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Croatia **Russia**
Hrvatska **Россия**
Czech Republic **Serbia**
Česká republika **Србија**
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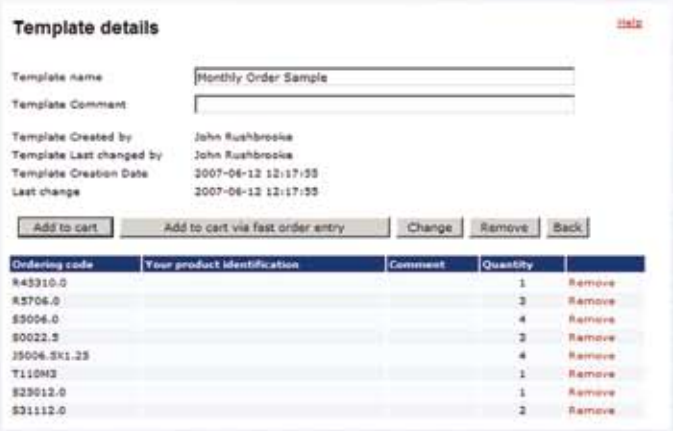
DORMER ONLINE - JAKÁ JE NABÍDKA?

VÝHODY A FUNKCE

- Dormer OnLine (DOL) je internetový servis, který umožňuje zpracovat a sledovat objednávku, kontrolovat cenu, skladovou dostupnost a prověřit opětovné použití vaší objednávkové a fakturační historie. Je exkluzivně dostupné autorizovaným Dormer distributorům s přímým obchodním účtem.
- DOL vám umožní zpracovat objednávku, kontrolovat cenu a skladovou dostupnost a sledovat průběh zásilek.
- DOL je velmi jednoduchý, stačí malé zaškolení nebo předchozí zkušenosti s internetovým obchodováním.
- DOL je přímo napojen na Dormer Tools globální objednávací systém, je neustále aktualizován informacemi o produktové dostupnosti, novinkami atd.
- Protože vstup vaší objednávky jde přímo do Dormer objednacího systému, je velmi malá pravděpodobnost vzniku chyby při objednávání.
- DOL je internetová aplikace, můžete tedy vaše objednávky zadat KDEKOLI na místě s přístupem k internetu - i během návštěvy u VAŠICH zákazníků.
- DOL obsahuje i výběr nástrojů - SmartChoice - k objednání správného produktu.
- Použitím funkce “Upload” můžete programovat automatické objednávky generované vaším objednacím systémem, soubor DOL upload (žádné dvojí přepisování objednávek)
- DOL umožňuje kumulování větších objednávek během pracovního dne, místo postupného odesílání malých objednávek. Tím je snížena administrace pro vás i pro Dormer (méně balíčků, faktur, procesních objednávek atd) a tím jsou nižší i náklady.
- Můžete použít předchozí objednávky k tvorbě podobných objednávek nových, nebo vytvořit si vzory objednávek, které mohou být opakovaně používány (např. pravidelné měsíční objednávky na doplnění skladů).



ELECTRONIC DATA INTERCHANGE (ELEKTRONICKÝ PŘENOS DAT)

VÝHODY A FUNKCE

- Rychlost procesu.
- Automatické zpracování.
- Podstatné snížení možnosti lidské chyby.
- Snížení možnosti chyb v přenusu tištěných dokumentů (nečitelné faxy atd).
- Jednoduší archivace elektronických dokumentů.

DORMER PRODUCT SELECTOR - CO NABÍZÍ?

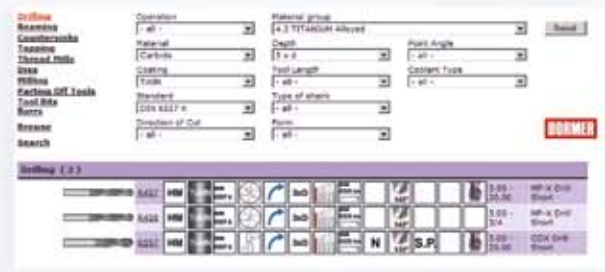
VÝHODY A FUNKCE

- Product Selector je databáze na D nebo ke stažení z Dormer stránek (www.dormertools.com) a pomůže vám vybrat spávný nástroj pro vaši aplikaci.
- Jednoduše se instaluje, snadno používá, zahrnuje rtání, závitování, frézování závitů, frézování a vystružování.
- Doporučí nejvhodnější nástroje pro vaši aplikaci a ukáže další použitelné nástroje.
- Počítá optimální řezná data a strojní parametry.
- Poskytuje údaje o životnosti nástroje.
- Obsahuje knihovnu materiálů s většinou mizinárodních materiálových norem.
- Když najdete správný nástroj, můžete vytisknout protokol s daty.
- Vybraný nástroj můžete přímo přenést do Dormer Online, pro snadné objednání - stačí kliknout “Go Online”.
- Můžete vytisknout vaše ceny a snadno a rychle spočítat ekonomické kalkulace.

DORMER SMARTCHOICE - CO NABÍZÍ?

VÝHODY A FUNKCE

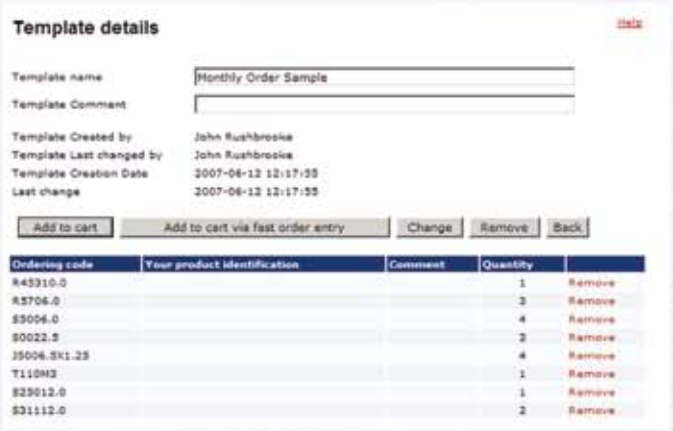
- SmartChoice je internetová aplikace globálně dostupná každému s připojením k internetu.
- Novinky jsou okamžitě dostupné (týdenní aktualizace) - není třeba čekat na nové publikace či katalogy.
- Odkaz na SmartChoice může být poslán e-mailem zákazníkovi.
- Odkazy na SmartChoice mohou být přidány do prezentací a dokumentů (PC s připojením k internetu).
- SmartChoice může zobrazit konkrétní stránky produktu - odkazy na novinky mohou být odeslány jako e-mail, prezentace, dokument.
- SmartChoice je dostupný v 19 jazycích.



DORMER ONLINE - MIT KÍNÁL?

ELŐNYÖK ÉS A GYAKORLAT

- Az Online oldal egy internet rendelési szolgáltatás, mely lehetővé teszi Önnek, hogy rendelését felad ja, kövesse, árakat megtekintse és a rak tárkészletet ellenőrizze az interneten keresztül. Korábbi rendeléseit is ellenőrizheti, újrafeladhatja, nyomon követheti vásárlásainak rendelési és számlázási történetét. A rendszerről érdeklődjön a hivatalos DORMER viszonteladónál.
- A rendszer segítségével feladhat rendeléseket, ellenőrizheti a termék elérhetőségét és árát, illetve nyomon követheti a rendelés kiszállítását.
- Az internetes vásárlási rendszer használata rendkívül egyszerű.
- Mivel a rendszer révén közvetlen összeköttetésben áll a DORMER rendelési rendszerével folyamatosan friss információkat talál a termékekről, raktárkészletről, új típusokról stb.
- Mivel a megrendelés közvetlenül a DORMER rendelési rendszerébe érkezik kicsi az esélye a rendelési hibáknak, téves szállításnak is.
- Az interneten keresztül Ön bárhonnan adhat fel rendelést (csupán internet hozzáférés szükséges), még akár közvetlen vevői látogatáskor is.
- A rendelési portál tartalmaz egy választó segédeszközt, a Smart Choice programot, hogy Ön biztosan meggyőződhessen a feladott tételek megfelelőségéről.
- A “Feltöltés” funkcióval lehetősége nyílik az Ön rendelési rendszere által generált megrendelések automatikus feladására (A program készít egy file-t, melyet feltölt a rendszerbe). (Nem kell kétszer felvinni a rendszerbe).
- A kisebb megrendelések helyett így egy munkanapra vonatkozóan összegyűjti a folyamatosan felmerülő rendelési igényeket, így jelentős adminisztráció munkától megfosztva mind Önöket, mind a DORMER dolgozóit. (A kevesebb kitöltendő cella a bejelentkezéskor, kevesebb fizetendő számla, nyomon követendő megrendelés stb.. csökkenti az Ön költségeit.)
- A korábbi rendeléseket használhatja az újabb hasonló tételek feladásakor. Akár egy sablont is kreálhat, amelyet újra- és újrafelad (pl: havi raktárrendelésekkor).



ELEKTRONIKUS ADATCSERE ELŐNYÖK ÉS A GYAKORLAT

- Gyorsabb folyamatok.
- Automatizált folyamatok.
- Szignifikánsan csökkenő hibaszázalék.
- Kiküszöböli a nyomtatásból, faxküldésből adódó hibákat, problémákat.
- Könnyebb, áttekinthetőbb adattárolás.

DORMER TERMÉK VÁLASZTÓ PROGRAM - MIT KÍNÁL?

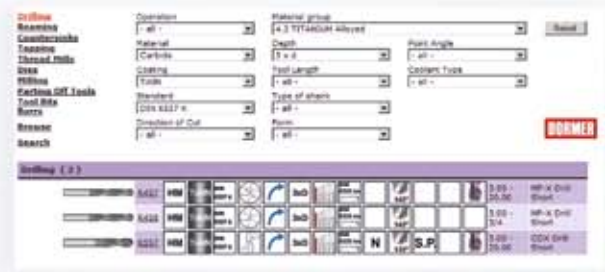
ELŐNYÖK ÉS A GYAKORLAT

- A Termék Választó egy CD-n tárolt adatbázis, amely letölthető a honlapról is. Az alkalmazáshoz, megmunkáláshoz, anyagminőséghez leginkább megfelelő szerszám kiválasztásában segít.
- Könnyen feltölthető, kezelhető, és lefedi a fúrás, marás, dörzsárazás, különböző menetkészítési eljárások szerszámainak választékát.
- Az adott megmunkálásoz leginkább alkalmas szerszámot javasolja, illetve további alternatívákat ajánl.
- Megadja az optimális vágási és megmunkálási paramétereket.
- Szerszáméltartam összehasonlítást végez.
- Szinte bármelyik nemzetközi anyagszabvány alapján kódolt anyaminőséget felismeri.
- A megfelelő szerszám kiválasztása esetén kinyomtathatja technológiai lapját.
- A kiválasztott szerszámokat közvetlenül betöltheti online megrendelő rendszerbe az “OnLine rendelés” gombra kattintva.
- Az árak betöltésével egy gombnyomással meg bízható és gyors gazdasági, hatékonysági össze hasonlítást végez a program.

DORMER SMART CHOICE - MIT KINÁL?

ELŐNYÖK ÉS A GYAKORLAT

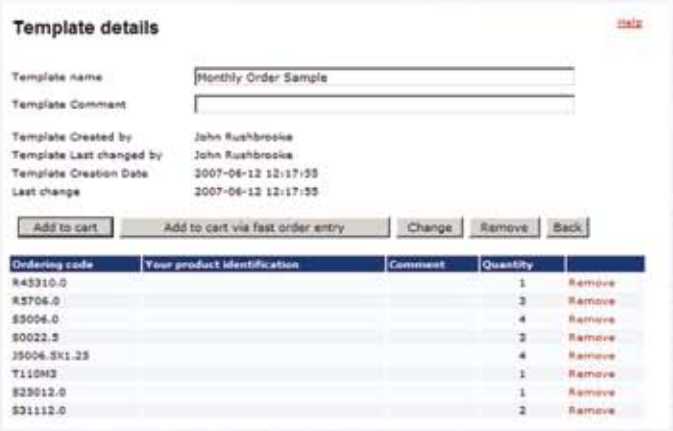
- A SMART Choice egy internetes alkalmazás, mely világszerte bárki részére elérhető.
- Az újabb termékeket azonnal (heti frissítés) feltölti - így nem kell várni az újdonságot bejelentő kataló gusok megérkezésére.
- A Smart Choice oldal linkjét a vevőnek küldött emailben is mellékelhetjük.
- A Smart Choice oldalakra bemutatóanyagokban is hivatkozhatunk (internet hozzáférés szükséges a lap megnyitásához).
- A Smart Choice segítségével hivatkozhatunk egy adott szerszám termékoldalára is. Az új termékek oldalainak linkje szétküldhető emailen vagy szerepelhet a bemutató file-okban.
- A Smart Choice jelenleg 19 nyelven érhető el.



DORMER ONLINE –
CO OFERUJE TA USŁUGA?

KORZYŚCI I FUNKCJONALNOŚĆ

- Dormer OnLine (DOL) jest to usługa pozwalająca składać i realizować zamówienia przez Internet, sprawdzać ceny i dostępność produktów czasie rzeczywistym, a także analizować i wielokrotnie korzystać z historii zamówień i faktur. Dostępna jest wyłącznie dla autoryzowanych dealerów Dormera posiadających bezpośrednie konto handlowe.
- Dzięki usłudze DOL można składać i realizować zamówienia, sprawdzać ceny i dostępność produk tów, a na bieżąco nawet śledzić postępy wysyłki.
- Usługa DOL jest bardzo prosta w obsłudze i w zasadzie nie wymaga szkolenia czy też wcześniejszej orientacji w internetowych rozwiązaniach dotyczących składania zamówień.
- Ponieważ jest bezpośrednio połączona z global nym systemem składania zamówień „Dormer Tools", jest ciągle aktualizowana informacjami na temat dostępności produktów, wyrobów nowych itd.
- Ze względu na fakt, iż nabywcy wprowadzają swoje zamówienia bezpośrednio do systemu „Dormer Tools", istnieje małe prawdopodobieństwo popełnienia błędu przy składaniu zamówienia.
- Ponieważ DOL jest systemem bazującym na Internecie, zamówienia można składać WSZĘDZIE, gdzie jest dostęp do Internetu, nawet w trakcie wizyt U KLIENTA.
- Elementem usługi DOL jest narzędzie wybierania „SmartChoice", które zapewnia, że zamówiony zostanie produkt właściwy.
- Korzystając z funkcji „Upload" [wysyłanie danych do zdalnego urządzenia], można zaprogramować swój system automatycznego generowania zamówień w taki sposób, aby utworzył on plik, który zostanie wysłany do systemu DOL (co eliminuje potrzebę wielokrotnego wpisywania danych).
- DOL pozwala na sporządzanie dużych zamówień w ciągu dnia roboczego, zamiast wysyłania wielu drobnych zamówień. Pozwala to na zmnie jszenie nakładów prac administracyjnych, zarówno po stronie nabywcy jak i Dormera (mniej paczek do rezerwacji, mniej faktur do zapłaty, mniej zamówień do załatwienia itd.), co z kolei prowadzi do redukcji kosztów.
- Można korzystać ze starych zamówień, aby tworzyć nowe, podobne, a nawet stworzyć jeden szablon do wielokrotnego użytku (np. dla zamówień miesięcznych).



ELEKTRONICZNA WYMIANA DANYCH

KORZYŚCI I FUNKCJONALNOŚĆ

- Szybsze przetwarzanie danych.
- Automatyczne przetwarzanie danych
- Znacznie mniejsza możliwość wystąpienia błędu popełnionego przez człowieka
- Eliminacja błędów w druku (np. nieczytelne strony faksów)
- Łatwiejsze przechowywanie dokumentów elektronicznych.

DORMER PRODUCT SELECTOR – CO OFERUJE TA USŁUGA?

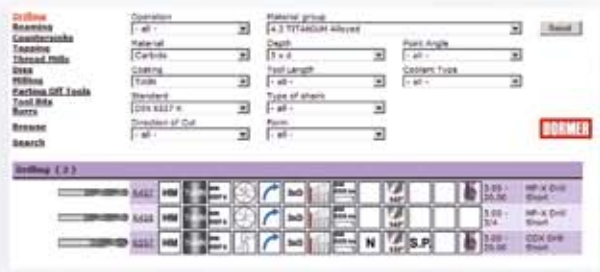
KORZYŚCI I FUNKCJONALNOŚĆ

- Product Selector jest bazą danych przechowywaną na płycie CD lub możliwą do ściągnięcia ze strony internetowej Dormera (www.dormertools.com), która pozwala na dokonanie właściwego wyboru narzędzi(a) dla konkretnego poszukiwanego przez odbiorcę zastosowania.
- Ta baza danych jest łatwa do zainstalowania, prosta w obsłudze i obejmuje takie zastosowania jak: wiercenie, gwintowanie, frezowanie gwintów, frezowanie ogólne oraz rozwiercanie.
- Product Selector rekomenduje narzędzie najwłaściwsze dla danego zastosowania oraz pokazuje narzędzia alternatywne.
- Oblicza optymalne dane i parametry obróbki.
- Przedstawia dane dotyczące okresu eksploata cyjnego narzędzia.
- Zawiera materiałową bazę danych z większością międzynarodowych oznaczeń materiałów.
- Po wybraniu właściwego narzędzia można wydrukować kartę charakterystyki produktu.
- Wybrane narzędzia można zaimportować bezpośrednio do systemu Dormer OnLine. Aby ułatwić sobie proces zamawiania – wystarczy kliknąć „Go Online”.
- Istnieje też możliwość zaimportowania cen, aby móc przeprowadzić kalkulacje ekonomii użytkowania narzędzi w szybki i rzetelny sposób.

DORMER SMARTCHOICE – CO OFERUJE TA USŁUGA?

KORZYŚCI I FUNKCJONALNOŚĆ

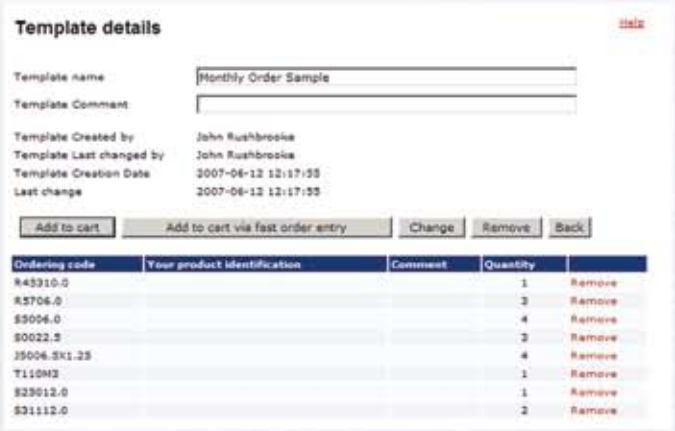
- SmartChoice to aplikacja internetowa dostępna na całym świecie dla wszystkich odbi orców posiadających dostęp do Internetu.
- Natychmiastowa dostępność nowych produktów (aktualizacja co tydzień) – nie ma potrzeby czekać na nowe publikacje lub katalogi.
- Linki do aplikacji SmartChoice można dodawać w załączniku do maili wysyłanych do klientów.
- Linki do aplikacji SmartChoice można zamieszczać w prezentacjach i dokumentach (w tym przypadku komputer odbiorcy musi mieć dostęp do Internetu).
- SmartChoice może zainaugurować nowe strony określonych produktów – linki do nowych produk tów można dołączać do maili, prezentacji i dokumentów.
- SmartChoice jest aktualnie dostępny w 19 językach.



DORMER ONLINE - CE OFERA?

BENEFICII SI FUNCTIONALITATE

- Dormer OnLine (DOL) este un serviciu de comenzi pe internet ce va permite sa va plasati si urmariti comenzile, verificati preturile si disponibilitatea produselor, sa verificati si sa refolositi comenzile si istoricul facturilor. Este disponibil exclusiv pentru Distribuitorii Autorizati Dormer ce au un cont comercial direct.
- Cu DOL puteti plasa/urmari comenzile, verifica pre tul/disponibilitatea produselor si chiar sa va urmariti livrarile pe parcursul unei zile.
- DOL este foarte usor de utilizat, necesitand foarte putin antrenament sau cunostiinte generale de comenzi pe internet.
- Deoarece DOL este direct conectat la sistemul global de comenzi al Dormer, este in permanenta adus la zi cu informatii privind disponibilitatea, produse noi, etc.
- Deoarece introduceti direct comenzile Dvs. in sistemul de comenzi Dormer, exista o mica probabilitate de exista erori in comanda.
- Deoarece DOL este un sistem bazat pe internet, puteti sa va plasati comenzile DE ORIUNDE de unde aveti conexiune internet - chiar si cand va vizitati clientii.
- DOL include un program de selectie - Smart Choice - pentru a fi siguri ca Dvs. va comandati scula corecta.
- Folosind functia “upload”, puteti programa comenzi autogenerate de sistemul Dvs. comenzi pentru a crea un fisier care sa fie incarcat in DOL (nu necesita retastarea comenzilor).
- DOL va permite sa construiti comenzi mari pe par cursul zilei, decat sa trimiteti mai multe comanzi mici. Aceasta ajuta la reducerea costurilor administrative atat la Dvs. cat si la Dormer (mai putine pachete de contabilizat, facturi de platit, comenzi pe rol, etc.).
- Puteti folosi comenzi anterioare pentru a crea altele noi - similare, sau chiar formate care sa fie utilizate in permanenta (de ex. pentru comanzile lunare pe stoc).



EDI- INTERSCHIMBARE ELECTRONICA DE DATE

BENEFICII SI FUNCTIONALITATE

- Procesare mai rapida.
- Procesare automata.
- Reducere semnificativa a erorilor umane.
- Elimina erorile de transmitere a tipariturilor (de ex. transmiterea fax, text iligibil).
- Stocare mai usoara a documentelor electronice.

DORMER PRODUCT SELECTOR - CE OFERA?

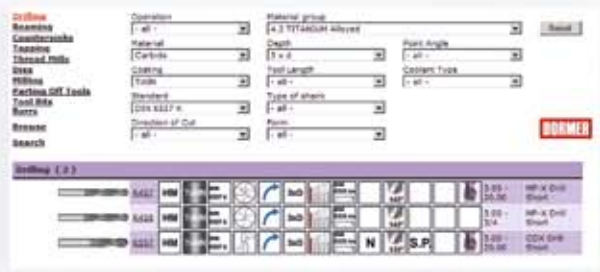
BENEFICII SI FUNCTIONALITATE

- Product Selector este o baza de date pe CD sau descarcabila de pe site-ul Dormer (www.dormer tools.com) care va ajuta sa alegeti scula (sculele) corecte aplicatiilor Dvs.
- Usor de instalat, simplu de operat, acoperind apli catii de gaurire, filetare, filetare prin frezare, frezare, alezare.
- Recomanda cea mai buna scula in aplicatia Dvs., si va prezinta si scule alternative.
- Calculeaza regimurile de aschiere optime si parametrii de prelucrare.
- Prezinta date despre durabilitate.
- Include o baza de date cu codificarea internationa la a majoritatii materialelor.
- Odata gasita scula corecta, puteti tipari foaia de catalog.
- Sculele selectate pot fi importate direct in Dormer Online, pentru a facilita lansarea comenzilor - doar faceti click pe “Go Online”.
- Puteti importa preturile Dvs. astfel incat calculele economice pot fi realizate rapid si corect.

DORMER SMARTCHOICE - CE OFERA?

BENEFICII SI FUNCTIONALITATE

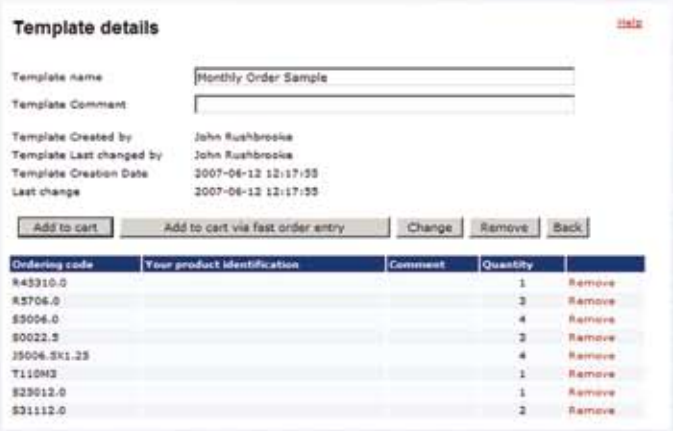
- Smart Choice este o aplicatie internet disponibila global, oricui care acces internet.
- Produsele noi sunt disponibile imediat (update saptamanal) - nu necesita asteptarea aparitiilor publicatiilor sau cataloagelor noi.
- Link-uri catre SmartChoice pot fi adaugate la e-mail-urile trimise clientilor.
- Link-uri catre SmartChoice pot fi adaugate la prezentari si documente (PC-ul trebuie sa aiba conexiune internet).
- SmartChoice poate lansa o anumita pagina de catalog - link-uri catre produse noi pot fi trimise pe e-mail, in prezentari sau documente.
- SmartChoice este disponibil in 19 limbi.



DORMER ONLINE -
ЧТО МЫ ПРЕДЛАГАЕМ?

ПРЕИМУЩЕСТВА И ВОЗМОЖНОСТИ

- Dormer OnLine (DOL) - это служба заказов через интернет, позволяющая вам размещать заказы и следить за их исполнением, узнавать цены и получать информацию о наличии товара в настоящий момент, проверять и повторно использовать архивные данные Вашего заказа и счётов-фактур.
  Доступ открыт исключительно авторизованным дистрибьюторам фирмы “Dormer” с открытым валютным расчетным счетом и имеющим возможность оплаты напрямую.
- При помощи DOL вы можете размещать заказы и следить за их исполнением, узнавать цены , получать информацию о наличии товара и даже круглосуточно отслеживать маршрут поставки.
- Служба DOL проста в использовании, требует минимального обучения или предварительных знаний в области заказов через интернет.
- Поскольку служба DOL напрямую связана с глобальной системой обработки заказов фирмы Dormer, то информация о наличии продуктов или о поступлении новых продуктов - и т.п. - постоянно обновляется.
- Так как ваш заказ поступает непосредственно в систему обработки заказов фирмы Dormer, это снижает вероятность ошибки в момент принятия заказа.
- Так как служба DOL работает на базе интернета, при наличии выхода в интернет вы можете сделать заказ ОТКУДА УГОДНО - даже если вы находитесь у СВОЕГО заказчика.
- Служба DOL предлагает вам возможность правильного выбора инструмента - SmartChoice.
- Используя функцию загрузки в удалённый компьютер (Upload), вы можете быстро разместить заказ, созданный вашей системой обработки заказов, создавать файлы и загружать их в систему DOL (не нужно делать это дважды!)
- Система DOL позволяет вам “выстраивать” объёмные заказы в течении рабочего дня, а не отправлять многочисленные мелкие заказы. Это помогает сократить организационные издержки как вам, так и фирме Dormer (регистрация малых партий, оплата счетов, отслеживание заказов и проч.), что ведёт к снижению затрат.
- Используя старый заказ, вы можете создать новый, или даже создать шаблон, который можно будет использовать снова и снова (например, для ежемесячных портфельных заказов).



ЭЛЕКТРОННЫЙ ОБМЕН ИНФОРМАЦИЕЙ

ПРЕИМУЩЕСТВА И ВОЗМОЖНОСТИ

- Ускоренная обработка данных.
- Автоматическая обработка данных.
- Значительное уменьшение риска человеческой ошибки.
- Исключение ошибок печатной передачи данных (например, по факсу - неразборчивый шрифт).
- Более простое хранение электронной документации.

DORMER PRODUCT SELECTOR - ЧТО МЫ ПРЕДЛАГАЕМ?

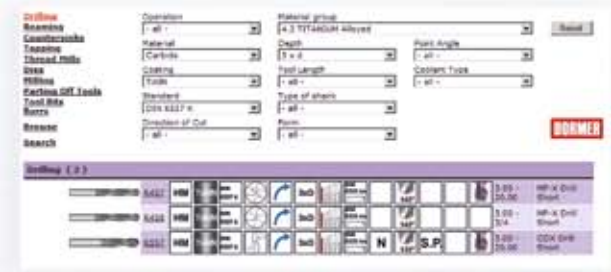
ПРЕИМУЩЕСТВА И ВОЗМОЖНОСТИ

- Product Selector - эта база данных на компакт-диске, или её можно скачать с вебсайта фирмы Dormer (www.dormertools.com). Она поможет вам выбрать правильные инструменты для реализации ваших задач.
- База данных легко устанавливается, проста в обращении, включает в себя информацию по сверлению, резьбонарезанию, резьбофрезерованию, фрезерованию и развертыванию
- Рекомендует наиболее подходящие инструменты для реализации вашей задачи и предлагает альтернативы.
- Рассчитывает оптимальные режимы резания и параметры обработки.
- Предоставляет данные по стойкости инструмента.
- Включает в себя базу данных по материалам с широким спектром международной маркировки материалов.
- Вы нашли подходящий инструмент - можете распечатать подробную информацию.
- Если вы хотите заказать выбранные инструменты, вы можете ввести данные прямо в систему Dormer OnLine (DOL), для этого нужно только нажать на кнопку “Go Online” (переход в режим онлайн).
- Вы можете ввести данные по вашим ценам и быстро получить достоверный расчёт экономической эффективности.

DORMER SMARTCHOICE - ЧТО МЫ ПРЕДЛАГАЕМ?

ПРЕИМУЩЕСТВА И ВОЗМОЖНОСТИ

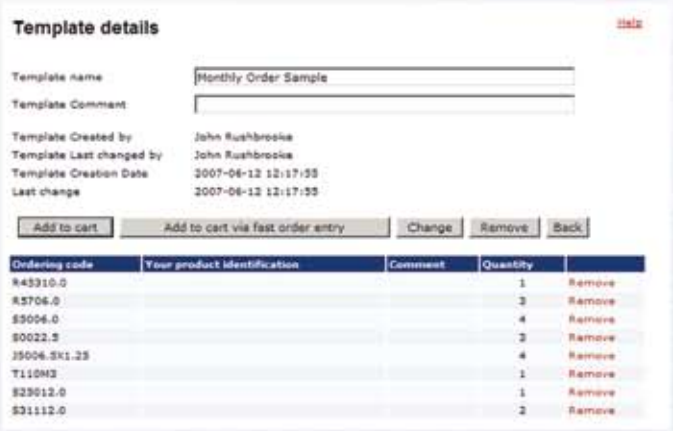
- SmartChoice является системой на основе интернет-технологии, доступной каждому пользователю, имеющему подключение к сети интернет.
- Информация о новых продуктах поступает незамедлительно (еженедельное обновление) - вам не надо ждать новых публикаций или выпуска новых каталогов.
- Линк системы SmartChoice можно включить в сообщение для клиента, передавамое по электронной почте.
- Линк системы SmartChoice можно включить в материалы презентации и документы (соответсвующий компьютер должен быть подключён к сети интернет).
- SmartChoice может запускать специальную страницу определённого продукта - линки к новым продуктам можно отправлять по электронной почте, в презентациях или в документах.
- SmartChoice доступен в настоящее время на 19 языках.



Dormer OnLine - kaj punuja?

Prednosti in funkcionalnost

- Dormer OnLine (DOL) je internetni servis, ki ti dovoli narediti in poslati naročila, preveriti cene in razpoložlivost zaloge. DOL je dostopen le pooblaščenim Dormerjevim uporabnikom.
- Z DOL lahko naredimo in pošljemo naročila, preverimo cene, razpoložljivost zaloge in celo spremljamo dnevne pošiljke.
- DOL je lahko uporabljati, saj zahteva le malo vaje in predhodnega znanja o internetnih storitvah.
- Ker je DOL direktno povezan z Dormerjevim globalnim sistemom naročanja, je redno vzdrževan s pravimi informacijami o razpoložljivosti zaloge, novih produktih, itd.
- Ker lahko pošljete naročila direktno v Dormerjev sistem, je verjetnost napak bistveno manjša.
- Ker je DOL internetni bazični sistem, lahko pošljete naročila od povsod z internetnim dostopom - celo med obiskom vaših kupcev.
- DOL vsebuje izbiro orodja - SmartChoise - da ste naročili pravi izdelek.
- Z uporabo funkcije “Upload” lahko programirate avto-naročila, povzročena z vašimi naročilnimi sistemi, da ustvarite datoteko, ki jo naloži DOL (ni dvojnega vnosa)
- Z DOL - om lahko “zgradite” večje naročilo tekom delovnega dne, kot pa da pošiljate več manjših naročil. To pomaga zmanjšati administrativna dela za vas in za Dormer (potrebno je vknjižiti manj paketov, manj fakturiranja za plačilo, naročil za neizdobavljeno, itd.), ki posledično zmanjša stroške.
- Z DOL lahko uporabite prejšnja naročila, da naredite nova, podobna, lahko pa tudi ustvarite model, ki je uporaben znova in znova (npr. za mesečna naročila za zalogo).



Elektronska izmenjava podatkov

Prednosti in Funkcionalnost

- Hitrejši postopek
- Avtomatični postopek
- Pomembno zmanjša človeške napake
- Eliminira napake pri printanju, fax-prenosih.
- Lahka shramba elektronskih dokumentov.

Dormer Product Selector - kaj ponuja?

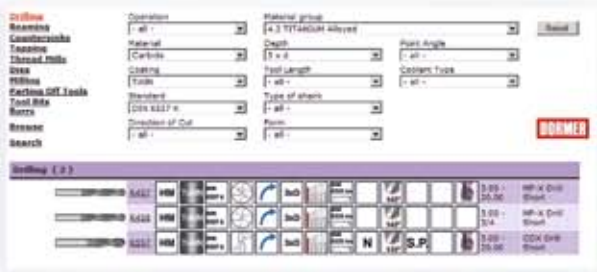
Prednosti in funkcionalnost

- Selector je podatkovna baza, na CD-ju in je naložljiva tudi z Dormerjeve spletne strani (www.dormertools.com), ki vam pomaga izbrati prava orodja za vašo aplikacijo.
- Program se lahko instalira, delovanje z njim je enostavno. Obsega aplikacije vrtanja, rezanja navojev, rezkanja in povrtavanja.
- Program priporoča najbolj primerno orodje za vašo aplikacijo in prikaže ostala alternativna orodja.
- Preračuna optimalne parametre za obdelavo.
- Določi tudi življensko dobo orodja.
- Vsebuje baze materialov z večino mednarodnih oznak.
- Ko enkrat najdete pravo orodje, si lahko natisnete stran s podatki.
- Izbrana orodja so lahko uvožena direktno na DOL Dormer jevo stran za naročanje, za lažje naročanje le kliknite na “Go Online”
- Svoje cene lahko uvozite, tako da so ekonomski izračuni realizirani hitro in stvarno.

Dormer Smart Choice - kaj punuja?

Prednosti in funkcionalnost

- SmartChoice je internetna aplikacija, ki je razpoložljiva vsem, ki imajo dostop do interneta.
- Novi produkti so na voljo takoj (naloženi so tedensko) - ni potrebno čakati na nove publikacije ali kataloge.
- Povezave do SmartChoice so lahko dodane elektronskim poštam, poslanim strankam.
- Povezave do SmartChoice so lahko dodane predstavitvam in dokumentom (PC mora imeti dostop do interneta)
- SmartChoice lahko sproži določeno stran produkta - povezave za nove izdelke so lahko poslane kot e-mail, v predstavitvah ali dokumentih.
- SmartChoice je trenutno razpoložljiv v 19-ih jezikih.



Starý / Régi Nieaktualne / Vechi Старо		Nový / Uj Nowy / Nou Ново	
A001	→ → →	A002	
A098	→ → →	~~	
A148	→ → →	~~	
A194	→ → →	~~	
A918	→ → →	A916	
B113	→ → →	~~	
B168	→ → →	~~	
B247	→ → →	~~	
C100	→ → →	C110	
C102	→ → →	C123	
C130	→ → →	C191	12/ 2008
C131	→ → →	C192	
C137	→ → →	C191	
C145	→ → →	~~	
C200	→ → →	C247	
C202	→ → →	C273	
C204	→ → →	C246	
C250	→ → →	C291	
C290	→ → →	C295	
C297	→ → →	C291	
C301	→ → →	C391	12/ 2008
C302	→ → →	C392	12/ 2008
C324 HR	→ → →	C324 HRA	06/ 2008
C361	→ → →	C392	12/ 2008
C402	→ → →	C407	06/ 2008
C404	→ → →	C944	12/ 2008
C414	→ → →	C908	
C418	→ → →	C948	12/ 2008
C442	→ → →	C400	
C448	→ → →	C493	
C465	→ → →	C403	
C478	→ → →	C477	
C480	→ → →	C475	
C491 HR	→ → →	C491 HRA	06/ 2008

Starý / Régi Nieaktualne / Vechi Старо		Nový / Uj Nowy / Nou Ново	
C492 HR	→ → →	C492 HRA	06/ 2008
C904	→ → →	C921	
C905 HR λ 38"	→ → →	C905 HRA λ 35"	06/ 2008
C906	→ → →	C270	
C922 HR λ 38"	→ → →	C922 HRA λ 35"	06/ 2008
C927	→ → →	C927	06/ 2008
C940	→ → →	C940	06/ 2008
C974	→ → →	C291	
E203	→ → →	E395	
E211	→ → →	E392	
E262	→ → →	E393	
E254	→ → →	E395	
E340	→ → →	E395	
E341	→ → →	E395	
E342	→ → →	E392	06/ 2009
E343	→ → →	E392	06/ 2009
E464	→ → →	E395	
E465	→ → →	E395	
E519	→ → →	E022 E023	
E521	→ → →	E020 E021	
G110	→ → →	G125	09/ 2008
G120	→ → →	~~	09/ 2008
H015	→ → →	~~	09/ 2008
H040	→ → →	~~	09/ 2008
H121	→ → →	~~	09/ 2008
H122	→ → →	~~	09/ 2008
H123	→ → →	~~	09/ 2008

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DORMER

	R950			R960			R122	R123	R120	R320	R325	R330	R022	R458	R457	R520	R590
	H853	H855	H858	H853	H855	H858											
																	
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
													TiN	TiAlN	TiAlN	TiN	TiAlN
	D	D	D	D	D	D	D	D	DIN 6539	D	D	D	D	DIN 6537 K	DIN 6537 K	DIN 6539	DIN 6539
	3xD	5XD	8XD	3xD	5XD	8XD	1XD	1XD	2.5xD	4xD	<5XD	<5XD	2.5xD	3xD	3xD	2.5xD	2.5xD
														DIN 6535 HA	DIN 6535 HA		
							N	N	N	H	H	H				N	N
	140°	140°	140°	140°	140°	140°	120°	90°	120°	150°	150°	150°	118°	140°	140°	130°	140°
																S.P.	S.P.
	15/32 - 30.50	15/32 - 30.50	15/32 - 30.50	15/32 - 30.50	15/32 - 30.50	15/32 - 30.50	5.00 - 20.00	5.00 - 20.00	1.00 - 12.00	3.00 - 16.00	3.00 - 16.00	3.00 - 16.00	3.00 - 17/32	3.00 - 20.00	3.00 - 20.00	3.00 - 16.50	8.00 - 16.00
	NEW 2009.02	NEW 2009.02	NEW 2009.02	NEW 2009.02	NEW 2009.02	NEW 2009.02											
														MP-X	MP-X	CDX	CDX
	28	28	28	30	30	30	32	33	34	35	36	37	38	40	42	44	46
1.1	■90V	■90U	■80T				■85S	■85S	●85S				■75V	■125W	■125W	■100X	■90W
1.2	■80V	■80U	■70T				■75S	■75S	●75S				■65V	■110W	■115W	■90X	■80W
1.3	■80V	■80U	■70T				■75S	■75S	●75S	■85U			■65V	■90W	■110W	■90X	■80W
1.4	■70V	■70U	■60T				■70S	■70S	●70S	■70U			■55V	■80V	■95V	■80X	■70W
1.5	■70V	■70U	■60T				■45S	■45S	●45S	■70U			■45U	■60V	■75V	■55X	■50W
1.6	●60U	●60T	●50S				■45S	■45S	●45S	■50T			■45U	■50U	■65U	■45W	■40V
1.7							■30S	■30S	●30S	■45S			■30U			●35U	■30U
1.8							■30S	■30S	●30S	■40S			■30U			●30T	■25U
2.1				■50U	■50T	■40T	■53S	■53S						●45U	■55V	●50W	●45V
2.2				■35U	■35T	■30T	■45S	■45S						●40T	■35V		●40T
2.3				■30T	■30S	■25S								●35T	●30U		●40T
2.4				●25T	●25S	●20S											
3.1				■85V	■85U	■70U	■75T	■75T	●75U	●75V	■90V		■75X	■90W	■110W	■90Y	■80X
3.2				■85V	■85U	■70U	■75T	■75T	●75U	●75V	■75V		■75X	■90W	■110W	■90Y	■80X
3.3				■70V	■70U	■60U	■55T	■55T	●55U	●55V	■75V		■55X	■70V	■80V	■65X	■60W
3.4				■60V	■60U	■50U	■55T	■55T	●55U	●55V	■60V		■55X	■70V	■80V	■65X	■60W
4.1				●45T	●45T	●35S	■45T	■45T	■45T	●40T				●50U	■55V	●60W	
4.2				●35T	●35T	●30S	■35T	■35T	●35T	●40T				●40U	■45V	●45V	●40U
4.3				●30S	●30S	●25S	■25S	■25S	●25T	●25T				●35T	■40U	●35U	●30T
5.1				●35T	●35T	●30S	■45T	■45T	■40U							■50W	
5.2				●30S	●30S	●25S	■30S	■30S	●30T	●22T							●35S
5.3				●25S	●25S	●20S	■20S	■20S	●20T	●14S							●20S
6.1							■275V	■275V	■275W			■180S		■100V	■125W		
6.2							■250V	■250V	●275W		●140V	■130V	●190W	■200V	■220W		
6.3							■250V	■250V	●275W		●35S	■160V	●190W	■200V	■220W		
6.4							■70T	■70T	●70U	■70W	■70U	■80U		●80U	■100V		
7.1							■200V	■200V	■200W			■200V	●155W	■225W	■250W	■225Z	
7.2							■200V	■200V	●200W	●200X		■200V	●155W	■225W	■250W	■225Z	
7.3							■112V	■112V	●112W	■112X		■150V	●85W	■180V	■200V	■150Y	■135X
7.4							■60V	■60V	●60W	■60X	■130V		●45W	■120V	■150V	■65Y	■60X
8.1							■60X	■60X	■60U				●45X			■75Z	
8.2							■100V	■100V	■100U				●75W			■115V	
8.3										■32U							
9.1																	
10.1																	

	R558	R557	R567	R587	R100	R002	R454	R453	R510	R554	R553	R563	R583	R220	R210	R570	R571
																	
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
	TiAlN	TiAlN	TiAlN Top			TiN	TiAlN	TiAlN	TiN	TiAlN	TiAlN	TiAlN Top				Super Flow	Super Flow
	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 6537 K	DIN 338	D	DIN 6537 L	DIN 6537 L	DIN 338	DIN 6537 L	DIN 6537 L	DIN 6537 L	DIN 6537 L	DIN 6537 L	D	D	D
	3xD	3xD	3xD	3xD	4xD	5XD	<5XD	<5XD	4xD	<5XD	<5XD	<5XD	<5XD	<5XD	<7XD	8XD	12xD
	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA			DIN 6535 HA	DIN 6535 HA		DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
	N	N	N	H	N				N	N	N	N	H			ACM	ACM
	130°	130°	140°	130°	120°	118°	140°	140°	130°	130°	130°	140°	130°	120°	120°	140°	140°
	S.P.	S.P.	S.P.	S.P.					S.P.	S.P.	S.P.	S.P.	S.P.			S.P.	S.P.
	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	1.00 - 14.00	3.00 - 14.00	3.00 - 3/4	3.00 - 20.00	3.00 - 14.25	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	3.00 - 20.00	4.00 - 20.00	5.00 - 20.00	3.00 - 20.00	3.00 - 16.00
			NEW 2007.10	NEW 2009.02									NEW 2009.02				NEW 2009.02
	CDX	CDX	CDX -Inox	CDX -Al		RE	MP-X	MP-X	CDX	CDX	CDX	CDX -Inox	CDX -Al			CDX -DH	CDX -DH
	47	49	51	53	54	56	58	60	62	63	65	67	68	69	69	70	71
1.1	■130X	■150X			●85S	■75U	■125V	■125V	■100W	■130V	■150V					■135V	■135V
1.2	■115X	■135X			●75S	■65U	■110V	■115V	■90W	■115V	■135V					■120V	■120V
1.3	■115X	■135X			●75S	■65U	■90V	■110V	■90W	■115U	■135U					■110U	■110U
1.4	■95X	■115X			●70S	■55U	■80V	■95V	■80W	■95U	■115U					■100U	■100U
1.5	■65W	■90W			●45S	■45T	■60V	■75V	■55V	■65U	■90U					■80U	■80U
1.6	■50W	■65W			●45S	■45T	■50U	■65U	■45V	■50T	■65T					■55T	■55T
1.7	■40V	●40V			●30S	■30T			●35T	■30U							
1.8	■30V	●30V			●30S	■30T			●30S	■25U							
2.1	●60W	■80W	■120W	■120W				■55V	●50V	●45U	■80U	■110V				■75V	■75V
2.2	●45U	■50U	■75V	■75V				■35V		●35U	●40U	■65V				■35V	■35V
2.3	●40U	■45U	■50V	■50V				●30U		●30U	●35U	■50U				●30U	●30U
2.4		■35U	■50V	■50V							●30U	■50U					
3.1	■110Y	■130Y			●75T	■75W	■90W	■110W	■90X	■110W	■130W			■125V	■125V	■120W	■120W
3.2	■110Y	■130Y			●75T	■75W	■90W	■110W	■90X	■110W	■130W			■100V	■100V	■120W	■120W
3.3	■80X	■90X			●55T	■55W	■70V	■80V	■65W	■80V	■90V			■100T	■100T	■80V	■80V
3.4	■80X	■90X			●55T	■55W	■70V	■80V	■65W	■80V	■90V			■100U	■100U	■80V	■80V
4.1	●65W	■75W	■80X	■80X			●50U	■55V	●45V	■45U	■50U	■50V					
4.2	●50V	■60V	■75W	■75W			●40U	■45V		●40T	●45T	■45U					
4.3	●40U	■45U	■50V	■50V			●35T	■40U		●30T	●35T	■35U					
5.1	●60W	■65W	■70X	■70X					●50V	■45T	■50T	■50U					
5.2	●45U	■50U	■50V	■50V						●30T	●35T	■35U					
5.3	●25T	■30T	■30U	■30U						●20T	●25T	■25U					
6.1							■100V	■125W								●125V	●125V
6.2					■250V	●190V	■200V	■220W						■210W	■210W	●220V	●220V
6.3					■250V	●190V	■200V	■220W								●220V	●220V
6.4							●80U	■100V								●100U	●100U
7.1	■250Z	■300Z			●200V	●155V	■225W	■250W	■225Y	■250X	■300X		■400Y			●285W	●285W
7.2	■250Z	■300Z			●200V	●155V	■225W	■250W	■225Y	■250X	■300X		■400Y	■400W	■400W	■285W	■285W
7.3	■175Z	■200Z			●112V	●85V	■180V	■200V	■150X	■175W	■200W		■300Y	■260W	■260W	■190V	■190V
7.4	■80Y	■100Y			●60V	●45V	■120V	■150V	■65X	■80W	■100W		■250X	■240W	■240W	■95V	■95V
8.1					■60X	●45X			■75X								
8.2					■100V	●75V			■115V								
8.3																	
9.1																	
10.1																	

DORMER

	Ø															
Fn	1mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm	15mm	16mm	20mm	25mm	30mm	40mm	50mm
A	0.012	0.023	0.029	0.032	0.036	0.042	0.054	0.062	0.069	0.082	0.086	0.110	0.125	0.135	0.155	0.175
B	0.014	0.028	0.037	0.041	0.046	0.053	0.067	0.080	0.090	0.103	0.108	0.135	0.153	0.165	0.188	0.208
C	0.015	0.032	0.044	0.050	0.056	0.064	0.080	0.098	0.110	0.125	0.130	0.160	0.180	0.195	0.22	0.24
D	0.016	0.038	0.053	0.060	0.068	0.078	0.098	0.119	0.130	0.149	0.155	0.188	0.210	0.228	0.253	0.275
E	0.017	0.043	0.062	0.071	0.080	0.092	0.115	0.140	0.150	0.173	0.180	0.215	0.240	0.260	0.285	0.31
F	0.018	0.050	0.073	0.084	0.095	0.109	0.138	0.165	0.178	0.202	0.210	0.248	0.275	0.295	0.32	0.343
G	0.019	0.056	0.084	0.096	0.109	0.126	0.160	0.190	0.205	0.231	0.240	0.280	0.310	0.330	0.355	0.375
H	0.020	0.066	0.102	0.116	0.130	0.150	0.190	0.228	0.243	0.271	0.280	0.320	0.355	0.375	0.398	0.418
I	0.021	0.076	0.119	0.134	0.150	0.173	0.220	0.265	0.280	0.310	0.320	0.360	0.400	0.420	0.44	0.46
J	0.024	0.084	0.135	0.152	0.170	0.197	0.250	0.298	0.315	0.349	0.360	0.405	0.445	0.465	0.485	0.503
K	0.026	0.092	0.150	0.170	0.190	0.220	0.280	0.330	0.350	0.388	0.400	0.450	0.490	0.510	0.53	0.545
L	0.028	0.101	0.165	0.186	0.208	0.240	0.305	0.360	0.385	0.419	0.430	0.485	0.525	0.545	0.568	0.588
M	0.030	0.110	0.180	0.202	0.225	0.260	0.330	0.390	0.420	0.450	0.460	0.520	0.560	0.580	0.605	0.63
N	0.032	0.119	0.195	0.218	0.242	0.280	0.355	0.420	0.455	0.481	0.490	0.555	0.595	0.615	0.642	0.672
S	0.008	0.014	0.020	0.025	0.030	0.037	0.050	0.080	0.100	0.123	0.130	0.150	0.170	0.190	0.220	
T	0.015	0.028	0.040	0.050	0.060	0.070	0.090	0.110	0.130	0.160	0.170	0.190	0.210	0.230	0.260	
U	0.026	0.048	0.070	0.080	0.090	0.107	0.140	0.170	0.200	0.223	0.230	0.240	0.270	0.300	0.360	
V	0.038	0.069	0.100	0.115	0.130	0.153	0.200	0.250	0.280	0.310	0.320	0.340	0.400	0.440	0.510	
W	0.049	0.089	0.130	0.150	0.170	0.200	0.260	0.330	0.380	0.418	0.430	0.450				
X	0.056	0.103	0.150	0.180	0.210	0.250	0.330	0.420	0.480	0.533	0.550	0.580				
Y	0.068	0.124	0.180	0.220	0.260	0.317	0.430	0.550	0.700	0.700	0.700	0.740				
Z	0.094	0.172	0.250	0.325	0.400	0.533	0.800	1.000	1.100	1.175	1.200	1.200				
	mm/N ± 25%															

R950

- Vrták Hydra P - hlava
- Hydra fúró fej P
- Głowica Hydra Drill P
- Varf burghiu tip Hydra P
- Hydra Drill сменная головка P
- Krona svedra Hydra P

NEW
2009.02

R950

Tělo vrtáku obsahuje čtyři (4) šroubky a jeden (1) šroubovák / 4db csavart és 1db csavarhúzót a fúrótesttel együtt szállítunk / Cztery(4) wkrętów i jeden(1) wkrętak są dołączone do Wiertło / Patru (4) suruburi si o (1) surubelnita sunt livrate impreuna cu corpul de burghiu / Четыре (4) винта и одна (1) ответка входит в комплект вместе с корпусом сверла / 4 vijaki in izvijač so vključeni

■ 1.1 1.2 1.3 1.4 1.5

● 1.6

d_1 Ø Inch	d_1 Ø mm	l_2 mm	e-Code
15/32	11.91	9.1	R95015/32
	12.00	9.1	R95012.0
31/64	12.30	9.1	R95031/64
	12.50	9.4	R95012.5
1/2	12.70	9.4	R9501/2
	13.00	9.7	R95013.0
33/64	13.10	9.7	R95033/64
17/32	13.49	9.7	R95017/32
	13.50	10.3	R95013.5
35/64	13.89	10.3	R95035/64
	14.00	10.3	R95014.0
9/16	14.29	10.3	R9509/16
	14.50	10.3	R95014.5
37/64	14.68	11.0	R95037/64
	15.00	11.0	R95015.0
19/32	15.08	11.0	R95019/32
39/64	15.48	11.0	R95039/64
	15.50	11.0	R95015.5
5/8	15.87	11.6	R9505/8
	16.00	11.6	R95016.0
41/64	16.27	11.6	R95041/64
	16.50	11.6	R95016.5
21/32	16.67	12.2	R95021/32
	17.00	12.2	R95017.0
43/64	17.06	12.2	R95043/64
11/16	17.46	12.2	R95011/16
	17.50	12.2	R95017.5
45/64	17.86	12.9	R95045/64
	18.00	12.9	R95018.0
23/32	18.26	12.9	R95023/32
	18.50	12.9	R95018.5
47/64	18.65	13.5	R95047/64
	19.00	13.5	R95019.0
3/4	19.05	13.5	R9503/4
49/64	19.45	13.5	R95049/64
	19.50	13.5	R95019.5
25/32	19.84	14.1	R95025/32
	20.00	14.1	R95020.0
51/64	20.24	14.1	R95051/64

d_1 Ø Inch	d_1 Ø mm	l_2 mm	e-Code
	20.50	14.1	R95020.5
13/16	20.64	14.8	R95013/16
	21.00	14.8	R95021.0
53/64	21.03	14.8	R95053/64
27/32	21.43	14.8	R95027/32
	21.50	14.8	R95021.5
55/64	21.83	15.0	R95055/64
	22.00	15.0	R95022.0
7/8	22.22	15.1	R9507/8
57/64	22.62	15.1	R95057/64
	23.00	15.1	R95023.0
29/32	23.02	15.4	R95029/32
59/64	23.42	15.4	R95059/64
15/16	23.81	15.4	R95015/16
	24.00	15.4	R95024.0
61/64	24.21	15.8	R95061/64
31/32	24.61	15.8	R95031/32
	25.00	15.8	R95025.0
63/64	25.00	16.4	R95063/64
1“	27.40	16.4	R9501
1.1/64	25.80	16.4	R9501.1/64
	26.00	16.4	R95026.0
1.1/32	26.19	17.1	R9501.1/32
1.3/64	26.59	17.1	R9501.3/64
1.1/16	26.99	17.1	R9501.1/16
	27.00	17.1	R95027.0
1.5/64	27.38	17.7	R9501.5/64
1.3/32	27.78	17.7	R9501.3/32
	28.00	17.7	R95028.0
1.7/64	28.18	18.3	R9501.7/64
1.1/8	28.57	18.3	R9501.1/8
1.9/64	28.97	18.3	R9501.9/64
	29.00	18.3	R95029.0
1.5/32	29.37	19.0	R9501.5/32
1.11/64	29.77	19.0	R9501.11/64
	30.00	19.0	R95030.0
1.3/16	30.16	19.0	R9501.3/16
	30.50	19.0	R95030.5

R950 (H853; H855; H858)

R950 Hydra-P	H853 3xD body	l2 mm	l1 mm	l3 mm	d2 mm	l4 mm	H855 5xD body	l2	l1	l3	d2 mm	l4 mm	H858 8xD body	l2	l1	l3	d2 mm	l4 mm	H860 Screws	H861 Screwdriver
R95015/32 R95012.0 R95031/64	H85312.0	9.1	116.3	107.2	16.0	48.0	H85512.0	9.1	141.3	132.2	16.0	48.0	H85812.0	-	-	-	-	-		
R95012.5 R9501/2	H85312.5	9.4	116.7	107.3	16.0	48.0	H85512.5	9.4	141.7	132.3	16.0	48.0	H85812.5	-	-	-	-	-		
R95013.0 R95033/64 R95017/32	H85313.0	9.7	122.1	112.4	16.0	48.0	H85513.0	9.7	152.1	142.4	16.0	48.0	H85813.0	-	-	-	-	-		
R95013.5 R95035/64 R95014.0 R9509/16 R95014.5	H85314.0	10.3	129.3	119.0	16.0	48.0	H85514.0	10.3	159.3	149.0	16.0	48.0	H85814.0	10.3	204.3	194.0	16.0	48.0	H860N1	H861N1
R95037/64 R95015.0 R95019/32 R95039/64 R95015.5	H85315.0	11.0	140.2	129.2	20.0	50.0	H85515.0	11.0	170.2	159.2	20.0	50.0	H85815.0	11.0	215.2	204.2	20.0	50.0		
R9505/8 R95016.0 R95041/64 R95016.5	H85316.0	11.6	146.0	134.4	20.0	50.0	H85516.0	11.6	181.0	169.4	20.0	50.0	H85816.0	11.6	226.0	214.4	20.0	50.0		
R95021/32 R95017.0 R95043/64 R95011/16 R95017.5	H85317.0	12.2	151.8	139.6	20.0	50.0	H85517.0	12.2	186.8	174.6	20.0	50.0	H85817.0	12.2	236.8	224.6	20.0	50.0	H860N2	H861N2
R95045/64 R95018.0 R95023/32 R95018.5	H85318.0	12.9	157.7	144.8	20.0	50.0	H85518.0	12.9	192.7	179.8	20.0	50.0	H85818.0	12.9	242.7	229.8	20.0	50.0		
R95047/64 R95019.0 R9503/4 R95049/64 R95019.5	H85319.0	13.5	173.6	160.1	25.0	56.0	H85519.0	13.5	208.5	195.0	25.0	56.0	H85819.0	13.5	268.5	255.0	25.0	56.0		
R95025/32 R95020.0 R95051/64 R95020.5	H85320.0	14.1	174.2	160.1	25.0	56.0	H85520.0	14.1	214.2	200.1	25.0	56.0	H85820.0	14.1	279.2	265.1	25.0	56.0	H860N3	H861N3
R95013/16 R95021.0 R95053/64 R95027/32 R95021.5	H85321.0	14.8	175.1	160.3	25.0	56.0	H85521.0	14.8	215.1	200.3	25.0	56.0	H85821.0	14.8	285.1	270.3	25.0	56.0		
R95055/64 R95022.0 R9507/8 R95057/64	H85322.0	15.1	180.2	165.1	25.0	56.0	H85522.0	15.1	220.2	205.1	25.0	56.0	H85822.0	15.1	290.2	275.1	25.0	56.0		
R95023.0 R95029/32 R95059/64	H85323.0	15.4	180.2	164.8	25.0	56.0	H85523.0	15.4	230.2	214.8	25.0	56.0	H85823.0	15.4	300.2	284.8	25.0	56.0	H860N4	H861N4
R95015/16 R95024.0 R95061/64 R95031/32	H85324.0	15.8	190.4	174.6	32.0	60.0	H85524.0	15.8	240.4	224.6	32.0	60.0	H85824.0	15.8	315.4	299.6	32.0	60.0		
R95025.0 R95063/64 R9501 R9501.1/64	H85325.0	16.4	191.0	174.6	32.0	60.0	H85525.0	16.4	246.0	229.6	32.0	60.0	H85825.0	16.4	321.0	304.6	32.0	60.0		
R95026.0 R9501.1/32 R9501.3/64	H85326.0	17.1	196.8	179.7	32.0	60.0	H85526.0	17.1	251.8	234.7	32.0	60.0	H85826.0	17.1	331.8	314.7	32.0	60.0	H860N5	H861N5
R9501.1/16 R95027.0 R9501.5/64 R9501.3/32	H85327.0	17.7	197.4	179.7	32.0	60.0	H85527.0	17.7	257.6	239.9	32.0	60.0	H85827.0	17.7	342.6	324.9	32.0	60.0		
R95028.0 R9501.7/64 R9501.1/8	H85328.0	18.3	203.4	185.1	32.0	60.0	H85528.0	18.3	263.4	245.1	32.0	60.0	H85828.0	18.3	348.4	330.1	32.0	60.0		
R9501.9/64 R95029.0 R9501.5/32 RR9501.11/64	H85329.0	19.0	209.3	190.3	32.0	60.0	H85529.0	19.0	269.3	250.3	32.0	60.0	H85829.0	19.0	359.3	340.3	32.0	60.0	H860N6	H861N6
R95030.0 R9501.3/16 R95030.5	H85330.0	19.0	209.5	190.5	32.0	60.0	H85530.0	19.0	279.5	260.5	32.0	60.0	H85830.0	19.0	369.5	350.5	32.0	60.0		

R960

- Vrták Hydra M - hlava
- Varf burghiu tip Hydra M
- Hydra fúró fej M
- Hydra Drill сменная головка M
- Głowica Hydra Drill M
- Krona svedra Hydra M

NEW
2009.02

R960

Tělo vrtáku obsahuje čtyři (4) šroubky a jeden (1) šroubovák / 4db csavart és 1db csavarhúzót a fúrótesttel együtt szállítunk / Cztery(4) wkrętów i jeden(1) wkrętak są dołączone do Wiertło / Patru (4) suruburi si o (1) surubelnita sunt livrate impreuna cu corpul de burghiu / Четыре (4) винта и одна (1) ответка входит в комплект вместе с корпусом сверла / 4 vijaki in izvijač so vključeni

■ 2.1 2.2 2.3 3.1 3.2 3.3 3.4

● 2.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø Inch	d_1 Ø mm	l_2 mm	e-Code
15/32	11.91	9.1	R96015/32
	12.00	9.1	R96012.0
31/64	12.30	9.1	R96031/64
	12.50	9.4	R96012.5
1/2	12.70	9.4	R9601/2
	13.00	9.7	R96013.0
33/64	13.10	9.7	R96033/64
17/32	13.49	9.7	R96017/32
	13.50	10.3	R96013.5
35/64	13.89	10.3	R96035/64
	14.00	10.3	R96014.0
9/16	14.29	10.3	R9609/16
	14.50	10.3	R96014.5
37/64	14.68	11.0	R96037/64
	15.00	11.0	R96015.0
19/32	15.08	11.0	R96019/32
39/64	15.48	11.0	R96039/64
	15.50	11.0	R96015.5
5/8	15.87	11.6	R9605/8
	16.00	11.6	R96016.0
41/64	16.27	11.6	R96041/64
	16.50	11.6	R96016.5
21/32	16.67	12.2	R96021/32
	17.00	12.2	R96017.0
43/64	17.06	12.2	R96043/64
11/16	17.46	12.2	R96011/16
	17.50	12.2	R96017.5
45/64	17.86	12.9	R96045/64
	18.00	12.9	R96018.0
23/32	18.26	12.9	R96023/32
	18.50	12.9	R96018.5
47/64	18.65	13.5	R96047/64
	19.00	13.5	R96019.0
3/4	19.05	13.5	R9603/4
49/64	19.45	13.5	R96049/64
	19.50	13.5	R96019.5
25/32	19.84	14.1	R96025/32
	20.00	14.1	R96020.0
51/64	20.24	14.1	R96051/64

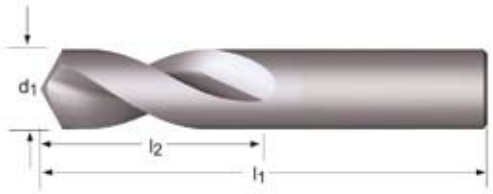
d_1 Ø Inch	d_1 Ø mm	l_2 mm	e-Code
	20.50	14.1	R96020.5
	21.00	14.8	R96021.0
13/16	20.64	14.8	R96013/16
53/64	21.03	14.8	R96053/64
27/32	21.43	14.8	R96027/32
	21.50	14.8	R96021.5
55/64	21.83	15.0	R96055/64
	22.00	15.0	R96022.0
7/8	22.22	15.1	R9607/8
57/64	22.62	15.1	R96057/64
	23.00	15.1	R96023.0
29/32	23.02	15.4	R96029/32
59/64	23.42	15.4	R96059/64
15/16	23.81	15.4	R96015/16
	24.00	15.4	R96024.0
61/64	24.21	15.8	R96061/64
31/32	24.61	15.8	R96031/32
	25.00	15.8	R96025.0
63/64	25.00	16.4	R96063/64
1“	25.40	16.4	R9601
1.1/64	25.80	16.4	R9601.1/64
	26.00	16.4	R96026.0
1.1/32	26.19	17.1	R9601.1/32
1.3/64	26.59	17.1	R9601.3/64
1.1/16	26.99	17.1	R9601.1/16
	27.00	17.1	R96027.0
1.5/64	27.38	17.7	R9601.5/64
1.3/32	27.78	17.7	R9601.3/32
	28.00	17.7	R96028.0
1.7/64	28.18	18.3	R9601.7/64
1.1/8	28.57	18.3	R9601.1/8
1.9/64	28.97	18.3	R9601.9/64
	29.00	18.3	R96029.0
1.5/32	29.37	19.0	R9601.5/32
1.11/64	29.77	19.0	R9601.11/64
	30.00	19.0	R96030.0
1.3/16	30.16	19.0	R9601.3/16
	30.50	19.0	R96030.5

R960 (H853; H855; H858)

R950 Hydra-P	H853 3xD body	l2 mm	l1 mm	l3 mm	d2 mm	l4 mm	H855 5xD body	l2	l1	l3	d2 mm	l4 mm	H858 8xD body	l2	l1	l3	d2 mm	l4 mm	H860 Screws	H861 Screwdriver
R95015/32 R95012.0 R95031/64	H85312.0	9.1	116.3	107.2	16.0	48.0	H85512.0	9.1	141.3	132.2	16.0	48.0	H85812.0	-	-	-	-	-		
R95012.5 R9501/2	H85312.5	9.4	116.7	107.3	16.0	48.0	H85512.5	9.4	141.7	132.3	16.0	48.0	H85812.5	-	-	-	-	-		
R95013.0 R95033/64 R95017/32	H85313.0	9.7	122.1	112.4	16.0	48.0	H85513.0	9.7	152.1	142.4	16.0	48.0	H85813.0	-	-	-	-	-		
R95013.5 R95035/64 R95014.0 R9509/16 R95014.5	H85314.0	10.3	129.3	119.0	16.0	48.0	H85514.0	10.3	159.3	149.0	16.0	48.0	H85814.0	10.3	204.3	194.0	16.0	48.0	H860N1	H861N1
R95037/64 R95015.0 R95019/32 R95039/64 R95015.5	H85315.0	11.0	140.2	129.2	20.0	50.0	H85515.0	11.0	170.2	159.2	20.0	50.0	H85815.0	11.0	215.2	204.2	20.0	50.0		
R9505/8 R95016.0 R95041/64 R95016.5	H85316.0	11.6	146.0	134.4	20.0	50.0	H85516.0	11.6	181.0	169.4	20.0	50.0	H85816.0	11.6	226.0	214.4	20.0	50.0		
R95021/32 R95017.0 R95043/64 R95011/16 R95017.5	H85317.0	12.2	151.8	139.6	20.0	50.0	H85517.0	12.2	186.8	174.6	20.0	50.0	H85817.0	12.2	236.8	224.6	20.0	50.0	H860N2	H861N2
R95045/64 R95018.0 R95023/32 R95018.5	H85318.0	12.9	157.7	144.8	20.0	50.0	H85518.0	12.9	192.7	179.8	20.0	50.0	H85818.0	12.9	242.7	229.8	20.0	50.0		
R95047/64 R95019.0 R9503/4 R95049/64 R95019.5	H85319.0	13.5	173.6	160.1	25.0	56.0	H85519.0	13.5	208.5	195.0	25.0	56.0	H85819.0	13.5	268.5	255.0	25.0	56.0		
R95025/32 R95020.0 R95051/64 R95020.5	H85320.0	14.1	174.2	160.1	25.0	56.0	H85520.0	14.1	214.2	200.1	25.0	56.0	H85820.0	14.1	279.2	265.1	25.0	56.0	H860N3	H861N3
R95013/16 R95021.0 R95053/64 R95027/32 R95021.5	H85321.0	14.8	175.1	160.3	25.0	56.0	H85521.0	14.8	215.1	200.3	25.0	56.0	H85821.0	14.8	285.1	270.3	25.0	56.0		
R95055/64 R95022.0 R9507/8 R95057/64	H85322.0	15.1	180.2	165.1	25.0	56.0	H85522.0	15.1	220.2	205.1	25.0	56.0	H85822.0	15.1	290.2	275.1	25.0	56.0		
R95023.0 R95029/32 R95059/64	H85323.0	15.4	180.2	164.8	25.0	56.0	H85523.0	15.4	230.2	214.8	25.0	56.0	H85823.0	15.4	300.2	284.8	25.0	56.0	H860N4	H861N4
R95015/16 R95024.0 R95061/64 R95031/32	H85324.0	15.8	190.4	174.6	32.0	60.0	H85524.0	15.8	240.4	224.6	32.0	60.0	H85824.0	15.8	315.4	299.6	32.0	60.0		
R95025.0 R95063/64 R9501 R9501.1/64	H85325.0	16.4	191.0	174.6	32.0	60.0	H85525.0	16.4	246.0	229.6	32.0	60.0	H85825.0	16.4	321.0	304.6	32.0	60.0		
R95026.0 R9501.1/32 R9501.3/64	H85326.0	17.1	196.8	179.7	32.0	60.0	H85526.0	17.1	251.8	234.7	32.0	60.0	H85826.0	17.1	331.8	314.7	32.0	60.0	H860N5	H861N5
R9501.1/16 R95027.0 R9501.5/64 R9501.3/32	H85327.0	17.7	197.4	179.7	32.0	60.0	H85527.0	17.7	257.6	239.9	32.0	60.0	H85827.0	17.7	342.6	324.9	32.0	60.0		
R95028.0 R9501.7/64 R9501.1/8	H85328.0	18.3	203.4	185.1	32.0	60.0	H85528.0	18.3	263.4	245.1	32.0	60.0	H85828.0	18.3	348.4	330.1	32.0	60.0		
R9501.9/64 R95029.0 R9501.5/32 RR9501.11/64	H85329.0	19.0	209.3	190.3	32.0	60.0	H85529.0	19.0	269.3	250.3	32.0	60.0	H85829.0	19.0	359.3	340.3	32.0	60.0	H860N6	H861N6
R95030.0 R9501.3/16 R95030.5	H85330.0	19.0	209.5	190.5	32.0	60.0	H85530.0	19.0	279.5	260.5	32.0	60.0	H85830.0	19.0	369.5	350.5	32.0	60.0		

R122

- Navrtáváky
- Burghiu punctare
- NC előfúró
- Центровочное сверло для станков ЧПУ
- Wiertło do nawiercania
- sveder središčni



R122

4 fasetková špička až do 10,0mm / 4 köszörült élpont 10,0mm-ig / Cztero Plaszczyznowe Ostrze do 10,0mm / Pana la 10,0 mm varf cu 4 fatete / Стандартная заточка до 10,0 мм / Štiriploskovno brušena konica nad 10,0mm

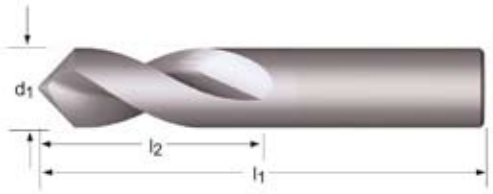
■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Øh$_6$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5.00	0.1969	16	62	**R1225.0**
6.00	0.2362	17	66	**R1226.0**
8.00	0.3150	22	79	**R1228.0**
10.00	0.3937	26	89	**R12210.0**

d_1 Øh$_6$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
12.00	0.4724	30	102	**R12212.0**
16.00	0.6299	34	115	**R12216.0**
20.00	0.7874	40	131	**R12220.0**

R123

- Navrtáváky
- Burghiu punctare
- NC előfúró
- Центровочное сверло для станков ЧПУ
- Wiertło do nawiercania
- sveder središčni



R123

4 fasetková špička až do 10,0mm / 4 köszörült élpont 10,0mm-ig / Cztero Plaszczyznowe Ostrze do 10,0mm / Pana la 10,0 mm varf cu 4 fatete / Стандартная заточка до 10,0 мм / Štiriploskovno brušena konica nad 10,0mm

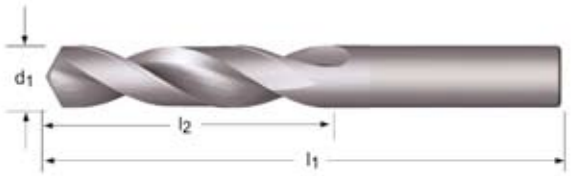
■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Øh$_6$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5.00	0.1969	16	62	**R1235.0**
6.00	0.2362	17	66	**R1236.0**
8.00	0.3150	22	79	**R1238.0**
10.00	0.3937	26	89	**R12310.0**

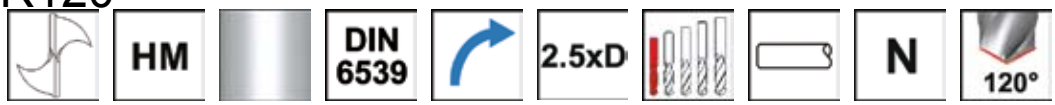
d_1 Øh$_6$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
12.00	0.4724	30	102	**R12312.0**
16.00	0.6299	34	115	**R12316.0**
20.00	0.7874	40	131	**R12320.0**

R120

- Navrtávák
- Burghiu scurt
- Extra Rövid Csigafúró
- Спиральное сверло, укороченное исполнение
- Wiertło krótkie
- sveder kratki



R120



■ 4.1 5.1 6.1 7.1 8.1 8.2

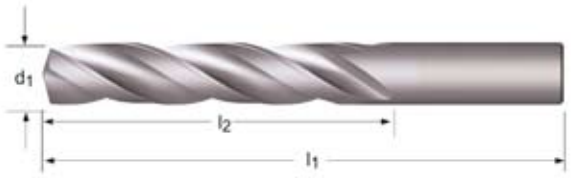
● 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 6.3 6.4 7.2 7.3 7.4

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.00	0.0394	6	26	R1201.0
1.10	0.0433	7	28	R1201.1
1.20	0.0472	8	30	R1201.2
1.30	0.0512	8	30	R1201.3
1.40	0.0551	9	32	R1201.4
1.50	0.0591	9	32	R1201.5
1.60	0.0630	10	34	R1201.6
1.70	0.0669	10	34	R1201.7
1.80	0.0709	11	36	R1201.8
1.90	0.0748	11	36	R1201.9
2.00	0.0787	12	38	R1202.0
2.10	0.0827	12	38	R1202.1
2.20	0.0866	13	40	R1202.2
2.30	0.0906	13	40	R1202.3
2.40	0.0945	14	43	R1202.4
2.50	0.0984	14	43	R1202.5
2.60	0.1024	14	43	R1202.6
2.70	0.1063	16	46	R1202.7
2.80	0.1102	16	46	R1202.8
2.90	0.1142	16	46	R1202.9
3.00	0.1181	16	46	R1203.0
3.10	0.1220	18	49	R1203.1
3.20	0.1260	18	49	R1203.2
3.30	0.1299	18	49	R1203.3
3.40	0.1339	20	52	R1203.4
3.50	0.1378	20	52	R1203.5
3.60	0.1417	20	52	R1203.6
3.70	0.1457	20	52	R1203.7
3.80	0.1496	22	55	R1203.8
3.90	0.1535	22	55	R1203.9
4.00	0.1575	22	55	R1204.0
4.10	0.1614	22	55	R1204.1
4.20	0.1654	22	55	R1204.2
4.30	0.1693	24	58	R1204.3
4.40	0.1732	24	58	R1204.4
4.50	0.1772	24	58	R1204.5
4.60	0.1811	24	58	R1204.6
4.70	0.1850	24	58	R1204.7
4.80	0.1890	26	62	R1204.8
4.90	0.1929	26	62	R1204.9
5.00	0.1969	26	62	R1205.0
5.10	0.2008	26	62	R1205.1
5.20	0.2047	26	62	R1205.2
5.30	0.2087	26	62	R1205.3
5.40	0.2126	28	66	R1205.4
5.50	0.2165	28	66	R1205.5
5.60	0.2205	28	66	R1205.6
5.70	0.2244	28	66	R1205.7

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5.80	0.2283	28	66	R1205.8
5.90	0.2323	28	66	R1205.9
6.00	0.2362	28	66	R1206.0
6.10	0.2402	31	70	R1206.1
6.20	0.2441	31	70	R1206.2
6.30	0.2480	31	70	R1206.3
6.40	0.2520	31	70	R1206.4
6.50	0.2559	31	70	R1206.5
6.60	0.2598	31	70	R1206.6
6.70	0.2638	31	70	R1206.7
6.80	0.2677	34	74	R1206.8
6.90	0.2717	34	74	R1206.9
7.00	0.2756	34	74	R1207.0
7.10	0.2795	34	74	R1207.1
7.20	0.2835	34	74	R1207.2
7.30	0.2874	34	74	R1207.3
7.40	0.2913	34	74	R1207.4
7.50	0.2953	34	74	R1207.5
7.60	0.2992	37	79	R1207.6
7.70	0.3031	37	79	R1207.7
7.80	0.3071	37	79	R1207.8
7.90	0.3110	37	79	R1207.9
8.00	0.3150	37	79	R1208.0
8.10	0.3189	37	79	R1208.1
8.20	0.3228	37	79	R1208.2
8.30	0.3268	37	79	R1208.3
8.40	0.3307	37	79	R1208.4
8.50	0.3346	37	79	R1208.5
8.60	0.3386	40	84	R1208.6
8.70	0.3425	40	84	R1208.7
8.80	0.3465	40	84	R1208.8
8.90	0.3504	40	84	R1208.9
9.00	0.3543	40	84	R1209.0
9.10	0.3583	40	84	R1209.1
9.20	0.3622	40	84	R1209.2
9.30	0.3661	40	84	R1209.3
9.40	0.3701	40	84	R1209.4
9.50	0.3740	40	84	R1209.5
9.60	0.3780	43	89	R1209.6
9.70	0.3819	43	89	R1209.7
9.80	0.3858	43	89	R1209.8
9.90	0.3898	43	89	R1209.9
10.00	0.3937	43	89	R12010.0
10.20	0.4016	43	89	R12010.2
10.50	0.4134	43	89	R12010.5
11.00	0.4331	47	95	R12011.0
11.50	0.4528	47	95	R12011.5
12.00	0.4724	51	102	R12012.0

R320

- 3-břité vrtáky krátké
- Burghiu scurt cu 3 taisuri
- 3 élű Extra Rövid Csigafúró
- Трехперое сверло, укороченное исполнение
- Wiertło 3 ostrzowe
- sveder trirezni



R320

O/L dle DIN 6539 / L1 = DIN 6539 / Długość calkowita wedlug DIN 6539 / Lungime totala conf. DIN 6539 / согласно DIN 6539 / O/L po DIN 6539

■ 1.3 1.4 1.5 1.6 1.7 1.8 6.4 7.3 7.4 8.3

● 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.2 5.3 7.2

d_1 $\emptyset h_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.00	0.1181	22	46	**R3203.0**
3.20	0.1260	24	49	**R3203.2**
3.50	0.1378	27	52	**R3203.5**
3.80	0.1496	30	55	**R3203.8**
4.00	0.1575	30	55	**R3204.0**
4.20	0.1654	30	55	**R3204.2**
4.50	0.1772	32	58	**R3204.5**
4.80	0.1890	35	62	**R3204.8**
5.00	0.1969	35	62	**R3205.0**
5.20	0.2047	35	62	**R3205.2**
5.50	0.2165	39	66	**R3205.5**
5.80	0.2283	39	66	**R3205.8**
6.00	0.2362	39	66	**R3206.0**
6.50	0.2559	42	70	**R3206.5**
6.80	0.2677	45	74	**R3206.8**
7.00	0.2756	45	74	**R3207.0**
7.50	0.2953	45	74	**R3207.5**
7.80	0.3071	48	79	**R3207.8**
8.00	0.3150	48	79	**R3208.0**
8.50	0.3346	48	79	**R3208.5**
8.80	0.3465	52	84	**R3208.8**
9.00	0.3543	52	84	**R3209.0**

d_1 $\emptyset h_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9.50	0.3740	52	84	**R3209.5**
9.80	0.3858	55	89	**R3209.8**
10.00	0.3937	55	89	**R32010.0**
10.20	0.4016	55	89	**R32010.2**
10.50	0.4134	55	89	**R32010.5**
10.80	0.4252	60	95	**R32010.8**
11.00	0.4331	60	95	**R32011.0**
11.50	0.4528	60	95	**R32011.5**
11.80	0.4646	60	95	**R32011.8**
12.00	0.4724	65	102	**R32012.0**
12.50	0.4921	65	102	**R32012.5**
13.00	0.5118	65	102	**R32013.0**
13.50	0.5315	66	107	**R32013.5**
13.80	0.5433	66	107	**R32013.8**
14.00	0.5512	66	107	**R32014.0**
14.50	0.5709	70	111	**R32014.5**
14.80	0.5827	70	111	**R32014.8**
15.00	0.5906	70	111	**R32015.0**
15.50	0.6102	73	115	**R32015.5**
15.80	0.6220	73	115	**R32015.8**
16.00	0.6299	73	115	**R32016.0**

R325

- 3-břité vrtáky krátké - 0° úhel čela
- Burghiu scurt cu 3 taisuri - unghi de degajare 0 grade
- 3 élű Extra Rövid Csigafúró - 0°-os Homlokszöggel
- Трехперое сверло, передний угол 0 град., укороченное исполнение
- Wiertło 3 ostrzowe - kat natarcia 0 st.
- sveder trirezni

R325

O/L dle DIN 6539 / L1 = DIN 6539 / Długość calkowita wedlug DIN 6539 / Lungime totala conf. DIN 6539 / согласно DIN 6539 / O/L po DIN 6539

■ 3.1 3.2 3.3 3.4 6.4 7.4

● 6.2 6.3

d_1 $Øh_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.00	0.1181	22	46	**R3253.0**
3.20	0.1260	24	49	**R3253.2**
3.50	0.1378	27	52	**R3253.5**
3.80	0.1496	30	55	**R3253.8**
4.00	0.1575	30	55	**R3254.0**
4.20	0.1654	30	55	**R3254.2**
4.50	0.1772	32	58	**R3254.5**
4.80	0.1890	35	62	**R3254.8**
5.00	0.1969	35	62	**R3255.0**
5.20	0.2047	35	62	**R3255.2**
5.50	0.2165	39	66	**R3255.5**
5.80	0.2283	39	66	**R3255.8**
6.00	0.2362	39	66	**R3256.0**
6.50	0.2559	42	70	**R3256.5**
6.80	0.2677	45	74	**R3256.8**
7.00	0.2756	45	74	**R3257.0**
7.50	0.2953	45	74	**R3257.5**
7.80	0.3071	48	79	**R3257.8**
8.00	0.3150	48	79	**R3258.0**
8.50	0.3346	48	79	**R3258.5**
8.80	0.3465	52	84	**R3258.8**
9.00	0.3543	52	84	**R3259.0**

d_1 $Øh_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9.50	0.3740	52	84	**R3259.5**
9.80	0.3858	55	89	**R3259.8**
10.00	0.3937	55	89	**R32510.0**
10.20	0.4016	55	89	**R32510.2**
10.50	0.4134	55	89	**R32510.5**
10.80	0.4252	60	95	**R32510.8**
11.00	0.4331	60	95	**R32511.0**
11.50	0.4528	60	95	**R32511.5**
11.80	0.4646	60	95	**R32511.8**
12.00	0.4724	65	102	**R32512.0**
12.50	0.4921	65	102	**R32512.5**
13.00	0.5118	65	102	**R32513.0**
13.50	0.5315	66	107	**R32513.5**
13.80	0.5433	66	107	**R32513.8**
14.00	0.5512	66	107	**R32514.0**
14.50	0.5709	70	111	**R32514.5**
14.80	0.5827	70	111	**R32514.8**
15.00	0.5906	70	111	**R32515.0**
15.50	0.6102	73	115	**R32515.5**
15.80	0.6220	73	115	**R32515.8**
16.00	0.6299	73	115	**R32516.0**

R330

- 3-břité vrtáky krátké - 15° úhel čela
- Burghiu scurt cu 3 taisuri - unghi de degajare 15 grade
- 3 élű Extra Rövid Csigafúró - 15°-os Homlokszöggel
- Трехперое сверло, передний угол 15 град., укороченное исполнение
- Wiertło 3 ostrzowe - kat natarcia 15st.
- sveder trirezni

R330

O/L dle DIN 6539 / L1 = DIN 6539 / Długość calkowita wedlug DIN 6539 / Lungime totala conf. DIN 6539 / согласно DIN 6539 / O/L po DIN 6540

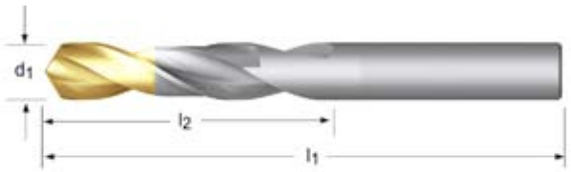
■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.00	0.1181	22	46	**R3303.0**
3.20	0.1260	24	49	**R3303.2**
3.50	0.1378	27	52	**R3303.5**
3.80	0.1496	30	55	**R3303.8**
4.00	0.1575	30	55	**R3304.0**
4.20	0.1654	30	55	**R3304.2**
4.50	0.1772	32	58	**R3304.5**
4.80	0.1890	35	62	**R3304.8**
5.00	0.1969	35	62	**R3305.0**
5.20	0.2047	35	62	**R3305.2**
5.50	0.2165	39	66	**R3305.5**
5.80	0.2283	39	66	**R3305.8**
6.00	0.2362	39	66	**R3306.0**
6.50	0.2559	42	70	**R3306.5**
6.80	0.2677	45	74	**R3306.8**
7.00	0.2756	45	74	**R3307.0**
7.50	0.2953	45	74	**R3307.5**
7.80	0.3071	48	79	**R3307.8**
8.00	0.3150	48	79	**R3308.0**
8.50	0.3346	48	79	**R3308.5**
8.80	0.3465	52	84	**R3308.8**
9.00	0.3543	52	84	**R3309.0**

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9.50	0.3740	52	84	**R3309.5**
9.80	0.3858	55	89	**R3309.8**
10.00	0.3937	55	89	**R33010.0**
10.20	0.4016	55	89	**R33010.2**
10.50	0.4134	55	89	**R33010.5**
10.80	0.4252	60	95	**R33010.8**
11.00	0.4331	60	95	**R33011.0**
11.50	0.4528	60	95	**R33011.5**
11.80	0.4646	60	95	**R33011.8**
12.00	0.4724	65	102	**R33012.0**
12.50	0.4921	65	102	**R33012.5**
13.00	0.5118	65	102	**R33013.0**
13.50	0.5315	66	107	**R33013.5**
13.80	0.5433	66	107	**R33013.8**
14.00	0.5512	66	107	**R33014.0**
14.50	0.5709	70	111	**R33014.5**
14.80	0.5827	70	111	**R33014.8**
15.00	0.5906	70	111	**R33015.0**
15.50	0.6102	73	115	**R33015.5**
15.80	0.6220	73	115	**R33015.8**
16.00	0.6299	73	115	**R33016.0**

R022

- Navrtávák
- Burghiu scurt
- Extra Rövid Csigafúró
- Спиральное сверло, укороченное исполнение
- Wiertło krótkie
- sveder kratki



R022

Délka šroubovice Dormer Standard / Dolgozó hossz Dormer szabvány szerint / Długość ostrza wdg.standardów Dormera / Lungime elicoida conf. Standard Dormer / Длина стружечной канавки согласно стандартам Dormer / Dolžina vijačnice po Dormer standardu

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4

● 6.2 6.3 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	16	46	**R0223.0**
	3.10	0.1220	18	49	**R0223.1**
1/8	3.18	0.1252	18	49	**R0221/8**
	3.20	0.1260	18	49	**R0223.2**
	3.30	0.1299	18	49	**R0223.3**
	3.40	0.1339	20	52	**R0223.4**
	3.50	0.1378	20	52	**R0223.5**
	3.60	0.1417	20	52	**R0223.6**
	3.70	0.1457	20	52	**R0223.7**
	3.80	0.1496	22	55	**R0223.8**
	3.90	0.1535	22	55	**R0223.9**
5/32	3.97	0.1563	22	55	**R0225/32**
	4.00	0.1575	22	55	**R0224.0**
	4.10	0.1614	22	55	**R0224.1**
	4.20	0.1654	22	55	**R0224.2**
	4.30	0.1693	24	58	**R0224.3**
	4.40	0.1732	24	58	**R0224.4**
	4.50	0.1772	24	58	**R0224.5**
	4.60	0.1811	24	58	**R0224.6**
	4.70	0.1850	24	58	**R0224.7**
3/16	4.76	0.1874	26	62	**R0223/16**
	4.80	0.1890	26	62	**R0224.8**
	4.90	0.1929	26	62	**R0224.9**
	5.00	0.1969	26	62	**R0225.0**
	5.10	0.2008	26	62	**R0225.1**
	5.20	0.2047	26	62	**R0225.2**
	5.30	0.2087	26	62	**R0225.3**
	5.40	0.2126	28	66	**R0225.4**
	5.50	0.2165	28	66	**R0225.5**
7/32	5.56	0.2189	28	66	**R0227/32**
	5.60	0.2205	28	66	**R0225.6**
	5.70	0.2244	28	66	**R0225.7**
	5.80	0.2283	28	66	**R0225.8**
	5.90	0.2323	28	66	**R0225.9**
	6.00	0.2362	28	66	**R0226.0**
	6.10	0.2402	31	70	**R0226.1**
	6.20	0.2441	31	70	**R0226.2**
	6.30	0.2480	31	70	**R0226.3**
1/4	6.35	0.2500	31	70	**R0221/4**
	6.40	0.2520	31	70	**R0226.4**
	6.50	0.2559	31	70	**R0226.5**
	6.60	0.2598	31	70	**R0226.6**
	6.70	0.2638	31	70	**R0226.7**
	6.80	0.2677	34	74	**R0226.8**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.90	0.2717	34	74	**R0226.9**
	7.00	0.2756	34	74	**R0227.0**
	7.10	0.2795	34	74	**R0227.1**
9/32	7.14	0.2811	34	74	**R0229/32**
	7.20	0.2835	34	74	**R0227.2**
	7.30	0.2874	34	74	**R0227.3**
	7.40	0.2913	34	74	**R0227.4**
	7.50	0.2953	34	74	**R0227.5**
	7.60	0.2992	37	79	**R0227.6**
	7.70	0.3031	37	79	**R0227.7**
	7.80	0.3071	37	79	**R0227.8**
	7.90	0.3110	37	79	**R0227.9**
5/16	7.94	0.3126	37	79	**R0225/16**
	8.00	0.3150	37	79	**R0228.0**
	8.10	0.3189	37	79	**R0228.1**
	8.20	0.3228	37	79	**R0228.2**
	8.30	0.3268	37	79	**R0228.3**
	8.40	0.3307	37	79	**R0228.4**
	8.50	0.3346	37	79	**R0228.5**
	8.60	0.3386	40	84	**R0228.6**
	8.70	0.3425	40	84	**R0228.7**
11/32	8.73	0.3437	40	84	**R02211/32**
	8.80	0.3465	40	84	**R0228.8**
	8.90	0.3504	40	84	**R0228.9**
	9.00	0.3543	40	84	**R0229.0**
	9.10	0.3583	40	84	**R0229.1**
	9.20	0.3622	40	84	**R0229.2**
	9.30	0.3661	40	84	**R0229.3**
	9.40	0.3701	40	84	**R0229.4**
	9.50	0.3740	40	84	**R0229.5**
3/8	9.53	0.3752	43	89	**R0223/8**
	9.60	0.3780	43	89	**R0229.6**
	9.70	0.3819	43	89	**R0229.7**
	9.80	0.3858	43	89	**R0229.8**
	9.90	0.3898	43	89	**R0229.9**
	10.00	0.3937	43	89	**R02210.0**
	10.10	0.3976	43	89	**R02210.1**
	10.20	0.4016	43	89	**R02210.2**
	10.30	0.4055	43	89	**R02210.3**
13/32	10.32	0.4063	43	89	**R02213/32**
	10.40	0.4094	43	89	**R02210.4**
	10.50	0.4134	43	89	**R02210.5**
	10.60	0.4173	43	89	**R02210.6**
	10.70	0.4213	47	95	**R02210.7**

R022

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.80	0.4252	47	95	**R02210.8**
	10.90	0.4291	47	95	**R02210.9**
	11.00	0.4331	47	95	**R02211.0**
	11.10	0.4370	47	95	**R02211.1**
7/16	11.11	0.4374	47	95	**R0227/16**
	11.20	0.4409	47	95	**R02211.2**
	11.30	0.4449	47	95	**R02211.3**
	11.40	0.4488	47	95	**R02211.4**
	11.50	0.4528	47	95	**R02211.5**
	11.60	0.4567	47	95	**R02211.6**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	11.70	0.4606	47	95	**R02211.7**
	11.80	0.4646	47	95	**R02211.8**
	11.90	0.4685	51	102	**R02211.9**
15/32	11.91	0.4689	51	102	**R02215/32**
	12.00	0.4724	51	102	**R02212.0**
1/2	12.70	0.5000	51	102	**R0221/2**
17/32	13.49	0.5311	54	107	**R02217/32**

R458

- MP-X vrták
- Burghiu MP-X scurt
- MP-X Csigafúró
- Сверло MP-X, укороченное исполнение
- Wiertło typu MP-X krótkie
- MP-X sveder, kratki

MP-X

R458

HM | TiAlN | DIN 6537 K | 3xD | DIN 6535 HA | 140°

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 6.1 6.2 6.3 7.1 7.2 7.3 7.4

● 2.1 2.2 2.3 4.1 4.2 4.3 6.4

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	20	62	36	6	R4583.0
	3.10	0.1220	20	62	36	6	R4583.1
1/8	3.17	0.1248	20	62	36	6	R4581/8
	3.20	0.1260	20	62	36	6	R4583.2
	3.30	0.1299	20	62	36	6	R4583.3
	3.40	0.1339	20	62	36	6	R4583.4
	3.50	0.1378	20	62	36	6	R4583.5
9/64	3.57	0.1406	20	62	36	6	R4589/64
	3.60	0.1417	20	62	36	6	R4583.6
	3.70	0.1457	20	62	36	6	R4583.7
	3.73	0.1469	24	66	36	6	R4583.73
	3.80	0.1496	24	66	36	6	R4583.8
	3.90	0.1535	24	66	36	6	R4583.9
5/32	3.97	0.1563	24	66	36	6	R4585/32
	4.00	0.1575	24	66	36	6	R4584.0
	4.10	0.1614	24	66	36	6	R4584.1
	4.20	0.1654	24	66	36	6	R4584.2
	4.30	0.1693	24	66	36	6	R4584.3
11/64	4.37	0.1720	24	66	36	6	R45811/64
	4.40	0.1732	24	66	36	6	R4584.4
	4.50	0.1772	24	66	36	6	R4584.5
	4.60	0.1811	24	66	36	6	R4584.6
	4.70	0.1850	24	66	36	6	R4584.7
3/16	4.76	0.1874	28	66	36	6	R4583/16
	4.80	0.1890	28	66	36	6	R4584.8
	4.90	0.1929	28	66	36	6	R4584.9
	5.00	0.1969	28	66	36	6	R4585.0
	5.10	0.2008	28	66	36	6	R4585.1
13/64	5.16	0.2031	28	66	36	6	R45813/64
	5.20	0.2047	28	66	36	6	R4585.2
	5.50	0.2165	28	66	36	6	R4585.5
7/32	5.56	0.2189	28	66	36	6	R4587/32
	5.60	0.2205	28	66	36	6	R4585.6
	5.70	0.2244	28	66	36	6	R4585.7
	5.80	0.2283	28	66	36	6	R4585.8
15/64	5.95	0.2343	28	66	36	6	R45815/64
	6.00	0.2362	28	66	36	6	R4586.0
	6.10	0.2402	34	79	36	8	R4586.1
	6.20	0.2441	34	79	36	8	R4586.2
	6.30	0.2480	34	79	36	8	R4586.3
1/4	6.35	0.2500	34	79	36	8	R4581/4
	6.40	0.2520	34	79	36	8	R4586.4
	6.50	0.2559	34	79	36	8	R4586.5
	6.60	0.2598	34	79	36	8	R4586.6

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	6.70	0.2638	34	79	36	8	R4586.7
17/64	6.75	0.2657	34	79	36	8	R45817/64
	6.80	0.2677	34	79	36	8	R4586.8
	6.90	0.2717	34	79	36	8	R4586.9
	7.00	0.2756	34	79	36	8	R4587.0
	7.10	0.2795	41	79	36	8	R4587.1
9/32	7.14	0.2811	41	79	36	8	R4589/32
	7.30	0.2874	41	79	36	8	R4587.3
	7.40	0.2913	41	79	36	8	R4587.4
	7.50	0.2953	41	79	36	8	R4587.5
19/64	7.54	0.2969	41	79	36	8	R45819/64
	7.60	0.2992	41	79	36	8	R4587.6
	7.70	0.3031	41	79	36	8	R4587.7
	7.80	0.3071	41	79	36	8	R4587.8
	7.90	0.3110	41	79	36	8	R4587.9
5/16	7.94	0.3126	41	79	36	8	R4585/16
	8.00	0.3150	41	79	36	8	R4588.0
	8.10	0.3189	47	89	40	10	R4588.1
	8.20	0.3228	47	89	40	10	R4588.2
21/64	8.33	0.3280	47	89	40	10	R45821/64
	8.40	0.3307	47	89	40	10	R4588.4
	8.50	0.3346	47	89	40	10	R4588.5
	8.60	0.3386	47	89	40	10	R4588.6
	8.70	0.3425	47	89	40	10	R4588.7
11/32	8.73	0.3437	47	89	40	10	R45811/32
	8.80	0.3465	47	89	40	10	R4588.8
	9.00	0.3543	47	89	40	10	R4589.0
	9.10	0.3583	47	89	40	10	R4589.1
23/64	9.13	0.3594	47	89	40	10	R45823/64
	9.30	0.3661	47	89	40	10	R4589.3
	9.40	0.3701	47	89	40	10	R4589.4
	9.50	0.3740	47	89	40	10	R4589.5
3/8	9.52	0.3748	47	89	40	10	R4583/8
	9.60	0.3780	47	89	40	10	R4589.6
	9.70	0.3819	47	89	40	10	R4589.7
	9.80	0.3858	47	89	40	10	R4589.8
	9.90	0.3898	47	89	40	10	R4589.9
25/64	9.92	0.3906	47	89	40	10	R45825/64
	10.00	0.3937	47	89	40	10	R45810.0
	10.10	0.3976	55	102	45	12	R45810.1
	10.20	0.4016	55	102	45	12	R45810.2
	10.30	0.4055	55	102	45	12	R45810.3
13/32	10.32	0.4063	55	102	45	12	R45813/32
	10.40	0.4094	55	102	45	12	R45810.4

R458

DORMER

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.50	0.4134	55	102	45	12	**R45810.5**
27/64	10.72	0.4220	55	102	45	12	**R45827/64**
	10.60	0.4173	55	102	45	12	**R45810.6**
	11.00	0.4331	55	102	45	12	**R45811.0**
7/16	11.11	0.4374	55	102	45	12	**R4587/16**
	11.20	0.4409	55	102	45	12	**R45811.2**
	11.40	0.4488	55	102	45	12	**R45811.4**
	11.50	0.4528	55	102	45	12	**R45811.5**
29/64	11.51	0.4531	55	102	45	12	**R45829/64**
	11.60	0.4567	55	102	45	12	**R45811.6**
	11.80	0.4646	55	102	45	12	**R45811.8**
15/32	11.91	0.4689	55	102	45	12	**R45815/32**
	12.00	0.4724	55	102	45	12	**R45812.0**
	12.10	0.4764	60	107	45	14	**R45812.1**
	12.20	0.4803	60	107	45	14	**R45812.2**
31/64	12.30	0.4843	60	107	45	14	**R45831/64**
	12.50	0.4921	60	107	45	14	**R45812.5**
	12.70	0.5000	60	107	45	14	**R45812.7**
1/2	12.70	0.5000	60	107	45	14	**R4581/2**
	12.80	0.5039	60	107	45	14	**R45812.8**
	13.00	0.5118	60	107	45	14	**R45813.0**
33/64	13.10	0.5157	60	107	45	14	**R45833/64**
17/32	13.49	0.5311	60	107	45	14	**R45817/32**
	13.50	0.5315	60	107	45	14	**R45813.5**
	13.80	0.5433	60	107	45	14	**R45813.8**
35/64	13.89	0.5469	60	107	45	14	**R45835/64**
	14.00	0.5512	60	107	45	14	**R45814.0**
	14.25	0.5610	65	115	48	16	**R45814.25**
9/16	14.29	0.5626	65	115	48	16	**R4589/16**
	14.50	0.5709	65	115	48	16	**R45814.5**
37/64	14.68	0.5780	65	115	48	16	**R45837/64**
	14.80	0.5906	65	115	48	16	**R45814.8**
	15.00	0.5906	65	115	48	16	**R45815.0**
19/32	15.08	0.5937	65	115	48	16	**R45819/32**
	15.10	0.5945	65	115	48	16	**R45815.1**
39/64	15.48	0.6094	65	115	48	16	**R45839/64**
	15.50	0.6102	65	115	48	16	**R45815.5**
	15.80	0.6220	65	115	48	16	**R45815.8**
5/8	15.88	0.6252	65	115	48	16	**R4585/8**
	16.00	0.6299	65	115	48	16	**R45816.0**
41/64	16.27	0.6406	73	123	48	18	**R45841/64**
	16.50	0.6496	73	123	48	18	**R45816.5**
21/32	16.67	0.6563	73	123	48	18	**R45821/32**
	17.00	0.6693	73	123	48	18	**R45817.0**
43/64	17.07	0.6720	73	123	48	18	**R45843/64**
11/16	17.46	0.6874	73	123	48	18	**R45811/16**
	17.50	0.6890	73	123	48	18	**R45817.5**
	17.80	0.7008	73	123	48	18	**R45817.8**
45/64	17.86	0.7031	73	123	48	18	**R45845/64**
	18.00	0.7087	73	123	48	18	**R45818.0**
23/32	18.26	0.7189	79	131	50	20	**R45823/32**
	18.50	0.7283	79	131	50	20	**R45818.5**
47/64	18.65	0.7343	79	131	50	20	**R45847/64**
	19.00	0.7480	79	131	50	20	**R45819.0**
	19.05	0.7500	79	131	50	20	**R4583/4**
	19.50	0.7677	79	131	50	20	**R45819.5**
	19.80	0.7795	79	131	50	20	**R45819.8**
	20.00	0.7874	79	131	50	20	**R45820.0**

R457

- MP-X vrták
- Burghiu MP-X scurt
- MP-X Csigafúró
- Сверло MP-X, укороченное исполнение
- Wiertło typu MP-X krótkie
- MP-X sveder, kratki

MP-X

R457

HM | TiAlN | DIN 6537 K | 3xD | DIN 6535 HA | 140°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4

● 2.3

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	20	62	36	6	R4573.0
	3.10	0.1220	20	62	36	6	R4573.1
1/8	3.17	0.1248	20	62	36	6	R4571/8
	3.20	0.1260	20	62	36	6	R4573.2
	3.30	0.1299	20	62	36	6	R4573.3
	3.40	0.1339	20	62	36	6	R4573.4
	3.50	0.1378	20	62	36	6	R4573.5
9/64	3.57	0.1406	20	62	36	6	R4579/64
	3.60	0.1417	20	62	36	6	R4573.6
	3.70	0.1457	20	62	36	6	R4573.7
	3.80	0.1496	24	66	36	6	R4573.8
	3.90	0.1535	24	66	36	6	R4573.9
5/32	3.97	0.1563	24	66	36	6	R4575/32
	4.00	0.1575	24	66	36	6	R4574.0
	4.05	0.1594	24	66	36	6	R4574.05
	4.10	0.1614	24	66	36	6	R4574.1
	4.20	0.1654	24	66	36	6	R4574.2
	4.30	0.1693	24	66	36	6	R4574.3
11/64	4.37	0.1720	24	66	36	6	R45711/64
	4.40	0.1732	24	66	36	6	R4574.4
	4.50	0.1772	24	66	36	6	R4574.5
	4.60	0.1811	24	66	36	6	R4574.6
	4.70	0.1850	24	66	36	6	R4574.7
3/16	4.76	0.1874	28	66	36	6	R4573/16
	4.80	0.1890	28	66	36	6	R4574.8
	4.90	0.1969	28	66	36	6	R4574.9
	5.00	0.1969	28	66	36	6	R4575.0
	5.05	0.1988	28	66	36	6	R4575.05
	5.10	0.2008	28	66	36	6	R4575.1
13/64	5.16	0.2031	28	66	36	6	R45713/64
	5.20	0.2047	28	66	36	6	R4575.2
	5.50	0.2165	28	66	36	6	R4575.5
7/32	5.56	0.2189	28	66	36	6	R4577/32
	5.60	0.2205	28	66	36	6	R4575.6
	5.70	0.2244	28	66	36	6	R4575.7
	5.80	0.2283	28	66	36	6	R4575.8
15/64	5.95	0.2343	28	66	36	6	R45715/64
	6.00	0.2362	28	66	36	6	R4576.0
	6.05	0.2382	34	79	36	8	R4576.05
	6.10	0.2402	34	79	36	8	R4576.1
	6.20	0.2441	34	79	36	8	R4576.2
	6.30	0.2480	34	79	36	8	R4576.3
1/4	6.35	0.2500	34	79	36	8	R4571/4
	6.40	0.2520	34	79	36	8	R4576.4

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	6.50	0.2559	34	79	36	8	R4576.5
	6.60	0.2598	34	79	36	8	R4576.6
	6.70	0.2638	34	79	36	8	R4576.7
17/64	6.75	0.2657	34	79	36	8	R45717/64
	6.80	0.2677	34	79	36	8	R4576.8
	6.90	0.2717	34	79	36	8	R4576.9
	7.00	0.2756	34	79	36	8	R4577.0
	7.10	0.2795	41	79	36	8	R4577.1
9/32	7.14	0.2811	41	79	36	8	R4579/32
	7.30	0.2874	41	79	36	8	R4577.3
	7.40	0.2913	41	79	36	8	R4577.4
	7.50	0.2953	41	79	36	8	R4577.5
19/64	7.54	0.2969	41	79	36	8	R45719/64
	7.60	0.2992	41	79	36	8	R4577.6
	7.70	0.3031	41	79	36	8	R4577.7
	7.80	0.3071	41	79	36	8	R4577.8
	7.90	0.3110	41	79	36	8	R4577.9
5/16	7.94	0.3126	41	79	36	8	R4575/16
	8.00	0.3150	41	79	36	8	R4578.0
	8.05	0.3169	47	89	40	10	R4578.05
	8.10	0.3189	47	89	40	10	R4578.1
	8.20	0.3228	47	89	40	10	R4578.2
21/64	8.33	0.3280	47	89	40	10	R45721/64
	8.40	0.3307	47	89	40	10	R4578.4
	8.50	0.3346	47	89	40	10	R4578.5
	8.60	0.3386	47	89	40	10	R4578.6
	8.70	0.3425	47	89	40	10	R4578.7
11/32	8.73	0.3437	47	89	40	10	R45711/32
	8.80	0.3465	47	89	40	10	R4578.8
	8.90	0.3504	47	89	40	10	R4578.9
	9.00	0.3543	47	89	40	10	R4579.0
	9.10	0.3583	47	89	40	10	R4579.1
23/64	9.13	0.3594	47	89	40	10	R45723/64
	9.30	0.3661	47	89	40	10	R4579.3
	9.40	0.3701	47	89	40	10	R4579.4
	9.50	0.3740	47	89	40	10	R4579.5
3/8	9.52	0.3748	47	89	40	10	R4573/8
	9.60	0.3780	47	89	40	10	R4579.6
	9.70	0.3819	47	89	40	10	R4579.7
	9.80	0.3858	47	89	40	10	R4579.8
	9.90	0.3898	47	89	40	10	R4579.9
25/64	9.92	0.3906	47	89	40	10	R45725/64
	10.00	0.3937	47	89	40	10	R45710.0
	10.05	0.3957	55	102	45	12	R45710.05

R457

DORMER

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.10	0.3976	55	102	45	12	**R45710.1**
	10.20	0.4016	55	102	45	12	**R45710.2**
	10.30	0.4055	55	102	45	12	**R45710.3**
13/32	10.32	0.4063	55	102	45	12	**R45713/32**
	10.40	0.4094	55	102	45	12	**R45710.4**
	10.50	0.4134	55	102	45	12	**R45710.5**
	10.60	0.4173	55	102	45	12	**R45710.6**
27/64	10.72	0.4220	55	102	45	12	**R45727/64**
	11.00	0.4331	55	102	45	12	**R45711.0**
7/16	11.11	0.4374	55	102	45	12	**R4577/16**
	11.20	0.4409	55	102	45	12	**R45711.2**
	11.40	0.4488	55	102	45	12	**R45711.4**
	11.50	0.4528	55	102	45	12	**R45711.5**
29/64	11.51	0.4531	55	102	45	12	**R45729/64**
	11.60	0.4567	55	102	45	12	**R45711.6**
	11.80	0.4646	55	102	45	12	**R45711.8**
15/32	11.91	0.4689	55	102	45	12	**R45715/32**
	12.00	0.4724	55	102	45	12	**R45712.0**
	12.05	0.4744	60	107	45	14	**R45712.05**
	12.10	0.4764	60	107	45	14	**R45712.1**
	12.20	0.4803	60	107	45	14	**R45712.2**
31/64	12.30	0.4843	60	107	45	14	**R45731/64**
	12.50	0.4921	60	107	45	14	**R45712.5**
	12.70	0.5000	60	107	45	14	**R45712.7**
1/2	12.70	0.5000	60	107	45	14	**R4571/2**
	12.80	0.5039	60	107	45	14	**R45712.8**
	13.00	0.5118	60	107	45	14	**R45713.0**
33/64	13.10	0.5157	60	107	45	14	**R45733/64**
17/32	13.49	0.5311	60	107	45	14	**R45717/32**
	13.50	0.5315	60	107	45	14	**R45713.5**
	13.80	0.5433	60	107	45	14	**R45713.8**
35/64	13.89	0.5469	60	107	45	14	**R45735/64**

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	14.00	0.5512	60	107	45	14	**R45714.0**
	14.25	0.5610	65	115	48	16	**R45714.25**
9/16	14.29	0.5626	65	115	48	16	**R4579/16**
	14.50	0.5709	65	115	48	16	**R45714.5**
37/64	14.68	0.5780	65	115	48	16	**R45737/64**
	14.80	0.5827	65	115	48	16	**R45714.8**
	15.00	0.5906	65	115	48	16	**R45715.0**
19/32	15.08	0.5937	65	115	48	16	**R45719/32**
	15.10	0.5945	65	115	48	16	**R45715.1**
39/64	15.48	0.6094	65	115	48	16	**R45739/64**
	15.50	0.6102	65	115	48	16	**R45715.5**
	15.80	0.6252	65	115	48	16	**R45715.8**
5/8	15.88	0.6252	65	115	48	16	**R4575/8**
	16.00	0.6299	65	115	48	16	**R45716.0**
41/64	16.27	0.6406	73	123	48	18	**R45741/64**
	16.50	0.6496	73	123	48	18	**R45716.5**
21/32	16.67	0.6563	73	123	48	18	**R45721/32**
	17.00	0.6693	73	123	48	18	**R45717.0**
43/64	17.07	0.6720	73	123	48	18	**R45743/64**
11/16	17.46	0.6874	73	123	48	18	**R45711/16**
	17.50	0.6890	73	123	48	18	**R45717.5**
45/64	17.86	0.7031	73	123	48	18	**R45745/64**
	18.00	0.7087	73	123	48	18	**R45718.0**
23/32	18.26	0.7189	79	131	50	20	**R45723/32**
	18.50	0.7283	79	131	50	20	**R45718.5**
47/64	18.65	0.7343	79	131	50	20	**R45747/64**
	18.80	0.7480	79	131	50	20	**R45718.8**
	19.00	0.7480	79	131	50	20	**R45719.0**
3/4	19.05	0.7500	79	131	50	20	**R4573/4**
	19.50	0.7677	79	131	50	20	**R45719.5**
	19.80	0.7874	79	131	50	20	**R45719.8**
	20.00	0.7874	79	131	50	20	**R45720.0**

R520

- CDX vrták
- Burghiu CDX scurt
- CDX Csigafúró
- Сверло CDX, укороченное исполнение
- Wiertło typu CDX krótkie
- CDX sveder, kratki

CDX

R520

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 5.1 7.1 7.2 7.3 7.4 8.1 8.2

● 1.7 1.8 2.1 4.1 4.2 4.3

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	16	46	**R5203.0**
	3.10	0.1220	18	49	**R5203.1**
1/8	3.18	0.1252	18	49	**R5201/8**
	3.20	0.1260	18	49	**R5203.2**
	3.30	0.1299	18	49	**R5203.3**
	3.40	0.1339	20	52	**R5203.4**
	3.50	0.1378	20	52	**R5203.5**
9/64	3.57	0.1406	20	52	**R5209/64**
	3.60	0.1417	20	52	**R5203.6**
	3.70	0.1457	20	52	**R5203.7**
	3.80	0.1496	22	55	**R5203.8**
	3.90	0.1535	22	55	**R5203.9**
5/32	3.97	0.1563	22	55	**R5205/32**
	4.00	0.1575	22	55	**R5204.0**
	4.10	0.1614	22	55	**R5204.1**
	4.20	0.1654	22	55	**R5204.2**
	4.30	0.1693	24	58	**R5204.3**
11/64	4.37	0.1720	24	58	**R52011/64**
	4.40	0.1732	24	58	**R5204.4**
	4.50	0.1772	24	58	**R5204.5**
	4.60	0.1811	24	58	**R5204.6**
	4.70	0.1850	24	58	**R5204.7**
3/16	4.76	0.1874	26	62	**R5203/16**
	4.80	0.1890	26	62	**R5204.8**
	4.90	0.1929	26	62	**R5204.9**
	5.00	0.1969	26	62	**R5205.0**
	5.10	0.2008	26	62	**R5205.1**
13/64	5.16	0.2031	26	62	**R52013/64**
	5.20	0.2047	26	62	**R5205.2**
	5.30	0.2087	26	62	**R5205.3**
	5.40	0.2126	28	66	**R5205.4**
	5.50	0.2165	28	66	**R5205.5**
7/32	5.56	0.2189	28	66	**R5207/32**
	5.60	0.2205	28	66	**R5205.6**
	5.70	0.2244	28	66	**R5205.7**
	5.80	0.2283	28	66	**R5205.8**
	5.90	0.2323	28	66	**R5205.9**
15/64	5.95	0.2343	28	66	**R52015/64**
	6.00	0.2362	28	66	**R5206.0**
	6.10	0.2402	31	70	**R5206.1**
	6.20	0.2441	31	70	**R5206.2**
	6.30	0.2480	31	70	**R5206.3**
1/4	6.35	0.2500	31	70	**R5201/4**
	6.40	0.2520	31	70	**R5206.4**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.50	0.2559	31	70	**R5206.5**
	6.60	0.2598	31	70	**R5206.6**
	6.70	0.2638	31	70	**R5206.7**
17/64	6.75	0.2657	34	74	**R52017/64**
	6.80	0.2677	34	74	**R5206.8**
	6.90	0.2717	34	74	**R5206.9**
	7.00	0.2756	34	74	**R5207.0**
	7.10	0.2795	34	74	**R5207.1**
9/32	7.14	0.2811	34	74	**R5209/32**
	7.20	0.2835	34	74	**R5207.2**
	7.30	0.2874	34	74	**R5207.3**
	7.40	0.2913	34	74	**R5207.4**
	7.50	0.2953	34	74	**R5207.5**
19/64	7.54	0.2969	37	79	**R52019/64**
	7.60	0.2992	37	79	**R5207.6**
	7.70	0.3031	37	79	**R5207.7**
	7.80	0.3071	37	79	**R5207.8**
	7.90	0.3110	37	79	**R5207.9**
5/16	7.94	0.3126	37	79	**R5205/16**
	8.00	0.3150	37	79	**R5208.0**
	8.10	0.3189	37	79	**R5208.1**
	8.20	0.3228	37	79	**R5208.2**
	8.30	0.3268	37	79	**R5208.3**
21/64	8.33	0.3280	37	79	**R52021/64**
	8.40	0.3307	37	79	**R5208.4**
	8.50	0.3346	37	79	**R5208.5**
	8.60	0.3386	40	84	**R5208.6**
	8.70	0.3425	40	84	**R5208.7**
11/32	8.73	0.3437	40	84	**R52011/32**
	8.80	0.3465	40	84	**R5208.8**
	8.90	0.3504	40	84	**R5208.9**
	9.00	0.3543	40	84	**R5209.0**
	9.10	0.3583	40	84	**R5209.1**
23/64	9.13	0.3594	40	84	**R52023/64**
	9.20	0.3622	40	84	**R5209.2**
	9.30	0.3661	40	84	**R5209.3**
	9.40	0.3701	40	84	**R5209.4**
	9.50	0.3740	40	84	**R5209.5**
3/8	9.53	0.3752	43	89	**R5203/8**
	9.60	0.3780	43	89	**R5209.6**
	9.70	0.3819	43	89	**R5209.7**
	9.80	0.3858	43	89	**R5209.8**
	9.90	0.3898	43	89	**R5209.9**
25/64	9.92	0.3906	43	89	**R52025/64**

R520

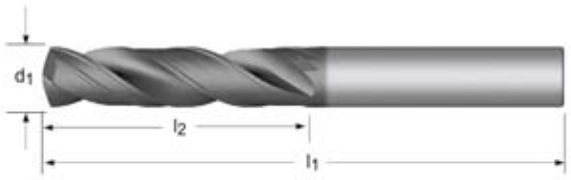
DORMER

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	43	89	**R52010.0**
	10.10	0.3976	43	89	**R52010.1**
	10.20	0.4016	43	89	**R52010.2**
	10.30	0.4055	43	89	**R52010.3**
13/32	10.32	0.4063	43	89	**R52013/32**
	10.40	0.4094	43	89	**R52010.4**
	10.50	0.4134	43	89	**R52010.5**
27/64	10.72	0.4220	47	95	**R52027/64**
	11.00	0.4331	47	95	**R52011.0**
7/16	11.11	0.4374	47	95	**R5207/16**
	11.20	0.4409	47	95	**R52011.2**
	11.50	0.4528	47	95	**R52011.5**
29/64	11.51	0.4531	47	95	**R52029/64**
15/32	11.91	0.4689	51	102	**R52015/32**
	12.00	0.4724	51	102	**R52012.0**
31/64	12.30	0.4843	51	102	**R52031/64**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	12.50	0.4921	51	102	**R52012.5**
1/2	12.70	0.5000	51	102	**R5201/2**
	13.00	0.5118	51	102	**R52013.0**
	13.50	0.5315	54	107	**R52013.5**
	14.00	0.5512	54	107	**R52014.0**
	14.20	0.5591	56	111	**R52014.2**
	14.25	0.5610	56	111	**R52014.25**
9/16	14.29	0.5626	56	111	**R5209/16**
	14.50	0.5709	56	111	**R52014.5**
	15.00	0.5906	56	111	**R52015.0**
	15.10	0.5945	58	115	**R52015.1**
5/8	15.88	0.6252	58	115	**R5205/8**
	16.00	0.6299	58	115	**R52016.0**
	16.50	0.6496	60	119	**R52016.5**

R590

- CDX vrták krátký s dvojitou fazetkou
- Burghiu CDX scurt cu 2 umeri de conducere
- CDX Kettős Élszalagú Extra Rövid Csigafúró
- Сверло CDX, укороченное исполнение с четырьмя направляющими ленточками
- Wiertło typu CDX krótkie z podwójna lysinka
- CDX sveder, dvojni rezilni rob



CDX

R590

HM | TiAlN | DIN 6539 | 2.5xD | N | 140° | S.P.

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4 7.3 7.4

● 2.1 2.2 2.3 4.2 4.3 5.2 5.3

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
8.00	0.3150	37	79	**R5908.0**
9.00	0.3543	40	84	**R5909.0**
10.00	0.3937	43	89	**R59010.0**
11.00	0.4331	47	95	**R59011.0**

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
12.00	0.4724	51	102	**R59012.0**
13.00	0.5118	51	102	**R59013.0**
14.00	0.5512	54	107	**R59014.0**
16.00	0.6299	58	115	**R59016.0**

R558

DORMER

- CDX vrták
- Burghiu CDX scurt
- CDX Csigafúró
- Сверло CDX, укороченное исполнение
- Wiertło typu CDX krótkie
- CDX sveder, kratki

CDX

R558

HM | TiAlN | DIN 6537 K | 3xD | DIN 6535 HA | N | 130° | S.P.

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

● 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø "/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	20	62	36	6	R5583.0
	3.10	0.1220	20	62	36	6	R5583.1
1/8	3.18	0.1252	20	62	36	6	R5581/8
	3.20	0.1260	20	62	36	6	R5583.2
	3.30	0.1299	20	62	36	6	R5583.3
	3.40	0.1339	20	62	36	6	R5583.4
	3.50	0.1378	20	62	36	6	R5583.5
	3.60	0.1417	20	62	36	6	R5583.6
	3.70	0.1457	20	62	36	6	R5583.7
	3.80	0.1496	24	66	36	6	R5583.8
	3.90	0.1535	24	66	36	6	R5583.9
5/32	3.97	0.1563	24	66	36	6	R5585/32
	4.00	0.1575	24	66	36	6	R5584.0
	4.10	0.1614	24	66	36	6	R5584.1
	4.20	0.1654	24	66	36	6	R5584.2
	4.30	0.1693	24	66	36	6	R5584.3
	4.40	0.1732	24	66	36	6	R5584.4
	4.50	0.1772	24	66	36	6	R5584.5
	4.60	0.1811	24	66	36	6	R5584.6
	4.70	0.1850	24	66	36	6	R5584.7
3/16	4.76	0.1874	28	66	36	6	R5583/16
	4.80	0.1890	28	66	36	6	R5584.8
	4.90	0.1929	28	66	36	6	R5584.9
	5.00	0.1969	28	66	36	6	R5585.0
	5.10	0.2008	28	66	36	6	R5585.1
N7	5.11	0.2012	28	66	36	6	R558N7
	5.20	0.2047	28	66	36	6	R5585.2
	5.30	0.2087	28	66	36	6	R5585.3
	5.40	0.2126	28	66	36	6	R5585.4
	5.50	0.2165	28	66	36	6	R5585.5
	5.60	0.2205	28	66	36	6	R5585.6
	5.70	0.2244	28	66	36	6	R5585.7
	5.80	0.2283	28	66	36	6	R5585.8
	5.90	0.2323	28	66	36	6	R5585.9
	6.00	0.2362	28	66	36	6	R5586.0
	6.10	0.2402	34	66	36	8	R5586.1
	6.20	0.2441	34	79	36	8	R5586.2
	6.30	0.2480	34	79	36	8	R5586.3
1/4	6.35	0.2500	34	79	36	8	R5581/4
	6.40	0.2520	34	79	36	8	R5586.4
	6.50	0.2559	34	79	36	8	R5586.5
F	6.53	0.2571	34	79	36	8	R558F
	6.60	0.2598	34	79	36	8	R5586.6
	6.70	0.2638	34	79	36	8	R5586.7

d_1 Ø "/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	6.80	0.2677	34	79	36	8	R5586.8
	6.90	0.2717	34	79	36	8	R5586.9
I	6.91	0.2720	34	79	36	8	R558I
	7.00	0.2756	34	79	36	8	R5587.0
	7.10	0.2795	41	79	36	8	R5587.1
	7.20	0.2835	41	79	36	8	R5587.2
	7.30	0.2874	41	79	36	8	R5587.3
	7.40	0.2913	41	79	36	8	R5587.4
	7.50	0.2953	41	79	36	8	R5587.5
	7.60	0.2992	41	79	36	8	R5587.6
	7.70	0.3031	41	79	36	8	R5587.7
	7.80	0.3071	41	79	36	8	R5587.8
	7.90	0.3110	41	79	36	8	R5587.9
5/16	7.94	0.3126	41	79	36	8	R5585/16
	8.00	0.3150	41	79	36	8	R5588.0
	8.10	0.3189	47	89	40	10	R5588.1
	8.20	0.3228	47	89	40	10	R5588.2
	8.30	0.3268	47	89	40	10	R5588.3
21/64	8.33	0.3280	47	89	40	10	R55821/64
	8.40	0.3307	47	89	40	10	R5588.4
Q	8.43	0.3318	47	89	40	10	R558Q
	8.50	0.3346	47	89	40	10	R5588.5
	8.60	0.3386	47	89	40	10	R5588.6
R	8.61	0.3390	47	89	40	10	R558R
	8.70	0.3425	47	89	40	10	R5588.7
	8.80	0.3464	47	89	40	10	R5588.8
	8.90	0.3504	47	89	40	10	R5588.9
	9.00	0.3543	47	89	40	10	R5589.0
	9.10	0.3583	47	89	40	10	R5589.1
	9.20	0.3622	47	89	40	10	R5589.2
	9.30	0.3661	47	89	40	10	R5589.3
	9.40	0.3701	47	89	40	10	R5589.4
	9.50	0.3740	47	89	40	10	R5589.5
3/8	9.53	0.3752	47	89	40	10	R5583/8
	9.60	0.3780	47	89	40	10	R5589.6
	9.70	0.3819	47	89	40	10	R5589.7
	9.80	0.3858	47	89	40	10	R5589.8
	9.90	0.3898	47	89	40	10	R5589.9
	10.00	0.3937	47	89	40	10	R55810.0
	10.10	0.3976	55	102	45	12	R55810.1
	10.20	0.4016	55	102	45	12	R55810.2
	10.30	0.4055	55	102	45	12	R55810.3
	10.40	0.4094	55	102	45	12	R55810.4
	10.50	0.4134	55	102	45	12	R55810.5

DORMER

R558

d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.60	0.4173	55	102	45	12	**R55810.6**
	10.70	0.4213	55	102	45	12	**R55810.7**
27/64	10.72	0.4220	55	102	45	12	**R55827/64**
	10.80	0.4252	55	102	45	12	**R55810.8**
	10.90	0.4291	55	102	45	12	**R55810.9**
	11.00	0.4331	55	102	45	12	**R55811.0**
	11.10	0.4370	55	102	45	12	**R55811.1**
7/16	11.11	0.4374	55	102	45	12	**R5587/16**
	11.20	0.4409	55	102	45	12	**R55811.2**
	11.30	0.4449	55	102	45	12	**R55811.3**
	11.40	0.4488	55	102	45	12	**R55811.4**
	11.50	0.4528	55	102	45	12	**R55811.5**
29/64	11.51	0.4531	55	102	45	12	**R55829/64**
	11.60	0.4567	55	102	45	12	**R55811.6**
	11.70	0.4606	55	102	45	12	**R55811.7**
	11.80	0.4646	55	102	45	12	**R55811.8**
	11.90	0.4685	55	102	45	12	**R55811.9**
15/32	11.91	0.4689	55	102	45	12	**R55815/32**
	12.00	0.4724	55	107	45	12	**R55812.0**
	12.10	0.4764	60	107	45	14	**R55812.1**
	12.20	0.4803	60	107	45	14	**R55812.2**
	12.30	0.4843	60	107	45	14	**R55812.3**
31/64	12.30	0.4843	60	107	45	14	**R55831/64**
	12.40	0.4882	60	107	45	14	**R55812.4**
	12.50	0.4921	60	107	45	14	**R55812.5**
	12.60	0.4961	60	107	45	14	**R55812.6**
1/2	12.70	0.5039	60	107	45	14	**R5581/2**
	12.70	0.5039	60	107	45	14	**R55812.8**
	13.00	0.5118	60	107	45	14	**R55813.0**
	13.20	0.5197	60	107	45	14	**R55813.2**
	13.30	0.5236	60	107	45	14	**R55813.3**
	13.50	0.5315	60	107	45	14	**R55813.5**
	13.75	0.5413	60	107	45	14	**R55813.75**
	13.90	0.5472	60	107	45	14	**R55813.9**

d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	14.00	0.5512	60	115	45	14	**R55814.0**
	14.20	0.5591	65	115	48	16	**R55814.2**
	14.25	0.5610	65	115	48	16	**R55814.25**
9/16	14.28	0.5622	65	115	48	16	**R5589/16**
	14.50	0.5709	65	115	48	16	**R55814.5**
	14.60	0.5748	65	115	48	16	**R55814.6**
	14.80	0.5827	65	115	48	16	**R55814.8**
	15.00	0.5906	65	115	48	16	**R55815.0**
	15.10	0.5945	65	115	48	16	**R55815.1**
	15.30	0.6024	65	115	48	16	**R55815.3**
	15.50	0.6102	65	115	48	16	**R55815.5**
	15.60	0.6142	65	115	48	16	**R55815.6**
	15.75	0.6201	65	115	48	16	**R55815.75**
	16.00	0.6299	65	115	48	16	**R55816.0**
	16.10	0.6339	73	123	48	18	**R55816.1**
	16.50	0.6496	73	123	48	18	**R55816.5**
	16.60	0.6535	73	123	48	18	**R55816.6**
	16.80	0.6614	73	123	48	18	**R55816.8**
	17.00	0.6693	73	123	48	18	**R55817.0**
	17.10	0.6732	73	123	48	18	**R55817.1**
	17.50	0.6890	73	123	48	18	**R55817.5**
	17.60	0.6929	73	123	48	18	**R55817.6**
	17.75	0.6988	73	123	48	18	**R55817.75**
	18.00	0.7087	73	131	48	18	**R55818.0**
	18.10	0.7126	79	131	50	20	**R55818.1**
	18.50	0.7283	79	131	50	20	**R55818.5**
	18.60	0.7323	79	131	50	20	**R55818.6**
	19.00	0.7480	79	131	50	20	**R55819.0**
	19.10	0.7520	79	131	50	20	**R55819.1**
	19.30	0.7598	79	131	50	20	**R55819.3**
	19.50	0.7677	79	131	50	20	**R55819.5**
	19.60	0.7717	79	131	50	20	**R55819.6**
	20.00	0.7874	79	131	50	20	**R55820.0**

R557

DORMER

- CDX vrták
- Burghiu CDX scurt
- CDX Csigafúró
- Сверло CDX, укороченное исполнение
- Wiertło typu CDX krótkie
- CDX sveder, kratki

CDX

R557

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 2.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.1 7.2 7.3 7.4

● 1.7 1.8

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
3.00	0.1181	20	62	36	6	R5573.0
3.10	0.1220	20	62	36	6	R5573.1
3.20	0.1260	20	62	36	6	R5573.2
3.30	0.1299	20	62	36	6	R5573.3
3.40	0.1339	20	62	36	6	R5573.4
3.50	0.1378	20	62	36	6	R5573.5
3.60	0.1417	20	62	36	6	R5573.6
3.70	0.1457	20	62	36	6	R5573.7
3.80	0.1496	24	66	36	6	R5573.8
3.90	0.1535	24	66	36	6	R5573.9
4.00	0.1575	24	66	36	6	R5574.0
4.10	0.1614	24	66	36	6	R5574.1
4.20	0.1654	24	66	36	6	R5574.2
4.30	0.1693	24	66	36	6	R5574.3
4.40	0.1732	24	66	36	6	R5574.4
4.50	0.1772	24	66	36	6	R5574.5
4.60	0.1811	24	66	36	6	R5574.6
4.70	0.1850	24	66	36	6	R5574.7
4.80	0.1890	28	66	36	6	R5574.8
4.90	0.1929	28	66	36	6	R5574.9
5.00	0.1969	28	66	36	6	R5575.0
5.10	0.2008	28	66	36	6	R5575.1
5.20	0.2047	28	66	36	6	R5575.2
5.30	0.2087	28	66	36	6	R5575.3
5.40	0.2126	28	66	36	6	R5575.4
5.50	0.2165	28	66	36	6	R5575.5
5.60	0.2205	28	66	36	6	R5575.6
5.70	0.2244	28	66	36	6	R5575.7
5.80	0.2283	28	66	36	6	R5575.8
5.90	0.2323	28	66	36	6	R5575.9
6.00	0.2362	28	66	36	6	R5576.0
6.10	0.2402	34	79	36	8	R5576.1
6.20	0.2441	34	79	36	8	R5576.2
6.30	0.2480	34	79	36	8	R5576.3
6.40	0.2520	34	79	36	8	R5576.4
6.50	0.2559	34	79	36	8	R5576.5
6.60	0.2598	34	79	36	8	R5576.6
6.70	0.2638	34	79	36	8	R5576.7
6.80	0.2677	34	79	36	8	R5576.8
6.90	0.2717	34	79	36	8	R5576.9
7.00	0.2756	34	79	36	8	R5577.0
7.10	0.2795	41	79	36	8	R5577.1
7.20	0.2835	41	79	36	8	R5577.2
7.30	0.2874	41	79	36	8	R5577.3

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
7.40	0.2913	41	79	36	8	R5577.4
7.50	0.2953	41	79	36	8	R5577.5
7.60	0.2992	41	79	36	8	R5577.6
7.70	0.3031	41	79	36	8	R5577.7
7.80	0.3071	41	79	36	8	R5577.8
7.90	0.3110	41	79	36	8	R5577.9
8.00	0.3150	41	79	36	8	R5578.0
8.10	0.3189	47	89	40	10	R5578.1
8.20	0.3228	47	89	40	10	R5578.2
8.30	0.3268	47	89	40	10	R5578.3
8.40	0.3307	47	89	40	10	R5578.4
8.50	0.3346	47	89	40	10	R5578.5
8.60	0.3386	47	89	40	10	R5578.6
8.70	0.3425	47	89	40	10	R5578.7
8.80	0.3465	47	89	40	10	R5578.8
8.90	0.3504	47	89	40	10	R5578.9
9.00	0.3543	47	89	40	10	R5579.0
9.10	0.3583	47	89	40	10	R5579.1
9.20	0.3622	47	89	40	10	R5579.2
9.30	0.3661	47	89	40	10	R5579.3
9.40	0.3701	47	89	40	10	R5579.4
9.50	0.3740	47	89	40	10	R5579.5
9.60	0.3780	47	89	40	10	R5579.6
9.70	0.3819	47	89	40	10	R5579.7
9.80	0.3858	47	89	40	10	R5579.8
9.90	0.3898	47	89	40	10	R5579.9
10.00	0.3937	47	89	40	10	R55710.0
10.10	0.3976	55	102	45	12	R55710.1
10.20	0.4016	55	102	45	12	R55710.2
10.30	0.4055	55	102	45	12	R55710.3
10.40	0.4094	55	102	45	12	R55710.4
10.50	0.4134	55	102	45	12	R55710.5
10.60	0.4173	55	102	45	12	R55710.6
10.70	0.4213	55	102	45	12	R55710.7
10.80	0.4252	55	102	45	12	R55710.8
10.90	0.4291	55	102	45	12	R55710.9
11.00	0.4331	55	102	45	12	R55711.0
11.10	0.4370	55	102	45	12	R55711.1
11.20	0.4409	55	102	45	12	R55711.2
11.30	0.4449	55	102	45	12	R55711.3
11.40	0.4488	55	102	45	12	R55711.4
11.50	0.4528	55	102	45	12	R55711.5
11.60	0.4567	55	102	45	12	R55711.6
11.70	0.4606	55	102	45	12	R55711.7

R557

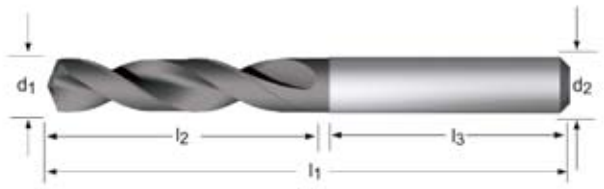
d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
11.80	0.4646	55	102	45	12	**R55711.8**
11.90	0.4685	55	102	45	12	**R55711.9**
12.00	0.4724	55	102	45	12	**R55712.0**
12.10	0.4764	60	107	45	14	**R55712.1**
12.20	0.4803	60	107	45	14	**R55712.2**
12.50	0.4921	60	107	45	14	**R55712.5**
12.80	0.5039	60	107	45	14	**R55712.8**
13.00	0.5118	60	107	45	14	**R55713.0**
13.50	0.5315	60	107	45	14	**R55713.5**
14.00	0.5512	60	107	45	14	**R55714.0**
14.20	0.5591	65	115	48	16	**R55714.2**
14.25	0.5610	65	115	48	16	**R55714.25**
14.50	0.5709	65	115	48	16	**R55714.5**
15.00	0.5906	65	115	48	16	**R55715.0**
15.10	0.5945	65	115	48	16	**R55715.1**
15.50	0.6102	65	115	48	16	**R55715.5**
16.00	0.6299	65	115	48	16	**R55716.0**
16.50	0.6496	73	123	48	18	**R55716.5**
17.00	0.6693	73	123	48	18	**R55717.0**
17.50	0.6890	73	123	48	18	**R55717.5**
18.00	0.7087	73	123	48	18	**R55718.0**
18.50	0.7283	79	131	50	20	**R55718.5**
19.00	0.7480	79	131	50	20	**R55719.0**
19.50	0.7677	79	131	50	20	**R55719.5**
20.00	0.7874	79	131	50	20	**R55720.0**

R567

DORMER

- CDX-Inox vrták
- Burghiu CDX-Inox
- CDX-Inox Csigafúró
- Сверло CDX-Inox
- Wiertło typu CDX- Inox
- CDX-Inox sveder

NEW
2007.10
CDX-Inox



R567

HM | TiAlN Top | DIN 6537 K | 3xD | DIN 6535 HA | N | 140° | S.P.

■ 2.1 2.2 2.3 2.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	20	62	36	6	R5673.0
1/8	3.17	0.1248	20	62	36	6	R5671/8
	3.20	0.1260	20	62	36	6	R5673.2
	3.30	0.1299	20	62	36	6	R5673.3
	3.40	0.1339	20	62	36	6	R5673.4
	3.50	0.1378	20	62	36	6	R5673.5
9/64	3.57	0.1406	20	62	36	6	R5679/64
	3.80	0.1496	24	66	36	6	R5673.8
	3.90	0.1535	24	66	36	6	R5673.9
5/32	3.97	0.1563	24	66	36	6	R5675/32
	4.00	0.1575	24	66	36	6	R5674.0
	4.10	0.1614	24	66	36	6	R5674.1
	4.20	0.1654	24	66	36	6	R5674.2
	4.30	0.1693	24	66	36	6	R5674.3
11/64	4.37	0.1720	24	66	36	6	R56711/64
	4.50	0.1772	24	66	36	6	R5674.5
3/16	4.76	0.1874	28	66	36	6	R5673/16
	5.00	0.1969	28	66	36	6	R5675.0
	5.10	0.2008	28	66	36	6	R5675.1
13/64	5.16	0.2031	28	66	36	6	R56713/64
	5.20	0.2047	28	66	36	6	R5675.2
	5.50	0.2165	28	66	36	6	R5675.5
7/32	5.56	0.2189	28	66	36	6	R5677/32
	5.80	0.2283	28	66	36	6	R5675.8
	6.00	0.2362	28	66	36	6	R5676.0
	6.30	0.2480	34	79	36	8	R5676.3
1/4	6.35	0.2500	34	79	36	8	R5671/4
	6.50	0.2559	34	79	36	8	R5676.5
	6.60	0.2598	34	79	36	8	R5676.6
17/64	6.75	0.2657	34	79	36	8	R56717/64
	6.80	0.2677	34	79	36	8	R5676.8
	6.90	0.2717	34	79	36	8	R5676.9
	7.00	0.2756	34	79	36	8	R5677.0
9/32	7.14	0.2811	41	79	36	8	R5679/32
	7.30	0.2874	41	79	36	8	R5677.3
	7.40	0.2913	41	79	36	8	R5677.4
	7.50	0.2953	41	79	36	8	R5677.5
19/64	7.54	0.2969	41	79	36	8	R56719/64
5/16	7.94	0.3126	41	79	36	8	R5675/16
	8.00	0.3150	41	79	36	8	R5678.0
21/64	8.33	0.3280	47	89	40	10	R56721/64
	8.50	0.3346	47	89	40	10	R5678.5
	8.60	0.3386	47	89	40	10	R5678.6
	8.70	0.3425	47	89	40	10	R5678.7
11/32	8.73	0.3437	47	89	40	10	R56711/32
	8.80	0.3465	47	89	40	10	R5678.8

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	9.00	0.3543	47	89	40	10	R5679.0
23/64	9.13	0.3594	47	89	40	10	R56723/64
	9.30	0.3661	47	89	40	10	R5679.3
	9.40	0.3701	47	89	40	10	R5679.4
	9.50	0.3740	47	89	40	10	R5679.5
3/8	9.52	0.3748	47	89	40	10	R5673/8
25/64	9.92	0.3906	47	89	40	10	R56725/64
	10.00	0.3937	47	89	40	10	R56710.0
	10.20	0.4016	55	102	45	12	R56710.2
	10.30	0.4055	55	102	45	12	R56710.3
13/32	10.32	0.4063	55	102	45	12	R56713/32
	10.40	0.4094	55	102	45	12	R56710.4
	10.50	0.4134	55	102	45	12	R56710.5
27/64	10.72	0.4220	55	102	45	12	R56727/64
	10.80	0.4252	55	102	45	12	R56710.8
	11.00	0.4331	55	102	45	12	R56711.0
	11.10	0.4370	55	102	45	12	R56711.1
7/16	11.11	0.4374	55	102	45	12	R5677/16
	11.20	0.4409	55	102	45	12	R56711.2
	11.50	0.4528	55	102	45	12	R56711.5
29/64	11.51	0.4531	55	102	45	12	R56729/64
	11.80	0.4646	55	102	45	12	R56711.8
15/32	11.91	0.4689	55	102	45	12	R56715/32
	12.00	0.4724	55	102	45	12	R56712.0
	12.10	0.4764	60	107	45	14	R56712.1
	12.20	0.4803	60	107	45	14	R56712.2
31/64	12.30	0.4843	60	107	45	14	R56731/64
	12.50	0.4921	60	107	45	14	R56712.5
1/2	12.70	0.5000	60	107	45	14	R5671/2
	13.00	0.5118	60	107	45	14	R56713.0
33/64	13.10	0.5157	60	107	45	14	R56733/64
17/32	13.49	0.5311	60	107	45	14	R56717/32
	13.50	0.5315	60	107	45	14	R56713.5
35/64	13.89	0.5469	60	107	45	14	R56735/64
	14.00	0.5512	60	107	45	14	R56714.0
	14.20	0.5591	65	115	48	16	R56714.2
	14.25	0.5610	65	115	48	16	R56714.25
9/16	14.29	0.5626	65	115	48	16	R5679/16
	14.50	0.5709	65	115	48	16	R56714.5
37/64	14.68	0.5780	65	115	48	16	R56737/64
	14.75	0.5807	65	115	48	16	R56714.75
	15.00	0.5906	65	115	48	16	R56715.0
19/32	15.08	0.5937	65	115	48	16	R56719/32
	15.50	0.6102	65	115	48	16	R56715.5
5/8	15.88	0.6252	65	115	48	16	R5675/8
	16.00	0.6299	65	115	48	16	R56716.0

R567

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	16.08	0.6331	73	123	48	18	**R56716.08**
	16.50	0.6496	73	123	48	18	**R56716.5**
21/32	16.67	0.6563	73	123	48	18	**R56721/32**
	17.00	0.6693	73	123	48	18	**R56717.0**
11/16	17.46	0.6874	73	123	48	18	**R56711/16**
	17.50	0.6890	73	123	48	18	**R56717.5**
	17.90	0.7047	73	123	48	18	**R56717.9**
	18.00	0.7087	73	123	48	18	**R56718.0**
	18.50	0.7283	79	131	50	20	**R56718.5**
	19.00	0.7480	79	131	50	20	**R56719.0**
3/4	19.05	0.7500	79	131	50	20	**R5673/4**
	19.25	0.7579	79	131	50	20	**R56719.25**
	19.30	0.7598	79	131	50	20	**R56719.3**
	19.35	0.7618	79	131	50	20	**R56719.35**
	20.00	0.7874	79	131	50	20	**R56720.0**

R587

DORMER

- CDX-Al vrták
- Burghiu CDX-Al
- CDX-Al Csigafúró
- Сверло CDX-Al
- Wiertło typu CDX-Al
- CDX-Al sveder

NEW
2009.02

CDX-Al

R587

HM | DIN 6537 K | 3xD | DIN 6535 HA | H | 130° | S.P.

■ 2.1 2.2 2.3 2.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	19	62	36	6	R5873.0
1/8	3.17	0.1248	19	62	36	6	R5871/8
	3.20	0.1260	19	62	36	6	R5873.2
	3.30	0.1299	19	62	36	6	R5873.3
	3.50	0.1378	19	62	36	6	R5873.5
9/64	3.57	0.1406	19	62	36	6	R5879/64
	3.90	0.1535	25	66	36	6	R5873.9
5/32	3.97	0.1563	25	66	36	6	R5875/32
	4.00	0.1575	25	66	36	6	R5874.0
	4.1	0.1614	25	66	36	6	R5874.1
	4.20	0.1654	25	66	36	6	R5874.2
11/64	4.37	0.1720	25	66	36	6	R58711/64
	4.50	0.1772	25	66	36	6	R5874.5
3/16	4.76	0.1874	27	66	36	6	R5873/16
	5.00	0.1969	27	66	36	6	R5875.0
	5.10	0.2008	27	66	36	6	R5875.1
13/64	5.16	0.2031	27	66	36	6	R58713/64
	5.20	0.2047	27	66	36	6	R5875.2
	5.50	0.2165	27	66	36	6	R5875.5
7/32	5.56	0.2189	27	66	36	6	R5877/32
	5.80	0.2283	27	66	36	6	R5875.8
	6.00	0.2362	27	66	36	6	R5876.0
	6.30	0.2480	34	79	36	8	R5876.3
1/4	6.35	0.2500	34	79	36	8	R5871/4
	6.50	0.2559	34	79	36	8	R5876.5
	6.60	0.2598	34	79	36	8	R5876.6
17/64	6.75	0.2657	34	79	36	8	R58717/64
	6.80	0.2677	34	79	36	8	R5876.8
	6.90	0.2717	34	79	36	8	R5876.9
	7.00	0.2756	34	79	36	8	R5877.0
9/32	7.14	0.2811	40	79	36	8	R5879/32
	7.30	0.2874	40	79	36	8	R5877.3
	7.40	0.2913	40	79	36	8	R5877.4
	7.50	0.2953	40	79	36	8	R5877.5
19/64	7.54	0.2969	40	79	36	8	R58719/64
5/16	7.94	0.3126	40	79	36	8	R5875/16
	8.00	0.3150	40	79	36	8	R5878.0
21/64	8.33	0.3280	45	89	40	10	R58721/64
	8.50	0.3346	45	89	40	10	R5878.5
	8.60	0.3386	45	89	40	10	R5878.6
	8.70	0.3425	45	89	40	10	R5878.7
11/32	8.73	0.3437	45	89	40	10	R58711/32
	8.80	0.3465	45	89	40	10	R5878.8
	9.00	0.3543	45	89	40	10	R5879.0
23/64	9.13	0.3594	45	89	40	10	R58723/64
	9.30	0.3661	45	89	40	10	R5879.3
	9.40	0.3701	45	89	40	10	R5879.4
	9.50	0.3740	45	89	40	10	R5879.5
3/8	9.52	0.3748	45	89	40	10	R5873/8
25/64	9.92	0.3906	45	89	40	10	R58725/64

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.00	0.3937	45	89	40	10	R58710.0
	10.20	0.4016	53	102	45	12	R58710.2
	10.30	0.4055	53	102	45	12	R58710.3
13/32	10.32	0.4063	53	102	45	12	R58713/32
	10.40	0.4094	53	102	45	12	R58710.4
	10.50	0.4134	53	102	45	12	R58710.5
27/64	10.72	0.4220	53	102	45	12	R58727/64
	10.80	0.4252	53	102	45	12	R58710.8
	11.00	0.4331	53	102	45	12	R58711.0
	11.10	0.4370	53	102	45	12	R58711.1
7/16	11.11	0.4374	53	102	45	12	R5877/16
	11.20	0.4409	53	102	45	12	R58711.2
	11.50	0.4528	53	102	45	12	R58711.5
29/64	11.51	0.4531	53	102	45	12	R58729/64
	11.80	0.4646	53	102	45	12	R58711.8
15/32	11.91	0.4689	55	102	45	12	R58715/32
	12.00	0.4724	55	102	45	12	R58712.0
	12.10	0.4764	57	107	45	14	R58712.1
	12.20	0.4803	57	107	45	14	R58712.2
31/64	12.30	0.4843	57	107	45	14	R58731/64
	12.50	0.4921	57	107	45	14	R58712.5
1/2	12.70	0.5000	57	107	45	14	R5871/2
	13.00	0.5118	57	107	45	14	R58713.0
33/64	13.10	0.5157	57	107	45	14	R58733/64
17/32	13.49	0.5311	57	107	45	14	R58717/32
	13.50	0.5315	57	107	45	14	R58713.5
35/64	13.89	0.5469	57	107	45	14	R58735/64
	14.00	0.5512	57	107	45	14	R58714.0
	14.20	0.5591	63	115	48	16	R58714.2
	14.25	0.5610	63	115	48	16	R58714.25
9/16	14.29	0.5626	63	115	48	16	R5879/16
	14.50	0.5709	63	115	48	16	R58714.5
37/64	14.68	0.5780	63	115	48	16	R58737/64
	14.75	0.5807	63	115	48	16	R58714.75
	15.00	0.5906	63	115	48	16	R58715.0
19/32	15.08	0.5937	63	115	48	16	R58719/32
	15.50	0.6102	63	115	48	16	R58715.5
5/8	15.88	0.6252	63	115	48	16	R5875/8
	16.00	0.6299	63	115	48	16	R58716.0
	16.50	0.6496	72	123	48	18	R58716.5
21/32	16.67	0.6563	72	123	48	18	R58721/32
	17.00	0.6693	72	123	48	18	R58717.0
11/16	17.46	0.6874	72	123	48	18	R58711/16
	17.50	0.6890	72	123	48	18	R58717.5
	17.90	0.7047	72	123	48	18	R58717.9
	18.00	0.7087	72	123	48	18	R58718.0
	19.00	0.7480	79	131	50	20	R58719.0
3/4	19.05	0.7500	79	131	50	20	R5873/4
	20.00	0.7874	79	131	50	20	R58720.0

R100

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertło ogólnego stosowania
- sveder spiralni

R100

HM | DIN 338 | 4xD | N | 120°

■ 6.2 6.3 8.1 8.2

● 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.00	0.0394	12	34	R1001.0
1.10	0.0433	14	36	R1001.1
1.20	0.0472	16	38	R1001.2
1.30	0.0512	16	38	R1001.3
1.40	0.0551	18	40	R1001.4
1.50	0.0591	18	40	R1001.5
1.60	0.0630	20	43	R1001.6
1.70	0.0669	20	43	R1001.7
1.80	0.0709	22	46	R1001.8
1.90	0.0748	22	46	R1001.9
2.00	0.0787	24	49	R1002.0
2.10	0.0827	24	49	R1002.1
2.20	0.0866	27	53	R1002.2
2.30	0.0906	27	53	R1002.3
2.40	0.0945	30	57	R1002.4
2.50	0.0984	30	57	R1002.5
2.60	0.1024	30	57	R1002.6
2.70	0.1063	33	61	R1002.7
2.80	0.1102	33	61	R1002.8
2.90	0.1142	33	61	R1002.9
3.00	0.1181	33	61	R1003.0
3.10	0.1220	36	65	R1003.1
3.20	0.1260	36	65	R1003.2
3.30	0.1299	36	65	R1003.3
3.40	0.1339	39	70	R1003.4
3.50	0.1378	39	70	R1003.5
3.60	0.1417	39	70	R1003.6
3.70	0.1457	39	70	R1003.7
3.80	0.1496	43	75	R1003.8
3.90	0.1535	43	75	R1003.9
4.00	0.1575	43	75	R1004.0
4.10	0.1614	43	75	R1004.1
4.20	0.1654	43	75	R1004.2
4.30	0.1693	47	80	R1004.3
4.40	0.1732	47	80	R1004.4
4.50	0.1772	47	80	R1004.5
4.60	0.1811	47	80	R1004.6
4.70	0.1850	47	80	R1004.7
4.80	0.1890	52	86	R1004.8
4.90	0.1929	52	86	R1004.9
5.00	0.1969	52	86	R1005.0
5.10	0.2008	52	86	R1005.1
5.20	0.2047	52	86	R1005.2
5.30	0.2087	52	86	R1005.3

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5.40	0.2126	57	93	R1005.4
5.50	0.2165	57	93	R1005.5
5.60	0.2205	57	93	R1005.6
5.70	0.2244	57	93	R1005.7
5.80	0.2283	57	93	R1005.8
5.90	0.2323	57	93	R1005.9
6.00	0.2362	57	93	R1006.0
6.10	0.2402	63	101	R1006.1
6.20	0.2441	63	101	R1006.2
6.30	0.2480	63	101	R1006.3
6.40	0.2520	63	101	R1006.4
6.50	0.2559	63	101	R1006.5
6.60	0.2598	63	101	R1006.6
6.70	0.2638	63	101	R1006.7
6.80	0.2677	69	109	R1006.8
6.90	0.2717	69	109	R1006.9
7.00	0.2756	69	109	R1007.0
7.10	0.2795	69	109	R1007.1
7.20	0.2835	69	109	R1007.2
7.30	0.2874	69	109	R1007.3
7.40	0.2913	69	109	R1007.4
7.50	0.2953	69	109	R1007.5
7.60	0.2992	75	117	R1007.6
7.70	0.3031	75	117	R1007.7
7.80	0.3071	75	117	R1007.8
7.90	0.3110	75	117	R1007.9
8.00	0.3150	75	117	R1008.0
8.10	0.3189	75	117	R1008.1
8.20	0.3228	75	117	R1008.2
8.30	0.3268	75	117	R1008.3
8.40	0.3307	75	117	R1008.4
8.50	0.3346	75	117	R1008.5
8.60	0.3386	81	125	R1008.6
8.70	0.3425	81	125	R1008.7
8.80	0.3465	81	125	R1008.8
8.90	0.3504	81	125	R1008.9
9.00	0.3543	81	125	R1009.0
9.10	0.3583	81	125	R1009.1
9.20	0.3622	81	125	R1009.2
9.30	0.3661	81	125	R1009.3
9.40	0.3701	81	125	R1009.4
9.50	0.3740	81	125	R1009.5
9.60	0.3780	87	133	R1009.6
9.70	0.3819	87	133	R1009.7

R100

DORMER

d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9.80	0.3858	87	133	**R1009.8**
9.90	0.3898	87	133	**R1009.9**
10.00	0.3937	87	133	**R10010.0**
10.20	0.4016	87	133	**R10010.2**
10.50	0.4134	87	133	**R10010.5**
11.00	0.4331	94	142	**R10011.0**
11.50	0.4528	94	142	**R10011.5**
12.00	0.4724	101	151	**R10012.0**
13.00	0.5118	101	151	**R10013.0**
14.00	0.5512	108	160	**R10014.0**

R002

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertło ogólnego stosowania
- sveder spiralni

R002

Délka šroubovice Dormer Standard / Dolgozó hossz Dormer szabvány szerint / Długość ostrza wdg.standardów Dormera / Lungime elicoida conf. Standard Dormer / Длина стружечной канавки согласно стандартам Dormer / Dolžina vijačnice po Dormer standardu

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4

● 6.2 6.3 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	21	61	**R0023.0**
	3.10	0.1220	23	65	**R0023.1**
1/8	3.18	0.1250	23	65	**R0021/8**
	3.20	0.1260	23	65	**R0023.2**
	3.30	0.1299	23	65	**R0023.3**
	3.40	0.1339	26	70	**R0023.4**
	3.50	0.1378	26	70	**R0023.5**
	3.60	0.1417	26	70	**R0023.6**
	3.70	0.1457	26	70	**R0023.7**
	3.80	0.1496	30	75	**R0023.8**
	3.90	0.1535	30	75	**R0023.9**
5/32	3.97	0.1563	30	75	**R0025/32**
	4.00	0.1575	30	75	**R0024.0**
	4.10	0.1614	30	75	**R0024.1**
	4.20	0.1654	30	75	**R0024.2**
	4.30	0.1693	33	80	**R0024.3**
	4.40	0.1732	33	80	**R0024.4**
	4.50	0.1772	33	80	**R0024.5**
	4.60	0.1811	33	80	**R0024.6**
	4.70	0.1850	33	80	**R0024.7**
3/16	4.76	0.1875	37	86	**R0023/16**
	4.80	0.1890	37	86	**R0024.8**
	4.90	0.1929	37	86	**R0024.9**
	5.00	0.1969	37	86	**R0025.0**
	5.10	0.2008	37	86	**R0025.1**
	5.20	0.2047	37	86	**R0025.2**
	5.30	0.2087	37	86	**R0025.3**
	5.40	0.2126	42	93	**R0025.4**
	5.50	0.2165	42	93	**R0025.5**
7/32	5.56	0.2187	42	93	**R0027/32**
	5.60	0.2205	42	93	**R0025.6**
	5.70	0.2244	42	93	**R0025.7**
	5.80	0.2283	42	93	**R0025.8**
	5.90	0.2323	42	93	**R0025.9**
	6.00	0.2362	42	93	**R0026.0**
	6.10	0.2402	47	101	**R0026.1**
	6.20	0.2441	47	101	**R0026.2**
	6.30	0.2480	47	101	**R0026.3**
1/4	6.35	0.2500	47	101	**R0021/4**
	6.40	0.2520	47	101	**R0026.4**
	6.50	0.2559	47	101	**R0026.5**
	6.60	0.2598	47	101	**R0026.6**
	6.70	0.2638	47	101	**R0026.7**
	6.80	0.2677	53	109	**R0026.8**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.90	0.2717	53	109	**R0026.9**
	7.00	0.2756	53	109	**R0027.0**
	7.10	0.2795	53	109	**R0027.1**
9/32	7.15	0.2813	53	109	**R0029/32**
	7.20	0.2835	53	109	**R0027.2**
	7.30	0.2874	53	109	**R0027.3**
	7.40	0.2913	53	109	**R0027.4**
	7.50	0.2953	53	109	**R0027.5**
	7.60	0.2992	60	117	**R0027.6**
	7.70	0.3031	60	117	**R0027.7**
	7.80	0.3071	60	117	**R0027.8**
	7.90	0.3110	60	117	**R0027.9**
5/16	7.94	0.3125	60	117	**R0025/16**
	8.00	0.3150	60	117	**R0028.0**
	8.10	0.3189	60	117	**R0028.1**
	8.20	0.3228	60	117	**R0028.2**
	8.30	0.3268	60	117	**R0028.3**
	8.40	0.3307	60	117	**R0028.4**
	8.50	0.3346	60	117	**R0028.5**
	8.60	0.3386	67	125	**R0028.6**
	8.70	0.3425	67	125	**R0028.7**
11/32	8.73	0.3437	67	125	**R00211/32**
	8.80	0.3465	67	125	**R0028.8**
	8.90	0.3504	67	125	**R0028.9**
	9.00	0.3543	67	125	**R0029.0**
	9.10	0.3583	67	125	**R0029.1**
	9.20	0.3622	67	125	**R0029.2**
	9.30	0.3661	67	125	**R0029.3**
	9.40	0.3701	67	125	**R0029.4**
	9.50	0.3740	67	125	**R0029.5**
3/8	9.53	0.3750	70	133	**R0023/8**
	9.60	0.3780	70	133	**R0029.6**
	9.70	0.3819	70	133	**R0029.7**
	9.80	0.3858	70	133	**R0029.8**
	9.90	0.3898	70	133	**R0029.9**
	10.00	0.3937	70	133	**R00210.0**
	10.10	0.3976	74	133	**R00210.1**
	10.20	0.4016	74	133	**R00210.2**
	10.30	0.4055	74	133	**R00210.3**
13/32	10.32	0.4063	74	133	**R00213/32**
	10.40	0.4094	74	133	**R00210.4**
	10.50	0.4134	74	133	**R00210.5**
	10.60	0.4173	74	133	**R00210.6**
	10.70	0.4213	83	142	**R00210.7**

R002

DORMER

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.80	0.4252	83	142	**R00210.8**
	10.90	0.4291	83	142	**R00210.9**
	11.00	0.4331	83	142	**R00211.0**
	11.10	0.4370	83	142	**R00211.1**
7/16	11.11	0.4375	83	142	**R0027/16**
	11.20	0.4409	83	142	**R00211.2**
	11.30	0.4449	83	142	**R00211.3**
	11.40	0.4488	83	142	**R00211.4**
	11.50	0.4528	83	142	**R00211.5**
	11.60	0.4567	83	142	**R00211.6**
	11.70	0.4606	83	142	**R00211.7**
	11.80	0.4646	83	142	**R00211.8**
	11.90	0.4685	93	151	**R00211.9**
15/32	11.91	0.4687	93	151	**R00215/32**
	12.00	0.4724	93	151	**R00212.0**
	12.10	0.4764	93	151	**R00212.1**
	12.20	0.4803	93	151	**R00212.2**
	12.30	0.4843	93	151	**R00212.3**
	12.40	0.4882	93	151	**R00212.4**
	12.50	0.4921	93	151	**R00212.5**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	12.60	0.4961	93	151	**R00212.6**
1/2	12.70	0.5000	93	151	**R0021/2**
	12.70	0.5000	93	151	**R00212.7**
	12.80	0.5039	93	151	**R00212.8**
	12.90	0.5079	93	151	**R00212.9**
	13.00	0.5118	93	151	**R00213.0**
	13.10	0.5157	93	151	**R00213.1**
	13.20	0.5197	93	151	**R00213.2**
	13.30	0.5236	98	160	**R00213.3**
	13.40	0.5276	98	160	**R00213.4**
17/32	13.49	0.5313	98	160	**R00217/32**
	13.50	0.5315	98	160	**R00213.5**
	13.60	0.5354	98	160	**R00213.6**
	13.70	0.5394	98	160	**R00213.7**
	13.80	0.5433	98	160	**R00213.8**
	13.90	0.5472	98	160	**R00213.9**
	14.00	0.5512	98	160	**R00214.0**

R454

- MP-X vrták dlouhý
- Burghiu serie lung MP-X
- MP-X Hosszú Csigafúró
- Сверло MP-X
- Wiertło typu MP-X,dlugie
- MP-X sveder, podaljšani

MP-X

R454

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 6.1 6.2 6.3 7.1 7.2 7.3 7.4

● 4.1 4.2 4.3 6.4

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	28	66	36	6	R4543.0
	3.10	0.1220	28	66	36	6	R4543.1
1/8	3.17	0.1250	28	66	36	6	R4541/8
	3.20	0.1260	28	66	36	6	R4543.2
	3.30	0.1299	28	66	36	6	R4543.3
	3.40	0.1339	28	66	36	6	R4543.4
	3.50	0.1378	28	66	36	6	R4543.5
9/64	3.57	0.1406	28	66	36	6	R4549/64
	3.60	0.1417	28	66	36	6	R4543.6
	3.70	0.1457	28	66	36	6	R4543.7
	3.80	0.1496	36	74	36	6	R4543.8
	3.90	0.1535	36	74	36	6	R4543.9
5/32	3.97	0.1563	36	74	36	6	R4545/32
	4.00	0.1575	36	74	36	6	R4544.0
	4.10	0.1614	36	74	36	6	R4544.1
	4.20	0.1654	36	74	36	6	R4544.2
	4.30	0.1693	36	74	36	6	R4544.3
11/64	4.37	0.1720	36	74	36	6	R45411/64
	4.40	0.1732	36	74	36	6	R4544.4
	4.50	0.1772	36	74	36	6	R4544.5
	4.60	0.1811	36	74	36	6	R4544.6
	4.70	0.1850	36	74	36	6	R4544.7
3/16	4.76	0.1874	44	82	36	6	R4543/16
	4.80	0.1890	44	82	36	6	R4544.8
	4.90	0.1929	44	82	36	6	R4544.9
	5.00	0.1969	44	82	36	6	R4545.0
	5.10	0.2008	44	82	36	6	R4545.1
13/64	5.16	0.2031	44	82	36	6	R45413/64
	5.20	0.2047	44	82	36	6	R4545.2
	5.50	0.2165	44	82	36	6	R4545.5
7/32	5.56	0.2189	44	82	36	6	R4547/32
	5.60	0.2205	44	82	36	6	R4545.6
	5.70	0.2244	44	82	36	6	R4545.7
	5.80	0.2283	44	82	36	6	R4545.8
15/64	5.95	0.2343	44	82	36	6	R45415/64
	6.00	0.2362	44	82	36	6	R4546.0
	6.10	0.2402	53	91	36	8	R4546.1
	6.20	0.2441	53	91	36	8	R4546.2
	6.30	0.2480	53	91	36	8	R4546.3
1/4	6.35	0.2500	53	91	36	8	R4541/4
	6.40	0.2520	53	91	36	8	R4546.4
	6.50	0.2559	53	91	36	8	R4546.5
	6.60	0.2598	53	91	36	8	R4546.6
	6.70	0.2638	53	91	36	8	R4546.7

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
17/64	6.75	0.2657	53	91	36	8	R45417/64
	6.80	0.2677	53	91	36	8	R4546.8
	6.90	0.2717	53	91	36	8	R4546.9
	7.00	0.2756	53	91	36	8	R4547.0
	7.10	0.2795	53	91	36	8	R4547.1
9/32	7.14	0.2811	53	91	36	8	R4549/32
	7.30	0.2874	53	91	36	8	R4547.3
	7.40	0.2913	53	91	36	8	R4547.4
	7.50	0.2953	53	91	36	8	R4547.5
19/64	7.54	0.2969	53	91	36	8	R45419/64
	7.60	0.2992	53	91	36	8	R4547.6
	7.70	0.3031	53	91	36	8	R4547.7
	7.80	0.3071	53	91	36	8	R4547.8
	7.90	0.3110	53	91	36	8	R4547.9
5/16	7.94	0.3126	53	91	36	8	R4545/16
	8.00	0.3150	53	91	36	8	R4548.0
	8.10	0.3189	61	103	40	10	R4548.1
	8.20	0.3228	61	103	40	10	R4548.2
21/64	8.33	0.3280	61	103	40	10	R45421/64
	8.40	0.3307	61	103	40	10	R4548.4
	8.50	0.3346	61	103	40	10	R4548.5
	8.60	0.3386	61	103	40	10	R4548.6
	8.70	0.3425	61	103	40	10	R4548.7
11/32	8.73	0.3437	61	103	40	10	R45411/32
	8.80	0.3465	61	103	40	10	R4548.8
	8.90	0.3504	61	103	40	10	R4548.9
	9.00	0.3543	61	103	40	10	R4549.0
	9.10	0.3583	61	103	40	10	R4549.1
23/64	9.13	0.3594	61	103	40	10	R45423/64
	9.30	0.3661	61	103	40	10	R4549.3
	9.40	0.3700	61	103	40	10	R4549.4
	9.50	0.3740	61	103	40	10	R4549.5
3/8	9.52	0.3748	61	103	40	10	R4543/8
	9.60	0.3780	61	103	40	10	R4549.6
	9.70	0.3819	61	103	40	10	R4549.7
	9.80	0.3858	61	103	40	10	R4549.8
	9.90	0.3898	61	103	40	10	R4549.9
25/64	9.92	0.3906	61	103	40	10	R45425/64
	10.00	0.3937	61	103	40	10	R45410.0
	10.10	0.3976	70	118	45	12	R45410.1
	10.20	0.4016	70	118	45	12	R45410.2
	10.30	0.4055	70	118	45	12	R45410.3
13/32	10.32	0.4063	70	118	45	12	R45413/32
	10.40	0.4094	70	118	45	12	R45410.4

R454

DORMER

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.50	0.4134	70	118	45	12	**R45410.5**
	10.60	0.4173	70	118	45	12	**R45410.6**
27/64	10.72	0.4220	70	118	45	12	**R45427/64**
	11.00	0.4331	70	118	45	12	**R45411.0**
7/16	11.11	0.4374	70	118	45	12	**R4547/16**
	11.20	0.4409	70	118	45	12	**R45411.2**
	11.40	0.4488	70	118	45	12	**R45411.4**
	11.50	0.4528	70	118	45	12	**R45411.5**
29/64	11.51	0.4531	70	118	45	12	**R45429/64**
	11.60	0.4567	70	118	45	12	**R45411.6**
	11.80	0.4646	70	118	45	12	**R45411.8**
15/32	11.91	0.4689	70	118	45	12	**R45415/32**
	12.00	0.4724	70	118	45	12	**R45412.0**
	12.10	0.4764	76	124	45	14	**R45412.1**
	12.20	0.4803	76	124	45	14	**R45412.2**
31/64	12.30	0.4843	76	124	45	14	**R45431/64**
	12.50	0.4921	76	124	45	14	**R45412.5**
	12.70	0.5000	76	124	45	14	**R45412.7**
1/2	12.70	0.5000	76	124	45	14	**R4541/2**
	12.80	0.5039	76	124	45	14	**R45412.8**
	13.00	0.5118	76	124	45	14	**R45413.0**
33/64	13.10	0.5157	76	124	45	14	**R45433/64**
17/32	13.49	0.5311	76	124	45	14	**R45417/32**
	13.50	0.5315	76	124	45	14	**R45413.5**
	13.80	0.5433	76	124	45	14	**R45413.8**
35/64	13.89	0.5469	76	124	45	14	**R45435/64**
	14.00	0.5512	76	124	45	14	**R45414.0**
	14.25	0.5610	82	133	48	16	**R45414.25**
9/16	14.29	0.5626	82	133	48	16	**R4549/16**
	14.50	0.5709	82	133	48	16	**R45414.5**
37/64	14.68	0.5780	82	133	48	16	**R45437/64**
	14.80	0.5827	82	133	48	16	**R45414.8**
	15.00	0.5906	82	133	48	16	**R45415.0**
19/32	15.08	0.5937	82	133	48	16	**R45419/32**
	15.10	0.5945	82	133	48	16	**R45415.1**
39/64	15.48	0.6094	82	133	48	16	**R45439/64**
	15.50	0.6102	82	133	48	16	**R45415.5**
	15.80	0.6220	82	133	48	16	**R45415.8**
5/8	15.88	0.6252	82	133	48	16	**R4545/8**
	16.00	0.6299	82	133	48	16	**R45416.0**
41/64	16.27	0.6406	91	143	48	18	**R45441/64**
	16.50	0.6496	91	143	48	18	**R45416.5**
21/32	16.67	0.6563	91	143	48	18	**R45421/32**
	17.00	0.6693	91	143	48	18	**R45417.0**
43/64	17.07	0.6720	91	143	48	18	**R45443/64**
11/16	17.46	0.6874	91	143	48	18	**R45411/16**
	17.50	0.6890	91	143	48	18	**R45417.5**
	17.80	0.7008	91	143	48	18	**R45417.8**
45/64	17.86	0.7031	91	143	48	18	**R45445/64**
	18.00	0.7087	91	143	48	18	**R45418.0**
23/32	18.26	0.7189	99	153	50	20	**R45423/32**
	18.50	0.7283	99	153	50	20	**R45418.5**
47/64	18.65	0.7343	99	153	50	20	**R45447/64**
	19.00	0.7480	99	153	50	20	**R45419.0**
3/4	19.05	0.7500	99	153	50	20	**R4543/4**
	19.50	0.7677	99	153	50	20	**R45419.5**
	19.80	0.7795	99	153	50	20	**R45419.8**
	20.00	0.7874	99	153	50	20	**R45420.0**

R453

- MP-X vrták dlouhý
- MP-X Hosszú Csigafúró
- Wiertło typu MP-X,długie
- Burghiu serie lung MP-X
- Сверло MP-X
- MP-X sveder, podaljšani

MP-X

R453

HM | TiAlN | DIN 6537 L | <5XD | DIN 6535 HA | 140°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4

● 2.3

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	28	66	36	6	R4533.0
	3.10	0.1220	28	66	36	6	R4533.1
1/8	3.17	0.1250	28	66	36	6	R4531/8
	3.20	0.1260	28	66	36	6	R4533.2
	3.30	0.1299	28	66	36	6	R4533.3
	3.40	0.1339	28	66	36	6	R4533.4
	3.50	0.1378	28	66	36	6	R4533.5
9/64	3.57	0.1406	28	66	36	6	R4539/64
	3.60	0.1417	28	66	36	6	R4533.6
	3.70	0.1457	28	66	36	6	R4533.7
	3.80	0.1496	36	74	36	6	R4533.8
	3.90	0.1535	36	74	36	6	R4533.9
5/32	3.97	0.1562	36	74	36	6	R4535/32
	4.00	0.1575	36	74	36	6	R4534.0
	4.05	0.1594	36	74	36	6	R4534.05
	4.10	0.1614	36	74	36	6	R4534.1
	4.20	0.1654	36	74	36	6	R4534.2
	4.30	0.1693	36	74	36	6	R4534.3
11/64	4.37	0.1718	36	74	36	6	R45311/64
	4.40	0.1732	36	74	36	6	R4534.4
	4.50	0.1772	36	74	36	6	R4534.5
	4.60	0.1811	36	74	36	6	R4534.6
	4.70	0.1850	36	74	36	6	R4534.7
3/16	4.76	0.1874	44	82	36	6	R4533/16
	4.80	0.1890	44	82	36	6	R4534.8
	4.90	0.1929	44	82	36	6	R4534.9
	5.00	0.1969	44	82	36	6	R4535.0
	5.05	0.1988	44	82	36	6	R4535.05
	5.10	0.2008	44	82	36	6	R4535.1
13/64	5.16	0.2031	44	82	36	6	R45313/64
	5.20	0.2047	44	82	36	6	R4535.2
	5.50	0.2165	44	82	36	6	R4535.5
7/32	5.56	0.2187	44	82	36	6	R4537/32
	5.60	0.2204	44	82	36	6	R4535.6
	5.70	0.2244	44	82	36	6	R4535.7
	5.80	0.2283	44	82	36	6	R4535.8
15/64	5.95	0.2343	44	82	36	6	R45315/64
	6.00	0.2362	44	82	36	6	R4536.0
	6.05	0.2382	53	91	36	8	R4536.05
	6.10	0.2402	53	91	36	8	R4536.1
	6.20	0.2441	53	91	36	8	R4536.2
	6.30	0.2480	53	91	36	8	R4536.3
1/4	6.35	0.2500	53	91	36	8	R4531/4
	6.40	0.2520	53	91	36	8	R4536.4

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	6.50	0.2559	53	91	36	8	R4536.5
	6.60	0.2598	53	91	36	8	R4536.6
	6.70	0.2638	53	91	36	8	R4536.7
17/64	6.75	0.2656	53	91	36	8	R45317/64
	6.80	0.2677	53	91	36	8	R4536.8
	6.90	0.2717	53	91	36	8	R4536.9
	7.00	0.2756	53	91	36	8	R4537.0
	7.10	0.2795	53	91	36	8	R4537.1
9/32	7.14	0.2812	53	91	36	8	R4539/32
	7.30	0.2874	53	91	36	8	R4537.3
	7.40	0.2913	53	91	36	8	R4537.4
	7.50	0.2953	53	91	36	8	R4537.5
19/64	7.54	0.2968	53	91	36	8	R45319/64
	7.60	0.2992	53	91	36	8	R4537.6
	7.70	0.3031	53	91	36	8	R4537.7
	7.80	0.3071	53	91	36	8	R4537.8
	7.90	0.3110	53	91	36	8	R4537.9
5/16	7.94	0.3125	53	91	36	8	R4535/16
	8.00	0.3150	53	91	36	8	R4538.0
	8.05	0.3169	61	103	40	10	R4538.05
	8.10	0.3189	61	103	40	10	R4538.1
	8.20	0.3228	61	103	40	10	R4538.2
21/64	8.33	0.3281	61	103	40	10	R45321/64
	8.40	0.3307	61	103	40	10	R4538.4
	8.50	0.3346	61	103	40	10	R4538.5
	8.60	0.3386	61	103	40	10	R4538.6
	8.70	0.3425	61	103	40	10	R4538.7
11/32	8.73	0.3437	61	103	40	10	R45311/32
	8.80	0.3465	61	103	40	10	R4538.8
	8.90	0.3504	61	103	40	10	R4538.9
	9.00	0.3543	61	103	40	10	R4539.0
	9.10	0.3583	61	103	40	10	R4539.1
23/64	9.13	0.3593	61	103	40	10	R45323/64
	9.30	0.3661	61	103	40	10	R4539.3
	9.40	0.3701	61	103	40	10	R4539.4
	9.50	0.3740	61	103	40	10	R4539.5
3/8	9.52	0.3750	61	103	40	10	R4533/8
	9.60	0.3780	61	103	40	10	R4539.6
	9.70	0.3819	61	103	40	10	R4539.7
	9.80	0.3858	61	103	40	10	R4539.8
	9.90	0.3898	61	103	40	10	R4539.9
25/64	9.92	0.3906	61	103	40	10	R45325/64
	10.00	0.3937	61	103	40	10	R45310.0
	10.05	0.3957	70	118	45	12	R45310.05

R453

DORMER

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.10	0.3976	70	118	45	12	**R45310.1**
	10.20	0.4016	70	118	45	12	**R45310.2**
	10.30	0.4055	70	118	45	12	**R45310.3**
13/32	10.32	0.4062	70	118	45	12	**R45313/32**
	10.40	0.4094	70	118	45	12	**R45310.4**
	10.50	0.4134	70	118	45	12	**R45310.5**
	10.60	0.4173	70	118	45	12	**R45310.6**
27/64	10.72	0.4218	70	118	45	12	**R45327/64**
	11.00	0.4331	70	118	45	12	**R45311.0**
7/16	11.11	0.4374	70	118	45	12	**R4537/16**
	11.20	0.4409	70	118	45	12	**R45311.2**
	11.40	0.4488	70	118	45	12	**R45311.4**
	11.50	0.4528	70	118	45	12	**R45311.5**
29/64	11.51	0.4531	70	118	45	12	**R45329/64**
	11.60	0.4567	70	118	45	12	**R45311.6**
	11.80	0.4646	70	118	45	12	**R45311.8**
15/32	11.91	0.4687	70	118	45	12	**R45315/32**
	12.00	0.4724	70	118	45	12	**R45312.0**
	12.05	0.4744	76	124	45	14	**R45312.05**
	12.20	0.4803	76	124	45	14	**R45312.2**
31/64	12.30	0.4843	76	124	45	14	**R45331/64**
	12.50	0.4921	76	124	45	14	**R45312.5**
	12.70	0.5000	76	124	45	14	**R45312.7**
1/2	12.70	0.5000	76	124	45	14	**R4531/2**
	12.80	0.5039	76	124	45	14	**R45312.8**
	13.00	0.5118	76	124	45	14	**R45313.0**
33/64	13.10	0.5156	76	124	45	14	**R45333/64**
17/32	13.49	0.5312	76	124	45	14	**R45317/32**
	13.50	0.5315	76	124	45	14	**R45313.5**
	13.80	0.5433	76	124	45	14	**R45313.8**
35/64	13.89	0.5468	76	124	45	14	**R45335/64**
	14.00	0.5512	76	124	45	14	**R45314.0**
	14.25	0.5610	82	133	48	16	**R45314.25**
9/16	14.29	0.5625	82	133	48	16	**R4539/16**
	14.50	0.5709	82	133	48	16	**R45314.5**
37/64	14.68	0.5781	82	133	48	16	**R45337/64**
	14.80	0.5827	82	133	48	16	**R45314.8**
	15.00	0.5906	82	133	48	16	**R45315.0**
19/32	15.08	0.5937	82	133	48	16	**R45319/32**
	15.10	0.5945	82	133	48	16	**R45315.1**
39/64	15.48	0.6094	82	133	48	16	**R45339/64**
	15.50	0.6102	82	133	48	16	**R45315.5**
	15.80	0.6220	82	133	48	16	**R45315.8**
5/8	15.88	0.6250	82	133	48	16	**R4535/8**
	16.00	0.6299	82	133	48	16	**R45316.0**
41/64	16.27	0.6406	91	143	48	18	**R45341/64**
	16.50	0.6496	91	143	48	18	**R45316.5**
21/32	16.67	0.6562	91	143	48	18	**R45321/32**
	17.00	0.6693	91	143	48	18	**R45317.0**
43/64	17.07	0.6718	91	143	48	18	**R45343/64**
11/16	17.46	0.6874	91	143	48	18	**R45311/16**
	17.50	0.6890	91	143	48	18	**R45317.5**
	17.80	0.7008	91	143	48	18	**R45317.8**
45/64	17.86	0.7031	91	143	48	18	**R45345/64**
	18.00	0.7087	91	143	48	18	**R45318.0**
23/32	18.26	0.7187	99	143	48	20	**R45323/32**
	18.50	0.7283	99	153	50	20	**R45318.5**
47/64	18.65	0.7343	99	153	50	20	**R45347/64**
	19.00	0.7480	99	153	50	20	**R45319.0**
3/4	19.05	0.7500	99	153	50	20	**R4533/4**
	19.50	0.7677	99	153	50	20	**R45319.5**
	19.80	0.7795	99	153	50	20	**R45319.8**
	20.00	0.7874	99	153	50	20	**R45320.0**

R510

- CDX vrták základní délka
- Burghiu CDX lung
- CDX Csigafúró
- Сверло CDX, короткое исполнение
- Wiertło typu CDX o standardowej długości
- CDX sveder

CDX

R510

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.7 1.8 2.1 4.1 5.1

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	33	61	**R5103.0**
1/8	3.18	0.1250	36	65	**R5101/8**
	3.20	0.1260	36	65	**R5103.2**
	3.30	0.1299	36	65	**R5103.3**
	3.40	0.1339	39	70	**R5103.4**
	3.50	0.1378	39	70	**R5103.5**
9/64	3.57	0.1406	39	70	**R5109/64**
	3.70	0.1457	39	70	**R5103.7**
	3.90	0.1535	43	75	**R5103.9**
5/32	3.97	0.1562	43	75	**R5105/32**
	4.00	0.1575	43	75	**R5104.0**
	4.10	0.1614	43	75	**R5104.1**
	4.20	0.1654	43	75	**R5104.2**
	4.30	0.1693	47	80	**R5104.3**
11/64	4.37	0.1718	47	80	**R51011/64**
	4.50	0.1772	47	80	**R5104.5**
	4.60	0.1811	47	80	**R5104.6**
	4.70	0.1850	47	80	**R5104.7**
3/16	4.76	0.1874	52	86	**R5103/16**
	4.90	0.1929	52	86	**R5104.9**
	5.00	0.1969	52	86	**R5105.0**
	5.10	0.2008	52	86	**R5105.1**
13/64	5.16	0.2031	52	86	**R51013/64**
	5.50	0.2165	57	93	**R5105.5**
7/32	5.56	0.2187	57	93	**R5107/32**
	5.60	0.2205	57	93	**R5105.6**
	5.70	0.2244	57	93	**R5105.7**
15/64	5.93	0.2343	57	93	**R51015/64**
	6.00	0.2362	57	93	**R5106.0**
1/4	6.35	0.2500	63	101	**R5101/4**
	6.50	0.2559	63	101	**R5106.5**
	6.60	0.2598	63	101	**R5106.6**
17/64	6.75	0.2656	69	109	**R51017/64**
	6.80	0.2677	69	109	**R5106.8**
	6.90	0.2717	69	109	**R5106.9**
	7.00	0.2756	69	109	**R5107.0**
9/32	7.14	0.2812	69	109	**R5109/32**
	7.30	0.2874	69	109	**R5107.3**
	7.40	0.2913	69	109	**R5107.4**
	7.50	0.2953	69	109	**R5107.5**

d_1 Øh$_7$ Inch	d_1 Øh$_7$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
19/64	7.54	0.2968	75	117	**R51019/64**
	7.80	0.3071	75	117	**R5107.8**
	7.90	0.3110	75	117	**R5107.9**
5/16	7.94	0.3125	75	117	**R5105/16**
	8.00	0.3150	75	117	**R5108.0**
21/64	8.33	0.3281	75	117	**R51021/64**
	8.50	0.3346	75	117	**R5108.5**
	8.70	0.3425	81	125	**R5108.7**
11/32	8.73	0.3437	81	125	**R51011/32**
	8.80	0.3465	81	125	**R5108.8**
	9.00	0.3543	81	125	**R5109.0**
23/64	9.13	0.3593	81	125	**R51023/64**
	9.20	0.3622	81	125	**R5109.2**
	9.30	0.3661	81	125	**R5109.3**
	9.40	0.3701	81	125	**R5109.4**
	9.50	0.3740	81	125	**R5109.5**
3/8	9.53	0.3750	87	133	**R5103/8**
	9.90	0.3898	87	133	**R5109.9**
25/64	9.92	0.3906	87	133	**R51025/64**
	10.00	0.3937	87	133	**R51010.0**
	10.20	0.4016	87	133	**R51010.2**
	10.30	0.4055	87	133	**R51010.3**
13/32	10.32	0.4062	87	133	**R51013/32**
	10.40	0.4094	87	133	**R51010.4**
	10.50	0.4134	87	133	**R51010.5**
27/64	10.72	0.4218	94	142	**R51027/64**
	10.80	0.4252	94	142	**R51010.8**
	11.00	0.4331	94	142	**R51011.0**
7/16	11.11	0.4374	94	142	**R5107/16**
	11.20	0.4409	94	142	**R51011.2**
	11.50	0.4528	94	142	**R51011.5**
29/64	11.51	0.4531	94	142	**R51029/64**
15/32	11.91	0.4687	101	151	**R51015/32**
	12.00	0.4724	101	151	**R51012.0**
31/64	12.30	0.4843	101	151	**R51031/64**
1/2	12.70	0.5000	101	151	**R5101/2**
	13.00	0.5118	101	151	**R51013.0**
	14.00	0.5512	108	160	**R51014.0**
	14.25	0.5610	114	169	**R51014.25**

R554

DORMER

- CDX vrták dlouhý
- Burghiu CDX
- CDX Hosszú Csigafúró
- Сверло CDX
- Wiertło typu CDX,dlugie
- CDX sveder, podaljšani

CDX

R554

HM | TiAlN | DIN 6537 L | <5XD | DIN 6535 HA | N | 130° | S.P.

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 3.1 3.2 3.3 3.4 4.1 5.1 7.1 7.2 7.3 7.4

● 2.1 2.2 2.3 4.2 4.3 5.2 5.3

d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	28	66	36	6	R5543.0
	3.10	0.1220	28	66	36	6	R5543.1
1/8	3.18	0.1252	28	66	36	6	R5541/8
	3.20	0.1260	28	66	36	6	R5543.2
	3.30	0.1299	28	66	36	6	R5543.3
	3.40	0.1339	28	66	36	6	R5543.4
	3.50	0.1378	28	66	36	6	R5543.5
	3.60	0.1417	28	66	36	6	R5543.6
	3.70	0.1457	28	66	36	6	R5543.7
	3.80	0.1496	36	74	36	6	R5543.8
	3.90	0.1535	36	74	36	6	R5543.9
	4.00	0.1575	36	74	36	6	R5544.0
	4.10	0.1614	36	74	36	6	R5544.1
	4.20	0.1654	36	74	36	6	R5544.2
	4.30	0.1693	36	74	36	6	R5544.3
	4.40	0.1732	36	74	36	6	R5544.4
	4.50	0.1772	36	74	36	6	R5544.5
	4.60	0.1811	36	74	36	6	R5544.6
	4.70	0.1850	36	74	36	6	R5544.7
3/16	4.76	0.1874	44	82	36	6	R5543/16
	4.80	0.1890	44	82	36	6	R5544.8
	4.90	0.1929	44	82	36	6	R5544.9
	5.00	0.1969	44	82	36	6	R5545.0
	5.10	0.2008	44	82	36	6	R5545.1
N7	5.11	0.2012	44	82	36	6	R554N7
13/64	5.16	0.2031	44	82	36	6	R55413/64
	5.20	0.2047	44	82	36	6	R5545.2
	5.30	0.2087	44	82	36	6	R5545.3
	5.40	0.2126	44	82	36	6	R5545.4
	5.50	0.2165	44	82	36	6	R5545.5
	5.60	0.2205	44	82	36	6	R5545.6
	5.70	0.2244	44	82	36	6	R5545.7
	5.80	0.2283	44	82	36	6	R5545.8
	5.90	0.2323	44	82	36	6	R5545.9
15/64	5.95	0.2343	44	82	36	6	R55415/64
	6.00	0.2362	44	82	36	6	R5546.0
	6.10	0.2402	53	91	36	8	R5546.1
	6.20	0.2441	53	91	36	8	R5546.2
	6.30	0.2480	53	91	36	8	R5546.3
1/4	6.35	0.2500	53	91	36	8	R5541/4
	6.40	0.2520	53	91	36	8	R5546.4
	6.50	0.2559	53	91	36	8	R5546.5
F	6.53	0.2571	53	91	36	8	R554F
	6.60	0.2598	53	91	36	8	R5546.6

d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	6.70	0.2638	53	91	36	8	R5546.7
	6.80	0.2677	53	91	36	8	R5546.8
	6.90	0.2717	53	91	36	8	R5546.9
I	6.91	0.2720	53	91	36	8	R554I
	7.00	0.2756	53	91	36	8	R5547.0
	7.10	0.2795	53	91	36	8	R5547.1
	7.20	0.2835	53	91	36	8	R5547.2
	7.30	0.2874	53	91	36	8	R5547.3
	7.40	0.2913	53	91	36	8	R5547.4
	7.50	0.2953	53	91	36	8	R5547.5
	7.60	0.2992	53	91	36	8	R5547.6
	7.70	0.3031	53	91	36	8	R5547.7
	7.80	0.3071	53	91	36	8	R5547.8
	7.90	0.3110	53	91	36	8	R5547.9
5/16	7.94	0.3126	53	91	36	8	R5545/16
	8.00	0.3150	53	91	36	8	R5548.0
	8.10	0.3189	61	103	40	10	R5548.1
	8.20	0.3228	61	103	40	10	R5548.2
	8.30	0.3268	61	103	40	10	R5548.3
	8.40	0.3307	61	103	40	10	R5548.4
Q	8.43	0.3319	61	103	40	10	R554Q
	8.50	0.3346	61	103	40	10	R5548.5
	8.60	0.3386	61	103	40	10	R5548.6
R	8.61	0.3390	61	103	40	10	R554R
	8.70	0.3425	61	103	40	10	R5548.7
	8.80	0.3465	61	103	40	10	R5548.8
	8.90	0.3504	61	103	40	10	R5548.9
	9.00	0.3543	61	103	40	10	R5549.0
	9.10	0.3583	61	103	40	10	R5549.1
	9.20	0.3622	61	103	40	10	R5549.2
	9.30	0.3661	61	103	40	10	R5549.3
	9.40	0.3701	61	103	40	10	R5549.4
	9.50	0.3740	61	103	40	10	R5549.5
3/8	9.53	0.3752	61	103	40	10	R5543/8
	9.60	0.3780	61	103	40	10	R5549.6
	9.70	0.3819	61	103	40	10	R5549.7
	9.80	0.3858	61	103	40	10	R5549.8
	9.90	0.3898	61	103	40	10	R5549.9
	10.00	0.3937	61	103	40	10	R55410.0
	10.10	0.3976	70	118	45	12	R55410.1
	10.20	0.4016	70	118	45	12	R55410.2
	10.30	0.4055	70	118	45	12	R55410.3
	10.40	0.4094	70	118	45	12	R55410.4
	10.50	0.4134	70	118	45	12	R55410.5

DORMER

R554

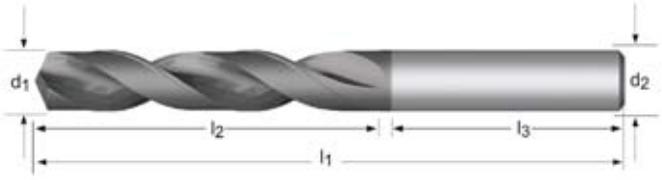
d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	10.60	0.4173	70	118	45	12	**R55410.6**
	10.70	0.4213	70	118	45	12	**R55410.7**
27/64	10.72	0.4220	70	118	45	12	**R55427/64**
	10.80	0.4252	70	118	45	12	**R55410.8**
	10.90	0.4291	70	118	45	12	**R55410.9**
	11.00	0.4331	70	118	45	12	**R55411.0**
	11.10	0.4370	70	118	45	12	**R55411.1**
7/16	11.11	0.4374	70	118	45	12	**R5547/16**
	11.20	0.4409	70	118	45	12	**R55411.2**
	11.30	0.4449	70	118	45	12	**R55411.3**
	11.40	0.4488	70	118	45	12	**R55411.4**
	11.50	0.4528	70	118	45	12	**R55411.5**
29/64	11.51	0.4531	70	118	45	12	**R55429/64**
	11.60	0.4567	70	118	45	12	**R55411.6**
	11.70	0.4606	70	118	45	12	**R55411.7**
	11.80	0.4646	70	118	45	12	**R55411.8**
	11.90	0.4685	70	118	45	12	**R55411.9**
15/32	11.91	0.4689	70	118	45	12	**R55415/32**
	12.00	0.4724	70	118	45	12	**R55412.0**
	12.10	0.4764	76	124	45	14	**R55412.1**
	12.20	0.4803	76	124	45	14	**R55412.2**
	12.30	0.4843	76	124	45	14	**R55412.3**
	12.40	0.4882	76	124	45	14	**R55412.4**
	12.50	0.4921	76	124	45	14	**R55412.5**
	12.60	0.4961	76	124	45	14	**R55412.6**
1/2	12.70	0.5000	76	124	45	14	**R5541/2**
	12.80	0.5039	76	124	45	14	**R55412.8**
	13.00	0.5118	76	124	45	14	**R55413.0**
	13.20	0.5197	76	124	45	14	**R55413.2**
	13.30	0.5236	76	124	45	14	**R55413.3**
	13.50	0.5315	76	124	45	14	**R55413.5**
	13.75	0.5413	76	124	45	14	**R55413.75**
	13.90	0.5472	76	124	45	14	**R55413.9**
	14.00	0.5512	76	124	45	14	**R55414.0**

d_1 Ø “/Nr./letter	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	14.20	0.5591	82	133	48	16	**R55414.2**
	14.25	0.5610	82	133	48	16	**R55414.25**
	14.50	0.5709	82	133	48	16	**R55414.5**
	14.60	0.5748	82	133	48	16	**R55414.6**
	14.80	0.5827	82	133	48	16	**R55414.8**
	15.00	0.5906	82	133	48	16	**R55415.0**
	15.10	0.5945	82	133	48	16	**R55415.1**
	15.30	0.6024	82	133	48	16	**R55415.3**
	15.50	0.6102	82	133	48	16	**R55415.5**
	15.60	0.6142	82	133	48	16	**R55415.6**
	15.75	0.6201	82	133	48	16	**R55415.75**
	16.00	0.6299	82	133	48	16	**R55416.0**
	16.10	0.6339	91	143	48	18	**R55416.1**
	16.50	0.6496	91	143	48	18	**R55416.5**
	16.60	0.6535	91	143	48	18	**R55416.6**
	16.80	0.6614	91	143	48	18	**R55416.8**
	17.00	0.6693	91	143	48	18	**R55417.0**
	17.10	0.6732	91	143	48	18	**R55417.1**
	17.50	0.6890	91	143	48	18	**R55417.5**
	17.60	0.6929	91	143	48	18	**R55417.6**
	17.75	0.6988	91	143	48	18	**R55417.75**
	18.00	0.7087	91	143	48	18	**R55418.0**
	18.10	0.7126	99	153	50	20	**R55418.1**
	18.50	0.7283	99	153	50	20	**R55418.5**
	18.60	0.7323	99	153	50	20	**R55418.6**
	19.00	0.7480	99	153	50	20	**R55419.0**
	19.10	0.7520	99	153	50	20	**R55419.1**
	19.30	0.7598	99	153	50	20	**R55419.3**
	19.50	0.7677	99	153	50	20	**R55419.5**
	19.60	0.7717	99	153	50	20	**R55419.6**
	20.00	0.7874	99	153	50	20	**R55420.0**

R553

DORMER

- CDX vrták dlouhý
- Burghiu CDX
- CDX Hosszú Csigafúró
- Сверло CDX
- Wiertło typu CDX,długie
- CDX sveder, podaljšani



CDX

R553

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.1 5.1 7.1 7.2 7.3 7.4

● 2.2 2.3 2.4 4.2 4.3 5.2 5.3

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
3.00	0.1181	28	66	36	6	R5533.0
3.10	0.1220	28	66	36	6	R5533.1
3.20	0.1260	28	66	36	6	R5533.2
3.30	0.1299	28	66	36	6	R5533.3
3.40	0.1339	28	66	36	6	R5533.4
3.50	0.1378	28	66	36	6	R5533.5
3.60	0.1417	28	66	36	6	R5533.6
3.70	0.1457	28	66	36	6	R5533.7
3.80	0.1496	36	74	36	6	R5533.8
3.90	0.1535	36	74	36	6	R5533.9
4.00	0.1575	36	74	36	6	R5534.0
4.10	0.1614	36	74	36	6	R5534.1
4.20	0.1654	36	74	36	6	R5534.2
4.30	0.1693	36	74	36	6	R5534.3
4.40	0.1732	36	74	36	6	R5534.4
4.50	0.1772	36	74	36	6	R5534.5
4.60	0.1811	36	74	36	6	R5534.6
4.70	0.1850	36	74	36	6	R5534.7
4.80	0.1890	44	82	36	6	R5534.8
4.90	0.1929	44	82	36	6	R5534.9
5.00	0.1969	44	82	36	6	R5535.0
5.10	0.2008	44	82	36	6	R5535.1
5.20	0.2047	44	82	36	6	R5535.2
5.30	0.2087	44	82	36	6	R5535.3
5.40	0.2126	44	82	36	6	R5535.4
5.50	0.2165	44	82	36	6	R5535.5
5.60	0.2205	44	82	36	6	R5535.6
5.70	0.2244	44	82	36	6	R5535.7
5.80	0.2283	44	82	36	6	R5535.8
5.90	0.2323	44	82	36	6	R5535.9
6.00	0.2362	44	82	36	6	R5536.0
6.10	0.2402	53	91	36	8	R5536.1
6.20	0.2441	53	91	36	8	R5536.2
6.30	0.2480	53	91	36	8	R5536.3
6.40	0.2520	53	91	36	8	R5536.4
6.50	0.2559	53	91	36	8	R5536.5
6.60	0.2598	53	91	36	8	R5536.6
6.70	0.2638	53	91	36	8	R5536.7
6.80	0.2677	53	91	36	8	R5536.8
6.90	0.2717	53	91	36	8	R5536.9
7.00	0.2756	53	91	36	8	R5537.0
7.10	0.2795	53	91	36	8	R5537.1
7.20	0.2835	53	91	36	8	R5537.2
7.30	0.2874	53	91	36	8	R5537.3

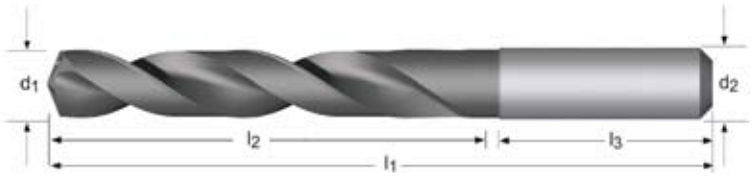
d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
7.40	0.2913	53	91	36	8	R5537.4
7.50	0.2953	53	91	36	8	R5537.5
7.60	0.2992	53	91	36	8	R5537.6
7.70	0.3031	53	91	36	8	R5537.7
7.80	0.3071	53	91	36	8	R5537.8
7.90	0.3110	53	91	36	8	R5537.9
8.00	0.3150	53	91	36	8	R5538.0
8.10	0.3189	61	103	40	10	R5538.1
8.20	0.3228	61	103	40	10	R5538.2
8.30	0.3268	61	103	40	10	R5538.3
8.40	0.3307	61	103	40	10	R5538.4
8.50	0.3346	61	103	40	10	R5538.5
8.60	0.3386	61	103	40	10	R5538.6
8.70	0.3425	61	103	40	10	R5538.7
8.80	0.3465	61	103	40	10	R5538.8
8.90	0.3504	61	103	40	10	R5538.9
9.00	0.3543	61	103	40	10	R5539.0
9.10	0.3583	61	103	40	10	R5539.1
9.20	0.3622	61	103	40	10	R5539.2
9.30	0.3661	61	103	40	10	R5539.3
9.40	0.3701	61	103	40	10	R5539.4
9.50	0.3740	61	103	40	10	R5539.5
9.60	0.3780	61	103	40	10	R5539.6
9.70	0.3819	61	103	40	10	R5539.7
9.80	0.3858	61	103	40	10	R5539.8
9.90	0.3898	61	103	40	10	R5539.9
10.00	0.3937	61	103	40	10	R55310.0
10.10	0.3976	70	118	45	12	R55310.1
10.20	0.4016	70	118	45	12	R55310.2
10.30	0.4055	70	118	45	12	R55310.3
10.40	0.4094	70	118	45	12	R55310.4
10.50	0.4134	70	118	45	12	R55310.5
10.60	0.4173	70	118	45	12	R55310.6
10.70	0.4213	70	118	45	12	R55310.7
10.80	0.4252	70	118	45	12	R55310.8
10.90	0.4291	70	118	45	12	R55310.9
11.00	0.4331	70	118	45	12	R55311.0
11.10	0.4370	70	118	45	12	R55311.1
11.20	0.4409	70	118	45	12	R55311.2
11.30	0.4449	70	118	45	12	R55311.3
11.40	0.4488	70	118	45	12	R55311.4
11.50	0.4528	70	118	45	12	R55311.5
11.60	0.4567	70	118	45	12	R55311.6
11.70	0.4606	70	118	45	12	R55311.7

R553

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
11.80	0.4646	70	118	45	12	**R55311.8**
11.90	0.4685	70	118	45	12	**R55311.9**
12.00	0.4724	70	118	45	12	**R55312.0**
12.10	0.4764	76	124	45	14	**R55312.1**
12.20	0.4803	76	124	45	14	**R55312.2**
12.50	0.4921	76	124	45	14	**R55312.5**
12.80	0.5039	76	124	45	14	**R55312.8**
13.00	0.5118	76	124	45	14	**R55313.0**
13.50	0.5315	76	124	45	14	**R55313.5**
14.00	0.5512	76	124	45	14	**R55314.0**
14.20	0.5591	76	124	48	16	**R55314.2**
14.25	0.5610	82	133	48	16	**R55314.25**
14.50	0.5709	82	133	48	16	**R55314.5**
15.00	0.5906	82	133	48	16	**R55315.0**
15.10	0.5945	82	133	48	16	**R55315.1**
15.50	0.6102	82	133	48	16	**R55315.5**
16.00	0.6299	82	133	48	16	**R55316.0**
16.50	0.6496	91	143	48	18	**R55316.5**
17.00	0.6693	91	143	48	18	**R55317.0**
17.50	0.6890	91	143	48	18	**R55317.5**
18.00	0.7087	91	143	48	18	**R55318.0**
18.50	0.7283	99	153	50	20	**R55318.5**
19.00	0.7480	99	153	50	20	**R55319.0**
19.50	0.7677	99	153	50	20	**R55319.5**
20.00	0.7874	99	153	50	20	**R55320.0**

R563

- CDX-Inox vrták
- Burghiu CDX-Inox
- CDX-Inox Csigafúró
- Сверло CDX-Inox
- Wiertło typu CDX- Inox
- CDX-Inox sveder



CDX-Inox

R563

HM | TiAlN Top | DIN 6537 L | <5XD | DIN 6535 HA | N | 140° | S.P.

■ 2.1 2.2 2.3 2.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	28	66	36	6	R5633.0
1/8	3.17	0.1248	28	66	36	6	R5631/8
	3.20	0.1260	28	66	36	6	R5633.2
	3.30	0.1299	28	66	36	6	R5633.3
	3.40	0.1339	28	66	36	6	R5633.4
	3.50	0.1378	28	66	36	6	R5633.5
9/64	3.57	0.1406	28	66	36	6	R5639/64
	3.70	0.1457	28	66	36	6	R5633.7
	3.80	0.1496	36	74	36	6	R5633.8
	3.90	0.1535	36	74	36	6	R5633.9
5/32	3.97	0.1563	36	74	36	6	R5635/32
	4.00	0.1575	36	74	36	6	R5634.0
	4.10	0.1614	36	74	36	6	R5634.1
	4.20	0.1654	36	74	36	6	R5634.2
	4.30	0.1693	36	74	36	6	R5634.3
11/64	4.37	0.1720	36	74	36	6	R56311/64
	4.50	0.1772	36	74	36	6	R5634.5
	4.60	0.1811	36	74	36	6	R5634.6
3/16	4.76	0.1874	44	82	36	6	R5633/16
	5.00	0.1969	44	82	36	6	R5635.0
	5.10	0.2008	44	82	36	6	R5635.1
13/64	5.16	0.2031	44	82	36	6	R56313/64
	5.20	0.2047	44	82	36	6	R5635.2
	5.50	0.2165	44	82	36	6	R5635.5
7/32	5.56	0.2188	44	82	36	6	R5637/32
	5.80	0.2283	44	82	36	6	R5635.8
	6.00	0.2362	44	82	36	6	R5636.0
	6.30	0.2480	53	91	36	8	R5636.3
1/4	6.35	0.2500	53	91	36	8	R5631/4
	6.50	0.2559	53	91	36	8	R5636.5
	6.60	0.2598	53	91	36	8	R5636.6
17/64	6.75	0.2656	53	91	36	8	R56317/64
	6.80	0.2677	53	91	36	8	R5636.8
	6.90	0.2717	53	91	36	8	R5636.9
	7.00	0.2756	53	91	36	8	R5637.0
9/32	7.14	0.2813	53	91	36	8	R5639/32
	7.30	0.2874	53	91	36	8	R5637.3
	7.40	0.2913	53	91	36	8	R5637.4
	7.50	0.2953	53	91	36	8	R5637.5
19/64	7.54	0.2969	53	91	36	8	R56319/64
5/16	7.94	0.3125	53	91	36	8	R5635/16
	8.00	0.3150	53	91	36	8	R5638.0
21/64	8.33	0.3281	61	103	40	10	R56321/64
	8.50	0.3346	61	103	40	10	R5638.5
	8.60	0.3386	61	103	40	10	R5638.6
	8.70	0.3425	61	103	40	10	R5638.7
11/32	8.73	0.3438	61	103	40	10	R56311/32
	8.80	0.3465	61	103	40	10	R5638.8
	9.00	0.3543	61	103	40	10	R5639.0
23/64	9.13	0.3594	61	103	40	10	R56323/64
	9.30	0.3661	61	103	40	10	R5639.3
	9.40	0.3701	61	103	40	10	R5639.4
	9.50	0.3740	61	103	40	10	R5639.5
3/8	9.53	0.3750	61	103	40	10	R5633/8

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
25/64	9.92	0.3906	61	103	40	10	R56325/64
	10.00	0.3937	61	103	40	10	R56310.0
	10.20	0.4016	70	118	45	12	R56310.2
	10.30	0.4055	70	118	45	12	R56310.3
13/32	10.32	0.4063	70	118	45	12	R56313/32
	10.40	0.4094	70	118	45	12	R56310.4
	10.50	0.4134	70	118	45	12	R56310.5
27/64	10.72	0.4219	70	118	45	12	R56327/64
	10.80	0.4252	70	118	45	12	R56310.8
	11.00	0.4331	70	118	45	12	R56311.0
	11.10	0.4370	70	118	45	12	R56311.1
7/16	11.11	0.4375	70	118	45	12	R5637/16
	11.20	0.4409	70	118	45	12	R56311.2
	11.50	0.4528	70	118	45	12	R56311.5
29/64	11.51	0.4531	70	118	45	12	R56329/64
	11.80	0.4646	70	118	45	12	R56311.8
15/32	11.91	0.4688	70	118	45	12	R56315/32
	12.00	0.4724	70	118	45	12	R56312.0
	12.10	0.4764	76	124	45	14	R56312.1
	12.20	0.4803	76	124	45	14	R56312.2
31/64	12.30	0.4844	76	124	45	14	R56331/64
	12.50	0.4921	76	124	45	14	R56312.5
1/2	12.70	0.5000	76	124	45	14	R5631/2
	13.00	0.5118	76	124	45	14	R56313.0
33/64	13.10	0.5156	76	124	45	14	R56333/64
17/32	13.49	0.5313	76	124	45	14	R56317/32
	13.50	0.5315	76	124	45	14	R56313.5
35/64	13.89	0.5469	76	124	45	14	R56335/64
	14.00	0.5512	76	124	45	14	R56314.0
	14.20	0.5591	82	133	48	16	R56314.2
	14.25	0.5610	82	133	48	16	R56314.25
9/16	14.29	0.5625	82	133	48	16	R5639/16
	14.50	0.5709	82	133	48	16	R56314.5
37/64	14.68	0.5781	82	133	48	16	R56337/64
	14.75	0.5807	82	133	48	16	R56314.75
	15.00	0.5906	82	133	48	16	R56315.0
19/32	15.08	0.5938	82	133	48	16	R56319/32
	15.50	0.6102	82	133	48	16	R56315.5
5/8	15.88	0.6250	82	133	48	16	R5635/8
	16.00	0.6299	82	133	48	16	R56316.0
	16.08	0.6331	91	143	48	18	R56316.08
	16.50	0.6496	91	143	48	18	R56316.5
21/32	16.67	0.6563	91	143	48	18	R56321/32
	17.00	0.6693	91	143	48	18	R56317.0
11/16	17.46	0.6875	91	143	48	18	R56311/16
	17.50	0.6890	91	143	48	18	R56317.5
	17.90	0.7047	91	143	48	18	R56317.9
	18.00	0.7087	91	143	48	18	R56318.0
	19.00	0.7480	99	153	50	20	R56319.0
3/4	19.05	0.7500	99	153	50	20	R5633/4
	19.25	0.7579	99	153	50	20	R56319.25
	19.30	0.7598	99	153	50	20	R56319.3
	19.35	0.7618	99	153	50	20	R56319.35
	20.00	0.7874	99	153	50	20	R56320.0

R583

- CDX-Al vrták
- Burghiu CDX-Al
- CDX-Al Csigafúró
- Сверло CDX-Al
- Wiertło typu CDX-Al
- CDX-Al sveder

NEW
2009.02

CDX-Al

R583

■ 7.1 7.2 7.3 7.4

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	23	66	36	6	R5833.0
1/8	3.17	0.1248	23	66	36	6	R5831/8
	3.20	0.1260	23	66	36	6	R5833.2
	3.30	0.1299	23	66	36	6	R5833.3
	3.50	0.1378	23	66	36	6	R5833.5
9/64	3.57	0.1406	23	66	36	6	R5839/64
	3.80	0.1496	32	74	36	6	R5833.8
	3.90	0.1535	32	74	36	6	R5833.9
5/32	3.97	0.1563	32	74	36	6	R5835/32
	4.00	0.1575	32	74	36	6	R5834.0
	4.10	0.1614	32	74	36	6	R5834.1
	4.20	0.1654	32	74	36	6	R5834.2
11/64	4.37	0.1720	32	74	36	6	R58311/64
	4.50	0.1772	32	74	36	6	R5834.5
3/16	4.76	0.1874	42	82	36	6	R5833/16
	5.00	0.1969	42	82	36	6	R5835.0
	5.10	0.2008	42	82	36	6	R5835.1
13/64	5.16	0.2031	42	82	36	6	R58313/64
	5.20	0.2047	42	82	36	6	R5835.2
	5.50	0.2165	42	82	36	6	R5835.5
7/32	5.56	0.2188	42	82	36	6	R5837/32
	5.80	0.2283	42	82	36	6	R5835.8
	6.00	0.2362	42	82	36	6	R5836.0
	6.30	0.2480	50	91	36	8	R5836.3
1/4	6.35	0.2500	50	91	36	8	R5831/4
	6.50	0.2559	50	91	36	8	R5836.5
	6.60	0.2598	50	91	36	8	R5836.6
17/64	6.75	0.2656	50	91	36	8	R58317/64
	6.80	0.2677	50	91	36	8	R5836.8
	6.90	0.2717	50	91	36	8	R5836.9
	7.00	0.2756	50	91	36	8	R5837.0
9/32	7.14	0.2813	50	91	36	8	R5839/32
	7.30	0.1693	50	91	36	8	R5837.3
	7.40	0.2913	50	91	36	8	R5837.4
	7.50	0.2953	50	91	36	8	R5837.5
19/64	7.54	0.2969	50	91	36	8	R58319/64
5/16	7.94	0.3125	50	91	36	8	R5835/16
	8.00	0.3150	50	91	36	8	R5838.0
21/64	8.33	0.3281	59	103	40	10	R58321/64
	8.50	0.3346	59	103	40	10	R5838.5
	8.60	0.3386	59	103	40	10	R5838.6
	8.70	0.3425	59	103	40	10	R5838.7
11/32	8.73	0.3438	59	103	40	10	R58311/32
	8.80	0.3465	59	103	40	10	R5838.8
	9.00	0.3543	59	103	40	10	R5839.0
23/64	9.13	0.3594	59	103	40	10	R58323/64
	9.30	0.3661	59	103	40	10	R5839.3
	9.40	0.3701	59	103	40	10	R5839.4
	9.50	0.3740	59	103	40	10	R5839.5
3/8	9.53	0.3750	59	103	40	10	R5833/8

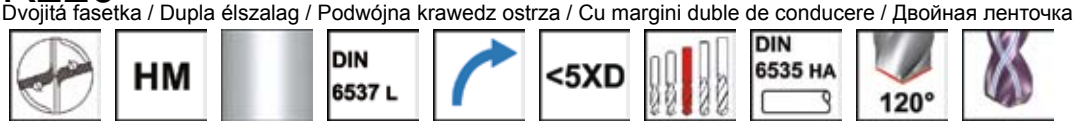
d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
25/64	9.92	0.3906	59	103	40	10	R58325/64
	10.00	0.3937	59	103	40	10	R58310.0
	10.20	0.4016	69	118	45	12	R58310.2
	10.30	0.4055	69	118	45	12	R58310.3
13/32	10.32	0.4063	69	118	45	12	R58313/32
	10.40	0.4094	69	118	45	12	R58310.4
	10.50	0.4134	69	118	45	12	R58310.5
27/64	10.72	0.4219	69	118	45	12	R58327/64
	10.80	0.4252	69	118	45	12	R58310.8
	11.00	0.4331	69	118	45	12	R58311.0
	11.10	0.4370	69	118	45	12	R58311.1
7/16	11.11	0.4375	69	118	45	12	R5837/16
	11.20	0.4409	69	118	45	12	R58311.2
	11.50	0.4528	69	118	45	12	R58311.5
29/64	11.51	0.4531	69	118	45	12	R58329/64
	11.80	0.4646	69	118	45	12	R58311.8
15/32	11.91	0.4688	69	118	45	12	R58315/32
	12.00	0.4724	69	118	45	12	R58312.0
	12.10	0.4764	75	124	45	14	R58312.1
	12.20	0.4803	75	124	45	14	R58312.2
31/64	12.30	0.4844	75	124	45	14	R58331/64
	12.50	0.4921	75	124	45	14	R58312.5
1/2	12.70	0.5000	75	124	45	14	R5831/2
	13.00	0.5118	75	124	45	14	R58313.0
33/64	13.10	0.5156	75	124	45	14	R58333/64
17/32	13.49	0.5313	75	124	45	14	R58317/32
	13.50	0.5315	75	124	45	14	R58313.5
35/64	13.89	0.5469	75	124	45	14	R58335/64
	14.00	0.5512	75	124	45	14	R58314.0
	14.20	0.5591	81	133	48	16	R58314.2
	14.25	0.5610	81	133	48	16	R58314.25
9/16	14.29	0.5625	81	133	48	16	R5839/16
	14.50	0.5709	81	133	48	16	R58314.5
37/64	14.68	0.5781	81	133	48	16	R58337/64
	14.75	0.5807	81	133	48	16	R58314.75
	15.00	0.5906	81	133	48	16	R58315.0
19/32	15.08	0.5938	81	133	48	16	R58319/32
	15.50	0.6102	81	133	48	16	R58315.5
5/8	15.88	0.625	81	133	48	16	R5835/8
	16.00	0.6299	81	133	48	16	R58316.0
	16.50	0.6496	93	143	48	18	R58316.5
21/32	16.67	0.6563	93	143	48	18	R58321/32
	17.00	0.6693	93	143	48	18	R58317.0
11/16	17.46	0.6875	93	143	48	18	R58311/16
	17.50	0.6890	93	143	48	18	R58317.5
	17.90	0.7047	93	143	48	18	R58317.9
	18.00	0.7087	93	143	48	18	R58318.0
	19.00	0.7480	100	153	50	20	R58319.0
3/4	19.05	0.7500	100	153	50	20	R5833/4
	20.00	0.7874	100	153	50	20	R58320.0

R220 / R210

- Vrták s přímou drážkou
- Egyeneshornyú fúró
- Wiertło z prostym rowkiem wiórowym
- Burghiu cu canale drepte
- Сверло с прямыми канавками
- sveder

R220

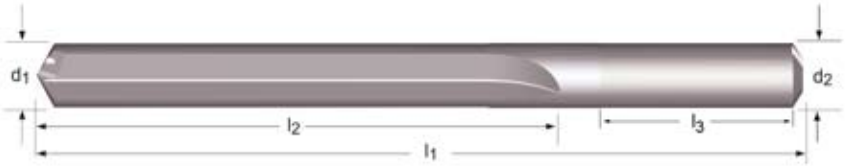
Dvojitá fasetka / Dupla élszalag / Podwójna krawedz ostrza / Cu margini duble de conducere / Двойная ленточка / Dvojno jedro



■ 3.1 3.2 3.3 3.4 6.2 7.2 7.3 7.4

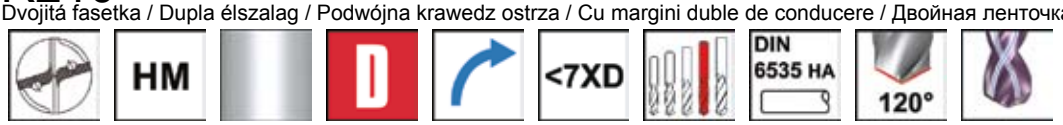
d_1 Ø	l_2	l_1	l_3	d_2 Ø	
mm	mm	mm	mm	mm	e-Code
4.00	36	74	36	6	**R2204.0**
4.20	36	74	36	6	**R2204.2**
5.00	44	82	36	6	**R2205.0**
6.00	44	82	36	6	**R2206.0**
6.80	53	91	36	8	**R2206.8**
7.00	53	91	36	8	**R2207.0**
8.00	53	91	36	8	**R2208.0**
8.50	61	103	40	10	**R2208.5**
9.00	61	103	40	10	**R2209.0**
10.00	61	103	40	10	**R22010.0**
10.20	71	118	45	12	**R22010.2**
11.00	71	118	45	12	**R22011.0**

d_1 Ø	l_2	l_1	l_3	d_2 Ø	
mm	mm	mm	mm	mm	e-Code
12.00	71	118	45	12	**R22012.0**
13.00	77	124	45	14	**R22013.0**
14.00	77	124	45	14	**R22014.0**
15.00	83	133	48	16	**R22015.0**
15.50	83	133	48	16	**R22015.5**
16.00	83	133	48	16	**R22016.0**
17.00	93	143	48	18	**R22017.0**
17.50	93	143	48	18	**R22017.5**
18.00	93	143	48	18	**R22018.0**
19.50	101	153	50	20	**R22019.5**
20.00	101	153	50	20	**R22020.0**



R210

Dvojitá fasetka / Dupla élszalag / Podwójna krawedz ostrza / Cu margini duble de conducere / Двойная ленточка / Dvojno jedro



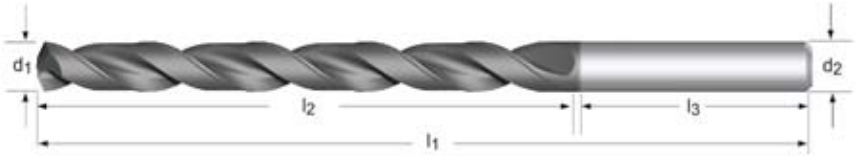
■ 3.1 3.2 3.3 3.4 6.2 7.2 7.3 7.4

d_1 Ø	l_2	l_1	l_3	d_2 Ø	
mm	mm	mm	mm	mm	e-Code
5.00	63	101	36	6	**R2105.0**
6.00	63	101	36	6	**R2106.0**
7.00	79	117	36	8	**R2107.0**
8.00	79	117	36	8	**R2108.0**
9.00	91	133	40	10	**R2109.0**
10.00	91	133	40	10	**R21010.0**
11.00	104	151	45	12	**R21011.0**
12.00	104	151	45	12	**R21012.0**

d_1 Ø	l_2	l_1	l_3	d_2 Ø	
mm	mm	mm	mm	mm	e-Code
14.00	113	160	45	14	**R21014.0**
15.00	128	178	48	16	**R21015.0**
16.00	128	178	48	16	**R21016.0**
17.00	141	191	48	18	**R21017.0**
17.50	141	191	48	18	**R21017.5**
18.00	141	191	48	18	**R21018.0**
20.00	153	205	50	20	**R21020.0**

R570

- CDX-DH vrták
- CDX-DH Csigafúró
- Wiertło typu CDX-DH
- Burghiu CDX-DH
- Сверло CDX-DH
- CDX-DH sveder



2007.04

CDX-DH

R570

HM | Super Flow | D | 8XD | DIN 6535 HA | ACM | 140° | S.P.

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 7.2 7.3 7.4

● 2.3 6.1 6.2 6.3 6.4 7.1

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	3.00	0.1181	37	79	36	6	R5703.0
	3.10	0.1220	37	79	36	6	R5703.1
	3.20	0.1260	37	79	36	6	R5703.2
	3.30	0.1299	37	79	36	6	R5703.3
	3.40	0.1339	37	79	36	6	R5703.4
	3.50	0.1378	37	79	36	6	R5703.5
	3.70	0.1457	37	79	36	6	R5703.7
	3.80	0.1496	48	90	36	6	R5703.8
	4.00	0.1575	48	90	36	6	R5704.0
	4.10	0.1614	48	90	36	6	R5704.1
	4.20	0.1654	48	90	36	6	R5704.2
	4.30	0.1693	48	90	36	6	R5704.3
	4.50	0.1772	48	90	36	6	R5704.5
	4.60	0.1811	48	90	36	6	R5704.6
	4.70	0.1850	62	104	36	6	R5704.7
	4.80	0.1890	62	104	36	6	R5704.8
	5.00	0.1969	62	104	36	6	R5705.0
	5.10	0.2008	62	104	36	6	R5705.1
	5.20	0.2047	62	104	36	6	R5705.2
	5.50	0.2165	62	104	36	6	R5705.5
	5.70	0.2244	62	104	36	6	R5705.7
	5.80	0.2283	62	104	36	6	R5705.8
	6.00	0.2362	62	104	36	6	R5706.0
	6.10	0.2402	84	126	36	8	R5706.1
	6.20	0.2441	84	126	36	8	R5706.2
1/4	6.35	0.2500	84	126	36	8	R5701/4
	6.50	0.2559	84	126	36	8	R5706.5
	6.60	0.2598	84	126	36	8	R5706.6
	6.70	0.2638	84	126	36	8	R5706.7
17/64	6.75	0.2657	84	126	36	8	R57017/64
	6.80	0.2677	84	126	36	8	R5706.8
	6.90	0.2717	84	126	36	8	R5706.9
	7.00	0.2756	84	126	36	8	R5707.0
9/32	7.14	0.2811	84	126	36	8	R5709/32
	7.20	0.2834	84	126	36	8	R5707.2
	7.40	0.2913	84	126	36	8	R5707.4
	7.50	0.2953	84	126	36	8	R5707.5
19/64	7.54	0.2969	84	126	36	8	R57019/64
	7.60	0.2992	84	126	36	8	R5707.6
	7.70	0.3031	84	126	36	8	R5707.7
	7.80	0.3071	84	126	36	8	R5707.8
5/16	7.94	0.3126	84	126	36	8	R5705/16
	8.00	0.3150	84	126	36	8	R5708.0
	8.10	0.3189	106	152	40	10	R5708.1
	8.20	0.3228	106	152	40	10	R5708.2
21/64	8.33	0.3281	106	152	40	10	R57021/64
	8.40	0.3307	106	152	40	10	R5708.4
	8.50	0.3346	106	152	40	10	R5708.5
	8.60	0.3386	106	152	40	10	R5708.6
	8.70	0.3425	106	152	40	10	R5708.7
11/32	8.73	0.3437	106	152	40	10	R57011/32
	8.80	0.3465	106	152	40	10	R5708.8

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
	9.00	0.3543	106	152	40	10	R5709.0
23/64	9.13	0.3594	106	152	40	10	R57023/64
	9.30	0.3661	106	152	40	10	R5709.3
	9.50	0.3740	106	152	40	10	R5709.5
3/8	9.53	0.3752	106	152	40	10	R5703/8
	9.80	0.3858	106	152	40	10	R5709.8
	9.90	0.3898	106	152	40	10	R5709.9
25/64	9.92	0.3906	106	152	40	10	R57025/64
	10.00	0.3937	106	152	40	10	R57010.0
	10.20	0.4016	128	180	45	12	R57010.2
	10.30	0.4055	128	180	45	12	R57010.3
13/32	10.32	0.4063	128	180	45	12	R57013/32
	10.40	0.4094	128	180	45	12	R57010.4
	10.50	0.4134	128	180	45	12	R57010.5
27/64	10.72	0.4219	128	180	45	12	R57027/64
	11.00	0.4331	128	180	45	12	R57011.0
7/16	11.11	0.4374	128	180	45	12	R5707/16
	11.20	0.4409	128	180	45	12	R57011.2
	11.50	0.4528	128	180	45	12	R57011.5
29/64	11.51	0.4531	128	180	45	12	R57029/64
	11.80	0.4646	128	180	45	12	R57011.8
	12.00	0.4724	128	180	45	12	R57012.0
	12.20	0.4803	151	202	48	14	R57012.2
31/64	12.30	0.4844	151	202	48	14	R57031/64
	12.50	0.4921	151	202	48	14	R57012.5
1/2	12.70	0.5000	151	202	48	14	R5701/2
	12.80	0.5039	151	202	48	14	R57012.8
	13.00	0.5118	151	202	48	14	R57013.0
17/32	13.49	0.5311	151	202	48	14	R57017/32
	13.50	0.5315	151	202	48	14	R57013.5
	13.70	0.5393	151	202	48	14	R57013.7
	14.00	0.5512	151	202	48	14	R57014.0
	14.20	0.5591	172	227	48	16	R57014.2
	14.25	0.5610	172	227	48	16	R57014.25
9/16	14.29	0.5626	172	227	48	16	R5709/16
	14.50	0.5708	172	227	48	16	R57014.5
	14.70	0.5787	172	227	48	16	R57014.7
	15.00	0.5906	172	227	48	16	R57015.0
	15.10	0.5945	172	227	48	16	R57015.1
	15.50	0.6102	172	227	48	16	R57015.5
	15.70	0.6181	172	227	48	16	R57015.7
5/8	15.88	0.6244	172	227	48	16	R5705/8
	16.00	0.6299	172	227	48	16	R57016.0
	17.00	0.6693	194	246	48	18	R57017.0
	17.50	0.6890	194	246	48	18	R57017.5
	18.00	0.7087	194	246	48	18	R57018.0
	18.50	0.7283	215	269	50	20	R57018.5
	19.00	0.7480	215	269	50	20	R57019.0
	19.50	0.7677	215	269	50	20	R57019.5
	20.00	0.7874	215	269	50	20	R57020.0

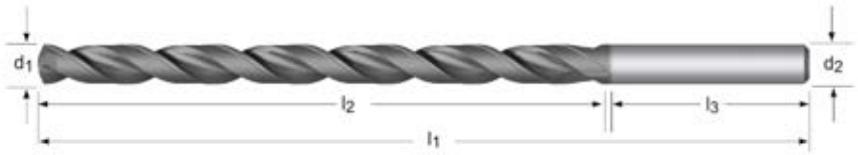
R571

DORMER

- CDX-DH vrták
- CDX-DH Csigafúró
- Wiertło typu CDX-DH
- Burghiu CDX-DH
- Сверло CDX-DH
- CDX-DH sveder

NEW
2009.02

CDX-DH



R571

HM | Super Flow | 12xD | DIN 6535 HA | ACM | 140° | S.P.

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 7.2 7.3 7.4

● 2.3 6.1 6.2 6.3 6.4 7.1

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
3.00	0.1181	52	94	36	6	**R5713.0**
3.10	0.1220	52	94	36	6	**R5713.1**
3.20	0.1260	52	94	36	6	**R5713.2**
3.30	0.1299	52	94	36	6	**R5713.3**
3.40	0.1339	52	94	36	6	**R5713.4**
3.50	0.1378	52	94	36	6	**R5713.5**
3.70	0.1457	52	94	36	6	**R5713.7**
3.80	0.1496	67	109	36	6	**R5713.8**
4.00	0.1575	67	109	36	6	**R5714.0**
4.10	0.1614	67	109	36	6	**R5714.1**
4.20	0.1654	67	109	36	6	**R5714.2**
4.30	0.1693	67	109	36	6	**R5714.3**
4.50	0.1772	67	109	36	6	**R5714.5**
4.60	0.1811	67	109	36	6	**R5714.6**
4.80	0.1890	86	128	36	6	**R5714.8**
5.00	0.1969	86	128	36	6	**R5715.0**
5.10	0.2008	86	128	36	6	**R5715.1**
5.20	0.2047	86	128	36	6	**R5715.2**
5.50	0.2165	86	128	36	6	**R5715.5**
5.80	0.2283	86	128	36	6	**R5715.8**
6.00	0.2362	86	128	36	6	**R5716.0**
6.10	0.2402	116	158	36	8	**R5716.1**
6.20	0.2441	116	158	36	8	**R5716.2**
6.50	0.2559	116	158	36	8	**R5716.5**
6.60	0.2598	116	158	36	8	**R5716.6**
6.70	0.2638	116	158	36	8	**R5716.7**
6.80	0.2677	116	158	36	8	**R5716.8**
6.90	0.2717	116	158	36	8	**R5716.9**
7.00	0.2756	116	158	36	8	**R5717.0**
7.40	0.2913	116	158	36	8	**R5717.4**
7.50	0.2953	116	158	36	8	**R5717.5**
7.60	0.2992	116	158	36	8	**R5717.6**
7.70	0.3031	116	158	36	8	**R5717.7**
7.80	0.3071	116	158	36	8	**R5717.8**

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
8.00	0.3150	116	158	36	8	**R5718.0**
8.10	0.3189	146	192	40	10	**R5718.1**
8.20	0.3228	146	192	40	10	**R5718.2**
8.40	0.3307	146	192	40	10	**R5718.4**
8.50	0.3346	146	192	40	10	**R5718.5**
8.60	0.3386	146	192	40	10	**R5718.6**
8.70	0.3425	146	192	40	10	**R5718.7**
8.80	0.3465	146	192	40	10	**R5718.8**
9.00	0.3543	146	192	40	10	**R5719.0**
9.30	0.3661	146	192	40	10	**R5719.3**
9.50	0.3740	146	192	40	10	**R5719.5**
9.80	0.3858	146	192	40	10	**R5719.8**
10.00	0.3937	146	192	40	10	**R57110.0**
10.20	0.4016	176	228	45	12	**R57110.2**
10.30	0.4055	176	228	45	12	**R57110.3**
10.40	0.4094	176	228	45	12	**R57110.4**
10.50	0.4134	176	228	45	12	**R57110.5**
11.00	0.4331	176	228	45	12	**R57111.0**
11.20	0.4409	176	228	45	12	**R57111.2**
11.50	0.4528	176	228	45	12	**R57111.5**
11.80	0.4646	176	228	45	12	**R57111.8**
12.00	0.4724	176	228	45	12	**R57112.0**
12.50	0.4921	207	258	45	14	**R57112.5**
12.80	0.5039	207	258	45	14	**R57112.8**
13.00	0.5118	207	258	45	14	**R57113.0**
13.50	0.5315	207	258	45	14	**R57113.5**
14.00	0.5512	207	258	45	14	**R57114.0**
14.50	0.5708	236	291	48	16	**R57114.5**
15.00	0.5906	236	291	48	16	**R57115.0**
15.50	0.6102	236	291	48	16	**R57115.5**
16.00	0.6299	236	291	48	16	**R57116.0**

DORMER

	A122	A723	A119	A123	A124	A120	A022	A520	A720	A117	A927	A597	A551
													
	HSS	HSCo	HSS	HSS	HSS HM	HSS	HSS	HSS	HSCo	HSCo	HSCo	HSCo	HSCo
		Bronze	ST	ST	ST	ST	TiN	TiN		Bronze		TiAlN	TiAlN Top
	DIN 1897	D	DIN 1897	DIN 1897	DIN 8037	DIN 1897	DIN ANSI	DIN 1897	DIN 1899	DIN 1897	DIN 1897	DIN 1897	D
	1XD	1XD	1.25xD	1.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	3xD	3xD	3.5XD
													DIN 6535 HA
	N	N	N	N	H	N	N		N	N	W	W	
			120°	120°	118°	135°	135°	130°	118°	135°	130°	130°	130°
	6.00 - 20.00	6.00 - 8.00	3.30 - 4.90	3/32 - 6.50	3.00 - 16.00	0.50 - 25.0	0.50 - 16.00	3.00 - 13.00	0.15 - 1.40	1.00 - 13.00	1.00 - 20.00	2.50 - 16.00	5.00 - 20.00
							122	ADX			PFX	PFX	ADX
	80	**81**	**82**	**83**	**84**	**85**	**87**	**89**	**91**	**92**	**94**	**96**	**98**
1.1	■35E	●35D	■35C	■35E		■35J	■35K	■57M	■35A	●38K	●37J	●56M	■70M
1.2	■30E	●30D	■27C	■30E		■30J	■32K	■47M	■30A	●33H	●31J	●48M	■60M
1.3	■27C		●23C	■27C		■27G	■25I	■40K	■27A	●30G	■26I	■40L	■50M
1.4	●21C		●20C	●21C		■21G	■23H	■32I	■23A	●27G	■25I	■40L	■40I
1.5	●14C		●8C	●14C	●40C	●14F	■16G	■21G	●17A	■18F	■21E	■35G	■24G
1.6	●10B		●7A	●10B	●37A	●10E	●10E	●11E	●10A	■11E	■19E	■30G	■13E
1.7													
1.8													
2.1	●16C		●15A	●16C		■16F	■15G	■30I	●22A	■22F	●15F	●17F	■32H
2.2	●9D		●7C	●9D	●35C	●9H	●8I	■16I	●10A	■11H	■7F	■9F	●17J
2.3	●10B		●10A	●10B	●35C	●10D	●9E	■20G	●15A	■15D	●9D	●11D	●23H
2.4													
3.1	●32E		●22C	●32E	■55C	■32J	■32K	■48M	■30A	●34K	●34G	■56I	■55L
3.2	●27C		●18E	●27C	■43C	■27G	■25I	■37K	■24A	●30F	●30G	■48I	■40K
3.3	●20C		●13A	●20C	■40C	■20F	■20G	■30J	●20A	●22F	●23E	■35G	■37K
3.4	●16B		●11A	●16B	■32A	●16F	●16G	■26F	●14A	■17F	●17F	■27G	■33G
4.1	●27C		●27A	●27C	●40A	■27G	■25I	■34I	●23A	■30G	■30G	●48I	■40H
4.2	●12B		●12A	●12B	●35A	●16E	●14F	■20G	●17A	■18F	■18G	●29I	●25F
4.3	●7A		●7A	●7A	●25A	●8C	●8C	●4B	●8A	■10C	■10C	●16E	●6D
5.1	●13D		●9A	●13D	●30A	●13H	●13H	●17I	●10A	■15H	■15I	●24L	●21J
5.2	●8C		●4C	●8C	●25A	●8F	●8F	●11G	●7A	■9F	■9G	●14I	●12F
5.3	●4A		●3C	●4A	●20A	●4B	●4B	●7E	●4A	■6C	■6E	●10G	●7H
6.1	■27D		●27A	■27D		●36H	●36H	●40E	●35A	●38I	●65H		●50H
6.2	■33E		●33C	■33E	●70G	●38J	●38K	■50I	●40A	●40K	●70H		■70J
6.3	■27D		●27C	■27D	●60E	●27I	●27I	■45K	●35A	●27J	●35G	●59I	■60J
6.4	■16D		●18C	■16D	●50C	●16H	●16I	●20F	●27A	●16I	●31G	●50I	●25H
7.1	■33E		●40C	■33E		●33K	■40F	●55I	●35A	●35K	●70E		●55I
7.2	■30E		●30C	■30E		●30J	■32K	■50M	●30A	●33J	■45N		■70N
7.3	●30D		●25C	●30D		●30I	■32J	■37K	●27A	●31I	●40N		■45J
7.4	●25D		●25C	●25D		●25I	●25J	■35I	●27A	●30G	●30G	■48I	■45K
8.1	●30F		●30I	●30F		●30K	●30K	●65G	●48A	●35M	●55J		■75G
8.2	●35E		●35C	●35E	●60E	●35I	●35I	■50G	●25A	●28K	●40H		
8.3	●17D			●17D		●17G	●17G	■35F		●17I			
9.1	●12A			●12A	●9C	●4C	●4C			■6C			
10.1													

	A552	A160	A102	A104	A105	A100	A101	A103	A108	A170	A002	A510	A777
													
	HSCo	HSS HM	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSCo
	TiAlN TiN ST	ST				ST	ST	ST	ST	ST	TiN	TiN	Bronze
	D	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338	D	DIN 338	DIN 338	DIN 338
	3.5XD	4xD	4xD	4xD	4xD	4xD	4xD	4xD	4xD	4xD	4xD	4xD	4xD
	DIN 6535 HE												
		N	W	H	H	N	N	N	W	N	N		N
	130°	118°	130°	118°	60°	118°	118°	118°	135°	118°	118°	130°	135°
											PS		NAS 907
	5.00 - 20.00	4.00 - 16.00	0.50 - 16.00	0.50 - 13.00	1.00 - 6.50	0.20 - 20.00	1.00 - 12.00	1.00 - 1/2	1.00 - 16.00	1/2 - 1.1/2	1.00 - 16.00	3.00 - 14.00	0.30 - 16.00
	ADX										002	ADX	
	100	**101**	**102**	**104**	**106**	**107**	**110**	**111**	**112**	**114**	**115**	**117**	**119**
1.1	■70M	●60E	●33I	●25F	●25F	■35H	■35H	■35H	●35I	●35H	■47J	■57M	●35J
1.2	■60M	●60E	●28I	●20F	●20F	■30H	■30H	■30H	●30I	●30H	■40J	■47M	●30H
1.3	■50M	●55D				■25F	■25F	■25F	●25G	●25F	■35F	■40K	●27G
1.4	■40I	●50D				■20F	■20F	■20F	●20F	●20E	■30F	■30H	●24F
1.5	■24G	●40C				●13E	●13E	●13E	●13E	●13D	●18F	■21F	■17E
1.6	■13E	●37A				●9D	●9D	●9D	●9D	●9C	●10E	●11D	■10D
1.7													
1.8													
2.1	■32H	●40B				●15E	●15E	●15E	●15E	●15D	●20F	■28G	●22E
2.2	●17J	●35C				●8G	●8G	●8G	■9G	●7F	●12G	■14I	●11G
2.3	●23H	●35A				●9C	●9C	●9C	■10D	●7B	●16C	●19G	●15C
2.4													
3.1	■55L	■50C	●25F	●20E	●20E	■30H	■30H	■30H	●30H	●27H	■40J	■42K	●35H
3.2	■40K	■40A	●20D	●15C	●15C	■24F	■24F	■24F	●24F	●22E	■30E	■32J	●28D
3.3	■37K	■35A	●16C	●10B	●10B	●20E	●20E	●20E	●20E	●19D	●28E	■28J	●22E
3.4	■33G	■30A	●10C	●6B	●6B	●14E	●14E	●14E	●14E	●12D	●26E	■25F	■17E
4.1	■40H	●35A	●15C			●23E	●23E	●23E	■25G	●17E	●23F	●32G	■28F
4.2	●25F	●35A				●12D	●12D	●12D	■16E	●9C	●13D	●20H	■20D
4.3	●6D	●25A				●6B	●6B	●6B	●7B	●5A	●7B	●4B	■11C
5.1	●21J	●30A	●7E			●10G	●10G	●10G	●12G	●8F	●13G	●17I	●15G
5.2	●12F	●25A				●6E	●6E	●6E	●7G	●4D	●7E	●9E	■7E
5.3	●7H	●20A				●3A	●3A	●3A	●6E	●3A	●3A	●6E	●6B
6.1	●50H	●55D	■35H			●33G	●33G	●33G	●33G	●35F	●50G	●40D	●38H
6.2	■70J	●70G	●36G	■40I		●35I	●35I	●35I	●35I	●33H	●33I	■50I	●40F
6.3	■60J	●60C		■35G		●27H	●27H	●27H	●31H	●27G	●39H	■45I	●27H
6.4	●25H	●50C		●15E		●16G	●16G	●16G	●16G	●16F	●30G	●20F	●21F
7.1	●55I	●50I	■45J	●30I	●24H	●33J	●33J	●33J	●33J	●33I	■41K	●50G	●33J
7.2	■70N	●45H	■35J	●27H	●22G	●30I	●30I	●30I	●30I	●30H	■38J	■50M	●30I
7.3	■45J	●40G	■30G	●24G	●22F	●27H	●27H	●27H	●27H	●27G	●33I	■31I	●30H
7.4	■45K	●35F	■29G	●20E	●20D	●24F	●24F	●24F	●24F	●22G	●33I	■33I	●27F
8.1	■75G		■42J			●30J	●30J	●30J	●30J	●30I	■30I	■65G	
8.2		●60E	●40I	●35F	■35G	●28H	●28H	●28H	●28H	●28G	■50H	■50G	
8.3			●20G	●20D	■17H	●14F	●14F	●14F	●14F	●14E	●35F	■35F	
9.1		●9C				●3B	●3B	●3B	●3B	●3A	●3B		●6C
10.1													

DORMER

	A509	A553	A554	A907	A577	A166	A134	A130	A530	A730	A765	A110	A623
													
	HSCo	HSCo	HSCo	HSCo	HSCo	HSS HM	HSS	HSS	HSS	HSCo	HSCo	HSS	HSS
	Dilute	TiAlN Top	TiAlN Top		TiAlN	ST		ST	TiN	Bronze	ST	ST	ST
	DIN 338	D	D	DIN 338	DIN 338	DIN 345	DIN 345	DIN 345	DIN 345	DIN 345	D	DIN 340	DIN 340
	4xD	5XD	5XD	6xD	6xD	4xD	4xD	4xD	4xD	4xD	4xD	6xD	6xD
		DIN 6535 HA	DIN 6535 HE										
	W			W	W	N	N	N	N	N	H	N	N
	135°	130°	130°	130°	130°	118°	118°	118°	118°	118°	130°	118°	118°
		S.P.	S.P.										
	3.00 - 16.00	5.00 - 20.00	5.00 - 30.00	1.00 - 20.00	1.50 - 16.00	10.00 - 33.00	10.00 - 32.00	2.00 - 100.00	8.50 - 40.00	10.00 - 32.00	5.00 - 50.00	0.50 - 1“	2.50 - 6.00
		ADX	ADX	PFX	PFX								

	121	123	124	125	127	129	130	131	134	135	136	137	139
1.1		■85L	■85L	●35H	●56J	●60E	●32I	■35I	■47I	●35J		●27G	●27G
1.2		■70L	■70L	●30H	●48J	●60E	●27I	■30I	■40I	●30H		●25G	●25G
1.3		■60L	■60L	■25G	■40I	●55D	●20F	■25F	■30F	●27G		●20E	●20E
1.4		■45H	■45H	■25G	■40I	●50D	●18F	■20F	■27F	●23F		●16E	●16E
1.5		■28F	■28F	■19E	■30G	●40C	●10E	●12E	●20E	■17E	■16C	●9D	●9D
1.6		■15D	■15D	■16E	■26G	●37A	●8D	●9D	●10D	■10D	■8C	●6B	●6B
1.7													
1.8													
2.1	●23G	■40G	■40G	●15E	●17E	●40B	●14E	●15E	●24E	●24E		●10D	●10D
2.2	■14I	■19I	■19I	■7E	■9E	●35C	●8G	●9G	●13G	■11G		●6F	●6F
2.3	■16F	●27G	●27G	●9C	●11C	●35A	●9C	●10C	●20C	■17C		●4B	●4B
2.4													
3.1		■70K	■70K	●33G	■53I	■50C	●30I	■30I	●36I	●35J		●28H	●28H
3.2		■50J	■50J	●27G	■43I	■40C	●24F	■24E	■28E	●28G		●21E	●21E
3.3		■45J	■45J	●20E	■32G	■35C	●20E	●20E	■27E	●22E		●15D	●15D
3.4		■42F	■42F	●15E	■24G	■30A	●14E	●14E	●22E	■17E		●13D	●13D
4.1	■39I	■45G	■45G	■22E	●35G	●35A	●23F	●23F	●32F	●28G		●17E	●17E
4.2	■25G	●30E	●30E	■15E	●24G	●35A	●13D	●13D	●18D	●20D		●9C	●9C
4.3	●11D	●8C	●8C	■6C	●10E	●25A	●7B	●7B	●13B	●11C	●12A	●4A	●4A
5.1		●25I	●25I	■14G	●22I	●30A	●10G	●10G	●13G	●15G		●8F	●8F
5.2		●15E	●15E	■7G	●11I	●25A	●7E	●7E	●6E	●7E		●4D	●4D
5.3		●10G	●10G	■6C	●10E	●20A	●4A	●4A	●3A	●6B	●7A	●3A	●3A
6.1		●70G	●70G	●65G		●55D	■35G	●33F	●60G	●38L		●30E	●30E
6.2		■85I	■85I	●70G		●75G	■40I	●35I	●55I	●40J		●32H	●32H
6.3		■80I	■80I	●34G	●54I	●60C	■35G	●35H	■40G	●27H		●27G	●27G
6.4		●35G	●35G	●30G	●48I	●50C	■16F	●16F	●35E	●21F		●16E	●16E
7.1	●51N	●70H	●70H	●70E		●50I	■40K	●26J	●55I	●33J		●32I	●32I
7.2	●47L	■100M	■100M	■45N		●45H	■30I	●30I	●45I	●30I		●27H	●27H
7.3	●42J	■55I	■55I	●40N		●40G	■27G	●28H	●35G	●30H		●27G	●27G
7.4	●37H	■55J	■55J	●29G	■48I	●35F	■23G	●23H	●28G	●27F		●25E	●25E
8.1		■90G	■90G	●55I			■35K	●30K	●50J	●35K		●35I	●35I
8.2				●40G		●60E	●35J	●28J	●50H	●28J		●26G	●26G
8.3							●17H	●14H	●35F	●20H		●12E	●12E
9.1						●9C	●3B	●3B	●3B	●5C	■6C	●3A	●3A
10.1													

	A111	A916	A578	A350	A243	A244	A125	A976	A977	A978	A979	A345	A951
													
	HSS	HSCo	HSCo	HSS	HSS	HSS	HSS	HSCo	HSCo	HSCo	HSCo	HSS	HSS
	ST		TiAlN	ST			ST					ST	ST
	DIN 340	DIN 340	DIN 340	DIN 341	ANSI	ANSI	BS 328	DIN 1869/1	DIN 1869/2	DIN 1869/3	D	DIN 1870/1	DIN 1870/1
	6xD	10XD	10XD	6xD	4xD	4xD	10XD	15XD	15XD	15XD	15XD	10XD	15XD
	N	W	W	N	N	N	N	W	W	W	W	N	W
	118°	130°	130°	118°	135°	118°	118°	130°	130°	130°	130°	118°	130°
					NAS 907	NAS 907							
	3.00 - 12.00	1.00 - 20.00	1.00 - 16.00	5.00 - 50.00	3/32 - 1/4	1/8 - 1/4	1.40 - 14.00	1.50 - 14.00	1.50 - 14.00	3.00 - 10.00	5.00 - 6.00	8.00 - 50.00	10.00 - 30.00
		PFX	PFX					PFX	PFX	PFX	PFX		
	140	**141**	**143**	**145**	**146**	**147**	**148**	**150**	**151**	**152**	**153**	**154**	**155**
1.1	●27H	●35F	●49G	■27I			■24E	●31C	●31B	●31A		■24G	■27G
1.2	●25H	●30F	●42G	■25I			■22E	●26C	●26B	●26A		■22G	■22G
1.3	●20E	■25E	■35F	●20G	●25F	●25F	●16C	■22C	■22B	■22A	■22A	●17E	■19E
1.4	●16E	■25E	■35F	●16F	●20F	●20F	●15C	■22C	■22B	■22A	■22A	●15D	●15D
1.5	●9D	■15C	■21D	●10E	■13E	■13E	●6A	■12A	■12A	■12A	■12A	●6C	●8C
1.6	●6C	■12C	■17D	●6D	■9D	■9D	●5A	■10A	■10A	■10A	■10A	●5B	●6B
1.7													
1.8													
2.1	●10D	●15C	●17C	●13E	●15E	●15E	●9C	●12B	●12B	●12A	●12A	●12C	●12C
2.2	●6F	■7E	■9E	●4G	■8G	■8G	●4E	●7C	●7B	●7A	●7A	●4E	●6E
2.3	●4B	●9B	●11B	●8C	■9C	■9C	●8A	●8A	●8A	●8A	●8A	●8A	●12A
2.4													
3.1	●28H		■40G	●26I	●30I	●30I	●22G					●22G	●22G
3.2	●21E	●26E	■36F	●20F	●24F	●24F	●18D	●23C	●23B	●23A	●23A	●18D	●16D
3.3	●15D	●18E	■25F	●18E	●20E	●20E	●13C	●16C	●16B	●16A	●16A	●13C	●13C
3.4	●13D	●13C	■18D	●11E	■14E	■14E	●9C	●11A	●11A	●11A	●11A	●9C	●9C
4.1	●17E	■18E	●25F	●16F	■23F	■23F	●11D	●15C	●15B	●15A	●15A	●15D	●18D
4.2	●9C	■13C	●18D	●9D	■12D	■12D	●9B	●11A	●11A	●11A	●11A	●9B	●10B
4.3	●4A	■6C	●8D	●5B	■6B	■6B	●5A	●5A	●5A	●5A	●5A	●5A	●6A
5.1	●8F			●8G	■10G	■10G	●5E					●8E	●7E
5.2	●4D			●4E	●6E	●6E	●4C					●4C	●5C
5.3	●3A			●3A	●3A	●3A	●3A					●3A	●3A
6.1	●30E	●65F		●33F			●24D					●27D	●22D
6.2	●28H	●70F		●35I			●33G					●33G	●33G
6.3	●27G	●34G	●48H	●35H	●27H	●27H	●22F	●30D	●30C	●30B	●30B	●27F	●22F
6.4	●16E	●30G	●42H	●16F	■16G	■16G	●16D	●27D	●27C	●27B	●27B	●16D	●16D
7.1	●32I	●70E		●33J			●24H					●33H	●30H
7.2	●27H	■45N		●25I			●22G					●27G	●27G
7.3	●27G	●40N		●27H			●22F					●27F	●24F
7.4	●25E	●30G	■42H	●25H	■24F	■24F	●20E	●27D	●27C	●27B	●27B	●24F	●22F
8.1	●35I	●55H		●35L			●30H					●30J	●30J
8.2	●26G	●40F		●26J			●26F					●30H	●30H
8.3	●12E			●12H			●10D					●10F	●10F
9.1	●3A			●3B	●3B	●3B	●3A					●3A	●3A
10.1													

DORMER

	A952	A414	A413	A412	A401	A400	A402	A405	A200	A201	A204	A210	A225
													
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	ST	ST	ST	ST	ST	ST	ST	ST					
	DIN 1870/2	D	D	D	DIN 8378	DIN 8374	DIN 8376	DIN 8377	DIN 333A	D	DIN 333B	DIN 333R	BS 328
	15XD	2.5xD	2.5xD	2.5xD	4xD	4xD	4xD	4xD	1XD	1XD	1XD	1XD	1XD
	W				N	N	N	N					
	130°	118°	118°	118°	118°	118°	118°	118°	118°	122°	118°	118°	120°
		90°	180°	90°	90°	90°	90°	90°	90°	90°	90°		90°
	8.00 - 40.00	3.00 - 12.00	3.00 - 10.00	3.00 - 10.00	3.00 - 12.00	3.00 - 10.00	3.00 - 10.00	5.00 - 20.00	0.50 - 12.50	0.63 - 6.00	1.00 - 10.00	0.50 - 12.50	3/64 - 5/16
	156	**157**	**158**	**159**	**160**	**161**	**162**	**163**	**164**	**165**	**166**	**167**	**168**
1.1	■27G	■32I	■32I	■32I	■32G	■32G	■32G	■32G	■35I	■35I	■35I	■35I	■35I
1.2	■22G	■27I	■27I	■27I	■27G	■27G	■27G	■27G	■30I	■30I	■30I	■30I	■30I
1.3	■19E	■22G	■22G	■22G	■22E	■22E	■22E	■22E	■25G	■25G	■25G	■25G	■25G
1.4	●15D	■20G	■20G	■20G	■20E	■20E	■20E	■20E	■20F	■20F	■20F	■20F	■20F
1.5	●8C	●10E	●10E	●10E	●10C	●10C	●10C	●10C	●13E	●13E	●13E	●13E	●13E
1.6	●6B	●6C	●6C	●6C	●6C	●6C	●6C	●6C	●9D	●9D	●9D	●9D	●9D
1.7													
1.8													
2.1	●12C	■16G	■16G	■16G	●16E	●16E	●16E	●16E	●15E	●15E	●15E	●15E	●15E
2.2	●6E	●9I	●9I	●9I	●9G	●9G	●9G	●9G	●8G	●8G	●8G	●8G	●8G
2.3	●12A	●12E	●12E	●12E	●12C	●12C	●12C	●12C	●10C	●10C	●10C	●10C	●10C
2.4													
3.1	●22G	■30G	■30G	■30G	■30G	■30G	■30G	■30G	■30I	■30I	■30I	■30I	■30I
3.2	●16D	■25E	■25E	■25E	■25E	■25E	■25E	■25E	■24F	■24F	■24F	■24F	■24F
3.3	●13C	●19E	●19E	●19E	●19E	●19E	●19E	●19E	●20E	●20E	●20E	●20E	●20E
3.4	●9C	●18E	●18E	●18E	●18C	●18C	●18C	●18C	●14E	●14E	●14E	●14E	●14E
4.1	●18D	●27G	●27G	●27G	●23E	●23E	●23E	●23E	●24F	●24F	●24F	●24F	●24F
4.2	●10B	●16E	●16E	●16E	●14C	●14C	●14C	●14C	●13D	●13D	●13D	●13D	●13D
4.3	●6A	●8C	●8C	●8C	●8A	●8A	●8A	●8A	●7B	●7B	●7B	●7B	●7B
5.1	●7E	●13I	●13I	●13I	●10G	●10G	●10G	●10G	●10G	●10G	●10G	●10G	●10G
5.2	●5C	●8G	●8G	●8G	●6C	●6C	●6C	●6C	●5E	●5E	●5E	●5E	●5E
5.3	●3A	●4C	●4C	●4C	●4A	●4A	●4A	●4A	●4A	●4A	●4A	●4A	●4A
6.1	●22D	●35G	●35G	●35G	●35E	●35E	●35E	●35E	●35G	●35G	●35G	●35G	●35G
6.2	●33G	●40G	●40G	●40G	●40E	●40E	●40E	●40E	●33I	●33I	●33I	●33I	●33I
6.3	●22F	●32G	●32G	●32G	●32E	●32E	●32E	●32E	●27H	●27H	●27H	●27H	●27H
6.4	●16D	●20G	●20G	●20G	●20E	●20E	●20E	●20E	●16G	●16G	●16G	●16G	●16G
7.1	●30H	●45G	●45G	●45G	●45E	●45E	●45E	●45E	●33J	●33J	●33J	●33J	●33J
7.2	●27G	●32G	●32G	●32G	●32E	●32E	●32E	●32E	●30I	●30I	●30I	●30I	●30I
7.3	●24F	●27G	●27G	●27G	●32E	●32E	●32E	●32E	●27H	●27H	●27H	●27H	●27H
7.4	●22F	●25G	●25G	●25G	●25E	●25E	●25E	●25E	●22H	●22H	●22H	●22H	●22H
8.1	●30J	●30I	●30I	●30I	●30I	●30I	●30I	●30I	●30J	●30J	●30J	●30J	●30J
8.2	●30H								●28H	●28H	●28H	●28H	●28H
8.3	●10F								●14F	●14F	●14F	●14F	●14F
9.1	●3A								●3B	●3B	●3B	●3B	●3B
10.1													

	A227	A260	A205	A211	A202	A189	A088	A190	A191
									
	HSS	HSS-E	HSS	HSS	HSS-E	HSS	HSS	HSS	HSS
			TiN	TiN		ST	TiN	ST	ST
	D	DIN 333A	DIN 333A	DIN 333R	D	DIN 1897	DIN 1897	DIN 338	DIN 338
	1XD	1XD	1XD	1XD	1XD	2.5xD	2.5xD	4xD	4xD
						N	N	N	N
	118°	118°	118°	118°	118°	135°	135°	118°	118°
	90°	90°	90°		90°				
	1/8 - 3/4	2.00 - 5.00	1.00 - 5.00	1.60 - 5.00	0.75 - 4.00	Set 200S	Set 200S	Set 3 - Set 209	Set 31M - Set 419
							122		
	169	**170**	**171**	**172**	**173**	**174**	**175**	**176**	**177**
1.1	■35I	■35I	■42I	■42I	■35I	■35J	■35K	■35H	■35H
1.2	■30I	■30I	■36I	■36I	■30I	■30J	■32K	■30H	■30H
1.3	■25G	■25G	■30G	■30G	■25G	■27G	■25I	■25F	■25F
1.4	■20F	■20F	■24F	■24F	■20F	■21G	■23H	■20F	■20F
1.5	●13E	●13E	●16E	●16E	●13E	●14F	■16G	●13E	●13E
1.6	●9D	●9D	●11D	●11D	●9D	●10E	●10E	●9D	●9D
1.7									
1.8									
2.1	●15E	●15E	●18E	●18E	●15E	■16F	■15G	●15E	●15E
2.2	●8G	●8G	●10G	●10G	●8G	●9H	●8I	●8G	●8G
2.3	●10C	●10C	●12C	●12C	●10C	●10D	●9E	●9C	●9C
2.4									
3.1	■30I	■30I	■36I	■36I	■30I	■32J	■32K	■30H	■30H
3.2	■24F	■24F	■29F	■29F	■24F	■27G	■25I	■24F	■24F
3.3	●20E	●20E	●24E	●24E	●20E	■20F	■20G	●20E	●20E
3.4	●14E	●14E	●17E	●17E	●14E	●16F	●16G	●14E	●14E
4.1	●24F	●24F	●29F	●29F	●24F	■27G	■25I	●23E	●23E
4.2	●13D	●13D	●16D	●16D	●13D	●16E	●14F	●12D	●12D
4.3	●7B	●7B	●8B	●8B	●7B	●8C	●8C	●6B	●6B
5.1	●10G	●10G	●12G	●12G	●10G	●13H	●13H	●10G	●10G
5.2	●5E	●5E	●6E	●6E	●5E	●8F	●8F	●6E	●6E
5.3	●4A	●4A	●5A	●5A	●4A	●4B	●4B	●3A	●3A
6.1	●35G	●35G	●42G	●42G	●35G	●36H	●36H	●33G	●33G
6.2	●33I	●33I	●40I	●40I	●33I	●38J	●38K	●35I	●35I
6.3	●27H	●27H	●32H	●32H	●27H	●27I	●27I	●27H	●27H
6.4	●16G	●16G	●19G	●19G	●16G	●16H	●16I	●16G	●16G
7.1	●33J	●33J	●40J	●40J	●33J	●33K	■40F	●33J	●33J
7.2	●30I	●30I	●36I	●36I	●30I	●30J	■32K	●30I	●30I
7.3	●27H	●27H	●32H	●32H	●27H	●30I	■32J	●27H	●27H
7.4	●22H	●22H	●26H	●26H	●22H	●25I	●25J	●24F	●24F
8.1	●30J	●30J	●36J	●36J	●30J	●30K	●30K	●30J	●30J
8.2	●28H	●28H	●34H	●34H	●28H	●35I	●35I	●28H	●28H
8.3	●14F	●14F	●17F	●17F	●14F	●17G	●17G	●14F	●14F
9.1	●3B	●3B	●4B	●4B	●3B	●4C	●4C	●3B	●3B
10.1									

DORMER

	A199	A095	A096	A099	A295	A296
						
	HSS	HSS	HSS	HSS	HSCo	HSS
	ST	TiN	TiN	TiN	Bronze	
	DIN 338	DIN 338	DIN 338	DIN 338	DIN 338	DIN 333A
	4xD	4xD	4xD	4xD	4xD	1XD
	N	N	N	N	N	
	118°	118°	118°	118°	135°	120°
		PS	PS	PS		
	Set F1 - Set M1	Set 18 - Set 209	Set 419 - Set 413	Set F1 - Set M1	Set 219 - Set 225	Set 200 - Set 225
		002	002	002		
	178	**179**	**180**	**181**	**182**	**183**
1.1	■35H	■47J	■47J	■47J	●35J	■35I
1.2	■30H	■40J	■40J	■40J	●30H	■30I
1.3	■25F	■35F	■35F	■35F	●27G	■25G
1.4	■20F	■30F	■30F	■30F	●24F	■20F
1.5	●13E	●18F	●18F	●18F	■17E	●13E
1.6	●9D	●10E	●10E	●10E	■10D	●9D
1.7						
1.8						
2.1	●15E	●20F	●20F	●20F	●22E	●15E
2.2	●8G	●12G	●12G	●12G	●11G	●8G
2.3	●9C	●16C	●16C	●16C	●15C	●10C
2.4						
3.1	■30H	■40J	■40J	■40J	●35H	■30I
3.2	■24F	■30E	■30E	■30E	●28D	■24F
3.3	●20E	●28E	●28E	●28E	●22E	●20E
3.4	●14E	●26E	●26E	●26E	■17E	●14E
4.1	●23E	●23F	●23F	●23F	■28F	●24F
4.2	●12D	●13D	●13D	●13D	■20D	●13D
4.3	●6B	●7B	●7B	●7B	■11C	●7B
5.1	●10G	●13G	●13G	●13G	●15G	●10G
5.2	●6E	●7E	●7E	●7E	■7E	●5E
5.3	●3A	●3A	●3A	●3A	●6B	●4A
6.1	●33G	●50G	●50G	●50G	●38H	●35G
6.2	●35I	●33I	●33I	●33I	●40F	●33I
6.3	●27H	●39H	●39H	●39H	●27H	●27H
6.4	●16G	●30G	●30G	●30G	●21F	●16G
7.1	●33J	■41K	■41K	■41K	●33J	●33J
7.2	●30I	■38J	■38J	■38J	●30I	●30I
7.3	●27H	●33I	●33I	●33I	●30H	●27H
7.4	●24F	●33I	●33I	●33I	●27F	●22H
8.1	●30J	■30I	■30I	■30I		●30J
8.2	●28H	■50H	■50H	■50H		●28H
8.3	●14F	●35F	●35F	●35F		●14F
9.1	●3B	●3B	●3B	●3B	●6C	●3B
10.1						

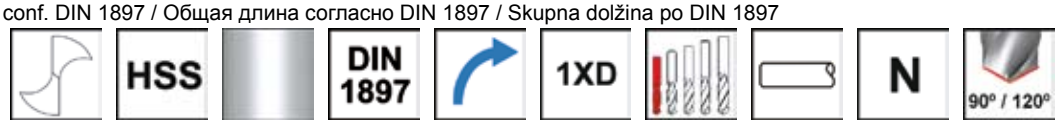
Fn	Ø															
	1mm	2mm	3mm	4mm	5mm	6mm	8mm	10mm	12mm	15mm	16mm	20mm	25mm	30mm	40mm	50mm
A	0.012	0.023	0.029	0.032	0.036	0.042	0.054	0.062	0.069	0.082	0.086	0.110	0.125	0.135	0.155	0.175
B	0.014	0.028	0.037	0.041	0.046	0.053	0.067	0.080	0.090	0.103	0.108	0.135	0.153	0.165	0.188	0.208
C	0.015	0.032	0.044	0.050	0.056	0.064	0.080	0.098	0.110	0.125	0.130	0.160	0.180	0.195	0.22	0.24
D	0.016	0.038	0.053	0.060	0.068	0.078	0.098	0.119	0.130	0.149	0.155	0.188	0.210	0.228	0.253	0.275
E	0.017	0.043	0.062	0.071	0.080	0.092	0.115	0.140	0.150	0.173	0.180	0.215	0.240	0.260	0.285	0.31
F	0.018	0.050	0.073	0.084	0.095	0.109	0.138	0.165	0.178	0.202	0.210	0.248	0.275	0.295	0.32	0.343
G	0.019	0.056	0.084	0.096	0.109	0.126	0.160	0.190	0.205	0.231	0.240	0.280	0.310	0.330	0.355	0.375
H	0.020	0.066	0.102	0.116	0.130	0.150	0.190	0.228	0.243	0.271	0.280	0.320	0.355	0.375	0.398	0.418
I	0.021	0.076	0.119	0.134	0.150	0.173	0.220	0.265	0.280	0.310	0.320	0.360	0.400	0.420	0.44	0.46
J	0.024	0.084	0.135	0.152	0.170	0.197	0.250	0.298	0.315	0.349	0.360	0.405	0.445	0.465	0.485	0.503
K	0.026	0.092	0.150	0.170	0.190	0.220	0.280	0.330	0.350	0.388	0.400	0.450	0.490	0.510	0.53	0.545
L	0.028	0.101	0.165	0.186	0.208	0.240	0.305	0.360	0.385	0.419	0.430	0.485	0.525	0.545	0.568	0.588
M	0.030	0.110	0.180	0.202	0.225	0.260	0.330	0.390	0.420	0.450	0.460	0.520	0.560	0.580	0.605	0.63
N	0.032	0.119	0.195	0.218	0.242	0.280	0.355	0.420	0.455	0.481	0.490	0.555	0.595	0.615	0.642	0.672
S	0.008	0.014	0.020	0.025	0.030	0.037	0.050	0.080	0.100	0.123	0.130	0.150				
T	0.015	0.028	0.040	0.050	0.060	0.070	0.090	0.110	0.130	0.160	0.170	0.190				
U	0.026	0.048	0.070	0.080	0.090	0.107	0.140	0.170	0.200	0.223	0.230	0.240				
V	0.038	0.069	0.100	0.115	0.130	0.153	0.200	0.250	0.280	0.310	0.320	0.340				
W	0.049	0.089	0.130	0.150	0.170	0.200	0.260	0.330	0.380	0.418	0.430	0.450				
X	0.056	0.103	0.150	0.180	0.210	0.250	0.330	0.420	0.480	0.533	0.550	0.580				
Y	0.068	0.124	0.180	0.220	0.260	0.317	0.430	0.550	0.700	0.700	0.700	0.740				
Z	0.094	0.172	0.250	0.325	0.400	0.533	0.800	1.000	1.100	1.175	1.200	1.200				
	mm/N ± 25%															

A122

- Navrtáváky
- Burghiu punctare
- NC előfúró
- Центровочное сверло для станков ЧПУ
- Wiertłodo nawiercania
- sveder središčni

A122

Celková délka dle DIN 1897 / Teljes hossz a DIN 1897 szabvány szerint / Długość calkowita zgodnie z DIN 1897 / Lungimea totala conf. DIN 1897 / Общая длина согласно DIN 1897 / Skupna dolžina po DIN 1897



■ 1.1 1.2 1.3 6.1 6.2 6.3 6.4 7.1 7.2

● 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
6.00	0.2362	30	66	**A1226.0X90**
6.00	0.2362	30	66	**A1226.0X120**
8.00	0.3149	33	79	**A1228.0X90**
8.00	0.3149	33	79	**A1228.0X120**
10.00	0.3937	35	89	**A12210.0X90**
10.00	0.3937	35	89	**A12210.0X120**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
12.00	0.4724	40	102	**A12212.0X90**
12.00	0.4724	40	102	**A12212.0X120**
16.00	0.6299	40	115	**A12216.0X90**
16.00	0.6299	40	115	**A12216.0X120**
20.00	0.7874	55	131	**A12220.0X90**
20.00	0.7874	55	131	**A12220.0X120**

A723

- Vrták na bodové svary
- Burghiu pentru sudura in puncte
- Ponthegesztő Fúró
- Сверло для высверливания точечной сварки
- Wiertłodo wiercenia w spoinach
- sveder za tockovne vare

A723

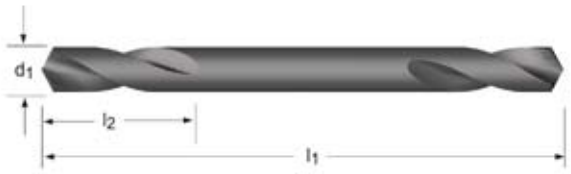
- 1.1 1.2

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
6.00	0.2362	18	66	**A7236.0X66**
6.00	0.2362	18	93	**A7236.0X93**
6.50	0.2559	20	70	**A7236.5X70**
6.50	0.2559	20	101	**A7236.5X101**

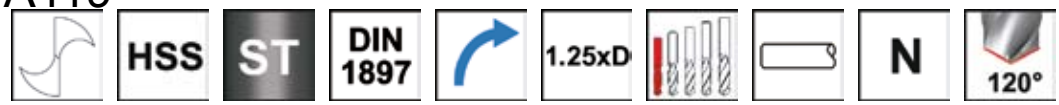
d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
8.00	0.3149	24	79	**A7238.0X79**
8.00	0.3149	24	117	**A7238.0X117**

A119

- Navrtávák oboustranný
- Kétoldalas lemezfúró
- Wiertłokrótkie dwustronne
- Burghiu scurt doua capete
- Двухстороннее спиральное сверло
- sveder kratki, dvostranski



A119



■ 1.1 1.2

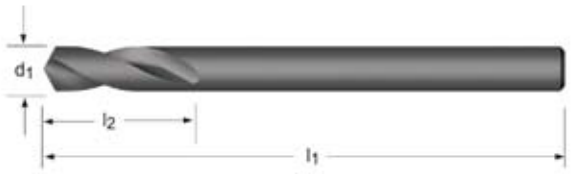
● 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.30	0.1299	11.0	49.0	**A1193.3**
4.10	0.1614	14.0	55.0	**A1194.1**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
4.90	0.1929	17.0	62.0	**A1194.9**

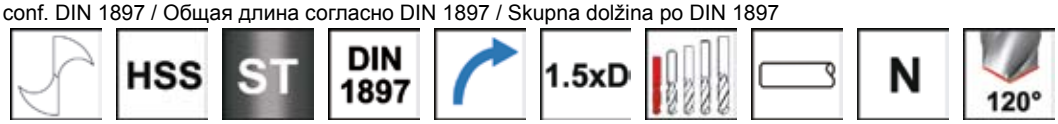
A123

- Navrtávák
- Burghiu scurt
- Lemezfúró
- Спиральное сверло, укороченное исполнение
- Wiertłokrótkie
- sveder kratki



A123

Celková délka dle DIN 1897 / Teljes hossz a DIN 1897 szabvány szerint / Długość całkowita zgodnie z DIN 1897 / Lungimea totala conf. DIN 1897 / Общая длина согласно DIN 1897 / Skupna dolžina po DIN 1897



■ 1.1 1.2 1.3 6.1 6.2 6.3 6.4 7.1 7.2

● 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.3 7.4 8.1 8.2 8.3 9.1

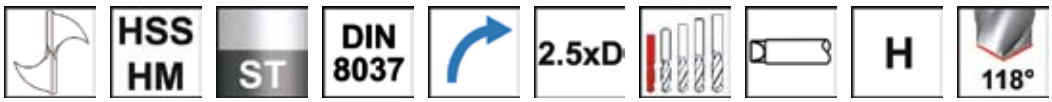
d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3/32	2.38	0.0937	14	43	A1233/32
	2.50	0.0984	14	43	A1232.5
	3.00	0.1181	16	46	A1233.0
	3.10	0.1220	18	49	A1233.1
1/8	3.18	0.1251	18	49	A1231/8
	3.20	0.1259	18	49	A1233.2
30	3.26	0.1283	18	49	A123N30
	3.30	0.1299	18	49	A1233.3
	3.50	0.1377	18	52	A1233.5
	3.70	0.1456	18	52	A1233.7
5/32	3.97	0.1562	18	55	A1235/32
	4.00	0.1574	18	55	A1234.0
	4.10	0.1614	18	55	A1234.1
	4.20	0.1653	18	55	A1234.2
	4.50	0.1771	18	58	A1234.5
3/16	4.76	0.1874	18	62	A1233/16
	4.80	0.1889	18	62	A1234.8
	4.90	0.1929	18	62	A1234.9
	5.00	0.1968	18	62	A1235.0
	5.50	0.2165	18	66	A1235.5
7/32	5.56	0.2188	18	66	A1237/32
	6.00	0.2362	18	66	A1236.0
1/4	6.35	0.2500	19	70	A1231/4
	6.50	0.2559	19	70	A1236.5

A124

- Navrtávák
- Burghiu scurt
- Keményfém betétes fúró
- Спиральное сверло, укороченное исполнение
- Wiertłokrótkie
- sveder kratki

A124

Hrot dle DIN 1809 / Menesztő a DIN 1809 szabvány szerint / Chwyt zgodnie z DIN 1809 / Antrenor conf. DIN 1809 / Согласно DIN 1809 / DIN 1809



■ 3.1 3.2 3.3 3.4

● 1.5 1.6 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.2 6.3 6.4 8.2 9.1

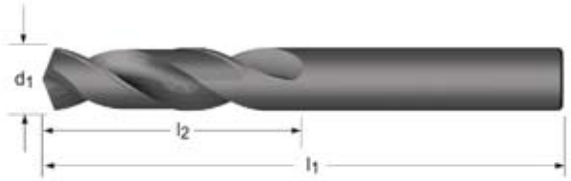
d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.00	0.1181	20	50	**A1243.0**
3.20	0.1259	25	56	**A1243.2**
3.50	0.1377	25	56	**A1243.5**
4.00	0.1574	25	56	**A1244.0**
4.20	0.1653	28	63	**A1244.2**
4.50	0.1771	28	63	**A1244.5**
4.80	0.1889	28	63	**A1244.8**
5.00	0.1968	28	63	**A1245.0**
5.20	0.2047	32	71	**A1245.2**
5.50	0.2165	32	71	**A1245.5**
5.80	0.2283	32	71	**A1245.8**
6.00	0.2362	32	71	**A1246.0**
6.50	0.2559	32	71	**A1246.5**
6.80	0.2677	40	80	**A1246.8**
7.00	0.2755	40	80	**A1247.0**
7.50	0.2952	40	80	**A1247.5**

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
8.00	0.3149	40	80	**A1248.0**
8.50	0.3346	50	90	**A1248.5**
9.00	0.3543	50	90	**A1249.0**
9.50	0.3740	50	90	**A1249.5**
10.00	0.3937	56	100	**A12410.0**
10.50	0.4133	56	100	**A12410.5**
11.00	0.4330	56	100	**A12411.0**
11.50	0.4527	63	112	**A12411.5**
12.00	0.4724	63	112	**A12412.0**
13.00	0.5118	63	112	**A12413.0**
14.00	0.5511	71	125	**A12414.0**
15.00	0.5905	71	125	**A12415.0**
16.00	0.6299	80	140	**A12416.0**

A120

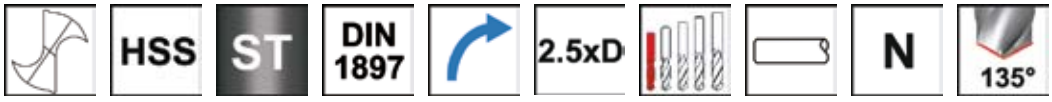
DORMER

- Navrtávák
- Burghiu scurt
- Extra Rövid Csigafúró
- Спиральное сверло, укороченное исполнение
- Wiertłokrótkie
- sveder kratki



A120

Broušený povrch pod 1,0 mm, 118° až do 2,9 mm a nad 13,0mm / Fényes kivitel 1,0mm alatt. 118° csúcsszö 2,9mm alatt és 13,0 mm felett / Jasny ponizej 1,0mm.Kat ostrza 118st. Do sr.2,9mm i powyzej 13,0mm / Lucios sub 1,0 mm varf la 118ş pana la 2,9 mm si peste 13,0 mm / Менее 1,0 мм полированные, угол при вершине 118є до 2,9 мм и более 13,0 мм / Svetli pod 1,0mm. 118st konica do 2,9mm in nad 13,0mm



■ 1.1 1.2 1.3 1.4 2.1 3.1 3.2 3.3 4.1

● 1.5 1.6 2.2 2.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.50	0.0196	3	20	**A120.5**
	0.60	0.0236	3.5	21	**A120.6**
	0.70	0.0275	4.5	23	**A120.7**
1/32	0.79	0.0312	5	24	**A1201/32**
	0.80	0.0314	5	24	**A120.8**
	0.90	0.0354	5.5	25	**A120.9**
	1.00	0.0393	6	26	**A1201.0**
	1.10	0.0433	7	28	**A1201.1**
3/64	1.19	0.0468	8	30	**A1203/64**
	1.20	0.0472	8	30	**A1201.2**
	1.30	0.0511	8	30	**A1201.3**
	1.40	0.0551	9	32	**A1201.4**
	1.50	0.0590	9	32	**A1201.5**
1/16	1.59	0.0625	10	34	**A1201/16**
	1.60	0.0629	10	34	**A1201.6**
	1.70	0.0669	10	34	**A1201.7**
	1.80	0.0708	11	36	**A1201.8**
	1.90	0.0748	11	36	**A1201.9**
5/64	1.98	0.0779	12	38	**A1205/64**
	2.00	0.0787	12	38	**A1202.0**
	2.10	0.0826	12	38	**A1202.1**
	2.20	0.0866	13	40	**A1202.2**
	2.25	0.0885	13	40	**A1202.25**
	2.30	0.0905	13	40	**A1202.3**
3/32	2.38	0.0937	14	43	**A1203/32**
	2.40	0.0944	14	43	**A1202.4**
	2.50	0.0984	14	43	**A1202.5**
	2.60	0.1023	14	43	**A1202.6**
	2.65	0.1043	14	43	**A1202.65**
	2.70	0.1062	16	46	**A1202.7**
7/64	2.78	0.1094	16	46	**A1207/64**
	2.80	0.1102	16	46	**A1202.8**
	2.90	0.1141	16	46	**A1202.9**
	3.00	0.1181	16	46	**A1203.0**
	3.10	0.1220	18	49	**A1203.1**
1/8	3.18	0.1251	18	49	**A1201/8**
	3.20	0.1259	18	49	**A1203.2**
	3.25	0.1279	18	49	**A1203.25**
	3.30	0.1299	18	49	**A1203.3**
	3.40	0.1338	20	52	**A1203.4**

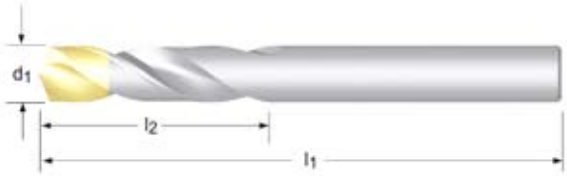
d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.50	0.1377	20	52	**A1203.5**
9/64	3.57	0.1405	20	52	**A1209/64**
	3.60	0.1417	20	52	**A1203.6**
	3.70	0.1456	20	52	**A1203.7**
	3.80	0.1496	22	55	**A1203.8**
	3.90	0.1535	22	55	**A1203.9**
5/32	3.97	0.1562	22	55	**A1205/32**
	4.00	0.1574	22	55	**A1204.0**
	4.10	0.1614	22	55	**A1204.1**
	4.20	0.1653	22	55	**A1204.2**
	4.30	0.1692	24	58	**A1204.3**
11/64	4.37	0.1720	24	58	**A12011/64**
	4.40	0.1732	24	58	**A1204.4**
	4.50	0.1771	24	58	**A1204.5**
	4.60	0.1811	24	58	**A1204.6**
	4.70	0.1850	24	58	**A1204.7**
3/16	4.76	0.1874	26	62	**A1203/16**
	4.80	0.1889	26	62	**A1204.8**
	4.90	0.1929	26	62	**A1204.9**
	5.00	0.1968	26	62	**A1205.0**
	5.10	0.2007	26	62	**A1205.1**
13/64	5.16	0.2031	26	62	**A12013/64**
	5.20	0.2047	26	62	**A1205.2**
	5.30	0.2086	26	62	**A1205.3**
	5.40	0.2125	28	66	**A1205.4**
	5.50	0.2165	28	66	**A1205.5**
7/32	5.56	0.2188	28	66	**A1207/32**
	5.60	0.2204	28	66	**A1205.6**
	5.70	0.2244	28	66	**A1205.7**
	5.80	0.2283	28	66	**A1205.8**
	5.90	0.2322	28	66	**A1205.9**
15/64	5.95	0.2342	28	66	**A12015/64**
	6.00	0.2362	28	66	**A1206.0**
	6.10	0.2401	31	70	**A1206.1**
	6.20	0.2440	31	70	**A1206.2**
	6.30	0.2480	31	70	**A1206.3**
1/4	6.35	0.2500	31	70	**A1201/4**
	6.40	0.2519	31	70	**A1206.4**
	6.50	0.2559	31	70	**A1206.5**
	6.60	0.2598	31	70	**A1206.6**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.70	0.2637	31	70	**A1206.7**
	6.80	0.2677	34	74	**A1206.8**
	6.90	0.2716	34	74	**A1206.9**
	7.00	0.2755	34	74	**A1207.0**
	7.10	0.2795	34	74	**A1207.1**
9/32	7.14	0.2811	34	74	**A1209/32**
	7.20	0.2834	34	74	**A1207.2**
	7.30	0.2874	34	74	**A1207.3**
	7.40	0.2913	34	74	**A1207.4**
	7.50	0.2952	34	74	**A1207.5**
	7.60	0.2992	37	79	**A1207.6**
	7.70	0.3031	37	79	**A1207.7**
	7.80	0.3070	37	79	**A1207.8**
	7.90	0.3110	37	79	**A1207.9**
5/16	7.94	0.3125	37	79	**A1205/16**
	8.00	0.3149	37	79	**A1208.0**
	8.10	0.3188	37	79	**A1208.1**
	8.20	0.3228	37	79	**A1208.2**
	8.30	0.3267	37	79	**A1208.3**
	8.40	0.3307	37	79	**A1208.4**
	8.50	0.3346	37	79	**A1208.5**
	8.60	0.3385	40	84	**A1208.6**
	8.70	0.3425	40	84	**A1208.7**
11/32	8.73	0.3437	40	84	**A12011/32**
	8.80	0.3464	40	84	**A1208.8**
	8.90	0.3503	40	84	**A1208.9**
	9.00	0.3543	40	84	**A1209.0**
	9.10	0.3582	40	84	**A1209.1**
	9.20	0.3622	40	84	**A1209.2**
	9.30	0.3661	40	84	**A1209.3**
	9.40	0.3700	40	84	**A1209.4**
	9.50	0.3740	40	84	**A1209.5**
3/8	9.53	0.3751	43	89	**A1203/8**
	9.60	0.3779	43	89	**A1209.6**
	9.70	0.3818	43	89	**A1209.7**
	9.80	0.3858	43	89	**A1209.8**
	9.90	0.3897	43	89	**A1209.9**
	10.00	0.3937	43	89	**A12010.0**
	10.10	0.3976	43	89	**A12010.1**
	10.20	0.4015	43	89	**A12010.2**
	10.30	0.4055	43	89	**A12010.3**
13/32	10.32	0.4062	43	89	**A12013/32**
	10.40	0.4094	43	89	**A12010.4**
	10.50	0.4133	43	89	**A12010.5**
	10.60	0.4173	43	89	**A12010.6**
	10.70	0.4212	47	95	**A12010.7**
	10.80	0.4251	47	95	**A12010.8**
	10.90	0.4291	47	95	**A12010.9**
	11.00	0.4330	47	95	**A12011.0**
	11.10	0.4370	47	95	**A12011.1**
7/16	11.11	0.4374	47	95	**A1207/16**
	11.20	0.4409	47	95	**A12011.2**
	11.30	0.4448	47	95	**A12011.3**
	11.50	0.4527	47	95	**A12011.5**
	11.60	0.4566	47	95	**A12011.6**
	11.70	0.4606	47	95	**A12011.7**
	11.80	0.4645	47	95	**A12011.8**
	11.90	0.4685	51	102	**A12011.9**
	12.00	0.4724	51	102	**A12012.0**
	12.10	0.4763	51	102	**A12012.1**
	12.20	0.4803	51	102	**A12012.2**
	12.50	0.4921	51	102	**A12012.5**
1/2	12.70	0.5000	51	102	**A1201/2**
	13.00	0.5118	51	102	**A12013.0**
	13.50	0.5314	54	107	**A12013.5**
	14.00	0.5511	54	107	**A12014.0**
9/16	14.29	0.5625	56	111	**A1209/16**
	14.50	0.5708	56	111	**A12014.5**
	15.00	0.5905	56	111	**A12015.0**
	15.50	0.6102	58	115	**A12015.5**
5/8	15.88	0.6251	58	115	**A1205/8**
	16.00	0.6299	58	115	**A12016.0**
	16.50	0.6496	60	119	**A12016.5**
	17.00	0.6692	60	119	**A12017.0**
11/16	17.46	0.6874	62	123	**A12011/16**
	17.50	0.6889	62	123	**A12017.5**
	18.00	0.7086	62	123	**A12018.0**
	18.50	0.7283	64	127	**A12018.5**
	19.00	0.7480	64	127	**A12019.0**
3/4	19.05	0.7500	66	131	**A1203/4**
	19.50	0.7677	66	131	**A12019.5**
	20.00	0.7874	66	131	**A12020.0**
	20.50	0.8070	68	136	**A12020.5**
13/16	20.64	0.8125	68	136	**A12013/16**
	21.00	0.8267	68	136	**A12021.0**
	22.00	0.8661	70	141	**A12022.0**
7/8	22.23	0.8751	70	141	**A1207/8**
	23.00	0.9055	72	146	**A12023.0**
15/16	23.81	0.9374	75	151	**A12015/16**
	24.00	0.9448	75	151	**A12024.0**
	25.00	0.9842	75	151	**A12025.0**

A022

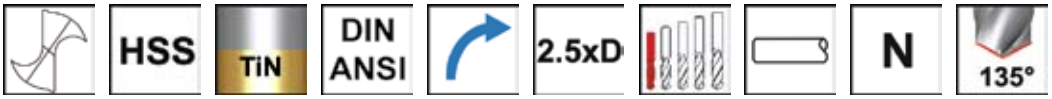
DORMER

- Navrtávák
- Burghiu scurt
- Extra Rövid Csigafúró
- Спиральное сверло, укороченное исполнение
- Wiertłokrótkie
- sveder kratki



A022

Broušený povrch pod průměr 2.0mm, podbroušená povlakovaná špička TiN od prům. 2,0mm a větší / Bevonat: 2mm alatt-fényes, a hegyen-TiN; Geom: 2mm és afölött: SplitPoint / Jasny poniżej 2.0mm, z częściowym pokryciem TiN i geometrią Split Point powyżej średnicy 2.0mm / Lucios sub 2.0 mm, varf TiN si Split Point peste 2.0 mm / Шлифованные менее 2.0 мм, более 2.0 мм покрытие TiN и подточка вершины / Brez prevleke do 2mm, TiN prevlečeni od premera 2mm naprej



■ 1.1 1.2 1.3 1.4 1.5 2.1 3.1 3.2 3.3 4.1 7.1 7.2 7.3

● 1.6 2.2 2.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.4 8.1 8.2 8.3 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.50	0.0196	3	20	**A022.5**
	0.60	0.0236	3.5	21	**A022.6**
	0.70	0.0275	4.5	23	**A022.7**
1/32	0.79	0.0312	13	35	**A0221/32**
	0.80	0.0314	5	24	**A022.8**
	0.90	0.0354	5.5	25	**A022.9**
	1.00	0.0393	6	26	**A0221.0**
	1.10	0.0433	7	28	**A0221.1**
3/64	1.19	0.0468	13	35	**A0223/64**
	1.20	0.0472	8	30	**A0221.2**
	1.30	0.0511	8	30	**A0221.3**
	1.40	0.0551	9	32	**A0221.4**
	1.50	0.0590	9	32	**A0221.5**
1/16	1.59	0.0625	16	41	**A0221/16**
	1.60	0.0629	10	34	**A0221.6**
	1.70	0.0669	10	34	**A0221.7**
	1.80	0.0708	11	36	**A0221.8**
	1.90	0.0748	11	36	**A0221.9**
5/64	1.98	0.0779	17	43	**A0225/64**
	2.00	0.0787	12	38	**A0222.0**
	2.10	0.0826	12	38	**A0222.1**
	2.20	0.0866	13	40	**A0222.2**
	2.25	0.0885	13	40	**A0222.25**
	2.30	0.0905	13	40	**A0222.3**
3/32	2.38	0.0937	20	45	**A0223/32**
	2.40	0.0944	14	43	**A0222.4**
	2.50	0.0984	14	43	**A0222.5**
	2.60	0.1023	14	43	**A0222.6**
	2.65	0.1043	14	43	**A0222.65**
	2.70	0.1062	16	46	**A0222.7**
7/64	2.78	0.1094	22	47	**A0227/64**
	2.80	0.1102	16	46	**A0222.8**
	2.90	0.1141	16	46	**A0222.9**
	3.00	0.1181	16	46	**A0223.0**
	3.10	0.1220	18	49	**A0223.1**
1/8	3.18	0.1251	23	49	**A0221/8**
	3.20	0.1259	18	49	**A0223.2**
	3.25	0.1279	18	49	**A0223.25**
	3.30	0.1299	18	49	**A0223.3**
	3.40	0.1338	20	52	**A0223.4**
	3.50	0.1377	20	52	**A0223.5**
9/64	3.57	0.1405	25	50	**A0229/64**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.60	0.1417	20	52	**A0223.6**
	3.70	0.1456	20	52	**A0223.7**
	3.80	0.1496	22	55	**A0223.8**
	3.90	0.1535	22	55	**A0223.9**
5/32	3.97	0.1562	26	53	**A0225/32**
	4.00	0.1574	22	55	**A0224.0**
	4.10	0.1614	22	55	**A0224.1**
	4.20	0.1653	22	55	**A0224.2**
	4.30	0.1692	24	58	**A0224.3**
11/64	4.37	0.1720	28	55	**A02211/64**
	4.40	0.1732	24	58	**A0224.4**
	4.50	0.1771	24	58	**A0224.5**
	4.60	0.1811	24	58	**A0224.6**
	4.70	0.1850	24	58	**A0224.7**
3/16	4.76	0.1874	30	57	**A0223/16**
	4.80	0.1889	26	62	**A0224.8**
	4.90	0.1929	26	62	**A0224.9**
	5.00	0.1968	26	62	**A0225.0**
	5.10	0.2007	26	62	**A0225.1**
13/64	5.16	0.2031	31	58	**A02213/64**
	5.20	0.2047	26	62	**A0225.2**
	5.30	0.2086	26	62	**A0225.3**
	5.40	0.2125	28	66	**A0225.4**
	5.50	0.2165	28	66	**A0225.5**
7/32	5.56	0.2188	33	61	**A0227/32**
	5.60	0.2204	28	66	**A0225.6**
	5.70	0.2244	28	66	**A0225.7**
	5.80	0.2283	28	66	**A0225.8**
	5.90	0.2322	28	66	**A0225.9**
15/64	5.95	0.2342	34	63	**A02215/64**
	6.00	0.2362	28	66	**A0226.0**
	6.10	0.2401	31	70	**A0226.1**
	6.20	0.2440	31	70	**A0226.2**
	6.30	0.2480	31	70	**A0226.3**
1/4	6.35	0.2500	36	65	**A0221/4**
	6.40	0.2519	31	70	**A0226.4**
	6.50	0.2559	31	70	**A0226.5**
	6.60	0.2598	31	70	**A0226.6**
	6.70	0.2637	31	70	**A0226.7**
	6.80	0.2677	34	74	**A0226.8**
	6.90	0.2716	34	74	**A0226.9**
	7.00	0.2755	34	74	**A0227.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	7.10	0.2795	34	74	**A0227.1**
9/32	7.14	0.2811	40	70	**A0229/32**
	7.20	0.2834	34	74	**A0227.2**
	7.30	0.2874	34	74	**A0227.3**
	7.40	0.2913	34	74	**A0227.4**
	7.50	0.2952	34	74	**A0227.5**
	7.60	0.2992	37	79	**A0227.6**
	7.70	0.3031	37	79	**A0227.7**
	7.80	0.3070	37	79	**A0227.8**
	7.90	0.3110	37	79	**A0227.9**
5/16	7.94	0.3125	43	73	**A0225/16**
	8.00	0.3149	37	79	**A0228.0**
	8.10	0.3188	37	79	**A0228.1**
	8.20	0.3228	37	79	**A0228.2**
	8.30	0.3267	37	79	**A0228.3**
	8.40	0.3307	37	79	**A0228.4**
	8.50	0.3346	37	79	**A0228.5**
	8.60	0.3385	40	84	**A0228.6**
	8.70	0.3425	40	84	**A0228.7**
11/32	8.73	0.3437	45	78	**A02211/32**
	8.80	0.3464	40	84	**A0228.8**
	8.90	0.3503	40	84	**A0228.9**
	9.00	0.3543	40	84	**A0229.0**
	9.10	0.3582	40	84	**A0229.1**
	9.20	0.3622	40	84	**A0229.2**
	9.30	0.3661	40	84	**A0229.3**
	9.40	0.3700	40	84	**A0229.4**
	9.50	0.3740	40	84	**A0229.5**
3/8	9.53	0.3751	48	81	**A0223/8**
	9.60	0.3779	43	89	**A0229.6**
	9.70	0.3818	43	89	**A0229.7**
	9.80	0.3858	43	89	**A0229.8**
	9.90	0.3897	43	89	**A0229.9**
	10.00	0.3937	43	89	**A02210.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.10	0.3976	43	89	**A02210.1**
	10.20	0.4015	43	89	**A02210.2**
	10.30	0.4055	43	89	**A02210.3**
13/32	10.32	0.4062	51	86	**A02213/32**
	10.40	0.4094	43	89	**A02210.4**
	10.50	0.4133	43	89	**A02210.5**
	10.60	0.4173	43	89	**A02210.6**
	10.70	0.4212	47	95	**A02210.7**
	10.80	0.4251	47	95	**A02210.8**
	10.90	0.4291	47	95	**A02210.9**
	11.00	0.4330	47	95	**A02211.0**
	11.10	0.4370	47	95	**A02211.1**
7/16	11.11	0.4374	54	89	**A0227/16**
	11.20	0.4409	47	95	**A02211.2**
	11.30	0.4448	47	95	**A02211.3**
	11.50	0.4527	47	95	**A02211.5**
	11.60	0.4566	47	95	**A02211.6**
	11.70	0.4606	47	95	**A02211.7**
	11.80	0.4645	47	95	**A02211.8**
	11.90	0.4685	51	102	**A02211.9**
	12.00	0.4724	51	102	**A02212.0**
	12.10	0.4763	51	102	**A02212.1**
	12.20	0.4803	51	102	**A02212.2**
	12.50	0.4921	51	102	**A02212.5**
1/2	12.70	0.5000	60	98	**A0221/2**
	13.00	0.5118	51	102	**A02213.0**
	13.50	0.5314	54	107	**A02213.5**
	14.00	0.5511	54	107	**A02214.0**
9/16	14.29	0.5625	67	105	**A0229/16**
	14.50	0.5708	56	111	**A02214.5**
	15.00	0.5905	56	111	**A02215.0**
	15.50	0.6102	58	115	**A02215.5**
5/8	15.88	0.6251	73	111	**A0225/8**
	16.00	0.6299	58	115	**A02216.0**

A520

DORMER

- ADX vrták krátký
- Burghiu ADX scurt
- ADX Extra Rövid Csigafúró
- Сверло ADX, укороченное исполнение
- Wiertłotypu ADX - Krótkie
- ADX sveder kratki

ADX

A520

■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 6.2 6.3 7.2 7.3 7.4 8.2 8.3

● 1.6 4.3 5.1 5.2 5.3 6.1 6.4 7.1 8.1

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	16	46	**A5203.0**
	3.10	0.1220	18	49	**A5203.1**
1/8	3.18	0.1250	18	49	**A5201/8**
	3.20	0.1259	18	49	**A5203.2**
	3.30	0.1299	18	49	**A5203.3**
	3.40	0.1338	20	52	**A5203.4**
	3.50	0.1377	20	52	**A5203.5**
9/64	3.57	0.1405	20	52	**A5209/64**
	3.60	0.1417	20	52	**A5203.6**
	3.70	0.1456	20	52	**A5203.7**
	3.80	0.1496	22	55	**A5203.8**
	3.90	0.1535	22	55	**A5203.9**
5/32	3.97	0.1562	22	55	**A5205/32**
	4.00	0.1574	22	55	**A5204.0**
	4.10	0.1614	22	55	**A5204.1**
	4.20	0.1653	22	55	**A5204.2**
	4.30	0.1692	24	58	**A5204.3**
11/64	4.37	0.1720	24	58	**A52011/64**
	4.40	0.1732	24	58	**A5204.4**
	4.50	0.1771	24	58	**A5204.5**
	4.60	0.1811	24	58	**A5204.6**
	4.70	0.1850	24	58	**A5204.7**
3/16	4.76	0.1874	26	62	**A5203/16**
	4.80	0.1889	26	62	**A5204.8**
	4.90	0.1929	26	62	**A5204.9**
	5.00	0.1968	26	62	**A5205.0**
	5.10	0.2007	26	62	**A5205.1**
13/64	5.16	0.2031	26	62	**A52013/64**
	5.20	0.2047	26	62	**A5205.2**
	5.30	0.2086	26	62	**A5205.3**
	5.40	0.2125	28	66	**A5205.4**
	5.50	0.2165	28	66	**A5205.5**
7/32	5.56	0.2188	28	66	**A5207/32**
	5.60	0.2204	28	66	**A5205.6**
	5.70	0.2244	28	66	**A5205.7**
	5.80	0.2283	28	66	**A5205.8**
	5.90	0.2322	28	66	**A5205.9**
15/64	5.95	0.2342	28	66	**A52015/64**
	6.00	0.2362	28	66	**A5206.0**
	6.10	0.2401	31	70	**A5206.1**
	6.20	0.2440	31	70	**A5206.2**
	6.30	0.2480	31	70	**A5206.3**
1/4	6.35	0.2500	31	70	**A5201/4**
	6.40	0.2519	31	70	**A5206.4**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.50	0.2559	31	70	**A5206.5**
	6.60	0.2598	31	70	**A5206.6**
	6.70	0.2637	31	70	**A5206.7**
17/64	6.75	0.2657	34	74	**A52017/64**
	6.80	0.2677	34	74	**A5206.8**
	6.90	0.2716	34	74	**A5206.9**
	7.00	0.2755	34	74	**A5207.0**
	7.10	0.2795	34	74	**A5207.1**
9/32	7.14	0.2811	34	74	**A5209/32**
	7.20	0.2834	34	74	**A5207.2**
	7.30	0.2874	34	74	**A5207.3**
	7.40	0.2913	34	74	**A5207.4**
	7.50	0.2952	34	74	**A5207.5**
19/64	7.54	0.2968	37	79	**A52019/64**
	7.60	0.2992	37	79	**A5207.6**
	7.70	0.3031	37	79	**A5207.7**
	7.80	0.3070	37	79	**A5207.8**
	7.90	0.3110	37	79	**A5207.9**
5/16	7.94	0.3125	37	79	**A5205/16**
	8.00	0.3149	37	79	**A5208.0**
	8.10	0.3188	37	79	**A5208.1**
	8.20	0.3228	37	79	**A5208.2**
	8.30	0.3267	37	79	**A5208.3**
21/64	8.33	0.3279	37	79	**A52021/64**
	8.40	0.3307	37	79	**A5208.4**
	8.50	0.3346	37	79	**A5208.5**
	8.60	0.3385	40	84	**A5208.6**
	8.70	0.3425	40	84	**A5208.7**
11/32	8.73	0.3437	40	84	**A52011/32**
	8.80	0.3464	40	84	**A5208.8**
	8.90	0.3503	40	84	**A5208.9**
	9.00	0.3543	40	84	**A5209.0**
	9.10	0.3582	40	84	**A5209.1**
23/64	9.13	0.3594	40	84	**A52023/64**
	9.20	0.3622	40	84	**A5209.2**
	9.30	0.3661	40	84	**A5209.3**
	9.40	0.3700	40	84	**A5209.4**
	9.50	0.3740	40	84	**A5209.5**
3/8	9.53	0.3750	43	89	**A5203/8**
	9.60	0.3779	43	89	**A5209.6**
	9.70	0.3818	43	89	**A5209.7**
	9.80	0.3858	43	89	**A5209.8**
	9.90	0.3897	43	89	**A5209.9**
25/64	9.92	0.3905	43	89	**A52025/64**

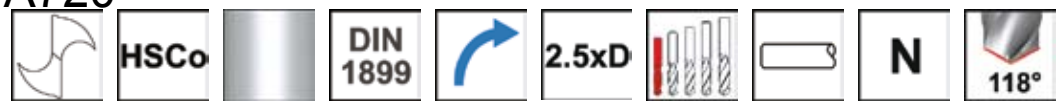
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	43	89	**A52010.0**
	10.10	0.3976	43	89	**A52010.1**
	10.20	0.4015	43	89	**A52010.2**
	10.30	0.4055	43	89	**A52010.3**
13/32	10.32	0.4062	43	89	**A52013/32**
	10.40	0.4094	43	89	**A52010.4**
	10.50	0.4133	43	89	**A52010.5**
	10.60	0.4173	43	89	**A52010.6**
	10.70	0.4212	47	95	**A52010.7**
27/64	10.72	0.4220	47	95	**A52027/64**
	10.80	0.4251	47	95	**A52010.8**
	10.90	0.4291	47	95	**A52010.9**
	11.00	0.4330	47	95	**A52011.0**
	11.10	0.4370	47	95	**A52011.1**
7/16	11.11	0.4374	47	95	**A5207/16**
	11.20	0.4409	47	95	**A52011.2**
	11.30	0.4448	47	95	**A52011.3**
	11.40	0.4488	47	95	**A52011.4**
	11.50	0.4527	47	95	**A52011.5**
29/64	11.51	0.4531	47	95	**A52029/64**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	11.60	0.4566	47	95	**A52011.6**
	11.70	0.4606	47	95	**A52011.7**
	11.80	0.4645	47	95	**A52011.8**
	11.90	0.4685	51	102	**A52011.9**
15/32	11.91	0.4688	51	102	**A52015/32**
	12.00	0.4724	51	102	**A52012.0**
	12.10	0.4763	51	102	**A52012.1**
	12.20	0.4803	51	102	**A52012.2**
	12.30	0.4842	51	102	**A52012.3**
31/64	12.30	0.4842	51	102	**A52031/64**
	12.40	0.4881	51	102	**A52012.4**
	12.50	0.4921	51	102	**A52012.5**
	12.60	0.4960	51	102	**A52012.6**
	12.70	0.5000	51	102	**A52012.7**
1/2	12.70	0.5000	51	102	**A5201/2**
	12.80	0.5039	51	102	**A52012.8**
	12.90	0.5078	51	102	**A52012.9**
	13.00	0.5118	51	102	**A52013.0**

A720

- Mikrovrták
- Micro burghie
- Mini Csigafúró
- Микросверло
- Wiertłomikro
- Micro sveder

A720



■ 1.1 1.2 1.3 1.4 3.1 3.2

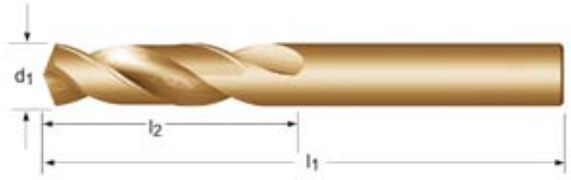
● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	d_2 Øh$_8$ mm	e-Code
0.15	0.0059	1.0	25	1	**A720.15**
0.16	0.0063	1.4	25	1	**A720.16**
0.17	0.0067	1.4	25	1	**A720.17**
0.18	0.0070	1.4	25	1	**A720.18**
0.20	0.0078	1.8	25	1	**A720.2**
0.22	0.0086	1.8	25	1	**A720.22**
0.25	0.0098	2.2	25	1	**A720.25**
0.27	0.0106	2.2	25	1	**A720.27**
0.28	0.0110	2.2	25	1	**A720.28**
0.30	0.0118	2.2	25	1	**A720.3**
0.35	0.0137	2.8	25	1	**A720.35**
0.38	0.0149	2.8	25	1	**A720.38**
0.39	0.0154	3.6	25	1	**A720.39**
0.40	0.0157	3.6	25	1	**A720.4**
0.45	0.0177	3.6	25	1	**A720.45**
0.50	0.0196	4.0	25	1	**A720.5**

d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	d_2 Øh$_8$ mm	e-Code
0.55	0.0217	4.5	25	1	**A720.55**
0.60	0.0236	4.5	25	1	**A720.6**
0.62	0.0244	5.0	25	1	**A720.62**
0.65	0.0256	5.0	25	1	**A720.65**
0.70	0.0276	5.6	25	1	**A720.7**
0.75	0.0295	5.6	25	1	**A720.75**
0.80	0.0315	6.3	25	1.5	**A720.8**
0.85	0.0335	6.3	25	1.5	**A720.85**
0.90	0.0354	7.1	25	1.5	**A720.9**
0.95	0.0374	7.1	25	1.5	**A720.95**
1.00	0.0394	8.0	25	1.5	**A7201.0**
1.05	0.0413	8.0	25	1.5	**A7201.05**
1.10	0.0433	9.0	25	1.5	**A7201.1**
1.20	0.0472	10.0	25	1.5	**A7201.2**
1.30	0.0512	10.0	25	1.5	**A7201.3**
1.40	0.0551	11.2	25	1.5	**A7201.4**

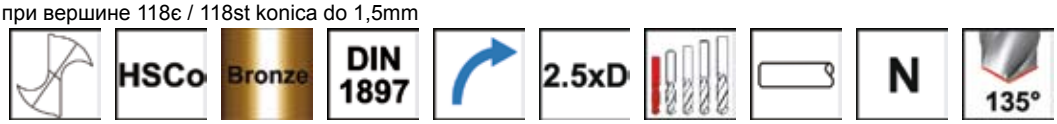
A117

- Navrtávák
- Burghiu scurt
- Extra Rövid Csigafúró
- Спиральное сверло, укороченное исполнение
- Wiertłokrótkie
- sveder kratki



A117

118° úhel až do 1,5 mm. / 118° csúcsszög 1,5mm alatt / Kat ostrza 118st. Do sr.1,5mm / Varf la 118ş pana la 1,5 mm / До 1,5 мм угол при вершине 118є / 118st konica do 1,5mm



■ 1.5 1.6 2.1 2.2 2.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 9.1

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	6	26	**A1171.0**
	1.10	0.0433	7	28	**A1171.1**
	1.20	0.0472	8	30	**A1171.2**
	1.30	0.0511	8	30	**A1171.3**
	1.40	0.0551	9	32	**A1171.4**
	1.50	0.0590	9	32	**A1171.5**
	1.60	0.0629	10	34	**A1171.6**
	1.70	0.0669	10	34	**A1171.7**
	1.80	0.0708	11	36	**A1171.8**
	1.90	0.0748	11	36	**A1171.9**
	2.00	0.0787	12	38	**A1172.0**
	2.10	0.0826	12	38	**A1172.1**
	2.20	0.0866	13	40	**A1172.2**
	2.30	0.0905	13	40	**A1172.3**
	2.40	0.0944	14	43	**A1172.4**
	2.50	0.0984	14	43	**A1172.5**
	2.60	0.1023	14	43	**A1172.6**
	2.70	0.1062	16	46	**A1172.7**
	2.80	0.1102	16	46	**A1172.8**
	2.90	0.1141	16	46	**A1172.9**
	3.00	0.1181	16	46	**A1173.0**
	3.10	0.1220	18	49	**A1173.1**
1/8	3.18	0.1251	18	49	**A1171/8**
	3.20	0.1259	18	49	**A1173.2**
	3.30	0.1299	18	49	**A1173.3**
	3.40	0.1338	20	52	**A1173.4**
	3.50	0.1377	20	52	**A1173.5**
	3.60	0.1417	20	52	**A1173.6**
	3.70	0.1456	20	52	**A1173.7**
	3.80	0.1496	22	55	**A1173.8**
	3.90	0.1535	22	55	**A1173.9**
5/32	3.97	0.1562	22	55	**A1175/32**
	4.00	0.1574	22	55	**A1174.0**
	4.10	0.1614	22	55	**A1174.1**
	4.20	0.1653	22	55	**A1174.2**
	4.30	0.1692	24	58	**A1174.3**
	4.40	0.1732	24	58	**A1174.4**
	4.50	0.1771	24	58	**A1174.5**
	4.60	0.1811	24	58	**A1174.6**
	4.70	0.1850	24	58	**A1174.7**
3/16	4.76	0.1874	26	62	**A1173/16**
	4.80	0.1889	26	62	**A1174.8**
	4.90	0.1929	26	62	**A1174.9**
	5.00	0.1968	26	62	**A1175.0**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	5.10	0.2007	26	62	**A1175.1**
	5.20	0.2047	26	62	**A1175.2**
	5.30	0.2086	26	62	**A1175.3**
	5.40	0.2125	28	66	**A1175.4**
	5.50	0.2165	28	66	**A1175.5**
	5.60	0.2204	28	66	**A1175.6**
	5.70	0.2244	28	66	**A1175.7**
	5.80	0.2283	28	66	**A1175.8**
	5.90	0.2322	28	66	**A1175.9**
	6.00	0.2362	28	66	**A1176.0**
	6.10	0.2401	31	70	**A1176.1**
	6.20	0.2440	31	70	**A1176.2**
	6.30	0.2480	31	70	**A1176.3**
1/4	6.35	0.2500	31	70	**A1171/4**
	6.40	0.2519	31	70	**A1176.4**
	6.50	0.2559	31	70	**A1176.5**
	6.60	0.2598	31	70	**A1176.6**
	6.70	0.2637	31	70	**A1176.7**
	6.80	0.2677	34	74	**A1176.8**
	6.90	0.2716	34	74	**A1176.9**
	7.00	0.2755	34	74	**A1177.0**
	7.10	0.2795	34	74	**A1177.1**
	7.20	0.2834	34	74	**A1177.2**
	7.30	0.2874	34	74	**A1177.3**
	7.40	0.2913	34	74	**A1177.4**
	7.50	0.2952	34	74	**A1177.5**
	7.60	0.2992	37	79	**A1177.6**
	7.70	0.3031	37	79	**A1177.7**
	7.80	0.3070	37	79	**A1177.8**
	7.90	0.3110	37	79	**A1177.9**
5/16	7.94	0.3125	37	79	**A1175/16**
	8.00	0.3149	37	79	**A1178.0**
	8.10	0.3188	37	79	**A1178.1**
	8.20	0.3228	37	79	**A1178.2**
	8.30	0.3267	37	79	**A1178.3**
	8.40	0.3307	37	79	**A1178.4**
	8.50	0.3346	37	79	**A1178.5**
	8.60	0.3385	40	84	**A1178.6**
	8.70	0.3425	40	84	**A1178.7**
	8.80	0.3464	40	84	**A1178.8**
	8.90	0.3503	40	84	**A1178.9**
	9.00	0.3543	40	84	**A1179.0**
	9.10	0.3582	40	84	**A1179.1**
	9.20	0.3622	40	84	**A1179.2**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	9.30	0.3661	40	84	**A1179.3**
	9.40	0.3700	40	84	**A1179.4**
	9.50	0.3740	40	84	**A1179.5**
3/8	9.53	0.3751	43	89	**A1173/8**
	9.60	0.3779	43	89	**A1179.6**
	9.70	0.3818	43	89	**A1179.7**
	9.80	0.3858	43	89	**A1179.8**
	9.90	0.3897	43	89	**A1179.9**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	43	89	**A11710.0**
	10.20	0.4015	43	89	**A11710.2**
	10.50	0.4133	43	89	**A11710.5**
	11.00	0.4330	47	95	**A11711.0**
	11.50	0.4527	47	95	**A11711.5**
	12.00	0.4724	51	102	**A11712.0**
1/2	12.70	0.5000	51	102	**A1171/2**
	13.00	0.5118	51	102	**A11713.0**

A927

- PFX vrták krátký
- Burghiu scurt PFX
- PFX Rövid Csigafúró
- Спиральное сверло PFX, укороченное исполнение
- Wiertłotypu PFX,krótkie
- PFX sveder

PFX

A927

■ 1.3 1.4 1.5 1.6 2.2 4.1 4.2 4.3 5.1 5.2 5.3 7.2

● 1.1 1.2 2.1 2.3 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.1 7.3 7.4 8.1 8.2

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	6	26	**A9271.0**
	1.10	0.0433	7	28	**A9271.1**
	1.20	0.0472	8	30	**A9271.2**
	1.30	0.0511	8	30	**A9271.3**
	1.40	0.0551	9	32	**A9271.4**
	1.50	0.0590	9	32	**A9271.5**
1/16	1.59	0.0625	10	34	**A9271/16**
	1.60	0.0629	10	34	**A9271.6**
	1.70	0.0669	10	34	**A9271.7**
	1.80	0.0708	11	36	**A9271.8**
	1.90	0.0748	11	36	**A9271.9**
5/64	1.98	0.0779	12	38	**A9275/64**
	2.00	0.0787	12	38	**A9272.0**
	2.10	0.0826	12	38	**A9272.1**
	2.20	0.0866	13	40	**A9272.2**
	2.30	0.0905	13	40	**A9272.3**
3/32	2.38	0.0937	14	43	**A9273/32**
	2.40	0.0944	14	43	**A9272.4**
	2.50	0.0984	14	43	**A9272.5**
	2.60	0.1023	14	43	**A9272.6**
	2.70	0.1062	16	46	**A9272.7**
7/64	2.78	0.1094	16	46	**A9277/64**
	2.80	0.1102	16	46	**A9272.8**
	2.90	0.1141	16	46	**A9272.9**
	3.00	0.1181	16	46	**A9273.0**
	3.10	0.1220	18	49	**A9273.1**
1/8	3.18	0.1251	18	49	**A9271/8**
	3.20	0.1259	18	49	**A9273.2**
	3.30	0.1299	18	49	**A9273.3**
	3.40	0.1338	20	52	**A9273.4**
	3.50	0.1377	20	52	**A9273.5**
9/64	3.57	0.1405	20	52	**A9279/64**
	3.60	0.1417	20	52	**A9273.6**
	3.70	0.1456	20	52	**A9273.7**
	3.80	0.1496	22	55	**A9273.8**
	3.90	0.1535	22	55	**A9273.9**
5/32	3.97	0.1562	22	55	**A9275/32**
	4.00	0.1574	22	55	**A9274.0**
	4.10	0.1614	22	55	**A9274.1**
	4.20	0.1653	22	55	**A9274.2**
	4.30	0.1692	24	58	**A9274.3**
11/64	4.37	0.1720	24	58	**A92711/64**
	4.40	0.1732	24	58	**A9274.4**
	4.50	0.1771	24	58	**A9274.5**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.60	0.1811	24	58	**A9274.6**
	4.70	0.1850	24	58	**A9274.7**
3/16	4.76	0.1874	26	62	**A9273/16**
	4.80	0.1889	26	62	**A9274.8**
	4.90	0.1929	26	62	**A9274.9**
	5.00	0.1968	26	62	**A9275.0**
	5.10	0.2007	26	62	**A9275.1**
13/64	5.16	0.2031	26	62	**A92713/64**
	5.20	0.2047	26	62	**A9275.2**
	5.30	0.2086	26	62	**A9275.3**
	5.40	0.2125	28	66	**A9275.4**
	5.50	0.2165	28	66	**A9275.5**
7/32	5.56	0.2188	28	66	**A9277/32**
	5.60	0.2204	28	66	**A9275.6**
	5.70	0.2244	28	66	**A9275.7**
	5.80	0.2283	28	66	**A9275.8**
	5.90	0.2322	28	66	**A9275.9**
15/64	5.95	0.2342	28	66	**A92715/64**
	6.00	0.2362	28	66	**A9276.0**
	6.10	0.2401	31	70	**A9276.1**
	6.20	0.2440	31	70	**A9276.2**
	6.30	0.2480	31	70	**A9276.3**
1/4	6.35	0.2500	31	70	**A9271/4**
	6.40	0.2519	31	70	**A9276.4**
	6.50	0.2559	31	70	**A9276.5**
	6.60	0.2598	31	70	**A9276.6**
	6.70	0.2637	31	70	**A9276.7**
17/64	6.75	0.2657	34	74	**A92717/64**
	6.80	0.2677	34	74	**A9276.8**
	6.90	0.2716	34	74	**A9276.9**
	7.00	0.2755	34	74	**A9277.0**
	7.10	0.2795	34	74	**A9277.1**
9/32	7.14	0.2811	34	74	**A9279/32**
	7.20	0.2834	34	74	**A9277.2**
	7.30	0.2874	34	74	**A9277.3**
	7.40	0.2913	34	74	**A9277.4**
	7.50	0.2952	34	74	**A9277.5**
19/64	7.54	0.2968	37	79	**A92719/64**
	7.60	0.2992	37	79	**A9277.6**
	7.70	0.3031	37	79	**A9277.7**
	7.80	0.3070	37	79	**A9277.8**
	7.90	0.3110	37	79	**A9277.9**
5/16	7.94	0.3125	37	79	**A9275/16**
	8.00	0.3149	37	79	**A9278.0**

A927

DORMER

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	8.10	0.3188	37	79	**A9278.1**
	8.20	0.3228	37	79	**A9278.2**
	8.30	0.3267	37	79	**A9278.3**
21/64	8.33	0.3279	37	79	**A92721/64**
	8.40	0.3307	37	79	**A9278.4**
	8.50	0.3346	37	79	**A9278.5**
	8.60	0.3385	40	84	**A9278.6**
	8.70	0.3425	40	84	**A9278.7**
11/32	8.73	0.3437	40	84	**A92711/32**
	8.80	0.3464	40	84	**A9278.8**
	8.90	0.3503	40	84	**A9278.9**
	9.00	0.3543	40	84	**A9279.0**
	9.10	0.3582	40	84	**A9279.1**
23/64	9.13	0.3594	40	84	**A92723/64**
	9.20	0.3622	40	84	**A9279.2**
	9.30	0.3661	40	84	**A9279.3**
	9.40	0.3700	40	84	**A9279.4**
	9.50	0.3740	40	84	**A9279.5**
3/8	9.53	0.3751	43	89	**A9273/8**
	9.60	0.3779	43	89	**A9279.6**
	9.70	0.3818	43	89	**A9279.7**
	9.80	0.3858	43	89	**A9279.8**
	9.90	0.3897	43	89	**A9279.9**
25/64	9.92	0.3905	43	89	**A92725/64**
	10.00	0.3937	43	89	**A92710.0**
	10.20	0.4015	43	89	**A92710.2**
	10.30	0.4055	43	89	**A92710.3**
13/32	10.32	0.4062	43	89	**A92713/32**
	10.40	0.4094	43	89	**A92710.4**
	10.50	0.4133	43	89	**A92710.5**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
27/64	10.72	0.4220	50	95	**A92727/64** [1)]
	10.80	0.4251	50	95	**A92710.8** [1)]
	11.00	0.4330	50	95	**A92711.0** [1)]
7/16	11.11	0.4374	50	95	**A9277/16** [1)]
	11.20	0.4409	50	95	**A92711.2** [1)]
	11.50	0.4527	50	95	**A92711.5** [1)]
29/64	11.51	0.4531	50	95	**A92729/64** [1)]
	11.80	0.4645	50	95	**A92711.8** [1)]
15/32	11.91	0.4688	57	102	**A92715/32** [1)]
	12.00	0.4724	57	102	**A92712.0** [1)]
	12.20	0.4803	57	102	**A92712.2** [1)]
31/64	12.30	0.4842	57	102	**A92731/64** [1)]
	12.50	0.4921	57	102	**A92712.5** [1)]
1/2	12.70	0.5000	57	102	**A9271/2** [1)]
	12.80	0.5039	57	102	**A92712.8** [1)]
	13.00	0.5118	57	102	**A92713.0** [1)]
	13.50	0.5314	62	107	**A92713.5** [1)]
	14.00	0.5511	62	107	**A92714.0** [1)]
	14.50	0.5708	62	107	**A92714.5** [1)]
	15.00	0.5905	63	111	**A92715.0** [1)]
	15.50	0.6102	63	111	**A92715.5** [1)]
	16.00	0.6299	67	115	**A92716.0** [1)]
	17.00	0.6692	71	119	**A92717.0** [1)]
	17.50	0.6889	75	123	**A92717.5** [1)]
	18.00	0.7086	75	123	**A92718.0** [1)]
	19.00	0.7480	79	127	**A92719.0** [1)]
	20.00	0.7874	81	131	**A92720.0** [1)]

[1)] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A597

- PFX vrták krátký
- Burghiu scurt PFX
- PFX Rövid Csigafúró
- Спиральное сверло PFX, укороченное исполнение
- Wiertłotypu PFX,krótkie
- PFX sveder

PFX

A597

■ 1.3 1.4 1.5 1.6 2.2 3.1 3.2 3.3 3.4 7.4

● 1.1 1.2 2.1 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.3 6.4

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
2.50	0.0984	14	43	A5972.5
2.60	0.1023	14	43	A5972.6
3.00	0.1181	16	46	A5973.0
3.10	0.1220	18	49	A5973.1
3.20	0.1259	18	49	A5973.2
3.30	0.1299	18	49	A5973.3
3.40	0.1338	20	52	A5973.4
3.50	0.1377	20	52	A5973.5
3.60	0.1417	20	52	A5973.6
3.70	0.1456	20	52	A5973.7
3.80	0.1496	22	55	A5973.8
3.90	0.1535	22	55	A5973.9
4.00	0.1574	22	55	A5974.0
4.10	0.1614	22	55	A5974.1
4.20	0.1653	22	55	A5974.2
4.30	0.1692	24	58	A5974.3
4.40	0.1732	24	58	A5974.4
4.50	0.1771	24	58	A5974.5
4.60	0.1811	24	58	A5974.6
4.70	0.1850	24	58	A5974.7
4.80	0.1889	26	62	A5974.8
4.90	0.1929	26	62	A5974.9
5.00	0.1968	26	62	A5975.0
5.10	0.2007	26	62	A5975.1
5.20	0.2047	26	62	A5975.2
5.30	0.2086	26	62	A5975.3
5.40	0.2125	28	66	A5975.4
5.50	0.2165	28	66	A5975.5
5.60	0.2204	28	66	A5975.6
5.70	0.2244	28	66	A5975.7
5.80	0.2283	28	66	A5975.8
5.90	0.2322	28	66	A5975.9
6.00	0.2362	28	66	A5976.0
6.10	0.2401	31	70	A5976.1
6.20	0.2440	31	70	A5976.2
6.30	0.2480	31	70	A5976.3
6.40	0.2519	31	70	A5976.4
6.50	0.2559	31	70	A5976.5
6.60	0.2598	31	70	A5976.6
6.70	0.2637	31	70	A5976.7
6.80	0.2677	34	74	A5976.8
6.90	0.2716	34	74	A5976.9

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
7.00	0.2755	34	74	A5977.0
7.10	0.2795	34	74	A5977.1
7.20	0.2834	34	74	A5977.2
7.30	0.2874	34	74	A5977.3
7.40	0.2913	34	74	A5977.4
7.50	0.2952	34	74	A5977.5
7.60	0.2992	37	79	A5977.6
7.70	0.3031	37	79	A5977.7
7.80	0.3070	37	79	A5977.8
7.90	0.3110	37	79	A5977.9
8.00	0.3149	37	79	A5978.0
8.10	0.3188	37	79	A5978.1
8.20	0.3228	37	79	A5978.2
8.30	0.3267	37	79	A5978.3
8.40	0.3307	37	79	A5978.4
8.50	0.3346	37	79	A5978.5
8.60	0.3385	40	84	A5978.6
8.70	0.3425	40	84	A5978.7
8.80	0.3464	40	84	A5978.8
8.90	0.3503	40	84	A5978.9
9.00	0.3543	40	84	A5979.0
9.10	0.3582	40	84	A5979.1
9.20	0.3622	40	84	A5979.2
9.30	0.3661	40	84	A5979.3
9.40	0.3700	40	84	A5979.4
9.50	0.3740	40	84	A5979.5
9.60	0.3779	43	89	A5979.6
9.70	0.3818	43	89	A5979.7
9.80	0.3858	43	89	A5979.8
9.90	0.3897	43	89	A5979.9
10.00	0.3937	43	89	A59710.0
10.20	0.4015	43	89	A59710.2
10.30	0.4055	43	89	A59710.3
10.40	0.4094	43	89	A59710.4
10.50	0.4133	43	89	A59710.5
10.80	0.4251	47	95	A59710.8
11.00	0.4330	50	95	A59711.0 [1)]
11.20	0.4409	50	95	A59711.2 [1)]
11.50	0.4527	50	95	A59711.5 [1)]
11.80	0.4645	50	95	A59711.8 [1)]
12.00	0.4724	57	102	A59712.0 [1)]
12.20	0.4803	57	102	A59712.2 [1)]

[1)] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
12.20	0.4803	57	102	**A59712.2** [1]
12.50	0.4921	57	102	**A59712.5** [1]
12.80	0.5039	57	102	**A59712.8** [1]
13.00	0.5118	57	102	**A59713.0** [1]
13.50	0.5314	62	107	**A59713.5** [1]
14.00	0.5511	62	107	**A59714.0** [1]
14.50	0.5708	62	107	**A59714.5** [1]
15.00	0.5905	63	111	**A59715.0** [1]
15.50	0.6102	63	111	**A59715.5** [1]
16.00	0.6299	67	115	**A59716.0** [1]

[1] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A551

- ADX vrták
- Burghiu ADX
- ADX Csigafúró
- Сверло ADX
- Wiertłotypu ADX
- ADX sveder spiralni

ADX

A551

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.1 6.2 6.3 7.2 7.3 7.4 8.1

● 2.2 2.3 4.2 4.3 5.1 5.2 5.3 6.1 6.4 7.1

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $\emptyset h_6$ mm	e-Code
	5.00	0.1968	33.5	75.5	36	6	**A5515.0**
	5.10	0.2007	33.5	75.5	36	6	**A5515.1**
	5.20	0.2047	33.5	75.5	36	6	**A5515.2**
	5.30	0.2086	33.5	75.5	36	6	**A5515.3**
	5.50	0.2165	33.5	75.5	36	6	**A5515.5**
	5.60	0.2204	33.5	75.5	36	6	**A5515.6**
	5.80	0.2283	33.5	75.5	36	6	**A5515.8**
	5.90	0.2322	33.5	75.5	36	6	**A5515.9**
	6.00	0.2362	33.5	75.5	36	6	**A5516.0**
	6.30	0.2480	38.5	85.5	36	8	**A5516.3**
	6.50	0.2559	38.5	85.5	36	8	**A5516.5**
	6.60	0.2598	38.5	85.5	36	8	**A5516.6**
	6.80	0.2677	38.5	85.5	36	8	**A5516.8**
	6.90	0.2716	38.5	85.5	36	8	**A5516.9**
	7.00	0.2755	38.5	85.5	36	8	**A5517.0**
	7.30	0.2874	43.5	85.5	36	8	**A5517.3**
	7.40	0.2913	43.5	85.5	36	8	**A5517.4**
	7.50	0.2952	43.5	85.5	36	8	**A5517.5**
	7.80	0.3070	43.5	85.5	36	8	**A5517.8**
	7.90	0.3110	43.5	85.5	36	8	**A5517.9**
	8.00	0.3149	43.5	85.5	36	8	**A5518.0**
	8.10	0.3188	49.0	100.5	40	10	**A5518.1**
	8.20	0.3228	49.0	100.5	40	10	**A5518.2**
	8.30	0.3267	49.0	100.5	40	10	**A5518.3**
	8.40	0.3307	49.0	100.5	40	10	**A5518.4**
	8.50	0.3346	49.0	100.5	40	10	**A5518.5**
	8.60	0.3385	49.0	100.5	40	10	**A5518.6**
	8.70	0.3425	49.0	100.5	40	10	**A5518.7**
	8.80	0.3464	49.0	100.5	40	10	**A5518.8**
	8.90	0.3503	49.0	100.5	40	10	**A5518.9**
	9.00	0.3543	49.0	100.5	40	10	**A5519.0**
	9.10	0.3582	54.5	100.5	40	10	**A5519.1**
	9.20	0.3622	54.5	100.5	40	10	**A5519.2**
	9.30	0.3661	54.5	100.5	40	10	**A5519.3**
	9.40	0.3700	54.5	100.5	40	10	**A5519.4**
	9.50	0.3740	54.5	100.5	40	10	**A5519.5**
	9.60	0.3779	54.5	100.5	40	10	**A5519.6**
	9.70	0.3818	54.5	100.5	40	10	**A5519.7**
	9.80	0.3858	54.5	100.5	40	10	**A5519.8**
	9.90	0.3897	54.5	100.5	40	10	**A5519.9**
	10.00	0.3937	54.5	100.5	40	10	**A55110.0**
	10.10	0.3976	59.5	115.5	45	12	**A55110.1**
	10.20	0.4015	59.5	115.5	45	12	**A55110.2**
	10.30	0.4055	59.5	115.5	45	12	**A55110.3**
	10.40	0.4094	59.5	115.5	45	12	**A55110.4**
	10.50	0.4133	59.5	115.5	45	12	**A55110.5**
	10.60	0.4173	59.5	115.5	45	12	**A55110.6**
	10.70	0.4212	59.5	115.5	45	12	**A55110.7**
	10.80	0.4251	59.5	115.5	45	12	**A55110.8**
	10.90	0.4291	59.5	115.5	45	12	**A55110.9**
	11.00	0.4330	59.5	115.5	45	12	**A55111.0**
	11.10	0.4370	64.5	115.5	45	12	**A55111.1**
	11.20	0.4409	64.5	115.5	45	12	**A55111.2**
	11.30	0.4448	64.5	115.5	45	12	**A55111.3**
	11.40	0.4488	64.5	115.5	45	12	**A55111.4**
	11.50	0.4527	64.5	115.5	45	12	**A55111.5**
	11.60	0.4566	64.5	115.5	45	12	**A55111.6**
	11.70	0.4606	64.5	115.5	45	12	**A55111.7**
	11.80	0.4645	64.5	115.5	45	12	**A55111.8**
	11.90	0.4685	64.5	115.5	45	12	**A55111.9**
	12.00	0.4724	64.5	115.5	45	12	**A55112.0**
	12.50	0.4921	70.0	127	45	14	**A55112.5**
	13.00	0.5118	70.0	127	45	14	**A55113.0**
33/64	13.10	0.5156	75.5	127	45	14	**A55133/64**
	13.10	0.5157	75.5	127	45	14	**A55113.1**
	13.25	0.5216	75.5	127	45	14	**A55113.25**
17/32	13.49	0.2500	75.5	127	45	14	**A55117/32**
	13.50	0.5314	75.5	127	45	14	**A55113.5**
	13.75	0.5413	75.5	127	45	14	**A55113.75**
35/64	13.90	0.5469	75.5	127	45	14	**A55135/64**
	14.00	0.5511	75.5	127	45	14	**A55114.0**
	14.25	0.5610	80.0	140	48	16	**A55114.25**
9/16	14.29	0.1000	80	140	48	16	**A5519/16**
	14.50	0.5708	80.0	140	48	16	**A55114.5**
37/64	14.68	0.5469	80	140	48	16	**A55137/64**
	14.75	0.5807	80.0	140	48	16	**A55114.75**
	15.00	0.5905	80.0	140	48	16	**A55115.0**
19/32	15.08	0.2656	85.5	140	48	16	**A55119/32**
	15.10	0.5944	85.5	140	48	16	**A55115.1**
	15.25	0.6003	85.5	140	48	16	**A55115.25**
	15.50	0.6102	85.5	140	48	16	**A55115.5**
	15.75	0.6200	85.5	140	48	16	**A55115.75**
5/8	15.88	0.9688	85.5	140	48	16	**A5515/8**
	16.00	0.6299	85.5	140	48	16	**A55116.0**
	16.25	0.6397	90.5	151	48	18	**A55116.25**
	16.50	0.6496	90.5	151	48	18	**A55116.5**
21/32	16.67	0.2968	90.5	151	48	18	**A55121/32**
	16.75	0.6594	90.5	151	48	18	**A55116.75**

A551

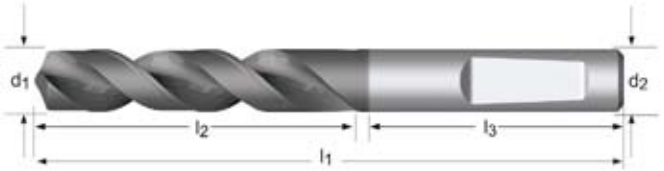
DORMER

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh$_6$ mm	e-Code
	17.00	0.6692	90.5	151	48	18	**A55117.0**
	17.25	0.6791	96.5	151	48	18	**A55117.25**
11/16	17.46	0.2500	96.5	151	48	18	**A55111/16**
	17.50	0.6889	96.5	151	48	18	**A55117.5**
	17.75	0.6988	96.5	151	48	18	**A55117.75**
	18.00	0.7086	96.5	151	48	18	**A55118.0**
	18.25	0.7185	101.0	163	50	20	**A55118.25**
	18.50	0.7283	101.0	163	50	20	**A55118.5**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh$_6$ mm	e-Code
	18.75	0.7381	101.0	163	50	20	**A55118.75**
	19.00	0.7480	101.0	163	50	20	**A55119.0**
3/4	19.05	0.7500	106.5	163	50	20	**A5513/4**
	19.25	0.7578	106.5	163	50	20	**A55119.25**
	19.50	0.7677	106.5	163	50	20	**A55119.5**
	19.75	0.7775	106.5	163	50	20	**A55119.75**
	20.00	0.7874	106.5	163	50	20	**A55120.0**

A552

- ADX vrták
- Burghiu ADX
- ADX Csigafúró
- Сверло ADX
- Wiertłotypu ADX
- ADX sveder spiralni



ADX

A552

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.1 6.2 6.3 7.2 7.3 7.4 8.1

● 2.2 2.3 4.2 4.3 5.1 5.2 5.3 6.1 6.4 7.1

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $Øh_6$ mm	e-Code
5.00	0.1968	33.5	75.5	36	6	**A5525.0**
5.10	0.2007	33.5	75.5	36	6	**A5525.1**
5.20	0.2047	33.5	75.5	36	6	**A5525.2**
5.30	0.2086	33.5	75.5	36	6	**A5525.3**
5.50	0.2165	33.5	75.5	36	6	**A5525.5**
5.60	0.2204	33.5	75.5	36	6	**A5525.6**
5.80	0.2283	33.5	75.5	36	6	**A5525.8**
5.90	0.2322	33.5	75.5	36	6	**A5525.9**
6.00	0.2362	33.5	75.5	36	6	**A5526.0**
6.30	0.2480	38.5	85.5	36	8	**A5526.3**
6.50	0.2559	38.5	85.5	36	8	**A5526.5**
6.60	0.2598	38.5	85.5	36	8	**A5526.6**
6.80	0.2677	38.5	85.5	36	8	**A5526.8**
6.90	0.2716	38.5	85.5	36	8	**A5526.9**
7.00	0.2755	38.5	85.5	36	8	**A5527.0**
7.30	0.2874	43.5	85.5	36	8	**A5527.3**
7.40	0.2913	43.5	85.5	36	8	**A5527.4**
7.50	0.2952	43.5	85.5	36	8	**A5527.5**
7.80	0.3070	43.5	85.5	36	8	**A5527.8**
7.90	0.3110	43.5	85.5	36	8	**A5527.9**
8.00	0.3149	43.5	85.5	36	8	**A5528.0**
8.10	0.3188	49.0	100.5	40	10	**A5528.1**
8.20	0.3228	49.0	100.5	40	10	**A5528.2**
8.30	0.3267	49.0	100.5	40	10	**A5528.3**
8.40	0.3307	49.0	100.5	40	10	**A5528.4**
8.50	0.3346	49.0	100.5	40	10	**A5528.5**
8.60	0.3385	49.0	100.5	40	10	**A5528.6**
8.70	0.3425	49.0	100.5	40	10	**A5528.7**
8.80	0.3464	49.0	100.5	40	10	**A5528.8**
8.90	0.3503	49.0	100.5	40	10	**A5528.9**
9.00	0.3543	49.0	100.5	40	10	**A5529.0**
9.10	0.3582	54.5	100.5	40	10	**A5529.1**
9.20	0.3622	54.5	100.5	40	10	**A5529.2**
9.30	0.3661	54.5	100.5	40	10	**A5529.3**
9.40	0.3700	54.5	100.5	40	10	**A5529.4**
9.50	0.3740	54.5	100.5	40	10	**A5529.5**
9.60	0.3779	54.5	100.5	40	10	**A5529.6**
9.70	0.3818	54.5	100.5	40	10	**A5529.7**
9.80	0.3858	54.5	100.5	40	10	**A5529.8**
9.90	0.3897	54.5	100.5	40	10	**A5529.9**
10.00	0.3937	54.5	100.5	40	10	**A55210.0**
10.10	0.3976	59.5	115.5	45	12	**A55210.1**
10.20	0.4015	59.5	115.5	45	12	**A55210.2**
10.30	0.4055	59.5	115.5	45	12	**A55210.3**
10.40	0.4094	59.5	115.5	45	12	**A55210.4**
10.50	0.4133	59.5	115.5	45	12	**A55210.5**
10.60	0.4173	59.5	115.5	45	12	**A55210.6**
10.70	0.4212	59.5	115.5	45	12	**A55210.7**

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $Øh_6$ mm	e-Code
10.80	0.4251	59.5	115.5	45	12	**A55210.8**
10.90	0.4291	59.5	115.5	45	12	**A55210.9**
11.00	0.4330	59.5	115.5	45	12	**A55211.0**
11.10	0.4370	64.5	115.5	45	12	**A55211.1**
11.20	0.4409	64.5	115.5	45	12	**A55211.2**
11.30	0.4448	64.5	115.5	45	12	**A55211.3**
11.40	0.4488	64.5	115.5	45	12	**A55211.4**
11.50	0.4527	64.5	115.5	45	12	**A55211.5**
11.60	0.4566	64.5	115.5	45	12	**A55211.6**
11.70	0.4606	64.5	115.5	45	12	**A55211.7**
11.80	0.4645	64.5	115.5	45	12	**A55211.8**
11.90	0.4685	64.5	115.5	45	12	**A55211.9**
12.00	0.4724	64.5	115.5	45	12	**A55212.0**
12.50	0.4921	70.0	127	45	14	**A55212.5**
13.00	0.5118	70.0	127	45	14	**A55213.0**
13.10	0.5157	75.5	127	45	14	**A55213.1**
13.25	0.5216	75.5	127	45	14	**A55213.25**
13.50	0.5314	75.5	127	45	14	**A55213.5**
13.75	0.5413	75.5	127	45	14	**A55213.75**
14.00	0.5511	75.5	127	45	14	**A55214.0**
14.25	0.5610	80.0	140	48	16	**A55214.25**
14.50	0.5708	80.0	140	48	16	**A55214.5**
14.75	0.5807	80.0	140	48	16	**A55214.75**
15.00	0.5905	80.0	140	48	16	**A55215.0**
15.10	0.5944	85.5	140	48	16	**A55215.1**
15.25	0.6003	85.5	140	48	16	**A55215.25**
15.50	0.6102	85.5	140	48	16	**A55215.5**
15.75	0.6200	85.5	140	48	16	**A55215.75**
16.00	0.6299	85.5	140	48	16	**A55216.0**
16.25	0.6397	90.5	151	48	18	**A55216.25**
16.50	0.6496	90.5	151	48	18	**A55216.5**
16.75	0.6594	90.5	151	48	18	**A55216.75**
17.00	0.6692	90.5	151	48	18	**A55217.0**
17.25	0.6791	96.5	151	48	18	**A55217.25**
17.50	0.6889	96.5	151	48	18	**A55217.5**
17.75	0.6988	96.5	151	48	18	**A55217.75**
18.00	0.7086	96.5	151	48	18	**A55218.0**
18.25	0.7185	101.0	163	50	20	**A55218.25**
18.50	0.7283	101.0	163	50	20	**A55218.5**
18.75	0.7381	101.0	163	50	20	**A55218.75**
19.00	0.7480	101.0	163	50	20	**A55219.0**
19.25	0.7578	106.5	163	50	20	**A55219.25**
19.50	0.7677	106.5	163	50	20	**A55219.5**
19.75	0.7775	106.5	163	50	20	**A55219.75**
20.00	0.7874	106.5	163	50	20	**A55220.0**

A160

- Vrták základní délka
- Burghiu lung
- Keményfém betétes fúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A160

■ 3.1 3.2 3.3 3.4

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
4.00	0.1574	43	75	**A1604.0**
4.50	0.1771	47	80	**A1604.5**
5.00	0.1968	52	86	**A1605.0**
5.50	0.2165	57	93	**A1605.5**
6.00	0.2362	57	93	**A1606.0**
6.50	0.2559	63	101	**A1606.5**
6.80	0.2677	69	109	**A1606.8**
7.00	0.2755	69	109	**A1607.0**
7.50	0.2952	69	109	**A1607.5**
8.00	0.3149	75	117	**A1608.0**
8.50	0.3346	75	117	**A1608.5**
9.00	0.3543	81	125	**A1609.0**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9.50	0.3740	81	125	**A1609.5**
10.00	0.3937	87	133	**A16010.0**
10.20	0.4015	87	133	**A16010.2**
10.50	0.4133	87	133	**A16010.5**
11.00	0.4330	94	142	**A16011.0**
11.50	0.4527	94	142	**A16011.5**
12.00	0.4724	101	151	**A16012.0**
13.00	0.5118	101	151	**A16013.0**
14.00	0.5511	108	160	**A16014.0**
15.00	0.5905	114	169	**A16015.0**
16.00	0.6299	120	178	**A16016.0**

A102

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A102

■ 6.1 7.1 7.2 7.3 7.4 8.1

● 1.1 1.2 3.1 3.2 3.3 3.4 4.1 5.1 6.2 8.2 8.3

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.50	0.0196	6	22	**A102.5**
	0.60	0.0236	7	24	**A102.6**
	0.70	0.0275	9	28	**A102.7**
	0.80	0.0314	10	30	**A102.8**
	0.90	0.0354	11	32	**A102.9**
	1.00	0.0393	12	34	**A1021.0**
	1.10	0.0433	14	36	**A1021.1**
	1.20	0.0472	16	38	**A1021.2**
	1.25	0.0492	16	38	**A1021.25**
	1.30	0.0511	16	38	**A1021.3**
	1.40	0.0551	18	40	**A1021.4**
	1.50	0.059	18	40	**A1021.5**
1/16	1.59	0.0625	20	43	**A1021/16**
	1.60	0.0629	20	43	**A1021.6**
	1.70	0.0669	20	43	**A1021.7**
	1.75	0.0688	22	46	**A1021.75**
	1.80	0.0708	22	46	**A1021.8**
	1.90	0.0748	22	46	**A1021.9**
	2.00	0.0787	24	49	**A1022.0**
	2.10	0.0826	24	49	**A1022.1**
	2.20	0.0866	27	53	**A1022.2**
	2.25	0.0885	27	53	**A1022.25**
	2.30	0.0905	27	53	**A1022.3**
3/32	2.38	0.0937	30	57	**A1023/32**
	2.40	0.0944	30	57	**A1022.4**
	2.50	0.0984	30	57	**A1022.5**
	2.60	0.1023	30	57	**A1022.6**
	2.70	0.1062	33	61	**A1022.7**
	2.75	0.1082	33	61	**A1022.75**
	2.80	0.1102	33	61	**A1022.8**
	2.90	0.1141	33	61	**A1022.9**
	3.00	0.1181	33	61	**A1023.0**
	3.10	0.122	36	65	**A1023.1**
1/8	3.17	0.1248	36	65	**A1021/8**
	3.20	0.1259	36	65	**A1023.2**
	3.25	0.1279	36	65	**A1023.25**
	3.30	0.1299	36	65	**A1023.3**
	3.40	0.1338	39	70	**A1023.4**
	3.50	0.1377	39	70	**A1023.5**
	3.60	0.1417	39	70	**A1023.6**
	3.70	0.1456	39	70	**A1023.7**
	3.75	0.1476	39	70	**A1023.75**
	3.80	0.1496	43	75	**A1023.8**
	3.90	0.1535	43	75	**A1023.9**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5/32	3.97	0.1562	43	75	**A1025/32**
	4.00	0.1574	43	75	**A1024.0**
	4.10	0.1614	43	75	**A1024.1**
	4.20	0.1653	43	75	**A1024.2**
	4.25	0.1673	43	75	**A1024.25**
	4.30	0.1692	47	80	**A1024.3**
	4.40	0.1732	47	80	**A1024.4**
	4.50	0.1771	47	80	**A1024.5**
	4.60	0.1811	47	80	**A1024.6**
	4.70	0.185	47	80	**A1024.7**
	4.75	0.187	47	80	**A1024.75**
3/16	4.76	0.1874	52	86	**A1023/16**
	4.80	0.1889	52	86	**A1024.8**
	4.90	0.1929	52	86	**A1024.9**
	5.00	0.1968	52	86	**A1025.0**
	5.10	0.2007	52	86	**A1025.1**
	5.20	0.2047	52	86	**A1025.2**
	5.25	0.2066	52	86	**A1025.25**
	5.30	0.2086	52	86	**A1025.3**
	5.40	0.2125	57	93	**A1025.4**
	5.50	0.2165	57	93	**A1025.5**
7/32	5.56	0.2188	57	93	**A1027/32**
	5.60	0.2204	57	93	**A1025.6**
	5.70	0.2244	57	93	**A1025.7**
	5.75	0.2263	57	93	**A1025.75**
	5.80	0.2283	57	93	**A1025.8**
	5.90	0.2322	57	93	**A1025.9**
	6.00	0.2362	57	93	**A1026.0**
	6.10	0.2401	63	101	**A1026.1**
	6.20	0.244	63	101	**A1026.2**
	6.25	0.246	63	101	**A1026.25**
	6.30	0.248	63	101	**A1026.3**
1/4	6.35	0.25	63	101	**A1021/4**
	6.40	0.2519	63	101	**A1026.4**
	6.50	0.2559	63	101	**A1026.5**
	6.60	0.2598	63	101	**A1026.6**
	6.70	0.2637	63	101	**A1026.7**
	6.75	0.2657	69	109	**A1026.75**
	6.80	0.2677	69	109	**A1026.8**
	6.90	0.2716	69	109	**A1026.9**
	7.00	0.2755	69	109	**A1027.0**
	7.10	0.2795	69	109	**A1027.1**
9/32	7.14	0.2811	69	109	**A1029/32**
	7.20	0.2834	69	109	**A1027.2**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	7.30	0.2874	69	109	**A1027.3**
	7.40	0.2913	69	109	**A1027.4**
	7.50	0.2952	69	109	**A1027.5**
	7.60	0.2992	75	117	**A1027.6**
	7.70	0.3031	75	117	**A1027.7**
	7.80	0.307	75	117	**A1027.8**
	7.90	0.311	75	117	**A1027.9**
5/16	7.94	0.3125	75	117	**A1025/16**
	8.00	0.3149	75	117	**A1028.0**
	8.10	0.3188	75	117	**A1028.1**
	8.20	0.3228	75	117	**A1028.2**
	8.30	0.3267	75	117	**A1028.3**
	8.40	0.3307	75	117	**A1028.4**
	8.50	0.3346	75	117	**A1028.5**
	8.60	0.3385	81	125	**A1028.6**
	8.70	0.3425	81	125	**A1028.7**
11/32	8.73	0.3437	81	125	**A10211/32**
	8.80	0.3464	81	125	**A1028.8**
	8.90	0.3503	81	125	**A1028.9**
	9.00	0.3543	81	125	**A1029.0**
	9.10	0.3582	81	125	**A1029.1**
	9.20	0.3622	81	125	**A1029.2**
	9.30	0.3661	81	125	**A1029.3**
	9.40	0.37	81	125	**A1029.4**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	9.50	0.374	81	125	**A1029.5**
3/8	9.52	0.3748	87	133	**A1023/8**
	9.60	0.3779	87	133	**A1029.6**
	9.70	0.3818	87	133	**A1029.7**
	9.80	0.3858	87	133	**A1029.8**
	9.90	0.3897	87	133	**A1029.9**
	10.00	0.3937	87	133	**A10210.0**
	10.20	0.4015	87	133	**A10210.2**
13/32	10.32	0.4062	87	133	**A10213/32**
	10.50	0.4133	87	133	**A10210.5**
	11.00	0.433	94	142	**A10211.0**
7/16	11.11	0.4374	94	142	**A1027/16**
	11.50	0.4527	94	142	**A10211.5**
	12.00	0.4724	101	151	**A10212.0**
	12.50	0.4921	101	151	**A10212.5**
1/2	12.70	0.5	101	151	**A1021/2**
	13.00	0.5118	101	151	**A10213.0**
	13.50	0.5314	108	160	**A10213.5**
	14.00	0.5511	108	160	**A10214.0**
	14.50	0.5708	114	169	**A10214.5**
	15.00	0.5905	114	169	**A10215.0**
	15.50	0.6102	120	178	**A10215.5**
	16.00	0.6299	120	178	**A10216.0**

A104

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A104

■ 6.2 6.3

● 1.1 1.2 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.2 8.3

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.50	0.0196	6	22	**A104.5**
	0.80	0.0314	10	30	**A104.8**
	1.00	0.0393	12	34	**A1041.0**
	1.10	0.0433	14	36	**A1041.1**
	1.20	0.0472	16	38	**A1041.2**
	1.30	0.0511	16	38	**A1041.3**
	1.40	0.0551	18	40	**A1041.4**
	1.50	0.0590	18	40	**A1041.5**
1/16	1.59	0.0625	20	43	**A1041/16**
	1.60	0.0629	20	43	**A1041.6**
	1.70	0.0669	20	43	**A1041.7**
	1.80	0.0708	22	46	**A1041.8**
	1.90	0.0748	22	46	**A1041.9**
	2.00	0.0787	24	49	**A1042.0**
	2.10	0.0826	24	49	**A1042.1**
	2.20	0.0866	27	53	**A1042.2**
	2.30	0.0905	27	53	**A1042.3**
3/32	2.38	0.0937	30	57	**A1043/32**
	2.40	0.0944	30	57	**A1042.4**
	2.50	0.0984	30	57	**A1042.5**
	2.60	0.1023	30	57	**A1042.6**
	2.70	0.1062	33	61	**A1042.7**
	2.80	0.1102	33	61	**A1042.8**
	2.90	0.1141	33	61	**A1042.9**
	3.00	0.1181	33	61	**A1043.0**
	3.10	0.1220	36	65	**A1043.1**
1/8	3.17	0.1248	36	65	**A1041/8**
	3.20	0.1259	36	65	**A1043.2**
	3.30	0.1299	36	65	**A1043.3**
	3.40	0.1338	39	70	**A1043.4**
	3.50	0.1377	39	70	**A1043.5**
	3.60	0.1417	39	70	**A1043.6**
	3.70	0.1456	39	70	**A1043.7**
	3.80	0.1496	43	75	**A1043.8**
	3.90	0.1535	43	75	**A1043.9**
5/32	3.97	0.1562	43	75	**A1045/32**
	4.00	0.1574	43	75	**A1044.0**
	4.10	0.1614	43	75	**A1044.1**
	4.20	0.1653	43	75	**A1044.2**
	4.30	0.1692	47	80	**A1044.3**
	4.40	0.1732	47	80	**A1044.4**
	4.50	0.1771	47	80	**A1044.5**
	4.60	0.1811	47	80	**A1044.6**
	4.70	0.1850	47	80	**A1044.7**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3/16	4.76	0.1874	52	86	**A1043/16**
	4.80	0.1889	52	86	**A1044.8**
	4.90	0.1929	52	86	**A1044.9**
	5.00	0.1968	52	86	**A1045.0**
	5.10	0.2007	52	86	**A1045.1**
	5.20	0.2047	52	86	**A1045.2**
	5.30	0.2086	52	86	**A1045.3**
	5.40	0.2125	57	93	**A1045.4**
	5.50	0.2165	57	93	**A1045.5**
7/32	5.56	0.2188	57	93	**A1047/32**
	5.60	0.2204	57	93	**A1045.6**
	5.70	0.2244	57	93	**A1045.7**
	5.80	0.2283	57	93	**A1045.8**
	5.90	0.2322	57	93	**A1045.9**
	6.00	0.2362	57	93	**A1046.0**
	6.10	0.2401	63	101	**A1046.1**
	6.20	0.2440	63	101	**A1046.2**
	6.30	0.2480	63	101	**A1046.3**
1/4	6.35	0.2500	63	101	**A1041/4**
	6.40	0.2519	63	101	**A1046.4**
	6.50	0.2559	63	101	**A1046.5**
	6.60	0.2598	63	101	**A1046.6**
	6.70	0.2637	63	101	**A1046.7**
	6.80	0.2677	69	109	**A1046.8**
	6.90	0.2716	69	109	**A1046.9**
	7.00	0.2755	69	109	**A1047.0**
	7.10	0.2795	69	109	**A1047.1**
9/32	7.14	0.2811	69	109	**A1049/32**
	7.20	0.2834	69	109	**A1047.2**
	7.30	0.2874	69	109	**A1047.3**
	7.40	0.2913	69	109	**A1047.4**
	7.50	0.2952	69	109	**A1047.5**
	7.60	0.2992	75	117	**A1047.6**
	7.70	0.3031	75	117	**A1047.7**
	7.80	0.3070	75	117	**A1047.8**
	7.90	0.3110	75	117	**A1047.9**
5/16	7.94	0.3125	75	117	**A1045/16**
	8.00	0.3149	75	117	**A1048.0**
	8.10	0.3188	75	117	**A1048.1**
	8.20	0.3228	75	117	**A1048.2**
	8.30	0.3267	75	117	**A1048.3**
	8.40	0.3307	75	117	**A1048.4**
	8.50	0.3346	75	117	**A1048.5**
11/32	8.73	0.3437	81	125	**A10411/32**

A104

DORMER

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	8.80	0.3464	81	125	**A1048.8**
	9.00	0.3543	81	125	**A1049.0**
	9.50	0.3740	81	125	**A1049.5**
3/8	9.52	0.3748	87	133	**A1043/8**
	10.00	0.3937	87	133	**A10410.0**
13/32	10.32	0.4062	87	133	**A10413/32**
	10.50	0.4133	87	133	**A10410.5**
	11.00	0.4330	94	142	**A10411.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
7/16	11.11	0.4374	94	142	**A1047/16**
	11.50	0.4527	94	142	**A10411.5**
	12.00	0.4724	101	151	**A10412.0**
	12.50	0.4921	101	151	**A10412.5**
1/2	12.70	0.5000	101	151	**A1041/2**
	13.00	0.5118	101	151	**A10413.0**

A105

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A105

■ 8.2 8.3

● 1.1 1.2 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.00	0.0393	12	34	**A1051.0**
1.50	0.0590	18	40	**A1051.5**
2.00	0.0787	24	49	**A1052.0**
2.50	0.0984	30	57	**A1052.5**
3.00	0.1181	33	61	**A1053.0**
3.30	0.1299	36	65	**A1053.3**
3.50	0.1377	39	70	**A1053.5**
4.00	0.1574	43	75	**A1054.0**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
4.20	0.1653	43	75	**A1054.2**
4.50	0.1771	47	80	**A1054.5**
5.00	0.1968	52	86	**A1055.0**
5.50	0.2165	57	93	**A1055.5**
6.00	0.2362	57	93	**A1056.0**
6.50	0.2559	63	101	**A1056.5**

A100

DORMER

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A190 176
A191 177
A199 178

A100

Broušený povrch pod 1,0 mm, 3/64”, N60 / Fényes kivitel 1,0mm alatt, 3/64”,N60 / Jasny ponizej 1,0mm, 3/64,N60 / Lucios sub 1,0 mm, 3/64”, N60 / Менее 1,0 мм, 3/64”, N60 полированные / Svetli pod 1,0mm, 3/64”, N60

HSS | ST | DIN 338 | 4xD | N | 118°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh8 “/Nr./letter	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.20	0.0078	2.5	19	A100.2
	0.25	0.0098	3	19	A100.25
	0.30	0.0118	3	19	A100.3
	0.32	0.0125	4	19	A100.32
80	0.34	0.0133	4	19	A100N80
	0.35	0.0137	4	19	A100.35
79	0.37	0.0145	4	19	A100N79
	0.38	0.0149	4	19	A100.38
1/64	0.40	0.0157	5	20	A1001/64
	0.40	0.0157	5	20	A100.4
78	0.41	0.0161	5	20	A100N78
	0.42	0.0165	5	20	A100.42
	0.45	0.0177	5	20	A100.45
77	0.46	0.0181	5	20	A100N77
	0.48	0.0188	5	20	A100.48
	0.50	0.0196	6	22	A100.5
76	0.51	0.0200	6	22	A100N76
	0.52	0.0204	6	22	A100.52
75	0.53	0.0208	6	22	A100N75
	0.55	0.0216	7	24	A100.55
74	0.57	0.0224	7	24	A100N74
	0.58	0.0228	7	24	A100.58
	0.60	0.0236	7	24	A100.6
73	0.61	0.0240	8	26	A100N73
	0.62	0.0244	8	26	A100.62
72	0.64	0.0251	8	26	A100N72
	0.65	0.0255	8	26	A100.65
71	0.66	0.0259	8	26	A100N71
	0.68	0.0267	9	28	A100.68
	0.70	0.0275	9	28	A100.7
70	0.71	0.0279	9	28	A100N70
	0.72	0.0283	9	28	A100.72
69	0.74	0.0291	9	28	A100N69
	0.75	0.0295	9	28	A100.75
	0.78	0.0307	10	30	A100.78
1/32	0.79	0.0311	10	30	A1001/32
68	0.79	0.0311	10	30	A100N68
	0.80	0.0314	10	30	A100.8
67	0.81	0.0318	10	30	A100N67
	0.82	0.0322	10	30	A100.82
66	0.84	0.0330	10	30	A100N66
	0.85	0.0334	10	30	A100.85

d_1 Øh8 “/Nr./letter	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.88	0.0346	11	32	A100.88
65	0.89	0.0350	11	32	A100N65
	0.90	0.0354	11	32	A100.9
64	0.91	0.0358	11	32	A100N64
	0.92	0.0362	11	32	A100.92
63	0.94	0.0370	11	32	A100N63
	0.95	0.0374	11	32	A100.95
62	0.97	0.0381	12	34	A100N62
	0.98	0.0385	12	34	A100.98
61	0.99	0.0389	12	34	A100N61
	1.00	0.0393	12	34	A1001.0
60	1.02	0.0401	12	34	A100N60
59	1.04	0.0409	12	34	A100N59
	1.05	0.0413	12	34	A1001.05
58	1.07	0.0421	14	36	A100N58
57	1.09	0.0429	14	36	A100N57
	1.10	0.0433	14	36	A1001.1
	1.15	0.0452	14	36	A1001.15
56	1.18	0.0464	14	36	A100N56
3/64	1.19	0.0468	16	38	A1003/64
	1.20	0.0472	16	38	A1001.2
	1.25	0.0492	16	38	A1001.25
	1.30	0.0511	16	38	A1001.3
55	1.32	0.0519	16	38	A100N55
	1.35	0.0531	18	40	A1001.35
	1.40	0.0551	18	40	A1001.4
54	1.40	0.0551	18	40	A100N54
	1.45	0.0570	18	40	A1001.45
	1.50	0.0590	18	40	A1001.5
53	1.51	0.0594	20	43	A100N53
	1.55	0.0610	20	43	A1001.55
1/16	1.59	0.0625	20	43	A1001/16
	1.60	0.0629	20	43	A1001.6
52	1.61	0.0633	20	43	A100N52
	1.65	0.0649	20	43	A1001.65
	1.70	0.0669	20	43	A1001.7
51	1.70	0.0669	22	46	A100N51
	1.75	0.0688	22	46	A1001.75
50	1.78	0.0700	22	46	A100N50
	1.80	0.0708	22	46	A1001.8
	1.85	0.0728	22	46	A1001.85
49	1.85	0.0728	22	46	A100N49

A100

d_1 Øh$_8$ “/Nr./letter	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.90	0.0748	22	46	**A1001.9**
48	1.93	0.0759	24	49	**A100N48**
	1.95	0.0767	24	49	**A1001.95**
5/64	1.98	0.0779	24	49	**A1005/64**
47	1.99	0.0783	24	49	**A100N47**
	2.00	0.0787	24	49	**A1002.0**
	2.05	0.0807	24	49	**A1002.05**
46	2.06	0.0811	24	49	**A100N46**
45	2.08	0.0818	24	49	**A100N45**
	2.10	0.0826	24	49	**A1002.1**
	2.15	0.0846	27	53	**A1002.15**
44	2.18	0.0858	27	53	**A100N44**
	2.20	0.0866	27	53	**A1002.2**
	2.25	0.0885	27	53	**A1002.25**
43	2.26	0.0889	27	53	**A100N43**
	2.30	0.0905	27	53	**A1002.3**
	2.35	0.0925	27	53	**A1002.35**
3/32	2.38	0.0937	30	57	**A1003/32**
42	2.38	0.0937	30	57	**A100N42**
	2.40	0.0944	30	57	**A1002.4**
41	2.44	0.0960	30	57	**A100N41**
	2.45	0.0964	30	57	**A1002.45**
40	2.49	0.0980	30	57	**A100N40**
	2.50	0.0984	30	57	**A1002.5**
39	2.53	0.0996	30	57	**A100N39**
	2.55	0.1003	30	57	**A1002.55**
38	2.58	0.1015	30	57	**A100N38**
	2.60	0.1023	30	57	**A1002.6**
37	2.64	0.1039	30	57	**A100N37**
	2.65	0.1043	30	57	**A1002.65**
	2.70	0.1062	33	61	**A1002.7**
36	2.71	0.1066	33	61	**A100N36**
	2.75	0.1082	33	61	**A1002.75**
7/64	2.78	0.1094	33	61	**A1007/64**
35	2.79	0.1098	33	61	**A100N35**
	2.80	0.1102	33	61	**A1002.8**
34	2.82	0.1110	33	61	**A100N34**
	2.85	0.1122	33	61	**A1002.85**
33	2.87	0.1129	33	61	**A100N33**
	2.90	0.1141	33	61	**A1002.9**
	2.95	0.1161	33	61	**A1002.95**
32	2.95	0.1161	33	61	**A100N32**
	3.00	0.1181	33	61	**A1003.0**
31	3.05	0.1200	36	65	**A100N31**
	3.10	0.1220	36	65	**A1003.1**
	3.15	0.1240	36	65	**A1003.15**
1/8	3.18	0.1251	36	65	**A1001/8**
	3.20	0.1259	36	65	**A1003.2**
	3.25	0.1279	36	65	**A1003.25**
30	3.26	0.1283	36	65	**A100N30**
	3.30	0.1299	36	65	**A1003.3**
	3.40	0.1338	39	70	**A1003.4**
29	3.45	0.1358	39	70	**A100N29**
	3.50	0.1377	39	70	**A1003.5**
9/64	3.57	0.1405	39	70	**A1009/64**
28	3.57	0.1405	39	70	**A100N28**
	3.60	0.1417	39	70	**A1003.6**
27	3.66	0.1440	39	70	**A100N27**
	3.70	0.1456	39	70	**A1003.7**
26	3.73	0.1468	39	70	**A100N26**
	3.75	0.1476	39	70	**A1003.75**
	3.80	0.1496	43	75	**A1003.8**
25	3.80	0.1496	43	75	**A100N25**
24	3.86	0.1519	43	75	**A100N24**
	3.90	0.1535	43	75	**A1003.9**
23	3.91	0.1539	43	75	**A100N23**
5/32	3.97	0.1562	43	75	**A1005/32**
22	3.99	0.1570	43	75	**A100N22**
	4.00	0.1574	43	75	**A1004.0**
21	4.04	0.1590	43	75	**A100N21**

d_1 Øh$_8$ “/Nr./letter	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
20	4.09	0.1610	43	75	**A100N20**
	4.10	0.1614	43	75	**A1004.1**
	4.20	0.1653	43	75	**A1004.2**
19	4.22	0.1661	43	75	**A100N19**
	4.25	0.1673	43	75	**A1004.25**
	4.30	0.1692	47	80	**A1004.3**
18	4.31	0.1696	47	80	**A100N18**
11/64	4.37	0.1720	47	80	**A10011/64**
17	4.39	0.1728	47	80	**A100N17**
	4.40	0.1732	47	80	**A1004.4**
	4.50	0.1771	47	80	**A1004.5**
16	4.50	0.1771	47	80	**A100N16**
15	4.57	0.1799	47	80	**A100N15**
	4.60	0.1811	47	80	**A1004.6**
14	4.62	0.1818	47	80	**A100N14**
	4.70	0.1850	47	80	**A1004.7**
13	4.70	0.1850	47	80	**A100N13**
	4.75	0.1870	47	80	**A1004.75**
3/16	4.76	0.1874	52	86	**A1003/16**
	4.80	0.1889	52	86	**A1004.8**
12	4.80	0.1889	52	86	**A100N12**
11	4.85	0.1909	52	86	**A100N11**
	4.90	0.1929	52	86	**A1004.9**
10	4.92	0.1937	52	86	**A100N10**
9	4.98	0.1960	52	86	**A100N9**
	5.00	0.1968	52	86	**A1005.0**
8	5.06	0.1992	52	86	**A100N8**
	5.10	0.2007	52	86	**A1005.1**
7	5.11	0.2011	52	86	**A100N7**
13/64	5.16	0.2031	52	86	**A10013/64**
6	5.18	0.2039	52	86	**A100N6**
	5.20	0.2047	52	86	**A1005.2**
5	5.22	0.2055	52	86	**A100N5**
	5.25	0.2066	52	86	**A1005.25**
	5.30	0.2086	52	86	**A1005.3**
4	5.31	0.2090	57	93	**A100N4**
	5.40	0.2125	57	93	**A1005.4**
3	5.41	0.2129	57	93	**A100N3**
	5.50	0.2165	57	93	**A1005.5**
7/32	5.56	0.2188	57	93	**A1007/32**
	5.60	0.2204	57	93	**A1005.6**
2	5.61	0.2208	57	93	**A100N2**
	5.70	0.2244	57	93	**A1005.7**
	5.75	0.2263	57	93	**A1005.75**
1	5.79	0.2279	57	93	**A100N1**
	5.80	0.2283	57	93	**A1005.8**
	5.90	0.2322	57	93	**A1005.9**
A	5.94	0.2338	57	93	**A100A**
15/64	5.95	0.2342	57	93	**A10015/64**
	6.00	0.2362	57	93	**A1006.0**
B	6.03	0.2374	63	101	**A100B**
	6.10	0.2401	63	101	**A1006.1**
C	6.15	0.2421	63	101	**A100C**
	6.20	0.2440	63	101	**A1006.2**
	6.25	0.2460	63	101	**A1006.25**
D	6.25	0.2460	63	101	**A100D**
	6.30	0.2480	63	101	**A1006.3**
1/4	6.35	0.2500	63	101	**A1001/4**
E	6.35	0.2500	63	101	**A100E**
	6.40	0.2519	63	101	**A1006.4**
	6.50	0.2559	63	101	**A1006.5**
F	6.53	0.2570	63	101	**A100F**
	6.60	0.2598	63	101	**A1006.6**
G	6.63	0.2610	63	101	**A100G**
	6.70	0.2637	63	101	**A1006.7**
17/64	6.75	0.2657	69	109	**A10017/64**
	6.75	0.2657	69	109	**A1006.75**
H	6.76	0.2661	69	109	**A100H**
	6.80	0.2677	69	109	**A1006.8**
	6.90	0.2716	69	109	**A1006.9**

A100

DORMER

d_1 Øh$_8$ "/Nr./letter	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
I	6.91	0.2720	69	109	A100I
	7.00	0.2755	69	109	A1007.0
J	7.04	0.2771	69	109	A100J
	7.10	0.2795	69	109	A1007.1
9/32	7.14	0.2811	69	109	A1009/32
K	7.14	0.2811	69	109	A100K
	7.20	0.2834	69	109	A1007.2
	7.25	0.2854	69	109	A1007.25
	7.30	0.2874	69	109	A1007.3
L	7.37	0.2901	69	109	A100L
	7.40	0.2913	69	109	A1007.4
M	7.49	0.2948	69	109	A100M
	7.50	0.2952	69	109	A1007.5
19/64	7.54	0.2968	75	117	A10019/64
	7.60	0.2992	75	117	A1007.6
N	7.67	0.3019	75	117	A100N
	7.70	0.3031	75	117	A1007.7
	7.75	0.3051	75	117	A1007.75
	7.80	0.3070	75	117	A1007.8
	7.90	0.3110	75	117	A1007.9
5/16	7.94	0.3125	75	117	A1005/16
	8.00	0.3149	75	117	A1008.0
O	8.03	0.3161	75	117	A100O
	8.10	0.3188	75	117	A1008.1
	8.20	0.3228	75	117	A1008.2
P	8.20	0.3228	75	117	A100P
	8.25	0.3248	75	117	A1008.25
	8.30	0.3267	75	117	A1008.3
21/64	8.33	0.3279	75	117	A10021/64
	8.40	0.3307	75	117	A1008.4
Q	8.43	0.3318	75	117	A100Q
	8.50	0.3346	75	117	A1008.5
	8.60	0.3385	81	125	A1008.6
R	8.61	0.3389	81	125	A100R
	8.70	0.3425	81	125	A1008.7
11/32	8.73	0.3437	81	125	A10011/32
	8.75	0.3444	81	125	A1008.75
	8.80	0.3464	81	125	A1008.8
S	8.84	0.3480	81	125	A100S
	8.90	0.3503	81	125	A1008.9
	9.00	0.3543	81	125	A1009.0
T	9.09	0.3578	81	125	A100T
	9.10	0.3582	81	125	A1009.1
23/64	9.13	0.3594	81	125	A10023/64
	9.20	0.3622	81	125	A1009.2
	9.25	0.3641	81	125	A1009.25
	9.30	0.3661	81	125	A1009.3
U	9.35	0.3681	81	125	A100U
	9.40	0.3700	81	125	A1009.4
	9.50	0.3740	81	125	A1009.5
3/8	9.53	0.3751	87	133	A1003/8
V	9.58	0.3771	87	133	A100V
	9.60	0.3779	87	133	A1009.6
	9.70	0.3818	87	133	A1009.7
	9.75	0.3838	87	133	A1009.75
	9.80	0.3858	87	133	A1009.8
W	9.80	0.3858	87	133	A100W
	9.90	0.3897	87	133	A1009.9
25/64	9.92	0.3905	87	133	A10025/64
	10.00	0.3937	87	133	A10010.0
X	10.08	0.3968	87	133	A100X
	10.10	0.3976	87	133	A10010.1
	10.20	0.4015	87	133	A10010.2
	10.25	0.4035	87	133	A10010.25
Y	10.26	0.4039	87	133	A100Y
	10.30	0.4055	87	133	A10010.3
13/32	10.32	0.4062	87	133	A10013/32
	10.40	0.4094	87	133	A10010.4
Z	10.49	0.4129	87	133	A100Z
	10.50	0.4133	87	133	A10010.5
	10.60	0.4173	87	133	A10010.6
	10.70	0.4212	94	142	A10010.7
27/64	10.72	0.4220	94	142	A10027/64
	10.75	0.4232	94	142	A10010.75
	10.80	0.4251	94	142	A10010.8
	10.90	0.4291	94	142	A10010.9
	11.00	0.4330	94	142	A10011.0
	11.10	0.4370	94	142	A10011.1
7/16	11.11	0.4374	94	142	A1007/16
	11.20	0.4409	94	142	A10011.2
	11.25	0.4429	94	142	A10011.25
	11.30	0.4448	94	142	A10011.3
	11.40	0.4488	94	142	A10011.4
	11.50	0.4527	94	142	A10011.5
29/64	11.51	0.4531	94	142	A10029/64
	11.60	0.4566	94	142	A10011.6
	11.70	0.4606	94	142	A10011.7
	11.75	0.4625	94	142	A10011.75
	11.80	0.4645	94	142	A10011.8
	11.90	0.4685	101	151	A10011.9
15/32	11.91	0.4688	101	151	A10015/32
	12.00	0.4724	101	151	A10012.0
	12.10	0.4763	101	151	A10012.1
	12.20	0.4803	101	151	A10012.2
	12.25	0.4822	101	151	A10012.25
	12.30	0.4842	101	151	A10012.3
31/64	12.30	0.4842	101	151	A10031/64
	12.40	0.4881	101	151	A10012.4
	12.50	0.4921	101	151	A10012.5
	12.60	0.4960	101	151	A10012.6
	12.70	0.5000	101	151	A10012.7
1/2	12.70	0.5000	101	151	A1001/2
	12.75	0.5019	101	151	A10012.75
	12.80	0.5039	101	151	A10012.8
	12.90	0.5078	101	151	A10012.9
	13.00	0.5118	101	151	A10013.0
33/64	13.10	0.5157	101	151	A10033/64
	13.10	0.5157	101	151	A10013.1
	13.20	0.5196	101	151	A10013.2
	13.25	0.5216	108	160	A10013.25
	13.30	0.5236	108	160	A10013.3
	13.40	0.5275	108	160	A10013.4
17/32	13.49	0.5311	108	160	A10017/32
	13.50	0.5314	108	160	A10013.5
	13.60	0.5354	108	160	A10013.6
	13.70	0.5393	108	160	A10013.7
	13.75	0.5413	108	160	A10013.75
	13.80	0.5433	108	160	A10013.8
35/64	13.89	0.5468	108	160	A10035/64
	13.90	0.5472	108	160	A10013.9
	14.00	0.5511	108	160	A10014.0
	14.25	0.5610	114	169	A10014.25
9/16	14.29	0.5625	114	169	A1009/16
	14.50	0.5708	114	169	A10014.5
37/64	14.68	0.5779	114	169	A10037/64
	14.75	0.5807	114	169	A10014.75
	15.00	0.5905	114	169	A10015.0
19/32	15.08	0.5937	120	178	A10019/32
	15.25	0.6003	120	178	A10015.25
39/64	15.48	0.6094	120	178	A10039/64
	15.50	0.6102	120	178	A10015.5
	15.75	0.6200	120	178	A10015.75
5/8	15.88	0.6251	120	178	A1005/8
	16.00	0.6299	120	178	A10016.0
41/64	16.27	0.6405	125	184	A10041/64
	16.50	0.6496	125	184	A10016.5
21/32	16.67	0.6562	125	184	A10021/32
	17.00	0.6692	125	184	A10017.0
43/64	17.07	0.6720	130	191	A10043/64
11/16	17.46	0.6874	130	191	A10011/16
	17.50	0.6889	130	191	A10017.5
	18.00	0.7086	130	191	A10018.0
	18.50	0.7283	135	198	A10018.5
	19.00	0.7480	135	198	A10019.0
	19.50	0.7677	140	205	A10019.5
	20.00	0.7874	140	205	A10020.0

A101

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A101

Broušený povrch pod 3,0 mm / Fényes kivitel 3,0mm alatt / Jasny ponizej 3,0mm / Lucios sub 3,0 mm / Менее 3,0 мм полированные / Svetli pod 3,0mm

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.00	0.0393	12	34	**A1011.0**
1.10	0.0433	14	36	**A1011.1**
1.20	0.0472	16	38	**A1011.2**
1.25	0.0492	16	38	**A1011.25**
1.30	0.0511	16	38	**A1011.3**
1.40	0.0551	18	40	**A1011.4**
1.50	0.0590	18	40	**A1011.5**
1.60	0.0629	20	43	**A1011.6**
1.70	0.0669	20	43	**A1011.7**
1.75	0.0688	22	46	**A1011.75**
1.80	0.0708	22	46	**A1011.8**
1.90	0.0748	22	46	**A1011.9**
2.00	0.0787	24	49	**A1012.0**
2.10	0.0826	24	49	**A1012.1**
2.20	0.0866	27	53	**A1012.2**
2.30	0.0905	27	53	**A1012.3**
2.40	0.0944	30	57	**A1012.4**
2.50	0.0984	30	57	**A1012.5**
2.60	0.1023	30	57	**A1012.6**
2.70	0.1062	33	61	**A1012.7**
2.80	0.1102	33	61	**A1012.8**
2.90	0.1141	33	61	**A1012.9**
3.00	0.1181	33	61	**A1013.0**
3.20	0.1259	36	65	**A1013.2**

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.30	0.1299	36	65	**A1013.3**
3.50	0.1377	39	70	**A1013.5**
3.80	0.1496	43	75	**A1013.8**
4.00	0.1574	43	75	**A1014.0**
4.20	0.1653	43	75	**A1014.2**
4.50	0.1771	47	80	**A1014.5**
4.80	0.1889	52	86	**A1014.8**
5.00	0.1968	52	86	**A1015.0**
5.10	0.2007	52	86	**A1015.1**
5.20	0.2047	52	86	**A1015.2**
5.50	0.2165	57	93	**A1015.5**
6.00	0.2362	57	93	**A1016.0**
6.50	0.2559	63	101	**A1016.5**
7.00	0.2755	69	109	**A1017.0**
7.50	0.2952	69	109	**A1017.5**
8.00	0.3149	75	117	**A1018.0**
8.50	0.3346	75	117	**A1018.5**
9.00	0.3543	81	125	**A1019.0**
10.00	0.3937	87	133	**A10110.0**
11.00	0.4330	94	142	**A10111.0**
12.00	0.4724	101	151	**A10112.0**

A103

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A103

HSS | ST | DIN 338 | 4xD | N | 118°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	12	34	**A1031.0**
	1.50	0.0590	18	40	**A1031.5**
1/16	1.59	0.0625	20	43	**A1031/16**
5/64	1.98	0.0779	24	49	**A1035/64**
	2.00	0.0787	24	49	**A1032.0**
3/32	2.38	0.0937	30	57	**A1033/32**
	2.50	0.0984	30	57	**A1032.5**
7/64	2.78	0.1094	33	61	**A1037/64**
	3.00	0.1181	33	61	**A1033.0**
1/8	3.18	0.1251	36	65	**A1031/8**
	3.50	0.1377	39	70	**A1033.5**
9/64	3.57	0.1405	39	70	**A1039/64**
5/32	3.97	0.1562	43	75	**A1035/32**
	4.00	0.1574	43	75	**A1034.0**
11/64	4.37	0.1720	47	80	**A10311/64**
	4.50	0.1771	47	80	**A1034.5**

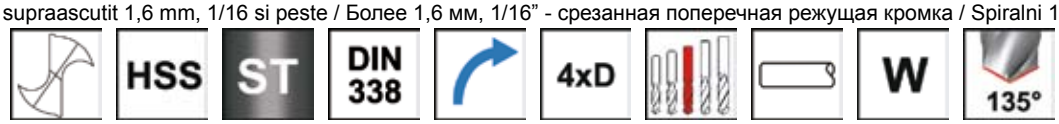
d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3/16	4.76	0.1874	52	86	**A1033/16**
	5.00	0.1968	52	86	**A1035.0**
	5.50	0.2165	57	93	**A1035.5**
7/32	5.56	0.2188	57	93	**A1037/32**
	6.00	0.2362	57	93	**A1036.0**
1/4	6.35	0.2500	63	101	**A1031/4**
	6.50	0.2559	63	101	**A1036.5**
	7.00	0.2755	69	109	**A1037.0**
5/16	7.94	0.3125	75	117	**A1035/16**
	8.00	0.3149	75	117	**A1038.0**
3/8	9.53	0.3751	87	133	**A1033/8**
	10.00	0.3937	87	133	**A10310.0**
1/2	12.70	0.5000	101	151	**A1031/2**

A108

- Vrták základní délka
- Burghiu lung
- Csigafúró
- Спиральное сверло, короткое исполнение
- Wiertłoogólnego stosowania
- sveder spiralni

A108

Bez příčného ostří od 1,6mm, 1/16” a větší / Split Point 1,6 mm, 1/16” és felette / Ostrze dzielone Split Point 1,6mm i powyzej / Varf supraascutit 1,6 mm, 1/16 si peste / Более 1,6 мм, 1/16” - срезанная поперечная режущая кромка / Spiralni 1,6mm, 1/16” in nad



■ 2.2 2.3 4.1 4.2

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	12	34	**A1081.0**
	1.10	0.0433	14	36	**A1081.1**
	1.20	0.0472	16	38	**A1081.2**
	1.30	0.0511	16	38	**A1081.3**
	1.40	0.0551	18	40	**A1081.4**
	1.50	0.0590	18	40	**A1081.5**
1/16	1.59	0.0625	20	43	**A1081/16**
	1.60	0.0629	20	43	**A1081.6**
	1.70	0.0669	20	43	**A1081.7**
	1.80	0.0708	22	46	**A1081.8**
	1.90	0.0748	22	46	**A1081.9**
5/64	1.98	0.0779	24	49	**A1085/64**
	2.00	0.0787	24	49	**A1082.0**
	2.10	0.0826	24	49	**A1082.1**
	2.20	0.0866	27	53	**A1082.2**
	2.30	0.0905	27	53	**A1082.3**
3/32	2.38	0.0937	30	57	**A1083/32**
	2.40	0.0944	30	57	**A1082.4**
	2.50	0.0984	30	57	**A1082.5**
	2.60	0.1023	30	57	**A1082.6**
	2.70	0.1062	33	61	**A1082.7**
7/64	2.78	0.1094	33	61	**A1087/64**
	2.80	0.1102	33	61	**A1082.8**
	2.90	0.1141	33	61	**A1082.9**
	3.00	0.1181	33	61	**A1083.0**
	3.10	0.1220	36	65	**A1083.1**
1/8	3.18	0.1251	36	65	**A1081/8**
	3.20	0.1259	36	65	**A1083.2**
	3.30	0.1299	36	65	**A1083.3**
	3.40	0.1338	39	70	**A1083.4**
	3.50	0.1377	39	70	**A1083.5**
9/64	3.57	0.1405	39	70	**A1089/64**
	3.60	0.1417	39	70	**A1083.6**
	3.70	0.1456	39	70	**A1083.7**
	3.80	0.1496	43	75	**A1083.8**
	3.90	0.1535	43	75	**A1083.9**
5/32	3.97	0.1562	43	75	**A1085/32**
	4.00	0.1574	43	75	**A1084.0**
	4.10	0.1604	43	75	**A1084.1**
	4.20	0.1653	43	75	**A1084.2**
	4.30	0.1692	47	80	**A1084.3**
11/64	4.37	0.1720	47	80	**A10811/64**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.40	0.1732	47	80	**A1084.4**
	4.50	0.1771	47	80	**A1084.5**
	4.60	0.1811	47	80	**A1084.6**
	4.70	0.1850	47	80	**A1084.7**
3/16	4.76	0.1874	52	86	**A1083/16**
	4.80	0.1889	52	86	**A1084.8**
	4.90	0.1929	52	86	**A1084.9**
	5.00	0.1968	52	86	**A1085.0**
	5.10	0.2007	52	86	**A1085.1**
13/64	5.16	0.2031	52	86	**A10813/64**
	5.20	0.2047	52	86	**A1085.2**
	5.30	0.2086	52	86	**A1085.3**
	5.40	0.2125	57	93	**A1085.4**
	5.50	0.2165	57	93	**A1085.5**
7/32	5.56	0.2188	57	93	**A1087/32**
	5.60	0.2204	57	93	**A1085.6**
	5.70	0.2244	57	93	**A1085.7**
	5.80	0.2283	57	93	**A1085.8**
	5.90	0.2322	57	93	**A1085.9**
	6.00	0.2362	57	93	**A1086.0**
	6.10	0.2401	63	101	**A1086.1**
	6.20	0.2440	63	101	**A1086.2**
	6.30	0.2480	63	101	**A1086.3**
1/4	6.35	0.2500	63	101	**A1081/4**
	6.40	0.2519	63	101	**A1086.4**
	6.50	0.2559	63	101	**A1086.5**
	6.60	0.2598	63	101	**A1086.6**
	6.70	0.2637	63	101	**A1086.7**
	6.80	0.2677	69	109	**A1086.8**
	6.90	0.2716	69	109	**A1086.9**
	7.00	0.2755	69	109	**A1087.0**
	7.10	0.2795	69	109	**A1087.1**
9/32	7.14	0.2811	69	109	**A1089/32**
	7.20	0.2834	69	109	**A1087.2**
	7.30	0.2874	69	109	**A1087.3**
	7.40	0.2913	69	109	**A1087.4**
	7.50	0.2952	69	109	**A1087.5**
	7.60	0.2992	75	117	**A1087.6**
	7.70	0.3031	75	117	**A1087.7**
	7.80	0.3070	75	117	**A1087.8**
	7.90	0.3110	75	117	**A1087.9**
5/16	7.94	0.3125	75	117	**A1085/16**

A108

DORMER

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	8.00	0.3149	75	117	**A1088.0**
	8.10	0.3188	75	117	**A1088.1**
	8.20	0.3228	75	117	**A1088.2**
	8.30	0.3267	75	117	**A1088.3**
	8.40	0.3307	75	117	**A1088.4**
	8.50	0.3346	75	117	**A1088.5**
	8.60	0.3385	81	125	**A1088.6**
	8.70	0.3425	81	125	**A1088.7**
11/32	8.73	0.3437	81	125	**A10811/32**
	8.80	0.3464	81	125	**A1088.8**
	8.90	0.3503	81	125	**A1088.9**
	9.00	0.3543	81	125	**A1089.0**
	9.10	0.3582	81	125	**A1089.1**
	9.20	0.3622	81	125	**A1089.2**
	9.30	0.3661	81	125	**A1089.3**
	9.40	0.3700	81	125	**A1089.4**
	9.50	0.3740	81	125	**A1089.5**
3/8	9.53	0.3751	87	133	**A1083/8**
	9.60	0.3779	87	133	**A1089.6**
	9.70	0.3818	87	133	**A1089.7**
	9.80	0.3858	87	133	**A1089.8**
	9.90	0.3897	87	133	**A1089.9**
	10.00	0.3937	87	133	**A10810.0**
	10.20	0.4015	87	133	**A10810.2**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
13/32	10.32	0.4062	87	133	**A10813/32**
	10.50	0.4133	87	133	**A10810.5**
	10.80	0.4251	94	142	**A10810.8**
	11.00	0.4330	94	142	**A10811.0**
7/16	11.11	0.4374	94	142	**A1087/16**
	11.50	0.4527	94	142	**A10811.5**
	11.80	0.4645	94	142	**A10811.8**
15/32	11.91	0.4688	101	151	**A10815/32**
	12.00	0.4724	101	151	**A10812.0**
	12.20	0.4803	101	151	**A10812.2**
	12.50	0.4921	101	151	**A10812.5**
1/2	12.70	0.5000	101	151	**A1081/2**
	12.80	0.5039	101	151	**A10812.8**
	12.90	0.5078	101	151	**A10812.9**
	13.00	0.5118	101	151	**A10813.0**
	13.50	0.5314	108	160	**A10813.5**
	14.00	0.5511	108	160	**A10814.0**
	14.50	0.5708	114	169	**A10814.5**
	15.00	0.5905	114	169	**A10815.0**
	15.25	0.6003	120	178	**A10815.25**
	15.50	0.6102	120	178	**A10815.5**
	16.00	0.6299	120	178	**A10816.0**

A170

- Vrták s rovnou stopkou 1/2”
- Párhuzamos fúró ½”-os befogással
- Wiertło1/2 ‘’ z chwytem walcowym
- Burghiu cu coada cilindrica 1/2 Inch
- Сверло, цилиндрический хвостовик диам. 1/2” (12,7 мм)
- 1/2” sveder

A170

- 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 Inch	l_1 Inch	l_2 mm	l_1 mm	e-Code
	13.00	0.5118			83	156	**A17013.0**
17/32	13.494	0.5312	3.1/8	6“			**A17017/32**
	13.50	0.5315			83	156	**A17013.5**
	14.00	0.5512			83	156	**A17014.0**
9/16	14.288	0.5625	3.1/8	6“			**A1709/16**
	14.50	0.5709			83	156	**A17014.5**
	15.00	0.5905			83	156	**A17015.0**
19/32	15.081	0.5938	3.1/8	6“			**A17019/32**
	15.50	0.6102			83	156	**A17015.5**
5/8	15.875	0.6250	3.1/8	6“			**A1705/8**
	16.00	0.6299			84	157	**A17016.0**
	16.50	0.6496			84	157	**A17016.5**
21/32	16.669	0.6562	3.1/8	6“			**A17021/32**
	17.00	0.6693			84	157	**A17017.0**
11/16	17.463	0.6875	3.1/8	6“			**A17011/16**
	17.50	0.6890			84	157	**A17017.5**
	18.00	0.7087			84	157	**A17018.0**
23/32	18.256	0.7188	3.1/8	6“			**A17023/32**
	18.50	0.7283			84	157	**A17018.5**
	19.00	0.7480			84	157	**A17019.0**

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 Inch	l_1 Inch	l_2 mm	l_1 mm	e-Code
3/4	19.05	0.7500	3.1/8	6“			**A1703/4**
	19.50	0.7677			81	158	**A17019.5**
25/32	19.844	0.7812	3“	6“			**A17025/32**
	20.00	0.7874			81	158	**A17020.0**
13/16	20.638	0.8125	3“	6“			**A17013/16**
	21.00	0.8268			82	158	**A17021.0**
	22.00	0.8661			82	158	**A17022.0**
7/8	22.225	0.8750	3“	6“			**A1707/8**
	23.00	0.9055			82	158	**A17023.0**
15/16	23.813	0.9375	3“	6“			**A17015/16**
	24.00	0.9449			83	159	**A17024.0**
	25.00	0.9842			83	159	**A17025.0**
1“	25.400	1.0000	3“	6“			**A1701**
1.1/16	26.988	1.0625	3“	6“			**A1701.1/16**
1.1/8	28.575	1.1250	3“	6“			**A1701.1/8**
1.3/16	30.163	1.1875	3“	6“			**A1701.3/16**
1.1/4	31.750	1.2500	3“	6“			**A1701.1/4**
1.5/16	33.338	1.3125	3“	6“			**A1701.5/16**
1.3/8	34.925	1.3750	3“	6“			**A1701.3/8**
1.1/2	38.10	1.5000	3“	6“			**A1701.1/2**

A002

DORMER

- Vrták základní délka
- Csigafúró
- Wiertłoogólnego stosowania
- Burghiu lung
- Спиральное сверло, короткое исполнение
- sveder spiralni

A002

Broušený povrch pod průměr 2.0mm, podbroušená povlakovaná špička TiN od prům. 2,0mm a větší / Bevonat: 2mm alatt-fényes, a hegyen-TiN; Geom: 2mm és afölött: SplitPoint / Jasny poniżej 2.0mm, z częściowym pokryciem TiN i geometrią Split Point powyżej średnicy 2.0mm / Lucios sub 2.0 mm, varf TiN si Split Point peste 2.0 mm / Шлифованные менее 2.0 мм, более 2.0 мм покрытие TiN и подточка вершины / Brez prevleke do 2mm, TiN prevlečeni od premera 2mm naprej

■ 1.1 1.2 1.3 1.4 3.1 3.2 7.1 7.2 8.1 8.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.3 7.4 8.3 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	12	34	**A0021.0**
	1.10	0.0433	14	36	**A0021.1**
3/64	1.19	0.0468	16	38	**A0023/64**
	1.20	0.0472	16	38	**A0021.2**
	1.30	0.0511	16	38	**A0021.3**
	1.40	0.0551	18	40	**A0021.4**
	1.50	0.0590	18	40	**A0021.5**
1/16	1.59	0.0625	20	43	**A0021/16**
	1.60	0.0629	20	43	**A0021.6**
	1.70	0.0669	20	43	**A0021.7**
	1.80	0.0708	22	46	**A0021.8**
	1.90	0.0748	22	46	**A0021.9**
5/64	1.98	0.0779	24	49	**A0025/64**
	2.00	0.0787	24	49	**A0022.0**
	2.10	0.0826	24	49	**A0022.1**
	2.20	0.0866	27	53	**A0022.2**
	2.30	0.0905	27	53	**A0022.3**
3/32	2.38	0.0937	30	57	**A0023/32**
	2.40	0.0944	30	57	**A0022.4**
	2.50	0.0984	30	57	**A0022.5**
	2.60	0.1023	30	57	**A0022.6**
	2.70	0.1062	33	61	**A0022.7**
7/64	2.78	0.1094	33	61	**A0027/64**
	2.80	0.1102	33	61	**A0022.8**
	2.90	0.1141	33	61	**A0022.9**
	3.00	0.1181	33	61	**A0023.0**
	3.10	0.1220	36	65	**A0023.1**
1/8	3.18	0.1251	36	65	**A0021/8**
	3.20	0.1259	36	65	**A0023.2**
	3.25	0.1280	36	65	**A0023.25**
	3.30	0.1299	36	65	**A0023.3**
	3.40	0.1338	39	70	**A0023.4**
	3.50	0.1377	39	70	**A0023.5**
9/64	3.57	0.1405	39	70	**A0029/64**
	3.60	0.1417	39	70	**A0023.6**
	3.70	0.1456	39	70	**A0023.7**
	3.80	0.1496	43	75	**A0023.8**
	3.90	0.1535	43	75	**A0023.9**
5/32	3.97	0.1562	43	75	**A0025/32**
	4.00	0.1574	43	75	**A0024.0**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.10	0.1614	43	75	**A0024.1**
	4.20	0.1653	43	75	**A0024.2**
	4.30	0.1692	47	80	**A0024.3**
11/64	4.37	0.1725	47	80	**A00211/64**
	4.40	0.1732	47	80	**A0024.4**
	4.50	0.1771	47	80	**A0024.5**
	4.60	0.1811	47	80	**A0024.6**
	4.70	0.1850	47	80	**A0024.7**
3/16	4.76	0.1874	52	86	**A0023/16**
	4.80	0.1889	52	86	**A0024.8**
	4.90	0.1929	52	86	**A0024.9**
	5.00	0.1968	52	86	**A0025.0**
	5.10	0.2007	52	86	**A0025.1**
13/64	5.16	0.2031	52	86	**A00213/64**
	5.20	0.2047	52	86	**A0025.2**
	5.30	0.2086	52	86	**A0025.3**
	5.40	0.2125	57	93	**A0025.4**
	5.50	0.2165	57	93	**A0025.5**
7/32	5.56	0.2188	57	93	**A0027/32**
	5.60	0.2204	57	93	**A0025.6**
	5.70	0.2244	57	93	**A0025.7**
	5.80	0.2283	57	93	**A0025.8**
	5.90	0.2322	57	93	**A0025.9**
15/64	5.95	0.2342	57	93	**A00215/64**
	6.00	0.2362	57	93	**A0026.0**
	6.10	0.2401	63	101	**A0026.1**
	6.20	0.2440	63	101	**A0026.2**
	6.30	0.2480	63	101	**A0026.3**
1/4	6.35	0.2500	63	101	**A0021/4**
	6.40	0.2519	63	101	**A0026.4**
	6.50	0.2559	63	101	**A0026.5**
	6.60	0.2598	63	101	**A0026.6**
	6.70	0.2637	63	101	**A0026.7**
17/64	6.75	0.2657	69	109	**A00217/64**
	6.80	0.2677	69	109	**A0026.8**
	6.90	0.2716	69	109	**A0026.9**
	7.00	0.2755	69	109	**A0027.0**
	7.10	0.2795	69	109	**A0027.1**
9/32	7.14	0.2811	69	109	**A0029/32**
	7.20	0.2834	69	109	**A0027.2**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	7.30	0.2874	69	109	**A0027.3**
	7.40	0.2913	69	109	**A0027.4**
	7.50	0.2952	69	109	**A0027.5**
19/64	7.54	0.2968	75	117	**A00219/64**
	7.60	0.2992	75	117	**A0027.6**
	7.70	0.3031	75	117	**A0027.7**
	7.80	0.3070	75	117	**A0027.8**
	7.90	0.3110	75	117	**A0027.9**
5/16	7.94	0.3125	75	117	**A0025/16**
	8.00	0.3149	75	117	**A0028.0**
	8.10	0.3188	75	117	**A0028.1**
	8.20	0.3228	75	117	**A0028.2**
	8.30	0.3267	75	117	**A0028.3**
21/64	8.33	0.3279	75	117	**A00221/64**
	8.40	0.3307	75	117	**A0028.4**
	8.50	0.3346	75	117	**A0028.5**
	8.60	0.3385	81	125	**A0028.6**
	8.70	0.3425	81	125	**A0028.7**
11/32	8.73	0.3437	81	125	**A00211/32**
	8.80	0.3464	81	125	**A0028.8**
	8.90	0.3503	81	125	**A0028.9**
	9.00	0.3543	81	125	**A0029.0**
	9.10	0.3582	81	125	**A0029.1**
23/64	9.13	0.3594	81	125	**A00223/64**
	9.20	0.3622	81	125	**A0029.2**
	9.30	0.3661	81	125	**A0029.3**
	9.40	0.3700	81	125	**A0029.4**
	9.50	0.3740	81	125	**A0029.5**
3/8	9.53	0.3751	87	133	**A0023/8**
	9.60	0.3779	87	133	**A0029.6**
	9.70	0.3818	87	133	**A0029.7**
	9.80	0.3858	87	133	**A0029.8**
	9.90	0.3897	87	133	**A0029.9**
25/64	9.92	0.3905	87	133	**A00225/64**
	10.00	0.3937	87	133	**A00210.0**
	10.10	0.3976	87	133	**A00210.1**
	10.20	0.4015	87	133	**A00210.2**
	10.30	0.4055	87	133	**A00210.3**
13/32	10.32	0.4062	87	133	**A00213/32**
	10.40	0.4094	87	133	**A00210.4**
	10.50	0.4133	87	133	**A00210.5**
	10.60	0.4173	87	133	**A00210.6**
	10.70	0.4212	94	142	**A00210.7**
27/64	10.72	0.4220	94	142	**A00227/64**
	10.80	0.4251	94	142	**A00210.8**
	10.90	0.4291	94	142	**A00210.9**
	11.00	0.4330	94	142	**A00211.0**
	11.10	0.4370	94	142	**A00211.1**
7/16	11.11	0.4374	94	142	**A0027/16**
	11.20	0.4409	94	142	**A00211.2**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	11.30	0.4448	94	142	**A00211.3**
	11.40	0.4488	94	142	**A00211.4**
	11.50	0.4527	94	142	**A00211.5**
29/64	11.51	0.4531	94	142	**A00229/64**
	11.60	0.4566	94	142	**A00211.6**
	11.70	0.4606	94	142	**A00211.7**
	11.80	0.4645	94	142	**A00211.8**
	11.90	0.4685	101	151	**A00211.9**
15/32	11.91	0.4688	101	151	**A00215/32**
	12.00	0.4724	101	151	**A00212.0**
	12.10	0.4763	101	151	**A00212.1**
	12.20	0.4803	101	151	**A00212.2**
	12.30	0.4842	101	151	**A00212.3**
31/64	12.30	0.4842	101	151	**A00231/64**
	12.40	0.4881	101	151	**A00212.4**
	12.50	0.4920	101	151	**A00212.5**
	12.60	0.4960	101	151	**A00212.6**
	12.70	0.5000	101	151	**A00212.7**
1/2	12.70	0.5000	101	151	**A0021/2**
	12.80	0.5039	101	151	**A00212.8**
	12.90	0.5078	101	151	**A00212.9**
	13.00	0.5118	101	151	**A00213.0**
33/64	13.10	0.5157	101	151	**A00233/64**
	13.10	0.5157	101	151	**A00213.1**
	13.20	0.5196	101	151	**A00213.2**
	13.25	0.5216	108	160	**A00213.25**
	13.30	0.5236	108	160	**A00213.3**
	13.40	0.5275	108	160	**A00213.4**
17/32	13.49	0.5295	108	160	**A00217/32**
	13.50	0.5314	108	160	**A00213.5**
	13.60	0.5354	108	160	**A00213.6**
	13.70	0.5393	108	160	**A00213.7**
	13.75	0.5413	108	160	**A00213.75**
	13.80	0.5433	108	160	**A00213.8**
35/64	13.89	0.5468	108	160	**A00235/64**
	13.90	0.5472	108	160	**A00213.9**
	14.00	0.5511	108	160	**A00214.0**
	14.25	0.5610	114	169	**A00214.25**
9/16	14.29	0.5625	114	169	**A0029/16**
	14.50	0.5708	114	169	**A00214.5**
37/64	14.68	0.5779	114	169	**A00237/64**
	14.75	0.5807	114	169	**A00214.75**
	15.00	0.5905	114	169	**A00215.0**
19/32	15.08	0.5937	120	178	**A00219/32**
	15.25	0.6003	120	178	**A00215.25**
39/64	15.48	0.6094	120	178	**A00239/64**
	15.50	0.6102	120	178	**A00215.5**
	15.75	0.6200	120	178	**A00215.75**
5/8	15.88	0.6251	120	178	**A0025/8**
	16.00	0.6299	120	178	**A00216.0**

A510

DORMER

- ADX vrták základní délka
- Burghiu ADX lung
- ADX Csigafúró
- Сверло ADX, короткое исполнение
- Wiertłotypu ADX o standardowej długośći
- ADX sveder spiralni

ADX

A510

■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 3.1 3.2 3.3 3.4 6.2 6.3 7.2 7.3 7.4 8.1 8.2 8.3

● 1.6 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.4 7.1

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	33	61	**A5103.0**
	3.10	0.1220	36	65	**A5103.1**
1/8	3.18	0.1250	36	65	**A5101/8**
	3.20	0.1259	36	65	**A5103.2**
	3.30	0.1299	36	65	**A5103.3**
	3.40	0.1338	39	70	**A5103.4**
	3.50	0.1377	39	70	**A5103.5**
9/64	3.57	0.1405	39	70	**A5109/64**
	3.60	0.1417	39	70	**A5103.6**
	3.70	0.1456	39	70	**A5103.7**
	3.80	0.1496	43	75	**A5103.8**
	3.90	0.1535	43	75	**A5103.9**
5/32	3.97	0.1562	43	75	**A5105/32**
	4.00	0.1574	43	75	**A5104.0**
	4.10	0.1614	43	75	**A5104.1**
	4.20	0.1653	43	75	**A5104.2**
	4.30	0.1692	47	80	**A5104.3**
11/64	4.37	0.1720	47	80	**A51011/64**
	4.40	0.1732	47	80	**A5104.4**
	4.50	0.1771	47	80	**A5104.5**
	4.60	0.1811	47	80	**A5104.6**
	4.70	0.1850	47	80	**A5104.7**
3/16	4.76	0.1874	52	86	**A5103/16**
	4.80	0.1889	52	86	**A5104.8**
	4.90	0.1929	52	86	**A5104.9**
	5.00	0.1968	52	86	**A5105.0**
	5.10	0.2007	52	86	**A5105.1**
13/64	5.16	0.2031	52	86	**A51013/64**
	5.20	0.2047	52	86	**A5105.2**
	5.30	0.2086	52	86	**A5105.3**
	5.40	0.2125	57	93	**A5105.4**
	5.50	0.2165	57	93	**A5105.5**
7/32	5.56	0.2188	57	93	**A5107/32**
	5.60	0.2204	57	93	**A5105.6**
	5.70	0.2244	57	93	**A5105.7**
	5.80	0.2283	57	93	**A5105.8**
	5.90	0.2322	57	93	**A5105.9**
15/64	5.95	0.2342	57	93	**A51015/64**
	6.00	0.2362	57	93	**A5106.0**
	6.10	0.2401	63	101	**A5106.1**
	6.20	0.2440	63	101	**A5106.2**
	6.30	0.2480	63	101	**A5106.3**
1/4	6.35	0.2500	63	101	**A5101/4**
	6.40	0.2519	63	101	**A5106.4**

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.50	0.2559	63	101	**A5106.5**
	6.60	0.2598	63	101	**A5106.6**
	6.70	0.2637	63	101	**A5106.7**
17/64	6.75	0.2657	69	109	**A51017/64**
	6.80	0.2677	69	109	**A5106.8**
	6.90	0.2716	69	109	**A5106.9**
	7.00	0.2755	69	109	**A5107.0**
	7.10	0.2795	69	109	**A5107.1**
9/32	7.14	0.2811	69	109	**A5109/32**
	7.20	0.2834	69	109	**A5107.2**
	7.30	0.2874	69	109	**A5107.3**
	7.40	0.2913	69	109	**A5107.4**
	7.50	0.2952	69	109	**A5107.5**
19/64	7.54	0.2968	75	117	**A51019/64**
	7.60	0.2992	75	117	**A5107.6**
	7.70	0.3031	75	117	**A5107.7**
	7.80	0.3070	75	117	**A5107.8**
	7.90	0.3110	75	117	**A5107.9**
5/16	7.94	0.3125	75	117	**A5105/16**
	8.00	0.3149	75	117	**A5108.0**
	8.10	0.3188	75	117	**A5108.1**
	8.20	0.3228	75	117	**A5108.2**
	8.30	0.3267	75	117	**A5108.3**
21/64	8.33	0.3279	75	117	**A51021/64**
	8.40	0.3307	75	117	**A5108.4**
	8.50	0.3346	75	117	**A5108.5**
	8.60	0.3385	81	125	**A5108.6**
	8.70	0.3425	81	125	**A5108.7**
11/32	8.73	0.3437	81	125	**A51011/32**
	8.80	0.3464	81	125	**A5108.8**
	8.90	0.3503	81	125	**A5108.9**
	9.00	0.3543	81	125	**A5109.0**
	9.10	0.3582	81	125	**A5109.1**
23/64	9.13	0.3594	81	125	**A51023/64**
	9.20	0.3622	81	125	**A5109.2**
	9.30	0.3661	81	125	**A5109.3**
	9.40	0.3700	81	125	**A5109.4**
	9.50	0.3740	81	125	**A5109.5**
3/8	9.53	0.3750	87	133	**A5103/8**
	9.60	0.3779	87	133	**A5109.6**
	9.70	0.3818	87	133	**A5109.7**
	9.80	0.3858	87	133	**A5109.8**
	9.90	0.3897	87	133	**A5109.9**
25/64	9.92	0.3905	87	133	**A51025/64**

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d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	87	133	**A51010.0**
	10.10	0.3976	87	133	**A51010.1**
	10.20	0.4015	87	133	**A51010.2**
	10.30	0.4055	87	133	**A51010.3**
13/32	10.32	0.4062	87	133	**A51013/32**
	10.40	0.4094	87	133	**A51010.4**
	10.50	0.4133	87	133	**A51010.5**
	10.60	0.4173	87	133	**A51010.6**
	10.70	0.4212	94	142	**A51010.7**
27/64	10.72	0.4220	94	142	**A51027/64**
	10.80	0.4251	94	142	**A51010.8**
	10.90	0.4291	94	142	**A51010.9**
	11.00	0.4330	94	142	**A51011.0**
	11.10	0.4370	94	142	**A51011.1**
7/16	11.11	0.4374	94	142	**A5107/16**
	11.20	0.4409	94	142	**A51011.2**
	11.30	0.4448	94	142	**A51011.3**
	11.40	0.4488	94	142	**A51011.4**
	11.50	0.4527	94	142	**A51011.5**
29/64	11.51	0.4531	94	142	**A51029/64**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	11.60	0.4566	94	142	**A51011.6**
	11.70	0.4606	94	142	**A51011.7**
	11.80	0.4645	94	142	**A51011.8**
	11.90	0.4685	101	151	**A51011.9**
15/32	11.91	0.4688	101	151	**A51015/32**
	12.00	0.4724	101	151	**A51012.0**
	12.10	0.4763	101	151	**A51012.1**
	12.20	0.4803	101	151	**A51012.2**
	12.30	0.4842	101	151	**A51012.3**
31/64	12.30	0.4842	101	151	**A51031/64**
	12.40	0.4881	101	151	**A51012.4**
	12.50	0.4921	101	151	**A51012.5**
	12.60	0.4960	101	151	**A51012.6**
	12.70	0.5000	101	151	**A51012.7**
1/2	12.70	0.5000	101	151	**A5101/2**
	12.80	0.5039	101	151	**A51012.8**
	12.90	0.5078	101	151	**A51012.9**
	13.00	0.5118	101	151	**A51013.0**
	14.00	0.5511	108	160	**A51014.0**

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DORMER

- Vrták základní délka
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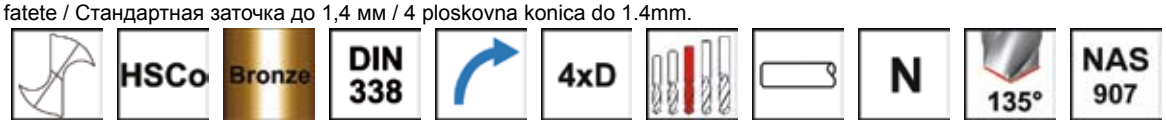
4 fasetkový vrchol až do 1.4 mm / 4 köszörült élpont 1,4mm alatt. / 4 Plaszczyznowe Ostrze do 1.4mm / Pana la 1,4 mm, varf cu 4 fatete / Стандартная заточка до 1,4 мм / 4 ploskovna konica do 1.4mm.



■ 1.5 1.6 3.4 4.1 4.2 4.3 5.2

● 1.1 1.2 1.3 1.4 2.1 2.2 2.3 3.1 3.2 3.3 5.1 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.30	0.0118	3	19	**A777.3**
	0.35	0.0137	4	19	**A777.35**
	0.40	0.0157	5	20	**A777.4**
	0.45	0.0177	5	20	**A777.45**
	0.50	0.0196	6	22	**A777.5**
	0.55	0.0216	7	24	**A777.55**
	0.60	0.0236	7	24	**A777.6**
	0.65	0.0255	8	26	**A777.65**
	0.70	0.0275	9	28	**A777.7**
	0.80	0.0314	10	30	**A777.8**
	0.90	0.0354	11	32	**A777.9**
	0.95	0.0374	11	32	**A777.95**
	1.00	0.0393	12	34	**A7771.0**
	1.10	0.0433	14	36	**A7771.1**
	1.20	0.0472	16	38	**A7771.2**
	1.30	0.0511	16	38	**A7771.3**
	1.40	0.0551	18	40	**A7771.4**
	1.50	0.0590	18	40	**A7771.5**
1/16	1.59	0.0625	20	43	**A7771/16**
	1.60	0.0629	20	43	**A7771.6**
	1.70	0.0669	20	43	**A7771.7**
	1.80	0.0708	22	46	**A7771.8**
	1.90	0.0748	22	46	**A7771.9**
5/64	1.98	0.0779	24	49	**A7775/64**
	2.00	0.0787	24	49	**A7772.0**
	2.10	0.0826	24	49	**A7772.1**
	2.20	0.0866	27	53	**A7772.2**
	2.30	0.0905	27	53	**A7772.3**
3/32	2.38	0.0937	30	57	**A7773/32**
	2.40	0.0944	30	57	**A7772.4**
	2.50	0.0984	30	57	**A7772.5**
	2.60	0.1023	30	57	**A7772.6**
	2.70	0.1062	33	61	**A7772.7**
7/64	2.78	0.1094	33	61	**A7777/64**
	2.80	0.1102	33	61	**A7772.8**
	2.90	0.1141	33	61	**A7772.9**
	3.00	0.1181	33	61	**A7773.0**
	3.10	0.1220	36	65	**A7773.1**
1/8	3.18	0.1251	36	65	**A7771/8**
	3.20	0.1259	36	65	**A7773.2**
	3.30	0.1299	36	65	**A7773.3**
	3.40	0.1338	39	70	**A7773.4**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.50	0.1377	39	70	**A7773.5**
9/64	3.57	0.1405	39	70	**A7779/64**
	3.60	0.1417	39	70	**A7773.6**
	3.70	0.1456	39	70	**A7773.7**
	3.80	0.1496	43	75	**A7773.8**
	3.90	0.1535	43	75	**A7773.9**
5/32	3.97	0.1562	43	75	**A7775/32**
	4.00	0.1574	43	75	**A7774.0**
	4.10	0.1614	43	75	**A7774.1**
	4.20	0.1653	43	75	**A7774.2**
	4.30	0.1692	47	80	**A7774.3**
11/64	4.37	0.1720	47	80	**A77711/64**
	4.40	0.1732	47	80	**A7774.4**
	4.50	0.1771	47	80	**A7774.5**
	4.60	0.1811	47	80	**A7774.6**
	4.70	0.1850	47	80	**A7774.7**
3/16	4.76	0.1874	52	86	**A7773/16**
	4.80	0.1889	52	86	**A7774.8**
	4.90	0.1929	52	86	**A7774.9**
	5.00	0.1968	52	86	**A7775.0**
	5.10	0.2007	52	86	**A7775.1**
13/64	5.16	0.2031	52	86	**A77713/64**
	5.20	0.2047	52	86	**A7775.2**
	5.30	0.2086	52	86	**A7775.3**
	5.40	0.2125	57	93	**A7775.4**
	5.50	0.2165	57	93	**A7775.5**
7/32	5.56	0.2188	57	93	**A7777/32**
	5.60	0.2204	57	93	**A7775.6**
	5.70	0.2244	57	93	**A7775.7**
	5.80	0.2283	57	93	**A7775.8**
	5.90	0.2322	57	93	**A7775.9**
15/64	5.95	0.2342	57	93	**A77715/64**
	6.00	0.2362	57	93	**A7776.0**
	6.10	0.2401	63	101	**A7776.1**
	6.20	0.2440	63	101	**A7776.2**
	6.30	0.2480	63	101	**A7776.3**
1/4	6.35	0.2500	63	101	**A7771/4**
	6.40	0.2519	63	101	**A7776.4**
	6.50	0.2559	63	101	**A7776.5**
	6.60	0.2598	63	101	**A7776.6**
	6.70	0.2637	63	101	**A7776.7**
17/64	6.75	0.2657	69	109	**A77717/64**

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d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.80	0.2677	69	109	**A7776.8**
	6.90	0.2716	69	109	**A7776.9**
	7.00	0.2755	69	109	**A7777.0**
	7.10	0.2795	69	109	**A7777.1**
9/32	7.14	0.2811	69	109	**A7779/32**
	7.20	0.2834	69	109	**A7777.2**
	7.30	0.2874	69	109	**A7777.3**
	7.40	0.2913	69	109	**A7777.4**
	7.50	0.2952	69	109	**A7777.5**
19/64	7.54	0.2968	75	117	**A77719/64**
	7.60	0.2992	75	117	**A7777.6**
	7.70	0.3031	75	117	**A7777.7**
	7.80	0.3070	75	117	**A7777.8**
	7.90	0.3110	75	117	**A7777.9**
5/16	7.94	0.3125	75	117	**A7775/16**
	8.00	0.3149	75	117	**A7778.0**
	8.10	0.3188	75	117	**A7778.1**
	8.20	0.3228	75	117	**A7778.2**
	8.30	0.3267	75	117	**A7778.3**
21/64	8.33	0.3279	75	117	**A77721/64**
	8.40	0.3307	75	117	**A7778.4**
	8.50	0.3346	75	117	**A7778.5**
	8.60	0.3385	81	125	**A7778.6**
	8.70	0.3425	81	125	**A7778.7**
11/32	8.73	0.3437	81	125	**A77711/32**
	8.80	0.3464	81	125	**A7778.8**
	8.90	0.3503	81	125	**A7778.9**
	9.00	0.3543	81	125	**A7779.0**
	9.10	0.3582	81	125	**A7779.1**
23/64	9.13	0.3594	81	125	**A77723/64**
	9.20	0.3622	81	125	**A7779.2**
	9.30	0.3661	81	125	**A7779.3**
	9.40	0.3700	81	125	**A7779.4**
	9.50	0.3740	81	125	**A7779.5**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3/8	9.53	0.3751	87	133	**A7773/8**
	9.60	0.3779	87	133	**A7779.6**
	9.70	0.3818	87	133	**A7779.7**
	9.80	0.3858	87	133	**A7779.8**
	9.90	0.3897	87	133	**A7779.9**
25/64	9.92	0.3905	87	133	**A77725/64**
	10.00	0.3937	87	133	**A77710.0**
	10.10	0.3976	87	133	**A77710.1**
	10.20	0.4015	87	133	**A77710.2**
13/32	10.32	0.4062	87	133	**A77713/32**
	10.50	0.4133	87	133	**A77710.5**
27/64	10.72	0.4220	94	142	**A77727/64**
	10.80	0.4251	94	142	**A77710.8**
	11.00	0.4330	94	142	**A77711.0**
7/16	11.11	0.4374	94	142	**A7777/16**
	11.20	0.4409	94	142	**A77711.2**
	11.50	0.4527	94	142	**A77711.5**
29/64	11.51	0.4531	94	142	**A77729/64**
	11.80	0.4645	94	142	**A77711.8**
15/32	11.91	0.4688	101	151	**A77715/32**
	12.00	0.4724	101	151	**A77712.0**
	12.20	0.4803	101	151	**A77712.2**
31/64	12.30	0.4842	101	151	**A77731/64**
	12.50	0.4921	101	151	**A77712.5**
1/2	12.70	0.5000	101	151	**A7771/2**
	12.80	0.5039	101	151	**A77712.8**
	13.00	0.5118	101	151	**A77713.0**
	13.50	0.5314	108	160	**A77713.5**
	14.00	0.5511	108	160	**A77714.0**
	14.50	0.5708	114	169	**A77714.5**
	15.00	0.5905	114	169	**A77715.0**
	15.50	0.6102	120	178	**A77715.5**
	16.00	0.6299	120	178	**A77716.0**

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- sveder spiralni

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HSCo | Dialub | DIN 338 | 4xD | W | 135°

■ 2.2 2.3 4.1 4.2

● 2.1 4.3 7.1 7.2 7.3 7.4

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.00	0.1181	33	61	**A5093.0**
	3.10	0.1220	36	65	**A5093.1**
1/8	3.17	0.1250	36	65	**A5091/8**
	3.20	0.1259	36	65	**A5093.2**
	3.30	0.1299	36	65	**A5093.3**
	3.40	0.1338	39	70	**A5093.4**
	3.50	0.1377	39	70	**A5093.5**
9/64	3.57	0.1406	39	70	**A5099/64**
	3.60	0.1417	39	70	**A5093.6**
	3.70	0.1456	39	70	**A5093.7**
	3.80	0.1496	43	75	**A5093.8**
	3.90	0.1535	43	75	**A5093.9**
5/32	3.97	0.1563	43	75	**A5095/32**
	4.00	0.1574	43	75	**A5094.0**
	4.10	0.1614	43	75	**A5094.1**
	4.20	0.1653	43	75	**A5094.2**
	4.30	0.1692	47	80	**A5094.3**
11/64	4.37	0.1719	47	80	**A50911/64**
	4.40	0.1732	47	80	**A5094.4**
	4.50	0.1771	47	80	**A5094.5**
	4.60	0.1811	47	80	**A5094.6**
	4.70	0.1850	47	80	**A5094.7**
3/16	4.76	0.1875	52	86	**A5093/16**
	4.80	0.1889	52	86	**A5094.8**
	4.90	0.1929	52	86	**A5094.9**
	5.00	0.1968	52	86	**A5095.0**
	5.10	0.2007	52	86	**A5095.1**
13/64	5.16	0.2031	52	86	**A50913/64**
	5.20	0.2047	52	86	**A5095.2**
	5.30	0.2086	52	86	**A5095.3**
	5.40	0.2125	57	93	**A5095.4**
	5.50	0.2165	57	93	**A5095.5**
7/32	5.56	0.2188	57	93	**A5097/32**
	5.60	0.2204	57	93	**A5095.6**
	5.70	0.2244	57	93	**A5095.7**
	5.80	0.2283	57	93	**A5095.8**
	5.90	0.2322	57	93	**A5095.9**
15/64	5.95	0.2344	57	93	**A50915/64**
	6.00	0.2362	57	93	**A5096.0**
	6.10	0.2401	63	101	**A5096.1**
	6.20	0.2440	63	101	**A5096.2**
	6.30	0.2480	63	101	**A5096.3**
1/4	6.35	0.2500	63	101	**A5091/4**
	6.40	0.2519	63	101	**A5096.4**

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.50	0.2559	63	101	**A5096.5**
	6.60	0.2598	63	101	**A5096.6**
	6.70	0.2637	63	101	**A5096.7**
17/64	6.75	0.2656	69	109	**A50917/64**
	6.80	0.2677	69	109	**A5096.8**
	6.90	0.2716	69	109	**A5096.9**
	7.00	0.2755	69	109	**A5097.0**
	7.10	0.2795	69	109	**A5097.1**
9/32	7.14	0.2813	69	109	**A5099/32**
	7.20	0.2834	69	109	**A5097.2**
	7.30	0.2874	69	109	**A5097.3**
	7.40	0.2913	69	109	**A5097.4**
	7.50	0.2952	69	109	**A5097.5**
19/64	7.54	0.2969	75	117	**A50919/64**
	7.60	0.2992	75	117	**A5097.6**
	7.70	0.3031	75	117	**A5097.7**
	7.80	0.3070	75	117	**A5097.8**
	7.90	0.3110	75	117	**A5097.9**
5/16	7.94	0.3125	75	117	**A5095/16**
	8.00	0.3149	75	117	**A5098.0**
	8.10	0.3188	75	117	**A5098.1**
	8.20	0.3228	75	117	**A5098.2**
	8.30	0.3267	75	117	**A5098.3**
21/64	8.33	0.3281	75	117	**A50921/64**
	8.40	0.3307	75	117	**A5098.4**
	8.50	0.3346	75	117	**A5098.5**
	8.60	0.3385	81	125	**A5098.6**
	8.70	0.3425	81	125	**A5098.7**
11/32	8.73	0.3438	81	125	**A50911/32**
	8.80	0.3464	81	125	**A5098.8**
	8.90	0.3503	81	125	**A5098.9**
	9.00	0.3543	81	125	**A5099.0**
	9.10	0.3582	81	125	**A5099.1**
23/64	9.13	0.3594	81	125	**A50923/64**
	9.20	0.3622	81	125	**A5099.2**
	9.30	0.3661	81	125	**A5099.3**
	9.40	0.3700	81	125	**A5099.4**
	9.50	0.3740	81	125	**A5099.5**
3/8	9.53	0.3750	87	133	**A5093/8**
	9.60	0.3779	87	133	**A5099.6**
	9.70	0.3818	87	133	**A5099.7**
	9.80	0.3858	87	133	**A5099.8**
	9.90	0.3897	87	133	**A5099.9**
25/64	9.92	0.3906	87	133	**A50925/64**

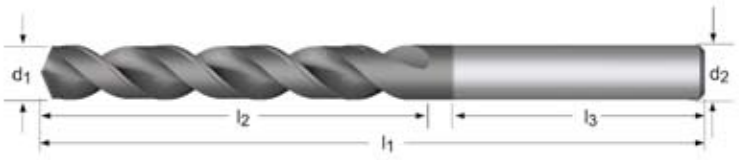
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	87	133	**A50910.0**
	10.20	0.4015	87	133	**A50910.2**
13/32	10.32	0.4063	87	133	**A50913/32**
	10.50	0.4133	87	133	**A50910.5**
27/64	10.72	0.4219	94	142	**A50927/64**
	10.80	0.4251	94	142	**A50910.8**
	11.00	0.4330	94	142	**A50911.0**
	11.10	0.4370	94	142	**A50911.1**
7/16	11.11	0.4375	94	142	**A5097/16**
	11.30	0.4448	94	142	**A50911.3**
	11.40	0.4488	94	142	**A50911.4**
	11.50	0.4527	94	142	**A50911.5**
29/64	11.51	0.4531	94	142	**A50929/64**
	11.80	0.4645	94	142	**A50911.8**
15/32	11.91	0.4688	101	151	**A50915/32**
	12.00	0.4724	101	151	**A50912.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	12.10	0.4763	101	151	**A50912.1**
	12.20	0.4803	101	151	**A50912.2**
31/64	12.30	0.4844	101	151	**A50931/64**
	12.50	0.4921	101	151	**A50912.5**
1/2	12.70	0.5000	101	151	**A5091/2**
	12.80	0.5039	101	151	**A50912.8**
	12.90	0.5078	101	151	**A50912.9**
	13.00	0.5118	101	151	**A50913.0**
	13.50	0.5314	108	160	**A50913.5**
	14.00	0.5511	108	160	**A50914.0**
	14.25	0.5610	114	169	**A50914.25**
	14.50	0.5708	114	169	**A50914.5**
	15.00	0.5905	114	169	**A50915.0**
	15.50	0.6102	120	178	**A50915.5**
	16.00	0.6299	120	178	**A50916.0**

A553

DORMER

- ADX vrták
- Burghiu ADX
- ADX Csigafúró
- Сверло ADX
- Wiertłotypu ADX
- ADX sveder spiralni



ADX

A553

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.1 6.2 6.3 7.2 7.3 7.4 8.1

● 2.3 4.2 4.3 5.1 5.2 5.3 6.1 6.4 7.1

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh6 mm	e-Code
5.00	0.1968	36	79	36	6	**A5535.0**
5.10	0.2007	37	79	36	6	**A5535.1**
5.20	0.2047	38	79	36	6	**A5535.2**
5.30	0.2086	38	79	36	6	**A5535.3**
5.50	0.2165	40	79	36	6	**A5535.5**
5.60	0.2204	41	79	36	6	**A5535.6**
5.80	0.2283	42	79	36	6	**A5535.8**
5.90	0.2322	43	79	36	6	**A5535.9**
6.00	0.2362	43	79	36	6	**A5536.0**
6.30	0.2480	46	87	36	8	**A5536.3**
6.50	0.2559	47	87	36	8	**A5536.5**
6.60	0.2598	48	87	36	8	**A5536.6**
6.80	0.2677	48	87	36	8	**A5536.8**
6.90	0.2716	48	87	36	8	**A5536.9**
7.00	0.2755	48	87	36	8	**A5537.0**
7.30	0.2874	53	94	36	8	**A5537.3**
7.40	0.2913	54	94	36	8	**A5537.4**
7.50	0.2952	54	94	36	8	**A5537.5**
7.80	0.3070	56	94	36	8	**A5537.8**
7.90	0.3110	57	94	36	8	**A5537.9**
8.00	0.3149	58	94	36	8	**A5538.0**
8.50	0.3346	75	130	40	10	**A5538.5**
8.70	0.3425	75	130	40	10	**A5538.7**
9.00	0.3543	75	130	40	10	**A5539.0**
9.40	0.3700	75	130	40	10	**A5539.4**
9.50	0.3740	75	130	40	10	**A5539.5**
10.00	0.3937	75	130	40	10	**A55310.0**
10.20	0.4015	87	150	45	12	**A55310.2**
10.30	0.4055	87	150	45	12	**A55310.3**
10.50	0.4133	87	150	45	12	**A55310.5**
10.80	0.4251	94	150	45	12	**A55310.8**
11.00	0.4330	94	150	45	12	**A55311.0**
11.30	0.4448	94	150	45	12	**A55311.3**
11.50	0.4527	94	150	45	12	**A55311.5**

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Øh6 mm	e-Code
12.00	0.4724	94	150	45	12	**A55312.0**
12.50	0.4921	101	160	45	14	**A55312.5**
13.00	0.5118	101	160	45	14	**A55313.0**
13.10	0.5157	101	160	45	14	**A55313.1**
13.25	0.5216	101	160	45	14	**A55313.25**
13.50	0.5314	101	160	45	14	**A55313.5**
13.75	0.5413	101	160	45	14	**A55313.75**
14.00	0.5511	101	160	45	14	**A55314.0**
14.25	0.5610	108	170	48	16	**A55314.25**
14.50	0.5708	108	170	48	16	**A55314.5**
14.75	0.5807	108	170	48	16	**A55314.75**
15.00	0.5905	108	170	48	16	**A55315.0**
15.10	0.5944	108	170	48	16	**A55315.1**
15.25	0.6003	108	170	48	16	**A55315.25**
15.50	0.6102	108	170	48	16	**A55315.5**
15.75	0.6200	108	170	48	16	**A55315.75**
16.00	0.6299	108	170	48	16	**A55316.0**
16.25	0.6397	125	190	48	18	**A55316.25**
16.50	0.6496	125	190	48	18	**A55316.5**
16.75	0.6594	125	190	48	18	**A55316.75**
17.00	0.6692	125	190	48	18	**A55317.0**
17.25	0.6791	130	190	48	18	**A55317.25**
17.50	0.6889	130	190	48	18	**A55317.5**
17.75	0.6988	130	190	48	18	**A55317.75**
18.00	0.7086	130	190	48	18	**A55318.0**
18.25	0.7185	135	200	50	20	**A55318.25**
18.50	0.7283	135	200	50	20	**A55318.5**
18.75	0.7381	135	200	50	20	**A55318.75**
19.00	0.7480	135	200	50	20	**A55319.0**
19.25	0.7578	140	200	50	20	**A55319.25**
19.50	0.7677	140	200	50	20	**A55319.5**
19.75	0.7775	140	200	50	20	**A55319.75**
20.00	0.7874	140	200	50	20	**A55320.0**

A554

- ADX vrták
- Burghiu ADX
- ADX Csigafúró
- Сверло ADX
- Wiertłotypu ADX
- ADX sveder spiralni

ADX

A554

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.1 6.2 6.3 7.2 7.3 7.4 8.1

● 2.3 4.2 4.3 5.1 5.2 5.3 6.1 6.4 7.1

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $Øh_6$ mm	e-Code
5.00	0.1968	36	79	36	6	A5545.0
5.10	0.2007	37	79	36	6	A5545.1
5.20	0.2047	38	79	36	6	A5545.2
5.30	0.2086	38	79	36	6	A5545.3
5.50	0.2165	40	79	36	6	A5545.5
5.60	0.2204	41	79	36	6	A5545.6
5.80	0.2283	42	79	36	6	A5545.8
5.90	0.2322	43	79	36	6	A5545.9
6.00	0.2362	43	79	36	6	A5546.0
6.30	0.2480	46	87	36	8	A5546.3
6.50	0.2559	47	87	36	8	A5546.5
6.60	0.2598	48	87	36	8	A5546.6
6.80	0.2677	48	87	36	8	A5546.8
6.90	0.2716	48	87	36	8	A5546.9
7.00	0.2755	48	87	36	8	A5547.0
7.30	0.2874	53	94	36	8	A5547.3
7.40	0.2913	54	94	36	8	A5547.4
7.50	0.2952	54	94	36	8	A5547.5
7.80	0.3070	56	94	36	8	A5547.8
7.90	0.3110	57	94	36	8	A5547.9
8.00	0.3149	58	94	36	8	A5548.0
8.50	0.3346	75	130	40	10	A5548.5
8.70	0.3425	75	130	40	10	A5548.7
9.00	0.3543	75	130	40	10	A5549.0
9.40	0.3700	75	130	40	10	A5549.4
9.50	0.3740	75	130	40	10	A5549.5
10.00	0.3937	75	130	40	10	A55410.0
10.20	0.4015	87	150	45	12	A55410.2
10.30	0.4055	87	150	45	12	A55410.3
10.50	0.4133	87	150	45	12	A55410.5
10.80	0.4251	94	150	45	12	A55410.8
11.00	0.4330	94	150	45	12	A55411.0
11.30	0.4448	94	150	45	12	A55411.3
11.50	0.4527	94	150	45	12	A55411.5
11.80	0.4646	94	150	45	12	A55411.8
12.00	0.4724	94	150	45	12	A55412.0
12.50	0.4921	101	160	45	14	A55412.5
13.00	0.5118	101	160	45	14	A55413.0
13.10	0.5157	101	160	45	14	A55413.1
13.25	0.5216	101	160	45	14	A55413.25
13.50	0.5314	101	160	45	14	A55413.5
13.75	0.5413	101	160	45	14	A55413.75
14.00	0.5511	101	160	45	14	A55414.0
14.25	0.5610	108	170	48	16	A55414.25

d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 $Øh_6$ mm	e-Code
14.50	0.5708	108	170	48	16	A55414.5
14.75	0.5807	108	170	48	16	A55414.75
15.00	0.5905	108	170	48	16	A55415.0
15.10	0.5944	108	170	48	16	A55415.1
15.25	0.6003	108	170	48	16	A55415.25
15.50	0.6102	108	170	48	16	A55415.5
15.75	0.6200	108	170	48	16	A55415.75
16.00	0.6299	108	170	48	16	A55416.0
16.25	0.6397	125	190	48	18	A55416.25
16.50	0.6496	125	190	48	18	A55416.5
16.75	0.6594	125	190	48	18	A55416.75
17.00	0.6692	125	190	48	18	A55417.0
17.25	0.6791	130	190	48	18	A55417.25
17.50	0.6889	130	190	48	18	A55417.5
17.75	0.6988	130	190	48	18	A55417.75
18.00	0.7086	130	190	48	18	A55418.0
18.25	0.7185	135	200	50	20	A55418.25
18.50	0.7283	135	200	50	20	A55418.5
18.75	0.7381	135	200	50	20	A55418.75
19.00	0.7480	135	200	50	20	A55419.0
19.25	0.7578	140	200	50	20	A55419.25
19.50	0.7677	140	200	50	20	A55419.5
19.75	0.7775	140	200	50	20	A55419.75
20.00	0.7874	140	200	50	20	A55420.0
20.50	0.8070	141	219	56	25	A55420.5
20.75	0.8169	141	219	56	25	A55420.75
21.00	0.8267	141	219	56	25	A55421.0
21.50	0.8464	148	226	56	25	A55421.5
22.00	0.8661	148	226	56	25	A55422.0
22.25	0.8759	155	233	56	25	A55422.25
22.50	0.8858	155	233	56	25	A55422.5
23.00	0.9055	155	233	56	25	A55423.0
23.25	0.9153	162	240	56	25	A55423.25
23.50	0.9251	162	240	56	25	A55423.5
24.00	0.9448	162	240	56	25	A55424.0
24.50	0.9645	168	240	56	25	A55424.5
25.00	0.9842	168	246	56	25	A55425.0
26.00	1.0236	175	257	60	32	A55426.0
26.50	1.0433	182	264	60	32	A55426.5
27.00	1.0629	182	264	60	32	A55427.0
28.00	1.1023	189	271	60	32	A55428.0
29.00	1.1417	195	277	60	32	A55429.0
29.50	1.1614	202	284	60	32	A55429.5
30.00	1.1811	202	284	60	32	A55430.0

A907

DORMER

- PFX vrták základní délka
- Burghiu lung PFX
- PFX Csigafúró
- Спиральное сверло PFX, короткое исполнение
- Wiertłotypu PFX
- PFX sveder spiralni

PFX

A907

■ 1.3 1.4 1.5 1.6 2.2 4.1 4.2 4.3 5.1 5.2 5.3 7.2

● 1.1 1.2 2.1 2.3 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.1 7.3 7.4 8.1 8.2

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	12	34	A9071.0
	1.10	0.0433	14	36	A9071.1
	1.20	0.0472	16	38	A9071.2
	1.30	0.0511	16	38	A9071.3
	1.40	0.0551	18	40	A9071.4
	1.50	0.0590	18	40	A9071.5
1/16	1.59	0.0625	20	43	A9071/16
	1.60	0.0629	20	43	A9071.6
	1.70	0.0669	20	43	A9071.7
	1.80	0.0708	22	46	A9071.8
	1.90	0.0748	22	46	A9071.9
5/64	1.98	0.0779	24	49	A9075/64
	2.00	0.0787	24	49	A9072.0
	2.10	0.0826	24	49	A9072.1
	2.20	0.0866	27	53	A9072.2
	2.30	0.0905	27	53	A9072.3
3/32	2.38	0.0937	30	57	A9073/32
	2.40	0.0944	30	57	A9072.4
	2.50	0.0984	30	57	A9072.5
	2.60	0.1023	30	57	A9072.6
	2.70	0.1062	33	61	A9072.7
7/64	2.78	0.1094	33	61	A9077/64
	2.80	0.1102	33	61	A9072.8
	2.90	0.1141	33	61	A9072.9
	3.00	0.1181	33	61	A9073.0
	3.10	0.1220	36	65	A9073.1
1/8	3.18	0.1251	36	65	A9071/8
	3.20	0.1259	36	65	A9073.2
	3.30	0.1299	36	65	A9073.3
	3.40	0.1338	39	70	A9073.4
	3.50	0.1377	39	70	A9073.5
9/64	3.57	0.1405	39	70	A9079/64
	3.60	0.1417	39	70	A9073.6
	3.70	0.1456	39	70	A9073.7
	3.80	0.1496	43	75	A9073.8
	3.90	0.1535	43	75	A9073.9
5/32	3.97	0.1562	43	75	A9075/32
	4.00	0.1574	43	75	A9074.0
	4.10	0.1614	43	75	A9074.1
	4.20	0.1653	43	75	A9074.2
	4.30	0.1692	47	80	A9074.3
11/64	4.37	0.1720	47	80	A90711/64
	4.40	0.1732	47	80	A9074.4
	4.50	0.1771	47	80	A9074.5

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.60	0.1811	47	80	A9074.6
	4.70	0.1850	47	80	A9074.7
3/16	4.76	0.1874	52	86	A9073/16
	4.80	0.1889	52	86	A9074.8
	4.90	0.1929	52	86	A9074.9
	5.00	0.1968	52	86	A9075.0
	5.10	0.2007	52	86	A9075.1
N7	5.11	0.2010	52	86	A907N7
13/64	5.16	0.2031	52	86	A90713/64
	5.20	0.2047	52	86	A9075.2
	5.30	0.2086	52	86	A9075.3
	5.40	0.2125	57	93	A9075.4
	5.50	0.2165	57	93	A9075.5
7/32	5.56	0.2188	57	93	A9077/32
	5.60	0.2204	57	93	A9075.6
	5.70	0.2244	57	93	A9075.7
	5.80	0.2283	57	93	A9075.8
	5.90	0.2322	57	93	A9075.9
15/64	5.95	0.2342	57	93	A90715/64
	6.00	0.2362	57	93	A9076.0
	6.10	0.2401	63	101	A9076.1
	6.20	0.2440	63	101	A9076.2
	6.30	0.2480	63	101	A9076.3
1/4	6.35	0.2500	63	101	A9071/4
	6.40	0.2519	63	101	A9076.4
	6.50	0.2559	63	101	A9076.5
F	6.53	0.2570	63	101	A907F
	6.60	0.2598	63	101	A9076.6
	6.70	0.2637	63	101	A9076.7
17/64	6.75	0.2657	69	109	A90717/64
	6.80	0.2677	69	109	A9076.8
	6.90	0.2716	69	109	A9076.9
I	6.91	0.2720	69	109	A907I
	7.00	0.2755	69	109	A9077.0
	7.10	0.2795	69	109	A9077.1
9/32	7.14	0.2811	69	109	A9079/32
	7.20	0.2834	69	109	A9077.2
	7.30	0.2874	69	109	A9077.3
	7.40	0.2913	69	109	A9077.4
	7.50	0.2952	69	109	A9077.5
19/64	7.54	0.2968	75	117	A90719/64
	7.60	0.2992	75	117	A9077.6
	7.70	0.3031	75	117	A9077.7
	7.80	0.3070	75	117	A9077.8

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	7.90	0.3110	75	117	**A9077.9**
5/16	7.94	0.3125	75	117	**A9075/16**
	8.00	0.3149	75	117	**A9078.0**
	8.10	0.3188	75	117	**A9078.1**
	8.20	0.3228	75	117	**A9078.2**
	8.30	0.3267	75	117	**A9078.3**
21/64	8.33	0.3279	75	117	**A90721/64**
	8.40	0.3307	75	117	**A9078.4**
Q	8.43	0.3320	75	117	**A907Q**
	8.50	0.3346	75	117	**A9078.5**
	8.60	0.3385	81	125	**A9078.6**
R	8.61	0.3390	75	117	**A907R**
	8.70	0.3425	81	125	**A9078.7**
11/32	8.73	0.3437	81	125	**A90711/32**
	8.80	0.3464	81	125	**A9078.8**
	8.90	0.3503	81	125	**A9078.9**
	9.00	0.3543	81	125	**A9079.0**
	9.10	0.3582	81	125	**A9079.1**
23/64	9.13	0.3594	81	125	**A90723/64**
	9.20	0.3622	81	125	**A9079.2**
	9.30	0.3661	81	125	**A9079.3**
	9.40	0.3700	81	125	**A9079.4**
	9.50	0.3740	81	125	**A9079.5**
3/8	9.53	0.3751	87	133	**A9073/8**
	9.60	0.3779	87	133	**A9079.6**
	9.70	0.3818	87	133	**A9079.7**
	9.80	0.3858	87	133	**A9079.8**
	9.90	0.3897	87	133	**A9079.9**
25/64	9.92	0.3905	87	133	**A90725/64**
	10.00	0.3937	87	133	**A90710.0**
	10.20	0.4015	87	133	**A90710.2**
	10.30	0.4055	87	133	**A90710.3**

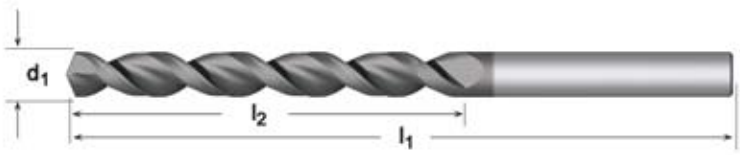
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
13/32	10.32	0.4062	87	133	**A90713/32**
	10.40	0.4094	87	133	**A90710.4**
	10.50	0.4133	87	133	**A90710.5**
27/64	10.72	0.4220	97	142	**A90727/64** [1]
	10.80	0.4251	97	142	**A90710.8** [1]
	11.00	0.4330	97	142	**A90711.0** [1]
7/16	11.11	0.4374	97	142	**A9077/16** [1]
	11.20	0.4409	97	142	**A90711.2** [1]
	11.50	0.4527	97	142	**A90711.5** [1]
29/64	11.51	0.4531	97	142	**A90729/64** [1]
	11.80	0.4645	97	142	**A90711.8** [1]
15/32	11.91	0.4688	106	151	**A90715/32** [1]
	12.00	0.4724	106	151	**A90712.0** [1]
	12.20	0.4803	106	151	**A90712.2** [1]
31/64	12.30	0.4842	106	151	**A90731/64** [1]
	12.50	0.4921	106	151	**A90712.5** [1]
1/2	12.70	0.5000	106	151	**A9071/2** [1]
	12.80	0.5039	106	151	**A90712.8** [1]
	13.00	0.5118	106	151	**A90713.0** [1]
	13.50	0.5314	115	160	**A90713.5** [1]
	14.00	0.5511	115	160	**A90714.0** [1]
	14.50	0.5708	121	169	**A90714.5** [1]
	15.00	0.5905	121	169	**A90715.0** [1]
	15.50	0.6102	130	178	**A90715.5** [1]
	16.00	0.6299	130	178	**A90716.0** [1]
	17.00	0.6693	138	184	**A90717.0** [1]
	17.50	0.6890	145	191	**A90717.5** [1]
	18.00	0.7087	150	198	**A90718.0** [1] [2]
	19.00	0.7480	158	205	**A90719.0** [1] [2]
	20.00	0.7874	162	215	**A90720.0** [1] [2]

[1] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

[2] Celková délka delší než standard / Teljes hossz: standardnál hosszabb / Długość calkowita wieksza niz standardowa / Lungimea totala mai mare ca standardul. / Общая длина стружечной канавки больше стандартной / Celotna dolžina daljša kot standardna

A577

- PFX vrták základní délka
- Burghiu lung PFX
- PFX Csigafúró
- Спиральное сверло PFX, короткое исполнение
- Wiertłotypu PFX
- PFX sveder spiralni



PFX

A577

■ 1.3 1.4 1.5 1.6 2.2 3.1 3.2 3.3 3.4 7.4

● 1.1 1.2 2.1 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.3 6.4

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.50	0.0590	18	40	A5771.5
2.00	0.0787	24	49	A5772.0
2.50	0.0984	30	57	A5772.5
2.60	0.1023	30	57	A5772.6
3.00	0.1181	33	61	A5773.0
3.10	0.1220	36	65	A5773.1
3.20	0.1259	36	65	A5773.2
3.30	0.1299	36	65	A5773.3
3.40	0.1338	39	70	A5773.4
3.50	0.1377	39	70	A5773.5
3.60	0.1417	39	70	A5773.6
3.70	0.1456	39	70	A5773.7
3.80	0.1496	43	75	A5773.8
3.90	0.1535	43	75	A5773.9
4.00	0.1574	43	75	A5774.0
4.10	0.1614	43	75	A5774.1
4.20	0.1653	43	75	A5774.2
4.30	0.1692	47	80	A5774.3
4.40	0.1732	47	80	A5774.4
4.50	0.1771	47	80	A5774.5
4.60	0.1811	47	80	A5774.6
4.70	0.1850	47	80	A5774.7
4.80	0.1889	52	86	A5774.8
4.90	0.1929	52	86	A5774.9
5.00	0.1968	52	86	A5775.0
5.10	0.2007	52	86	A5775.1
5.20	0.2047	52	86	A5775.2
5.30	0.2086	52	86	A5775.3
5.40	0.2125	57	93	A5775.4
5.50	0.2165	57	93	A5775.5
5.60	0.2204	57	93	A5775.6
5.70	0.2244	57	93	A5775.7
5.80	0.2283	57	93	A5775.8
5.90	0.2322	57	93	A5775.9
6.00	0.2362	57	93	A5776.0
6.10	0.2401	63	101	A5776.1
6.20	0.2440	63	101	A5776.2
6.30	0.2480	63	101	A5776.3
6.40	0.2519	63	101	A5776.4
6.50	0.2559	63	101	A5776.5
6.60	0.2598	63	101	A5776.6
6.70	0.2637	63	101	A5776.7

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
6.80	0.2677	69	109	A5776.8
6.90	0.2716	69	109	A5776.9
7.00	0.2755	69	109	A5777.0
7.10	0.2795	69	109	A5777.1
7.20	0.2834	69	109	A5777.2
7.30	0.2874	69	109	A5777.3
7.40	0.2913	69	109	A5777.4
7.50	0.2952	69	109	A5777.5
7.60	0.2992	75	117	A5777.6
7.70	0.3031	75	117	A5777.7
7.80	0.3070	75	117	A5777.8
7.90	0.3110	75	117	A5777.9
8.00	0.3149	75	117	A5778.0
8.10	0.3188	75	117	A5778.1
8.20	0.3228	75	117	A5778.2
8.30	0.3267	75	117	A5778.3
8.40	0.3307	75	117	A5778.4
8.50	0.3346	75	117	A5778.5
8.60	0.3385	81	125	A5778.6
8.70	0.3425	81	125	A5778.7
8.80	0.3464	81	125	A5778.8
8.90	0.3503	81	125	A5778.9
9.00	0.3543	81	125	A5779.0
9.10	0.3582	81	125	A5779.1
9.20	0.3622	81	125	A5779.2
9.30	0.3661	81	125	A5779.3
9.40	0.3700	81	125	A5779.4
9.50	0.3740	81	125	A5779.5
9.60	0.3779	87	133	A5779.6
9.70	0.3818	87	133	A5779.7
9.80	0.3858	87	133	A5779.8
9.90	0.3897	87	133	A5779.9
10.00	0.3937	87	133	A57710.0
10.20	0.4015	87	133	A57710.2
10.30	0.4055	87	133	A57710.3
10.40	0.4094	87	133	A57710.4
10.50	0.4133	87	133	A57710.5
10.80	0.4251	94	142	A57710.8
11.00	0.4330	97	142	A57711.0 [1)]
11.20	0.4409	97	142	A57711.2 [1)]
11.50	0.4527	97	142	A57711.5 [1)]
11.80	0.4645	97	142	A57711.8 [1)]

[1)] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A577

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
12.00	0.4724	106	151	**A57712.0**	1)
12.20	0.4803	106	151	**A57712.2**	1)
12.50	0.4921	106	151	**A57712.5**	1)
12.80	0.5039	106	151	**A57712.8**	1)
13.00	0.5118	106	151	**A57713.0**	1)
13.50	0.5314	115	160	**A57713.5**	1)

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
14.00	0.5511	115	160	**A57714.0**	1)
14.50	0.5708	121	169	**A57714.5**	1)
15.00	0.5905	121	169	**A57715.0**	1)
15.50	0.6102	130	178	**A57715.5**	1)
16.00	0.6299	130	178	**A57716.0**	1)

1) Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A166

- Vrtáky s kuželovou stopkou
- Burghiu cu coada Morse
- Keményfém betétes kúpos szárú csigafúró
- Спиральное сверло с конусом Морзе
- Wiertłoz chwytem stożkowym
- sveder z MK držalom

A166

■ 3.1 3.2 3.3 3.4

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
10.00	0.3937	87	168	1	**A16610.0**
10.50	0.4133	87	168	1	**A16610.5**
11.00	0.4330	94	175	1	**A16611.0**
11.50	0.4527	94	175	1	**A16611.5**
12.00	0.4724	101	182	1	**A16612.0**
13.00	0.5118	101	182	1	**A16613.0**
13.50	0.5314	108	189	1	**A16613.5**
14.00	0.5511	108	189	1	**A16614.0**
15.00	0.5905	114	212	2	**A16615.0**
16.00	0.6299	120	218	2	**A16616.0**
17.00	0.6692	125	223	2	**A16617.0**
17.50	0.6889	130	228	2	**A16617.5**
18.00	0.7086	130	228	2	**A16618.0**
19.00	0.7480	135	233	2	**A16619.0**

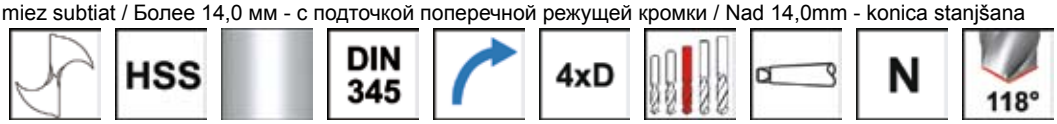
d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
20.00	0.7874	140	238	2	**A16620.0**
21.00	0.8267	145	243	2	**A16621.0**
22.00	0.8661	150	248	2	**A16622.0**
22.50	0.8858	155	253	2	**A16622.5**
23.00	0.9055	155	253	2	**A16623.0**
24.00	0.9448	160	281	3	**A16624.0**
25.00	0.9842	160	281	3	**A16625.0**
26.00	1.0236	165	286	3	**A16626.0**
27.00	1.0629	170	291	3	**A16627.0**
28.00	1.1023	170	291	3	**A16628.0**
29.00	1.1417	175	296	3	**A16629.0**
30.00	1.1811	175	296	3	**A16630.0**
32.00	1.2598	185	334	4	**A16632.0**
33.00	1.2992	185	334	4	**A16633.0**

A134

- Vrtáky s kuželovou stopkou
- Kúpos Szárú Csigafúró
- Wiertłoz chwytem stożkowym
- Burghiu cu coada Morse
- Спиральное сверло с конусом Морзе
- sveder z MK držalom

A134

nad 14,0 mm - podbroušená špička / 14,0 mm felett - vékonyított élgeometria / Powyzej 14,0mm- Pocieniony rdzen / Peste 14,0 mm miez subtiat / Более 14,0 мм - с подточкой поперечной режущей кромки / Nad 14,0mm - konica stanjšana



■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 8.2 8.3 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
10.00	0.3937	87	168	1	**A13410.0**
10.20	0.4016	87	168	1	**A13410.2**
10.50	0.4134	87	168	1	**A13410.5**
11.00	0.4331	94	175	1	**A13411.0**
11.50	0.4528	94	175	1	**A13411.5**
12.00	0.4724	101	182	1	**A13412.0**
12.50	0.4921	101	182	1	**A13412.5**
13.00	0.5118	101	182	1	**A13413.0**
13.50	0.5315	108	189	1	**A13413.5**
14.00	0.5512	108	189	1	**A13414.0**
14.50	0.5709	114	212	2	**A13414.5**
15.00	0.5906	114	212	2	**A13415.0**
15.50	0.6102	120	218	2	**A13415.5**
16.00	0.6299	120	218	2	**A13416.0**
16.50	0.6496	125	223	2	**A13416.5**
17.00	0.6693	125	223	2	**A13417.0**
17.50	0.6890	130	228	2	**A13417.5**
18.00	0.7087	130	228	2	**A13418.0**
18.50	0.7283	135	233	2	**A13418.5**
19.00	0.7480	135	233	2	**A13419.0**
19.50	0.7677	140	238	2	**A13419.5**
20.00	0.7913	140	238	2	**A13420.0**
20.50	0.8071	145	243	2	**A13420.5**
21.00	0.8268	145	243	2	**A13421.0**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
21.50	0.8465	150	248	2	**A13421.5**
22.00	0.8661	150	248	2	**A13422.0**
22.50	0.8858	155	253	2	**A13422.5**
23.00	0.9055	155	253	2	**A13423.0**
23.50	0.9252	155	276	3	**A13423.5**
24.00	0.9449	160	281	3	**A13424.0**
24.50	0.9646	160	281	3	**A13424.5**
25.00	0.9843	160	281	3	**A13425.0**
25.50	1.0039	165	286	3	**A13425.5**
26.00	1.0236	165	286	3	**A13426.0**
26.50	1.0433	165	286	3	**A13426.5**
27.00	1.0630	170	291	3	**A13427.0**
27.50	1.0827	170	291	3	**A13427.5**
28.00	1.1024	170	291	3	**A13428.0**
28.50	1.1220	175	296	3	**A13428.5**
29.00	1.1417	175	296	3	**A13429.0**
29.50	1.1614	175	296	3	**A13429.5**
30.00	1.1811	175	296	3	**A13430.0**
30.50	1.2008	180	301	3	**A13430.5**
31.00	1.2205	180	301	3	**A13431.0**
31.50	1.2402	180	301	3	**A13431.5**
32.00	1.2598	185	334	4	**A13432.0**

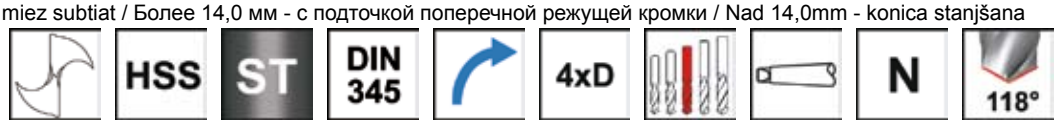
A130

DORMER

- Vrtáky s kuželovou stopkou
- Kúpos Szárú Csigafúró
- Wiertłoz chwytem stożkowym
- Burghiu cu coada Morse
- Спиральное сверло с конусом Морзе
- sveder z MK držalom

A130

nad 14,0 mm - podbroušená špička / 14,0 mm felett - vékonyított élgeometria / Powyzej 14,0mm- Pocieniony rdzen / Peste 14,0 mm miez subtiat / Более 14,0 мм - с подточкой поперечной режущей кромки / Nad 14,0mm - konica stanjšana



■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	2.00	0.0787	24	105	1	**A1302.0**
	2.50	0.0984	30	111	1	**A1302.5**
	3.00	0.1181	33	114	1	**A1303.0**
1/8	3.18	0.1251	36	117	1	**A1301/8**
	3.20	0.1259	36	117	1	**A1303.2**
	3.25	0.1279	36	117	1	**A1303.25**
	3.30	0.1299	36	117	1	**A1303.3**
	3.50	0.1377	39	120	1	**A1303.5**
9/64	3.57	0.1405	39	120	1	**A1309/64**
	3.75	0.1476	39	120	1	**A1303.75**
5/32	3.97	0.1562	43	124	1	**A1305/32**
	4.00	0.1574	43	124	1	**A1304.0**
	4.10	0.1614	43	124	1	**A1304.1**
	4.20	0.1653	43	124	1	**A1304.2**
	4.25	0.1673	43	124	1	**A1304.25**
11/64	4.37	0.1720	47	128	1	**A13011/64**
	4.50	0.1771	47	128	1	**A1304.5**
	4.75	0.1870	52	128	1	**A1304.75**
3/16	4.76	0.1874	52	133	1	**A1303/16**
	4.80	0.1889	52	133	1	**A1304.8**
	4.90	0.1929	52	133	1	**A1304.9**
	5.00	0.1968	52	133	1	**A1305.0**
	5.10	0.2007	52	133	1	**A1305.1**
13/64	5.16	0.2031	52	133	1	**A13013/64**
	5.20	0.2047	52	133	1	**A1305.2**
	5.25	0.2066	52	133	1	**A1305.25**
	5.40	0.2125	57	138	1	**A1305.4**
	5.50	0.2165	57	138	1	**A1305.5**
7/32	5.56	0.2188	57	138	1	**A1307/32**
	5.70	0.2244	57	138	1	**A1305.7**
	5.75	0.2263	57	138	1	**A1305.75**
	5.80	0.2283	57	138	1	**A1305.8**
	5.90	0.2322	57	138	1	**A1305.9**
15/64	5.95	0.2342	57	138	1	**A13015/64**
	6.00	0.2362	57	138	1	**A1306.0**
	6.10	0.2401	63	144	1	**A1306.1**
	6.20	0.2440	63	144	1	**A1306.2**
	6.25	0.2460	63	144	1	**A1306.25**
	6.30	0.2480	63	144	1	**A1306.3**
1/4	6.35	0.2500	63	144	1	**A1301/4**
	6.40	0.2519	63	144	1	**A1306.4**
	6.50	0.2559	63	144	1	**A1306.5**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	6.60	0.2598	63	144	1	**A1306.6**
	6.70	0.2637	63	144	1	**A1306.7**
17/64	6.75	0.2657	69	150	1	**A13017/64**
	6.75	0.2657	69	150	1	**A1306.75**
	6.80	0.2677	69	150	1	**A1306.8**
	6.90	0.2716	69	150	1	**A1306.9**
	7.00	0.2755	69	150	1	**A1307.0**
9/32	7.14	0.2811	69	150	1	**A1309/32**
	7.20	0.2834	69	150	1	**A1307.2**
	7.25	0.2854	69	150	1	**A1307.25**
	7.30	0.2874	69	150	1	**A1307.3**
	7.40	0.2913	69	150	1	**A1307.4**
	7.50	0.2952	69	150	1	**A1307.5**
19/64	7.54	0.2968	75	156	1	**A13019/64**
	7.70	0.3031	75	156	1	**A1307.7**
	7.75	0.3051	75	156	1	**A1307.75**
	7.80	0.3070	75	156	1	**A1307.8**
	7.90	0.3110	75	156	1	**A1307.9**
5/16	7.94	0.3125	75	156	1	**A1305/16**
	8.00	0.3149	75	156	1	**A1308.0**
	8.10	0.3188	75	156	1	**A1308.1**
	8.20	0.3228	75	156	1	**A1308.2**
	8.25	0.3248	75	156	1	**A1308.25**
	8.30	0.3267	75	156	1	**A1308.3**
21/64	8.33	0.3279	75	156	1	**A13021/64**
	8.40	0.3307	75	156	1	**A1308.4**
	8.50	0.3346	75	156	1	**A1308.5**
	8.60	0.3385	81	162	1	**A1308.6**
	8.70	0.3425	81	162	1	**A1308.7**
11/32	8.73	0.3437	81	162	1	**A13011/32**
	8.75	0.3444	81	162	1	**A1308.75**
	8.80	0.3464	81	162	1	**A1308.8**
	8.90	0.3503	81	162	1	**A1308.9**
	9.00	0.3543	81	162	1	**A1309.0**
	9.10	0.3582	81	162	1	**A1309.1**
23/64	9.13	0.3594	81	162	1	**A13023/64**
	9.20	0.3622	81	162	1	**A1309.2**
	9.25	0.3641	81	162	1	**A1309.25**
	9.30	0.3661	81	162	1	**A1309.3**
	9.50	0.3740	81	162	1	**A1309.5**
3/8	9.53	0.3751	87	168	1	**A1303/8**
	9.60	0.3779	87	168	1	**A1309.6**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	9.70	0.3818	87	168	1	**A1309.7**
	9.75	0.3838	87	168	1	**A1309.75**
	9.80	0.3858	87	168	1	**A1309.8**
	9.90	0.3897	87	168	1	**A1309.9**
25/64	9.92	0.3905	87	168	1	**A13025/64**
	10.00	0.3937	87	168	1	**A13010.0**
	10.10	0.3976	87	168	1	**A13010.1**
	10.20	0.4015	87	168	1	**A13010.2**
	10.25	0.4035	87	168	1	**A13010.25**
	10.30	0.4055	87	168	1	**A13010.3**
13/32	10.32	0.4062	87	168	1	**A13013/32**
	10.50	0.4133	87	168	1	**A13010.5**
27/64	10.72	0.4220	94	175	1	**A13027/64**
	10.75	0.4232	94	175	1	**A13010.75**
	10.80	0.4251	94	175	1	**A13010.8**
	10.90	0.4291	94	175	1	**A13010.9**
	11.00	0.4330	94	175	1	**A13011.0**
	11.10	0.4370	94	175	1	**A13011.1**
7/16	11.11	0.4374	94	175	1	**A1307/16**
	11.20	0.4409	94	175	1	**A13011.2**
	11.25	0.4429	94	175	1	**A13011.25**
	11.30	0.4448	94	175	1	**A13011.3**
	11.40	0.4488	94	175	1	**A13011.4**
	11.50	0.4527	94	175	1	**A13011.5**
29/64	11.51	0.4531	94	175	1	**A13029/64**
	11.60	0.4566	94	175	1	**A13011.6**
	11.70	0.4606	94	175	1	**A13011.7**
	11.75	0.4625	94	175	1	**A13011.75**
	11.80	0.4645	94	175	1	**A13011.8**
	11.90	0.4685	101	182	1	**A13011.9**
15/32	11.91	0.4688	101	182	1	**A13015/32**
	12.00	0.4724	101	182	1	**A13012.0**
	12.10	0.4763	101	182	1	**A13012.1**
	12.20	0.4803	101	182	1	**A13012.2**
	12.25	0.4822	101	182	1	**A13012.25**
31/64	12.30	0.4842	101	182	1	**A13031/64**
	12.30	0.4842	101	182	1	**A13012.3**
	12.40	0.4881	101	182	1	**A13012.4**
	12.50	0.4921	101	182	1	**A13012.5**
	12.60	0.4960	101	182	1	**A13012.6**
	12.70	0.5000	101	182	1	**A13012.7**
1/2	12.70	0.5000	101	182	1	**A1301/2**
	12.75	0.5019	101	182	1	**A13012.75**
	12.80	0.5039	101	182	1	**A13012.8**
	12.90	0.5078	101	182	1	**A13012.9**
	13.00	0.5118	101	182	1	**A13013.0**
33/64	13.10	0.5157	101	182	1	**A13033/64**
	13.20	0.5196	101	182	1	**A13013.2**
	13.25	0.5216	108	189	1	**A13013.25**
17/32	13.49	0.5311	108	189	1	**A13017/32**
	13.50	0.5314	108	189	1	**A13013.5**
	13.60	0.5354	108	189	1	**A13013.6**
	13.70	0.5393	108	189	1	**A13013.7**
	13.75	0.5413	108	189	1	**A13013.75**
	13.80	0.5433	108	189	1	**A13013.8**
35/64	13.89	0.5468	108	189	1	**A13035/64**
	13.90	0.5472	108	189	1	**A13013.9**
	14.00	0.5511	108	189	1	**A13014.0**
	14.10	0.5551	114	212	2	**A13014.1**
	14.20	0.5590	114	212	2	**A13014.2**
	14.25	0.5610	114	212	2	**A13014.25**
9/16	14.29	0.5625	114	212	2	**A1309/16**
	14.30	0.5629	114	212	2	**A13014.3**
	14.40	0.5669	114	212	2	**A13014.4**
	14.50	0.5708	114	212	2	**A13014.5**
	14.60	0.5748	114	212	2	**A13014.6**
37/64	14.68	0.5779	114	212	2	**A13037/64**
	14.70	0.5787	114	212	2	**A13014.7**
	14.75	0.5807	114	212	2	**A13014.75**
	14.80	0.5826	114	212	2	**A13014.8**
	14.90	0.5866	114	212	2	**A13014.9**
	15.00	0.5905	114	212	2	**A13015.0**
19/32	15.08	0.5937	120	218	2	**A13019/32**
	15.10	0.5944	120	218	2	**A13015.1**
	15.20	0.5984	120	218	2	**A13015.2**
	15.25	0.6003	120	218	2	**A13015.25**
39/64	15.48	0.6094	120	218	2	**A13039/64**
	15.50	0.6102	120	218	2	**A13015.5**
	15.70	0.6181	120	218	2	**A13015.7**
	15.75	0.6200	120	218	2	**A13015.75**
	15.80	0.6220	120	218	2	**A13015.8**
5/8	15.88	0.6251	120	218	2	**A1305/8**
	15.90	0.6259	120	218	2	**A13015.9**
	16.00	0.6299	120	218	2	**A13016.0**
	16.10	0.6338	125	223	2	**A13016.1**
	16.20	0.6377	125	223	2	**A13016.2**
	16.25	0.6397	125	223	2	**A13016.25**
41/64	16.27	0.6405	125	223	2	**A13041/64**
	16.50	0.6496	125	223	2	**A13016.5**
21/32	16.67	0.6562	125	223	2	**A13021/32**
	16.75	0.6594	125	223	2	**A13016.75**
	17.00	0.6692	125	223	2	**A13017.0**
43/64	17.07	0.6720	130	228	2	**A13043/64**
	17.25	0.6791	130	228	2	**A13017.25**
11/16	17.46	0.6874	130	228	2	**A13011/16**
	17.50	0.6889	130	228	2	**A13017.5**
	17.75	0.6988	130	228	2	**A13017.75**
45/64	17.86	0.7031	130	228	2	**A13045/64**
	18.00	0.7086	130	228	2	**A13018.0**
	18.25	0.7185	135	233	2	**A13018.25**
23/32	18.26	0.7188	135	233	2	**A13023/32**
	18.50	0.7283	135	233	2	**A13018.5**
47/64	18.65	0.7342	135	233	2	**A13047/64**
	18.75	0.7381	135	233	2	**A13018.75**
	19.00	0.7480	135	233	2	**A13019.0**
3/4	19.05	0.7500	140	238	2	**A1303/4**
	19.25	0.7578	140	238	2	**A13019.25**
49/64	19.45	0.7657	140	238	2	**A13049/64**
	19.50	0.7677	140	238	2	**A13019.5**
	19.75	0.7775	140	238	2	**A13019.75**
25/32	19.84	0.7811	140	238	2	**A13025/32**
	20.00	0.7874	140	238	2	**A13020.0**
51/64	20.24	0.7968	145	243	2	**A13051/64**
	20.25	0.7972	145	243	2	**A13020.25**
	20.40	0.8031	145	243	2	**A13020.4**
	20.50	0.8070	145	243	2	**A13020.5**
13/16	20.64	0.8125	145	243	2	**A13013/16**
	20.75	0.8169	145	243	2	**A13020.75**
	21.00	0.8267	145	243	2	**A13021.0**
53/64	21.03	0.8279	145	243	2	**A13053/64**
	21.25	0.8366	150	248	2	**A13021.25**
27/32	21.43	0.8437	150	248	2	**A13027/32**
	21.50	0.8464	150	248	2	**A13021.5**
	21.75	0.8562	150	248	2	**A13021.75**
55/64	21.82	0.8590	150	248	2	**A13055/64**
	22.00	0.8661	150	248	2	**A13022.0**
7/8	22.23	0.8751	150	248	2	**A1307/8**
	22.25	0.8759	150	248	2	**A13022.25**
	22.50	0.8858	155	253	2	**A13022.5**
57/64	22.62	0.8905	155	253	2	**A13057/64**
	22.75	0.8956	155	253	2	**A13022.75**
	23.00	0.9055	155	253	2	**A13023.0**
29/32	23.02	0.9062	155	253	2	**A13029/32**
	23.25	0.9153	155	276	3	**A13023.25**
59/64	23.42	0.9220	155	276	3	**A13059/64**
	23.50	0.9251	155	276	3	**A13023.5**
	23.75	0.9350	160	281	3	**A13023.75**
15/16	23.81	0.9374	160	281	3	**A13015/16**
	24.00	0.9448	160	281	3	**A13024.0**
61/64	24.21	0.9531	160	281	3	**A13061/64**

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d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	24.25	0.9547	160	281	3	**A13024.25**
	24.50	0.9645	160	281	3	**A13024.5**
31/32	24.61	0.9688	160	281	3	**A13031/32**
	24.75	0.9744	160	281	3	**A13024.75**
	25.00	0.9842	160	281	3	**A13025.0**
63/64	25.00	0.9842	160	286	3	**A13063/64**
	25.25	0.9940	165	286	3	**A13025.25**
1“	25.40	1.0000	165	286	3	**A1301**
	25.50	1.0039	165	286	3	**A13025.5**
	25.75	1.0137	165	286	3	**A13025.75**
	26.00	1.0236	165	286	3	**A13026.0**
	26.25	1.0334	165	286	3	**A13026.25**
	26.50	1.0433	165	286	3	**A13026.5**
	26.75	1.0531	170	291	3	**A13026.75**
1.1/16	26.99	1.0625	170	291	3	**A1301.1/16**
	27.00	1.0629	170	291	3	**A13027.0**
	27.25	1.0728	170	291	3	**A13027.25**
	27.50	1.0826	170	291	3	**A13027.5**
	27.75	1.0925	170	291	3	**A13027.75**
	28.00	1.1023	170	291	3	**A13028.0**
	28.25	1.1122	175	296	3	**A13028.25**
	28.50	1.1220	175	296	3	**A13028.5**
1.1/8	28.58	1.1251	175	296	3	**A1301.1/8**
	28.75	1.1318	175	296	3	**A13028.75**
	29.00	1.1417	175	296	3	**A13029.0**
	29.25	1.1515	175	296	3	**A13029.25**
1.5/32	29.37	1.1562	175	296	3	**A1301.5/32**
	29.50	1.1614	175	296	3	**A13029.5**
	29.75	1.1712	175	296	3	**A13029.75**
	30.00	1.1811	175	296	3	**A13030.0**
1.3/16	30.16	1.1874	180	301	3	**A1301.3/16**
	30.25	1.1909	180	301	3	**A13030.25**
	30.50	1.2007	180	301	3	**A13030.5**
	30.75	1.2106	180	301	3	**A13030.75**
1.7/32	30.96	1.2188	180	301	3	**A1301.7/32**
	31.00	1.2204	180	301	3	**A13031.0**
	31.25	1.2303	180	301	3	**A13031.25**
	31.50	1.2401	180	301	3	**A13031.5**
	31.75	1.2500	185	306	3	**A13031.75**
1.1/4	31.75	1.2500	185	306	3	**A1301.1/4**
	32.00	1.2598	185	334	4	**A13032.0**
	32.50	1.2795	185	334	4	**A13032.5**
1.9/32	32.54	1.2811	185	334	4	**A1301.9/32**
	33.00	1.2992	185	334	4	**A13033.0**
1.5/16	33.34	1.3125	185	334	4	**A1301.5/16**
	33.50	1.3188	185	334	4	**A13033.5**
	34.00	1.3385	190	339	4	**A13034.0**
1.11/32	34.13	1.3437	190	339	4	**A1301.11/32**
	34.50	1.3582	190	339	4	**A13034.5**
1.3/8	35.00	1.3779	190	339	4	**A1301.3/8**
	35.00	1.3779	190	339	4	**A13035.0**
	35.50	1.3976	190	339	4	**A13035.5**
1.13/32	35.72	1.4062	195	344	4	**A1301.13/32**
	36.00	1.4173	195	344	4	**A13036.0**
	36.50	1.4370	195	344	4	**A13036.5**
1.7/16	36.51	1.4374	195	344	4	**A1301.7/16**
	37.00	1.4566	195	344	4	**A13037.0**
	37.50	1.4763	195	344	4	**A13037.5**
	38.00	1.4960	200	349	4	**A13038.0**
1.1/2	38.10	1.5000	200	349	4	**A1301.1/2**
	38.50	1.5157	200	349	4	**A13038.5**
	39.00	1.5354	200	349	4	**A13039.0**
	39.50	1.5551	200	349	4	**A13039.5**
1.9/16	39.69	1.5625	200	349	4	**A1301.9/16**
	40.00	1.5748	200	349	4	**A13040.0**
	40.50	1.5944	205	354	4	**A13040.5**

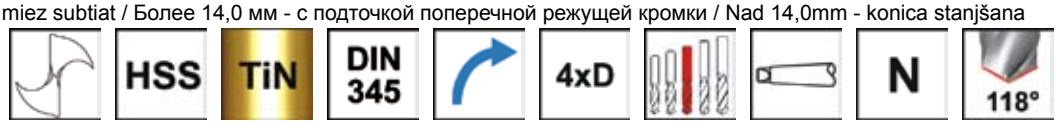
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	41.00	1.6141	205	354	4	**A13041.0**
1.5/8	41.28	1.6251	205	354	4	**A1301.5/8**
	41.50	1.6338	205	354	4	**A13041.5**
	42.00	1.6535	205	354	4	**A13042.0**
	42.50	1.6732	205	354	4	**A13042.5**
1.11/16	42.86	1.6874	210	359	4	**A1301.11/16**
	43.00	1.6929	210	359	4	**A13043.0**
	43.50	1.7125	210	359	4	**A13043.5**
	44.00	1.7322	210	359	4	**A13044.0**
1.3/4	44.45	1.7500	210	359	4	**A1301.3/4**
	44.50	1.7519	210	359	4	**A13044.5**
	45.00	1.7716	210	359	4	**A13045.0**
	45.50	1.7913	215	364	4	**A13045.5**
	46.00	1.8110	215	364	4	**A13046.0**
	46.50	1.8307	215	364	4	**A13046.5**
	47.00	1.8503	215	364	4	**A13047.0**
	47.50	1.8700	215	364	4	**A13047.5**
	48.00	1.8897	220	369	4	**A13048.0**
	48.50	1.9094	220	369	4	**A13048.5**
	49.00	1.9291	220	369	4	**A13049.0**
	49.50	1.9488	220	369	4	**A13049.5**
	50.00	1.9685	220	369	4	**A13050.0**
2“	50.80	2.0000	225	374	4	**A1302**
	51.00	2.0078	225	412	5	**A13051.0**
	52.00	2.0472	225	412	5	**A13052.0**
	53.00	2.0866	225	412	5	**A13053.0**
	54.00	2.1259	230	417	5	**A13054.0**
	55.00	2.1653	230	417	5	**A13055.0**
	56.00	2.2047	230	417	5	**A13056.0**
	57.00	2.2440	235	422	5	**A13057.0**
	58.00	2.2834	235	422	5	**A13058.0**
	59.00	2.3228	235	422	5	**A13059.0**
	60.00	2.3622	235	422	5	**A13060.0**
	61.00	2.4015	240	427	5	**A13061.0**
	62.00	2.4409	240	427	5	**A13062.0**
	63.00	2.4803	240	427	5	**A13063.0**
2.1/2	63.50	2.5000	245	432	5	**A1302.1/2**
	64.00	2.5196	245	432	5	**A13064.0**
	65.00	2.5590	245	432	5	**A13065.0**
	66.00	2.5984	245	432	5	**A13066.0**
2.5/8	66.68	2.6251	245	432	5	**A1302.5/8**
	67.00	2.6377	245	432	5	**A13067.0**
	68.00	2.6771	250	437	5	**A13068.0**
	69.00	2.7165	250	437	5	**A13069.0**
2.3/4	68.85	2.7106	250	437	5	**A1302.3/4**
	70.00	2.7559	250	437	5	**A13070.0**
	71.00	2.7952	250	437	5	**A13071.0**
	72.00	2.8346	255	442	5	**A13072.0**
	73.00	2.8740	255	442	5	**A13073.0**
2.7/8	73.03	2.8751	255	442	5	**A1302.7/8**
	74.00	2.9133	255	442	5	**A13074.0**
	75.00	2.9527	255	442	5	**A13075.0**
	76.00	2.9921	260	447	5	**A13076.0**
3“	76.20	3.0000	260	447	5	**A1303**
	77.00	3.0314	260	514	6	**A13077.0**
	78.00	3.0708	260	514	6	**A13078.0**
	79.00	3.1102	260	514	6	**A13079.0**
	80.00	3.1496	260	514	6	**A13080.0**
	81.00	3.1889	265	519	6	**A13081.0**
	84.00	3.3070	265	519	6	**A13084.0**
	85.00	3.3464	265	519	6	**A13085.0**
	90.00	3.5433	270	524	6	**A13090.0**
	95.00	3.7401	275	529	6	**A13095.0**
	100.00	3.9370	280	534	6	**A130100.0**

A530

- Vrtáky s kuželovou stopkou
- Kúpos Szárú Csigafúró
- Wiertłoz chwytem stożkowym
- Burghiu cu coada Morse
- Спиральное сверло с конусом Морзе
- sveder z MK držalom

A530

nad 14,0 mm - podbroušená špička / 14,0 mm felett - vékonyított élgeometria / Powyzej 14,0mm- Pocieniony rdzen / Peste 14,0 mm miez subtiat / Более 14,0 мм - с подточкой поперечной режущей кромки / Nad 14,0mm - konica stanjšana



■ 1.1 1.2 1.3 1.4 3.2 3.3 6.3

● 1.5 1.6 2.1 2.2 2.3 3.1 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
8.50	0.3346	75	156	1	**A5308.5**
9.00	0.3543	81	162	1	**A5309.0**
10.00	0.3937	87	168	1	**A53010.0**
10.20	0.4016	87	168	1	**A53010.2**
10.50	0.4134	87	168	1	**A53010.5**
11.00	0.4330	94	175	1	**A53011.0**
11.50	0.4527	94	175	1	**A53011.5**
11.75	0.4626	94	175	1	**A53011.75**
12.00	0.4724	101	182	1	**A53012.0**
12.50	0.4921	101	182	1	**A53012.5**
13.00	0.5118	101	182	1	**A53013.0**
13.50	0.5314	108	189	1	**A53013.5**
14.00	0.5511	108	189	1	**A53014.0**
14.50	0.5708	114	212	2	**A53014.5**
15.00	0.5905	114	212	2	**A53015.0**
15.25	0.6003	120	218	2	**A53015.25**
15.50	0.6102	120	218	2	**A53015.5**
16.00	0.6299	120	218	2	**A53016.0**
16.50	0.6496	125	223	2	**A53016.5**
17.00	0.6693	125	223	2	**A53017.0**
17.50	0.6890	130	228	2	**A53017.5**
18.00	0.7086	130	228	2	**A53018.0**
18.50	0.7283	135	233	2	**A53018.5**
19.00	0.7480	135	233	2	**A53019.0**
19.50	0.7677	140	238	2	**A53019.5**
20.00	0.7874	140	238	2	**A53020.0**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
20.50	0.8070	145	243	2	**A53020.5**
21.00	0.8268	145	243	2	**A53021.0**
21.50	0.8465	150	248	2	**A53021.5**
22.00	0.8661	150	248	2	**A53022.0**
22.50	0.8858	155	253	2	**A53022.5**
23.00	0.9055	155	253	2	**A53023.0**
23.50	0.9251	155	276	3	**A53023.5**
24.00	0.9449	160	281	3	**A53024.0**
24.50	0.9645	160	281	3	**A53024.5**
25.00	0.9843	160	281	3	**A53025.0**
25.50	1.0039	165	286	3	**A53025.5**
26.00	1.0236	165	286	3	**A53026.0**
26.50	1.0433	165	286	3	**A53026.5**
27.00	1.0630	170	291	3	**A53027.0**
27.50	1.0826	170	291	3	**A53027.5**
28.00	1.1024	170	291	3	**A53028.0**
28.50	1.1220	175	296	3	**A53028.5**
29.00	1.1417	175	296	3	**A53029.0**
29.50	1.1614	175	296	3	**A53029.5**
30.00	1.1811	175	296	3	**A53030.0**
31.00	1.2204	180	301	3	**A53031.0**
32.00	1.2598	185	334	4	**A53032.0**
33.00	1.2992	185	334	4	**A53033.0**
35.00	1.3780	190	339	4	**A53035.0**
40.00	1.5748	200	349	4	**A53040.0**

A730

DORMER

- Vrtáky s kuželovou stopkou
- Kúpos Szárú Csigafúró
- Wiertłoz chwytem stożkowym
- Burghiu cu coada Morse
- Спиральное сверло с конусом Морзе
- sveder z MK držalom

A730

■ 1.5 1.6 2.2 2.3 3.4

● 1.1 1.2 1.3 1.4 2.1 3.1 3.2 3.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
10.00	0.3937	87	168	1	**A73010.0**
10.20	0.4015	87	168	1	**A73010.2**
10.50	0.4133	87	168	1	**A73010.5**
10.80	0.4251	94	175	1	**A73010.8**
11.00	0.4330	94	175	1	**A73011.0**
11.50	0.4527	94	175	1	**A73011.5**
11.80	0.4645	94	175	1	**A73011.8**
12.00	0.4724	101	182	1	**A73012.0**
12.20	0.4803	101	182	1	**A73012.2**
12.50	0.4921	101	182	1	**A73012.5**
12.80	0.5039	101	182	1	**A73012.8**
13.00	0.5118	101	182	1	**A73013.0**
13.50	0.5314	108	189	1	**A73013.5**
13.80	0.5433	108	189	1	**A73013.8**
14.00	0.5511	108	189	1	**A73014.0**
14.25	0.5610	114	212	2	**A73014.25**
14.50	0.5708	114	212	2	**A73014.5**
14.75	0.5807	114	212	2	**A73014.75**
15.00	0.5905	114	212	2	**A73015.0**
15.25	0.6003	120	218	2	**A73015.25**
15.50	0.6102	120	218	2	**A73015.5**
15.75	0.6200	120	218	2	**A73015.75**
16.00	0.6299	120	218	2	**A73016.0**
16.25	0.6397	120	218	2	**A73016.25**
16.50	0.6496	125	223	2	**A73016.5**
17.00	0.6692	125	223	2	**A73017.0**
17.25	0.6791	130	228	2	**A73017.25**
17.50	0.6889	130	228	2	**A73017.5**
17.75	0.6988	130	228	2	**A73017.75**
18.00	0.7086	130	228	2	**A73018.0**
18.25	0.7185	135	233	2	**A73018.25**
18.50	0.7283	135	233	2	**A73018.5**

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
18.75	0.7381	135	233	2	**A73018.75**
19.00	0.7480	135	233	2	**A73019.0**
19.25	0.7578	140	238	2	**A73019.25**
19.50	0.7677	140	238	2	**A73019.5**
19.75	0.7775	140	238	2	**A73019.75**
20.00	0.7874	140	238	2	**A73020.0**
20.25	0.7972	145	243	2	**A73020.25**
20.50	0.8070	145	243	2	**A73020.5**
20.75	0.8169	145	243	2	**A73020.75**
21.00	0.8267	145	243	2	**A73021.0**
21.50	0.8464	150	248	2	**A73021.5**
22.00	0.8661	150	248	2	**A73022.0**
22.50	0.8858	155	253	2	**A73022.5**
23.00	0.9055	155	253	2	**A73023.0**
23.50	0.9251	155	276	3	**A73023.5**
24.00	0.9448	160	281	3	**A73024.0**
24.50	0.9645	160	281	3	**A73024.5**
25.00	0.9842	160	281	3	**A73025.0**
25.50	1.0039	165	286	3	**A73025.5**
26.00	1.0236	165	286	3	**A73026.0**
26.50	1.0433	165	286	3	**A73026.5**
27.00	1.0629	170	291	3	**A73027.0**
27.50	1.0826	170	291	3	**A73027.5**
28.00	1.1023	170	291	3	**A73028.0**
28.50	1.1220	175	296	3	**A73028.5**
29.00	1.1417	175	296	3	**A73029.0**
29.50	1.1614	175	296	3	**A73029.5**
30.00	1.1811	175	296	3	**A73030.0**
30.50	1.2007	180	301	3	**A73030.5**
31.00	1.2204	180	301	3	**A73031.0**
31.50	1.2401	180	301	3	**A73031.5**
32.00	1.2598	185	334	4	**A73032.0**

A765

- Vrtáky s kuželovou stopkou
- Kúpos szárú páncélfúró
- Wiertłoz chwytem stożkowym
- Burghiu cu coada Morse
- Спиральное сверло с конусом Морзе
- sveder z MK držalom

A765

■ 1.5 1.6 9.1

● 4.3 5.3

d_1 Øh8 Inch	d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	5.00	0.1968	38	122	1	**A7655.0**
	6.00	0.2362	41	125	1	**A7656.0**
	7.00	0.2755	51	135	1	**A7657.0**
5/16	7.94	0.3125	54	138	1	**A7655/16**
	8.00	0.3149	54	138	1	**A7658.0**
	9.00	0.3543	54	138	1	**A7659.0**
3/8	9.53	0.3751	56	140	1	**A7653/8**
	10.00	0.3937	56	140	1	**A76510.0**
7/16	11.11	0.4374	76	175	2	**A7657/16**
	12.00	0.4724	81	179	2	**A76512.0**
1/2	12.70	0.5000	81	179	2	**A7651/2**
	14.00	0.5511	86	184	2	**A76514.0**
9/16	14.29	0.5625	86	184	2	**A7659/16**
	15.00	0.5905	89	187	2	**A76515.0**
5/8	15.88	0.6251	89	187	2	**A7655/8**
	16.00	0.6299	89	187	2	**A76516.0**
11/16	17.46	0.6874	92	190	2	**A76511/16**
	18.00	0.7086	92	190	2	**A76518.0**
3/4	19.05	0.7500	95	213	3	**A7653/4**
	20.00	0.7874	95	213	3	**A76520.0**
13/16	20.64	0.8125	102	219	3	**A76513/16**
	22.00	0.8661	105	222	3	**A76522.0**
	24.00	0.9448	105	222	3	**A76524.0**
	25.00	0.9842	108	225	3	**A76525.0**
	30.00	1.1811	124	270	4	**A76530.0**
	35.00	1.3779	146	292	4	**A76535.0**
	45.00	1.7716	152	298	4	**A76545.0**
	50.00	1.9685	152	356	5	**A76550.0**

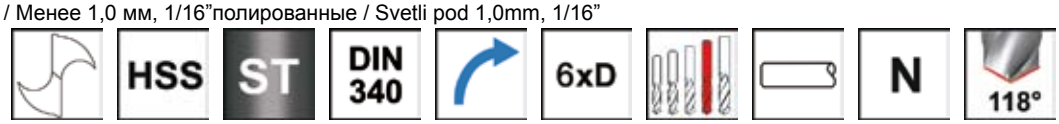
A110

DORMER

- Vrtáky dlouhé
- Burghie serie lunga
- Hosszú Csigafúró
- Спиральное сверло, длинное исполнение
- Wiertłodlugie
- sveder podaljšani

A110

Broušený povrch pod 1,0 mm, 1/16" a větší / Fényes kivitel 1,0mm alatt, 1/16" / Jasny ponizej 1,0mm, 1/16 / Lucios sub 1,0 mm, 1/16 / Менее 1,0 мм, 1/16"полированные / Svetli pod 1,0mm, 1/16"



● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	0.50	0.0196	12	32	**A110.5**
	0.60	0.0236	15	35	**A110.6**
	0.70	0.0275	21	42	**A110.7**
1/32	0.79	0.0311	25	46	**A1101/32**
	0.80	0.0314	25	46	**A110.8**
	0.90	0.0354	29	51	**A110.9**
	1.00	0.0393	33	56	**A1101.0**
	1.10	0.0433	37	60	**A1101.1**
	1.20	0.0472	41	65	**A1101.2**
	1.30	0.0511	41	65	**A1101.3**
	1.40	0.0551	45	70	**A1101.4**
	1.50	0.0590	45	70	**A1101.5**
1/16	1.59	0.0625	50	76	**A1101/16**
	1.60	0.0629	50	76	**A1101.6**
	1.70	0.0669	50	76	**A1101.7**
	1.75	0.0688	53	80	**A1101.75**
	1.80	0.0708	53	80	**A1101.8**
	1.90	0.0748	53	80	**A1101.9**
5/64	1.98	0.0779	56	85	**A1105/64**
	2.00	0.0787	56	85	**A1102.0**
	2.05	0.0807	56	85	**A1102.05**
	2.10	0.0826	56	85	**A1102.1**
	2.20	0.0866	59	90	**A1102.2**
	2.25	0.0885	59	90	**A1102.25**
	2.30	0.0905	59	90	**A1102.3**
3/32	2.38	0.0937	62	95	**A1103/32**
	2.40	0.0944	62	95	**A1102.4**
	2.50	0.0984	62	95	**A1102.5**
	2.60	0.1023	62	95	**A1102.6**
	2.70	0.1062	66	100	**A1102.7**
7/64	2.78	0.1094	66	100	**A1107/64**
	2.80	0.1102	66	100	**A1102.8**
	2.90	0.1141	66	100	**A1102.9**
	3.00	0.1181	66	100	**A1103.0**
	3.10	0.1220	69	106	**A1103.1**
1/8	3.18	0.1251	69	106	**A1101/8**
	3.20	0.1259	69	106	**A1103.2**
	3.25	0.1279	69	106	**A1103.25**
	3.30	0.1299	69	106	**A1103.3**
	3.40	0.1338	73	112	**A1103.4**
	3.50	0.1377	73	112	**A1103.5**
9/64	3.57	0.1405	73	112	**A1109/64**
	3.60	0.1417	73	112	**A1103.6**
	3.70	0.1456	73	112	**A1103.7**

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	3.75	0.1476	73	112	**A1103.75**
	3.80	0.1496	78	119	**A1103.8**
	3.90	0.1535	78	119	**A1103.9**
5/32	3.97	0.1562	78	119	**A1105/32**
	4.00	0.1574	78	119	**A1104.0**
	4.10	0.1614	78	119	**A1104.1**
	4.20	0.1653	78	119	**A1104.2**
	4.25	0.1673	78	119	**A1104.25**
	4.30	0.1692	82	126	**A1104.3**
11/64	4.37	0.1720	82	126	**A11011/64**
	4.40	0.1732	82	126	**A1104.4**
	4.50	0.1771	82	126	**A1104.5**
	4.60	0.1811	82	126	**A1104.6**
	4.70	0.1850	82	126	**A1104.7**
	4.75	0.1870	82	126	**A1104.75**
3/16	4.76	0.1874	87	132	**A1103/16**
	4.80	0.1889	87	132	**A1104.8**
	4.90	0.1929	87	132	**A1104.9**
	5.00	0.1968	87	132	**A1105.0**
	5.10	0.2007	87	132	**A1105.1**
13/64	5.16	0.2031	87	132	**A11013/64**
	5.20	0.2047	87	132	**A1105.2**
	5.25	0.2066	87	132	**A1105.25**
	5.30	0.2086	87	132	**A1105.3**
	5.40	0.2125	91	139	**A1105.4**
	5.50	0.2165	91	139	**A1105.5**
7/32	5.56	0.2188	91	139	**A1107/32**
	5.60	0.2204	91	139	**A1105.6**
	5.70	0.2244	91	139	**A1105.7**
	5.75	0.2263	91	139	**A1105.75**
	5.80	0.2283	91	139	**A1105.8**
	5.90	0.2322	91	139	**A1105.9**
15/64	5.95	0.2342	91	139	**A11015/64**
	6.00	0.2362	91	139	**A1106.0**
	6.10	0.2401	97	148	**A1106.1**
	6.20	0.2440	97	148	**A1106.2**
	6.25	0.2460	97	148	**A1106.25**
	6.30	0.2480	97	148	**A1106.3**
1/4	6.35	0.2500	97	148	**A1101/4**
	6.40	0.2519	97	148	**A1106.4**
	6.50	0.2559	97	148	**A1106.5**
	6.60	0.2598	97	148	**A1106.6**
	6.70	0.2637	97	148	**A1106.7**
17/64	6.75	0.2657	102	156	**A11017/64**

A110

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.75	0.2657	102	156	**A1106.75**
	6.80	0.2677	102	156	**A1106.8**
	6.90	0.2716	102	156	**A1106.9**
	7.00	0.2755	102	156	**A1107.0**
	7.10	0.2795	102	156	**A1107.1**
9/32	7.14	0.2811	102	156	**A1109/32**
	7.20	0.2834	102	156	**A1107.2**
	7.25	0.2854	102	156	**A1107.25**
	7.30	0.2874	102	156	**A1107.3**
	7.40	0.2913	102	156	**A1107.4**
	7.50	0.2952	102	156	**A1107.5**
	7.60	0.2992	109	165	**A1107.6**
	7.70	0.3031	109	165	**A1107.7**
	7.75	0.3051	109	165	**A1107.75**
	7.80	0.3070	109	165	**A1107.8**
	7.90	0.3110	109	165	**A1107.9**
5/16	7.94	0.3125	109	165	**A1105/16**
	8.00	0.3149	109	165	**A1108.0**
	8.10	0.3188	109	165	**A1108.1**
	8.20	0.3228	109	165	**A1108.2**
	8.25	0.3248	109	165	**A1108.25**
	8.30	0.3267	109	165	**A1108.3**
	8.40	0.3307	109	165	**A1108.4**
	8.50	0.3346	109	165	**A1108.5**
	8.60	0.3385	115	175	**A1108.6**
	8.70	0.3425	115	175	**A1108.7**
11/32	8.73	0.3437	115	175	**A11011/32**
	8.75	0.3444	115	175	**A1108.75**
	8.80	0.3464	115	175	**A1108.8**
	8.90	0.3503	115	175	**A1108.9**
	9.00	0.3543	115	175	**A1109.0**
	9.10	0.3582	115	175	**A1109.1**
	9.20	0.3622	115	175	**A1109.2**
	9.25	0.3641	115	175	**A1109.25**
	9.30	0.3661	115	175	**A1109.3**
	9.40	0.3700	115	175	**A1109.4**
	9.50	0.3740	115	175	**A1109.5**
3/8	9.53	0.3751	121	184	**A1103/8**
	9.60	0.3779	121	184	**A1109.6**
	9.70	0.3818	121	184	**A1109.7**
	9.75	0.3838	121	184	**A1109.75**
	9.80	0.3858	121	184	**A1109.8**
	9.90	0.3897	121	184	**A1109.9**
	10.00	0.3937	121	184	**A11010.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.10	0.3976	121	184	**A11010.1**
	10.20	0.4015	121	184	**A11010.2**
	10.25	0.4035	121	184	**A11010.25**
	10.30	0.4055	121	184	**A11010.3**
13/32	10.32	0.4062	121	184	**A11013/32**
	10.50	0.4133	121	184	**A11010.5**
	10.75	0.4232	128	195	**A11010.75**
	10.80	0.4251	128	195	**A11010.8**
	11.00	0.4330	128	195	**A11011.0**
7/16	11.11	0.4374	128	195	**A1107/16**
	11.25	0.4429	128	195	**A11011.25**
	11.40	0.4488	128	195	**A11011.4**
	11.50	0.4527	128	195	**A11011.5**
	11.75	0.4625	128	195	**A11011.75**
	12.00	0.4724	134	205	**A11012.0**
	12.10	0.4763	134	205	**A11012.1**
	12.25	0.4822	134	205	**A11012.25**
	12.50	0.4921	134	205	**A11012.5**
1/2	12.70	0.5000	134	205	**A1101/2**
	13.00	0.5118	134	205	**A11013.0**
17/32	13.49	0.5311	140	214	**A11017/32**
	13.50	0.5314	140	214	**A11013.5**
	14.00	0.5511	140	214	**A11014.0**
9/16	14.29	0.5625	144	220	**A1109/16**
	14.50	0.5708	144	220	**A11014.5**
	15.00	0.5905	144	220	**A11015.0**
	15.50	0.6102	149	227	**A11015.5**
5/8	15.88	0.6251	149	227	**A1105/8**
	16.00	0.6299	149	227	**A11016.0**
	16.50	0.6496	154	235	**A11016.5**
	17.00	0.6692	154	235	**A11017.0**
11/16	17.46	0.6874	158	241	**A11011/16**
	17.50	0.6889	158	241	**A11017.5**
	18.00	0.7086	158	241	**A11018.0**
	18.50	0.7283	162	247	**A11018.5**
	19.00	0.7480	162	247	**A11019.0**
3/4	19.05	0.7500	166	254	**A1103/4**
	19.50	0.7677	166	254	**A11019.5**
	20.00	0.7874	166	254	**A11020.0**
	21.00	0.8267	171	261	**A11021.0**
	22.00	0.8661	176	268	**A11022.0**
7/8	22.23	0.8751	176	268	**A1107/8**
15/16	23.81	0.9374	185	282	**A11015/16**
1	25.40	1.0000	190	290	**A1101**

A623

- Vrtáky dlouhé
- Burghie serie lunga
- Hosszú Csigafúró
- Спиральное сверло, длинное исполнение
- Wiertłodlugie
- sveder podaljšani

A623

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
2.50	0.0984	62	95	**A6232.5**
2.60	0.1023	62	95	**A6232.6**
3.00	0.1181	66	100	**A6233.0**
3.30	0.1299	69	106	**A6233.3**
3.50	0.1377	73	112	**A6233.5**
3.80	0.1496	78	119	**A6233.8**
4.00	0.1574	78	119	**A6234.0**
4.10	0.1614	78	119	**A6234.1**
4.20	0.1653	78	119	**A6234.2**
4.50	0.1771	82	126	**A6234.5**

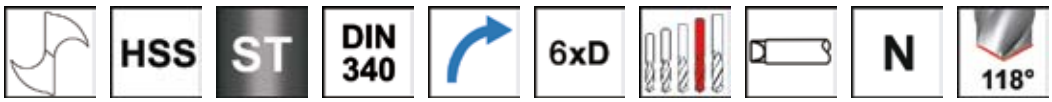
d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
4.80	0.1889	87	132	**A6234.8**
4.90	0.1929	87	132	**A6234.9**
5.00	0.1968	87	132	**A6235.0**
5.10	0.2007	87	132	**A6235.1**
5.30	0.2086	87	132	**A6235.3**
5.50	0.2165	91	139	**A6235.5**
5.70	0.2244	91	139	**A6235.7**
5.80	0.2283	91	139	**A6235.8**
6.00	0.2362	91	139	**A6236.0**

A111

- Vrtáky dlouhé
- Burghie serie lunga
- Hosszú Csigafúró
- Спиральное сверло, длинное исполнение
- Wiertłodlugie
- sveder podaljšani

A111

Hrot dle DIN 1809 / Menesztő a DIN 1809 szabvány szerint / Chwyt zgodnie z DIN 1809 / Antrenor conf. DIN 1809 / Согласно DIN 1809 / DIN 1809



● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3.00	0.1181	66	100	**A1113.0**
3.10	0.1220	69	106	**A1113.1**
3.30	0.1299	69	106	**A1113.3**
3.50	0.1377	73	112	**A1113.5**
4.00	0.1574	78	119	**A1114.0**
4.20	0.1653	78	119	**A1114.2**
4.40	0.1732	82	126	**A1114.4**
4.50	0.1771	82	126	**A1114.5**
5.00	0.1968	87	132	**A1115.0**
5.10	0.2007	87	132	**A1115.1**
5.50	0.2165	91	139	**A1115.5**
5.80	0.2283	91	139	**A1115.8**
6.00	0.2362	91	139	**A1116.0**
6.40	0.2519	97	148	**A1116.4**
6.50	0.2559	97	148	**A1116.5**
6.60	0.2598	97	148	**A1116.6**

d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
6.70	0.2637	97	148	**A1116.7**
6.80	0.2677	102	156	**A1116.8**
7.00	0.2755	102	156	**A1117.0**
7.50	0.2952	102	156	**A1117.5**
7.90	0.3110	109	165	**A1117.9**
8.00	0.3149	109	165	**A1118.0**
8.50	0.3346	109	165	**A1118.5**
9.00	0.3543	115	175	**A1119.0**
10.00	0.3937	121	184	**A11110.0**
10.20	0.4015	121	184	**A11110.2**
10.50	0.4133	121	184	**A11110.5**
11.00	0.4330	128	195	**A11111.0**
12.00	0.4724	134	205	**A11112.0**

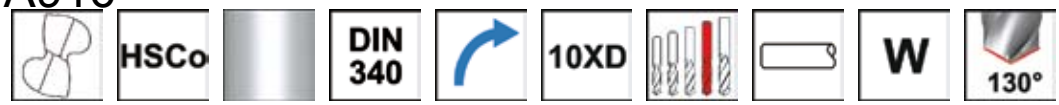
A916

DORMER

- PFX vrták dlouhý
- Burgiu serie lunga PFX
- PFX Hosszú Csigafúró
- Спиральное сверло PFX, длинное исполнение
- Wiertłotypu PFX,dlugie
- PFX sveder podaljšani

PFX

A916



■ 1.3 1.4 1.5 1.6 2.2 4.1 4.2 4.3 7.2

● 1.1 1.2 2.1 2.3 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.1 7.3 7.4 8.1 8.2

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.00	0.0393	33	56	**A9161.0**
	1.10	0.0433	37	60	**A9161.1**
	1.20	0.0472	41	65	**A9161.2**
	1.30	0.0511	41	65	**A9161.3**
	1.40	0.0551	45	70	**A9161.4**
	1.50	0.0590	45	70	**A9161.5**
1/16	1.59	0.0625	50	76	**A9161/16**
	1.60	0.0629	50	76	**A9161.6**
	1.70	0.0669	50	76	**A9161.7**
	1.80	0.0708	53	80	**A9161.8**
	1.90	0.0748	53	80	**A9161.9**
5/64	1.98	0.0779	56	85	**A9165/64**
	2.00	0.0787	56	85	**A9162.0**
	2.10	0.0826	56	85	**A9162.1**
	2.20	0.0866	59	90	**A9162.2**
	2.30	0.0905	59	90	**A9162.3**
3/32	2.38	0.0937	62	95	**A9163/32**
	2.40	0.0944	62	95	**A9162.4**
	2.50	0.0984	62	95	**A9162.5**
	2.60	0.1023	62	95	**A9162.6**
	2.70	0.1062	66	100	**A9162.7**
7/64	2.78	0.1094	66	100	**A9167/64**
	2.80	0.1102	66	100	**A9162.8**
	2.90	0.1141	66	100	**A9162.9**
	3.00	0.1181	66	100	**A9163.0**
	3.10	0.1220	69	106	**A9163.1**
1/8	3.18	0.1251	69	106	**A9161/8**
	3.20	0.1259	69	106	**A9163.2**
	3.30	0.1299	69	106	**A9163.3**
	3.40	0.1338	73	112	**A9163.4**
	3.50	0.1377	73	112	**A9163.5**
9/64	3.57	0.1405	73	112	**A9169/64**
	3.60	0.1417	73	112	**A9163.6**
	3.70	0.1456	73	112	**A9163.7**
	3.80	0.1496	78	119	**A9163.8**
	3.90	0.1535	78	119	**A9163.9**
5/32	3.97	0.1562	78	119	**A9165/32**
	4.00	0.1574	78	119	**A9164.0**
	4.10	0.1614	78	119	**A9164.1**
	4.20	0.1653	78	119	**A9164.2**
	4.30	0.1692	82	126	**A9164.3**
11/64	4.37	0.1720	82	126	**A91611/64**
	4.40	0.1732	82	126	**A9164.4**
	4.50	0.1771	82	126	**A9164.5**

d_1 $\emptyset h_8$ Inch	d_1 $\emptyset h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.60	0.1811	82	126	**A9164.6**
	4.70	0.1850	82	126	**A9164.7**
3/16	4.76	0.1874	87	132	**A9163/16**
	4.80	0.1889	87	132	**A9164.8**
	4.90	0.1929	87	132	**A9164.9**
	5.00	0.1968	87	132	**A9165.0**
	5.10	0.2007	87	132	**A9165.1**
13/64	5.16	0.2031	87	132	**A91613/64**
	5.20	0.2047	87	132	**A9165.2**
	5.30	0.2086	87	132	**A9165.3**
	5.40	0.2125	91	139	**A9165.4**
	5.50	0.2165	91	139	**A9165.5**
7/32	5.56	0.2188	91	139	**A9167/32**
	5.60	0.2204	91	139	**A9165.6**
	5.70	0.2244	91	139	**A9165.7**
	5.80	0.2283	91	139	**A9165.8**
	5.90	0.2322	91	139	**A9165.9**
15/64	5.95	0.2342	91	139	**A91615/64**
	6.00	0.2362	91	139	**A9166.0**
	6.10	0.2401	97	148	**A9166.1**
	6.20	0.2440	97	148	**A9166.2**
	6.30	0.2480	97	148	**A9166.3**
1/4	6.35	0.2500	97	148	**A9161/4**
	6.40	0.2519	97	148	**A9166.4**
	6.50	0.2559	97	148	**A9166.5**
	6.60	0.2598	97	148	**A9166.6**
	6.70	0.2637	97	148	**A9166.7**
17/64	6.75	0.2657	102	156	**A91617/64**
	6.80	0.2677	102	156	**A9166.8**
	6.90	0.2716	102	156	**A9166.9**
	7.00	0.2755	102	156	**A9167.0**
	7.10	0.2795	102	156	**A9167.1**
9/32	7.14	0.2811	102	156	**A9169/32**
	7.20	0.2834	102	156	**A9167.2**
	7.30	0.2874	102	156	**A9167.3**
	7.40	0.2913	102	156	**A9167.4**
	7.50	0.2952	102	156	**A9167.5**
19/64	7.54	0.2968	109	165	**A91619/64**
	7.60	0.2992	109	165	**A9167.6**
	7.70	0.3031	109	165	**A9167.7**
	7.80	0.3070	109	165	**A9167.8**
	7.90	0.3110	109	165	**A9167.9**
5/16	7.94	0.3125	109	165	**A9165/16**
	8.00	0.3149	109	165	**A9168.0**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	8.10	0.3188	109	165	**A9168.1**	
	8.20	0.3228	109	165	**A9168.2**	
	8.30	0.3267	109	165	**A9168.3**	
21/64	8.33	0.3279	109	165	**A91621/64**	
	8.40	0.3307	109	165	**A9168.4**	
	8.50	0.3346	109	165	**A9168.5**	
	8.60	0.3385	115	175	**A9168.6**	
	8.70	0.3425	115	175	**A9168.7**	
11/32	8.73	0.3437	115	175	**A91611/32**	
	8.80	0.3464	115	175	**A9168.8**	
	8.90	0.3503	115	175	**A9168.9**	
	9.00	0.3543	115	175	**A9169.0**	
	9.10	0.3582	115	175	**A9169.1**	
23/64	9.13	0.3594	115	175	**A91623/64**	
	9.20	0.3622	115	175	**A9169.2**	
	9.30	0.3661	115	175	**A9169.3**	
	9.40	0.3700	115	175	**A9169.4**	
	9.50	0.3740	115	175	**A9169.5**	
3/8	9.53	0.3751	139	184	**A9163/8**	1)
	9.60	0.3779	139	184	**A9169.6**	1)
	9.70	0.3818	139	184	**A9169.7**	1)
	9.80	0.3858	139	184	**A9169.8**	1)
	9.90	0.3897	139	184	**A9169.9**	1)
25/64	9.92	0.3905	139	184	**A91625/64**	1)
	10.00	0.3937	139	184	**A91610.0**	1)
	10.20	0.4015	139	184	**A91610.2**	1)
	10.30	0.4055	139	184	**A91610.3**	1)
13/32	10.32	0.4062	139	184	**A91613/32**	1)
	10.40	0.4094	139	184	**A91610.4**	1)
	10.50	0.4133	139	184	**A91610.5**	1)
27/64	10.72	0.4220	150	195	**A91627/64**	1)
	10.80	0.4251	150	195	**A91610.8**	1)
	11.00	0.4330	150	195	**A91611.0**	1)
7/16	11.11	0.4374	150	195	**A9167/16**	1)
	11.20	0.4409	150	195	**A91611.2**	1)
	11.50	0.4527	150	195	**A91611.5**	1)

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
29/64	11.51	0.4531	150	195	**A91629/64**	1)
	11.80	0.4645	150	195	**A91611.8**	1)
15/32	11.91	0.4688	160	205	**A91615/32**	1)
	12.00	0.4724	160	205	**A91612.0**	1)
	12.20	0.4803	160	205	**A91612.2**	1)
31/64	12.30	0.4842	160	205	**A91631/64**	1)
	12.50	0.4921	160	205	**A91612.5**	1)
1/2	12.70	0.5000	160	205	**A9161/2**	1)
	12.80	0.5039	160	205	**A91612.8**	1)
	13.00	0.5118	160	205	**A91613.0**	1)
33/64	13.10	0.5156	160	205	**A91633/64**	1)
17/32	13.49	0.5312	169	214	**A91617/32**	1)
	13.50	0.5314	169	214	**A91613.5**	1)
	14.00	0.5511	169	214	**A91614.0**	1)
9/16	14.29	0.5625	172	220	**A9169/16**	1)
	14.50	0.5708	172	220	**A91614.5**	1)
37/64	14.68	0.5781	172	220	**A91637/64**	1)
	15.00	0.5905	172	220	**A91615.0**	1)
19/32	15.08	0.5938	179	227	**A91619/32**	1)
	15.50	0.6102	179	227	**A91615.5**	1)
5/8	15.88	0.6250	179	255	**A9165/8**	1)
	16.00	0.6299	179	227	**A91616.0**	1)
	16.50	0.6496	188	235	**A91616.5**	1)
21/32	16.67	0.6562	188	235	**A91621/32**	1)
	17.00	0.6693	188	235	**A91617.0**	1)
11/16	17.46	0.6875	195	241	**A91611/16**	1)
	17.50	0.6890	195	241	**A91617.5**	1)
45/64	17.86	0.7031	195	241	**A91645/64**	1)
	18.00	0.7087	195	257	**A91618.0**	1)2)
23/32	18.27	0.7188	210	257	**A91623/32**	1)2)
47/64	18.65	0.7344	210	257	**A91647/64**	1)2)
	19.00	0.7480	210	264	**A91619.0**	1)2)
3/4	19.05	0.75	215	264	**A9163/4**	1)2)
	20.00	0.7874	220	264	**A91620.0**	1)2)

[1] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

[2] Celková délka delší než standard / Teljes hossz: standardnál hosszabb/ Długość calkowita wieksza niz standardowa / Lungimea totala mai mare ca standardul. / Общая длина стружечной канавки больше стандартной / Celotna dolžina daljša kot standardna

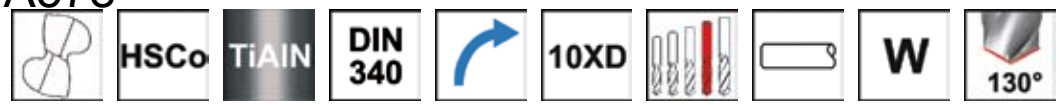
A578

DORMER

- PFX vrták dlouhý
- Burgiu serie lunga PFX
- PFX Hosszú Csigafúró
- Спиральное сверло PFX, длинное исполнение
- Wiertłotypu PFX,dlugie
- PFX sveder podaljšani

PFX

A578



■ 1.3 1.4 1.5 1.6 2.2 3.1 3.2 3.3 3.4 7.4

● 1.1 1.2 2.1 2.3 4.1 4.2 4.3 6.3 6.4

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1.00	0.0393	33	56	A5781.0
1.50	0.0590	45	70	A5781.5
2.00	0.0787	56	85	A5782.0
2.50	0.0984	62	95	A5782.5
3.00	0.1181	66	100	A5783.0
3.10	0.1220	69	106	A5783.1
3.20	0.1259	69	106	A5783.2
3.30	0.1299	69	106	A5783.3
3.40	0.1338	73	112	A5783.4
3.50	0.1377	73	112	A5783.5
3.60	0.1417	73	112	A5783.6
3.70	0.1456	73	112	A5783.7
3.80	0.1496	78	119	A5783.8
3.90	0.1535	78	119	A5783.9
4.00	0.1574	78	119	A5784.0
4.10	0.1614	78	119	A5784.1
4.20	0.1653	78	119	A5784.2
4.30	0.1692	82	126	A5784.3
4.40	0.1732	82	126	A5784.4
4.50	0.1771	82	126	A5784.5
4.60	0.1811	82	126	A5784.6
4.70	0.1850	82	126	A5784.7
4.80	0.1889	87	132	A5784.8
4.90	0.1929	87	132	A5784.9
5.00	0.1968	87	132	A5785.0
5.10	0.2007	87	132	A5785.1
5.20	0.2047	87	132	A5785.2
5.30	0.2086	87	132	A5785.3
5.40	0.2125	91	139	A5785.4
5.50	0.2165	91	139	A5785.5
5.60	0.2204	91	139	A5785.6
5.70	0.2244	91	139	A5785.7
5.80	0.2283	91	139	A5785.8
5.90	0.2322	91	139	A5785.9
6.00	0.2362	91	139	A5786.0
6.10	0.2401	97	148	A5786.1
6.20	0.2440	97	148	A5786.2
6.30	0.2480	97	148	A5786.3
6.40	0.2519	97	148	A5786.4
6.50	0.2559	97	148	A5786.5
6.60	0.2598	97	148	A5786.6
6.70	0.2637	97	148	A5786.7

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
6.80	0.2677	102	156	A5786.8	
6.90	0.2716	102	156	A5786.9	
7.00	0.2755	102	156	A5787.0	
7.10	0.2795	102	156	A5787.1	
7.20	0.2834	102	156	A5787.2	
7.30	0.2874	102	156	A5787.3	
7.40	0.2913	102	156	A5787.4	
7.50	0.2952	102	156	A5787.5	
7.60	0.2992	109	165	A5787.6	
7.70	0.3031	109	165	A5787.7	
7.80	0.3070	109	165	A5787.8	
7.90	0.3110	109	165	A5787.9	
8.00	0.3149	109	165	A5788.0	
8.10	0.3188	109	165	A5788.1	
8.20	0.3228	109	165	A5788.2	
8.30	0.3267	109	165	A5788.3	
8.40	0.3307	109	165	A5788.4	
8.50	0.3346	109	165	A5788.5	
8.60	0.3385	115	175	A5788.6	
8.70	0.3425	115	175	A5788.7	
8.80	0.3464	115	175	A5788.8	
8.90	0.3503	115	175	A5788.9	
9.00	0.3543	115	175	A5789.0	
9.10	0.3582	115	175	A5789.1	
9.20	0.3622	115	175	A5789.2	
9.30	0.3661	115	175	A5789.3	
9.40	0.3700	115	175	A5789.4	
9.50	0.3740	115	175	A5789.5	
9.60	0.3779	121	184	A5789.6	
9.70	0.3818	121	184	A5789.7	
9.80	0.3858	121	184	A5789.8	
9.90	0.3897	121	184	A5789.9	
10.00	0.3937	139	184	A57810.0	1)
10.20	0.4015	139	184	A57810.2	1)
10.30	0.4055	139	184	A57810.3	1)
10.40	0.4094	139	184	A57810.4	1)
10.50	0.4133	139	184	A57810.5	1)
10.80	0.4251	150	195	A57810.8	1)
11.00	0.4330	150	195	A57811.0	1)
11.20	0.4409	150	195	A57811.2	1)
11.50	0.4527	150	195	A57811.5	1)
11.80	0.4646	150	195	A57811.8	1)

[1] Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A578

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
12.00	0.4724	160	205	**A57812.0**	1)
12.20	0.4803	160	205	**A57812.2**	1)
12.50	0.4921	160	205	**A57812.5**	1)
12.80	0.5039	160	205	**A57812.8**	1)
13.00	0.5118	160	205	**A57813.0**	1)
13.50	0.5314	169	214	**A57813.5**	1)

d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
14.00	0.5511	169	214	**A57814.0**	1)
14.50	0.5708	172	220	**A57814.5**	1)
15.00	0.5905	172	220	**A57815.0**	1)
15.50	0.6102	179	227	**A57815.5**	1)
16.00	0.6299	179	227	**A57816.0**	1)

1) Délka šroubovice delší než standard / Dolgozóhossz hosszabb, mint a szabvány / Długość czesci roboczej Wiertła,dluzsza niz standardowa. / Lungimea spiralei mai lunga decat standard / Длина стружечной канавки больше стандартной / dolžina vijačnice daljša od standardne

A350

DORMER

- Vrtáky dlouhé
- Hosszított kúpos szárú csigafúró
- Wiertłodługie
- Burghie serie lunga
- Спиральное сверло, длинное исполнение
- sveder podaljšani

A350

■ 1.1 1.2

● 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
5.00	0.1969	74	155	1	A3505.0
5.50	0.2165	80	161	1	A3505.5
6.00	0.2362	80	161	1	A3506.0
6.70	0.2638	86	167	1	A3506.7
6.80	0.2677	93	174	1	A3506.8
7.00	0.2755	93	174	1	A3507.0
7.50	0.2952	93	174	1	A3507.5
8.00	0.3150	100	181	1	A3508.0
8.40	0.3307	100	181	1	A3508.4
8.50	0.3346	100	181	1	A3508.5
8.75	0.3444	107	188	1	A3508.75
9.00	0.3543	107	188	1	A3509.0
9.50	0.3740	107	188	1	A3509.5
9.80	0.3858	116	197	1	A3509.8
10.00	0.3937	116	197	1	A35010.0
10.20	0.4016	116	197	1	A35010.2
10.50	0.4134	116	197	1	A35010.5
10.70	0.4212	125	206	1	A35010.7
11.00	0.4330	125	206	1	A35011.0
11.50	0.4528	125	206	1	A35011.5
11.75	0.4626	125	206	1	A35011.75
11.80	0.4646	125	206	1	A35011.8
12.00	0.4724	134	215	1	A35012.0
12.50	0.4921	134	215	1	A35012.5
13.00	0.5118	134	215	1	A35013.0
13.50	0.5314	142	223	1	A35013.5
14.00	0.5512	142	223	1	A35014.0
14.25	0.5610	147	245	2	A35014.25
14.50	0.5709	147	245	2	A35014.5
14.75	0.5807	147	245	2	A35014.75
15.00	0.5906	147	245	2	A35015.0
15.25	0.6004	153	251	2	A35015.25
15.50	0.6102	153	251	2	A35015.5
15.75	0.6201	153	251	2	A35015.75
16.00	0.6299	153	251	2	A35016.0
16.25	0.6397	159	257	2	A35016.25
16.50	0.6496	159	257	2	A35016.5
16.75	0.6594	159	257	2	A35016.75
17.00	0.6693	159	257	2	A35017.0
17.25	0.6791	165	263	2	A35017.25
17.50	0.6890	165	263	2	A35017.5
18.00	0.7087	165	263	2	A35018.0
18.50	0.7283	171	269	2	A35018.5
19.00	0.7480	171	269	2	A35019.0

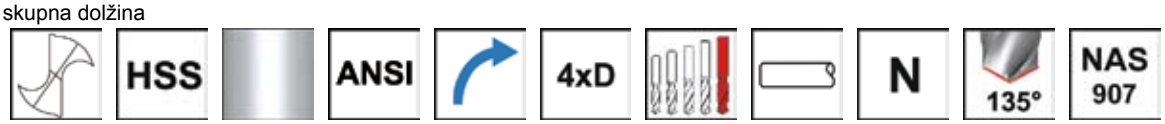
d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
19.50	0.7677	177	275	2	A35019.5
19.75	0.7776	177	275	2	A35019.75
20.00	0.7874	177	275	2	A35020.0
20.25	0.7972	184	282	2	A35020.25
20.50	0.8070	184	282	2	A35020.5
21.00	0.8268	184	282	2	A35021.0
21.50	0.8464	191	289	2	A35021.5
22.00	0.8661	191	289	2	A35022.0
22.50	0.8858	198	296	2	A35022.5
23.00	0.9055	198	296	2	A35023.0
23.50	0.9251	198	319	3	A35023.5
24.00	0.9448	206	327	3	A35024.0
24.50	0.9646	206	327	3	A35024.5
25.00	0.9843	206	327	3	A35025.0
25.50	1.0039	214	335	3	A35025.5
26.00	1.0236	214	335	3	A35026.0
26.50	1.0433	214	335	3	A35026.5
27.00	1.0629	222	343	3	A35027.0
27.50	1.0826	222	343	3	A35027.5
28.00	1.1023	222	343	3	A35028.0
29.00	1.1417	230	351	3	A35029.0
30.00	1.1811	230	351	3	A35030.0
30.50	1.2007	239	360	3	A35030.5
31.00	1.2205	239	360	3	A35031.0
31.50	1.2401	239	360	3	A35031.5
32.00	1.2598	248	397	4	A35032.0
33.00	1.2992	248	397	4	A35033.0
34.00	1.3386	257	406	4	A35034.0
35.00	1.3780	257	406	4	A35035.0
36.00	1.4173	267	416	4	A35036.0
37.00	1.4567	267	416	4	A35037.0
38.00	1.4961	277	426	4	A35038.0
39.00	1.5354	277	426	4	A35039.0
40.00	1.5748	277	426	4	A35040.0
41.00	1.6142	287	436	4	A35041.0
42.00	1.6535	287	436	4	A35042.0
43.00	1.6929	298	447	4	A35043.0
44.00	1.7323	298	447	4	A35044.0
45.00	1.7717	298	447	4	A35045.0
46.00	1.8110	310	459	4	A35046.0
47.00	1.8504	310	459	4	A35047.0
48.00	1.8898	321	470	4	A35048.0
50.00	1.9685	321	470	4	A35050.0

A243

- Vrták prodloužený, letecký průmysl
- Repülőgépipari Hosszú Csigafúró
- Wiertłoprzedluzane dla przemyslu lotniczego
- Burghiu cu coada lungita pentru aviatie
- Удлиненное Сверло, для аэрокосмической промышленности
- sveder podaljšani letalski

A243

150 mm celková délka / 150mm teljes hossz / Długość calkowita 150mm / Lungime totala 150 mm / Общая длина 150 мм / 150mm skupna dolžina



■ 1.5 1.6 2.2 2.3 3.4 4.1 4.2 4.3 5.1 6.4 7.4

● 1.3 1.4 2.1 3.1 3.2 3.3 5.2 5.3 6.3 9.1

d_1 Øh$_8$ Inch	d_1 decimal Inch	l_2 Inch	l_1 Inch	e-Code
3/32X6	0.0938	1.1/4	6“	**A2433/32X6**
40	0.0980	1.3/8	6“	**A243N40X6**
1/8X6	0.1250	1.5/8	6“	**A2431/8X6**
30	0.1285	1.5/8	6“	**A243N30X6**
5/32X6	0.1562	2“	6“	**A2435/32X6**
21	0.1590	2.1/8	6“	**A243N21X6**

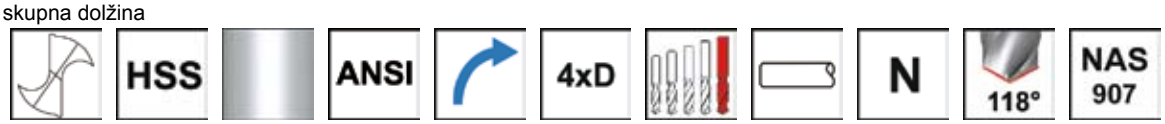
d_1 Øh$_8$ Inch	d_1 decimal Inch	l_2 Inch	l_1 Inch	e-Code
20	0.1610	2.1/8	6“	**A243N20X6**
3/16	0.1875	2.5/16	6“	**A2433/16X6**
11	0.1910	2.5/16	6“	**A243N11X6**
10	0.1935	2.7/16	6“	**A243N10X6**
1/4X6	0.2500	2.3/4	6“	**A2431/4X6**

A244

- Vrták prodloužený, letecký průmysl
- Burghiu cu coada lungita pentru aviatie
- Repülőgépipari Hosszú Csigafúró
- Удлиненное Сверло, для аэрокосмической промышленности
- Wiertłoprzedluzane dla przemyslu lotniczego
- sveder podaljšani letalski

A244

150 mm celková délka / 150mm teljes hossz / Długość calkowita 150mm / Lungime totala 150 mm / Общая длина 150 мм / 150mm skupna dolžina



■ 1.5 1.6 2.2 2.3 3.4 4.1 4.2 4.3 5.1 6.4 7.4

● 1.3 1.4 2.1 3.1 3.2 3.3 5.2 5.3 6.3 9.1

d_1 Øh$_8$ Inch	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
1/8	0.1250	1.5/8	6“	**A2441/8X6**
5/32	0.1562	2“	6“	**A2445/32X6**

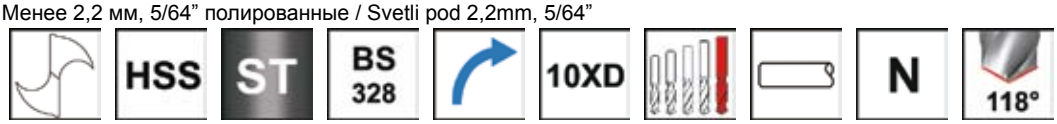
d_1 Øh$_8$ Inch	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
3/16	0.1874	2.5/16	6“	**A2443/16X6**
1/4	0.2500	2.3/4	6“	**A2441/4X6**

A125

- Vrtáky s kuželovou stopkou, extra dlouhé
- Burghiu extralung cu coada Morse
- Extra hosszú csigafúró
- Спиральное сверло с конусом Морзе, сверхдлинное исполнение
- Wiertłobardzo długie
- sveder z MK držalom, extra dolgi

A125

Broušený povrch pod 2,2mm, 5/64" / Fényes kivitel 2,2mm alatt, 5/64" / Jasny ponizej sr.2,2mm,5/64 / Lucios sub 2,2 mm, 5/64" / Менее 2,2 мм, 5/64" полированные / Svetli pod 2,2mm, 5/64"



■ 1.1 1.2

● 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	1.40	0.0551	100	160	**A1251.4X160**
	1.50	0.0590	80	125	**A1251.5X125**
	1.50	0.0590	100	160	**A1251.5X160**
1/16	1.59	0.0625	80	125	**A1251/16X125**
1/16	1.59	0.0625	100	160	**A1251/16X160**
	1.80	0.0708	100	160	**A1251.8X160**
5/64	1.98	0.0779	80	125	**A1255/64X125**
5/64	1.98	0.0779	100	160	**A1255/64X160**
	2.00	0.0787	80	125	**A1252.0X125**
	2.00	0.0787	100	160	**A1252.0X160**
	2.20	0.0866	100	160	**A1252.2X160**
3/32	2.38	0.0937	80	125	**A1253/32X125**
3/32	2.38	0.0937	100	160	**A1253/32X160**
	2.50	0.0984	80	125	**A1252.5X125**
	2.50	0.0984	100	160	**A1252.5X160**
7/64	2.78	0.1094	80	125	**A1257/64X125**
7/64	2.78	0.1094	100	160	**A1257/64X160**
	3.00	0.1181	100	160	**A1253.0X160**
	3.00	0.1181	150	200	**A1253.0X200**
	3.00	0.1181	200	250	**A1253.0X250**
1/8	3.18	0.1251	100	160	**A1251/8X160**
1/8	3.18	0.1251	150	200	**A1251/8X200**
1/8	3.18	0.1251	200	250	**A1251/8X250**
1/8	3.18	0.1251	250	315	**A1251/8X315**
	3.30	0.1299	100	160	**A1253.3X160**
	3.50	0.1377	100	160	**A1253.5X160**
	3.50	0.1377	150	200	**A1253.5X200**
	3.50	0.1377	200	250	**A1253.5X250**
9/64	3.57	0.1405	100	160	**A1259/64X160**
9/64	3.57	0.1405	150	200	**A1259/64X200**
5/32	3.97	0.1562	100	160	**A1255/32X160**
5/32	3.97	0.1562	150	200	**A1255/32X200**
5/32	3.97	0.1562	200	250	**A1255/32X250**
5/32	3.97	0.1562	250	315	**A1255/32X315**
	4.00	0.1574	100	160	**A1254.0X160**
	4.00	0.1574	150	200	**A1254.0X200**
	4.00	0.1574	200	250	**A1254.0X250**
	4.00	0.1574	250	315	**A1254.0X315**
11/64	4.37	0.1720	100	160	**A12511/64X160**
11/64	4.37	0.1720	150	200	**A12511/64X200**
	4.50	0.1771	100	160	**A1254.5X160**
	4.50	0.1771	150	200	**A1254.5X200**

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	4.50	0.1771	200	250	**A1254.5X250**
	4.50	0.1771	250	315	**A1254.5X315**
3/16	4.76	0.1874	100	160	**A1253/16X160**
3/16	4.76	0.1874	150	200	**A1253/16X200**
3/16	4.76	0.1874	200	250	**A1253/16X250**
3/16	4.76	0.1874	250	315	**A1253/16X315**
3/16	4.76	0.1874	300	400	**A1253/16X400**
	5.00	0.1968	100	160	**A1255.0X160**
	5.00	0.1968	150	200	**A1255.0X200**
	5.00	0.1968	200	250	**A1255.0X250**
	5.00	0.1968	250	315	**A1255.0X315**
	5.00	0.1968	300	400	**A1255.0X400**
13/64	5.16	0.2031	150	200	**A12513/64X200**
13/64	5.16	0.2031	200	250	**A12513/64X250**
13/64	5.16	0.2031	250	315	**A12513/64X315**
	5.50	0.2165	150	200	**A1255.5X200**
	5.50	0.2165	200	250	**A1255.5X250**
	5.50	0.2165	250	315	**A1255.5X315**
7/32	5.56	0.2188	150	200	**A1257/32X200**
7/32	5.56	0.2188	200	250	**A1257/32X250**
7/32	5.56	0.2188	250	315	**A1257/32X315**
15/64	5.95	0.2342	150	200	**A12515/64X200**
15/64	5.95	0.2342	200	250	**A12515/64X250**
	6.00	0.2362	150	200	**A1256.0X200**
	6.00	0.2362	200	250	**A1256.0X250**
	6.00	0.2362	250	315	**A1256.0X315**
	6.00	0.2362	300	400	**A1256.0X400**
1/4	6.35	0.2500	150	200	**A1251/4X200**
1/4	6.35	0.2500	200	250	**A1251/4X250**
1/4	6.35	0.2500	250	315	**A1251/4X315**
1/4	6.35	0.2500	300	400	**A1251/4X400**
1/4	6.35	0.2500	400	500	**A1251/4X500**
	6.50	0.2559	150	200	**A1256.5X200**
	6.50	0.2559	200	250	**A1256.5X250**
	6.50	0.2559	250	315	**A1256.5X315**
17/64	6.75	0.2657	150	200	**A12517/64X200**
17/64	6.75	0.2657	200	250	**A12517/64X250**
	7.00	0.2755	150	200	**A1257.0X200**
	7.00	0.2755	200	250	**A1257.0X250**
	7.00	0.2755	250	315	**A1257.0X315**
9/32	7.14	0.2811	150	200	**A1259/32X200**
9/32	7.14	0.2811	200	250	**A1259/32X250**

A125

DORMER

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
9/32	7.14	0.2811	250	315	**A1259/32X315**
	7.50	0.2952	150	200	**A1257.5X200**
	7.50	0.2952	200	250	**A1257.5X250**
	7.50	0.2952	250	315	**A1257.5X315**
5/16	7.94	0.3125	150	200	**A1255/16X200**
5/16	7.94	0.3125	200	250	**A1255/16X250**
5/16	7.94	0.3125	250	315	**A1255/16X315**
5/16	7.94	0.3125	300	400	**A1255/16X400**
5/16	7.94	0.3125	400	500	**A1255/16X500**
	8.00	0.3149	200	250	**A1258.0X250**
	8.00	0.3149	250	315	**A1258.0X315**
	8.00	0.3149	300	400	**A1258.0X400**
21/64	8.33	0.3279	250	315	**A12521/64X315**
	8.50	0.3346	200	250	**A1258.5X250**
	8.50	0.3346	250	315	**A1258.5X315**
11/32	8.73	0.3437	200	250	**A12511/32X250**
11/32	8.73	0.3437	250	315	**A12511/32X315**
11/32	8.73	0.3437	300	400	**A12511/32X400**
	9.00	0.3543	200	250	**A1259.0X250**
	9.00	0.3543	250	315	**A1259.0X315**
	9.00	0.3543	300	400	**A1259.0X400**
23/64	9.13	0.3594	250	315	**A12523/64X315**
	9.50	0.3740	200	250	**A1259.5X250**
	9.50	0.3740	250	315	**A1259.5X315**
3/8	9.53	0.3751	200	250	**A1253/8X250**
3/8	9.53	0.3751	250	315	**A1253/8X315**
3/8	9.53	0.3751	300	400	**A1253/8X400**
3/8	9.53	0.3751	400	500	**A1253/8X500**

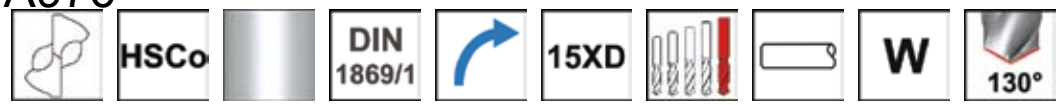
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	10.00	0.3937	200	250	**A12510.0X250**
	10.00	0.3937	250	315	**A12510.0X315**
	10.00	0.3937	300	400	**A12510.0X400**
13/32	10.32	0.4062	200	250	**A12513/32X250**
13/32	10.32	0.4062	250	315	**A12513/32X315**
	10.50	0.4133	200	250	**A12510.5X250**
	10.50	0.4133	250	315	**A12510.5X315**
	10.50	0.4133	300	400	**A12510.5X400**
	11.00	0.4330	200	250	**A12511.0X250**
	11.00	0.4330	250	315	**A12511.0X315**
	11.00	0.4330	300	400	**A12511.0X400**
7/16	11.11	0.4374	200	250	**A1257/16X250**
7/16	11.11	0.4374	250	315	**A1257/16X315**
7/16	11.11	0.4374	300	400	**A1257/16X400**
15/32	11.91	0.4688	200	250	**A12515/32X250**
15/32	11.91	0.4688	250	315	**A12515/32X315**
	12.00	0.4724	200	250	**A12512.0X250**
	12.00	0.4724	250	315	**A12512.0X315**
	12.00	0.4724	300	400	**A12512.0X400**
1/2	12.70	0.5000	200	250	**A1251/2X250**
1/2	12.70	0.5000	250	315	**A1251/2X315**
1/2	12.70	0.5000	300	400	**A1251/2X400**
1/2	12.70	0.5000	400	500	**A1251/2X500**
	13.00	0.5118	250	315	**A12513.0X315**
	13.00	0.5118	300	400	**A12513.0X400**
	14.00	0.5511	250	315	**A12514.0X315**
	14.00	0.5511	300	400	**A12514.0X400**

A976

- PFX extra dlouhý vrták
- Burghiu extralung PFX
- PFX Extra Hosszú Csigafúró
- Спиральное сверло PFX, сверхдлинное исполнение
- Wiertłotypu PFX,bardzo długie
- PFX sveder extra dolgi

PFX

A976



■ 1.3 1.4 1.5 1.6

● 1.1 1.2 2.1 2.2 2.3 3.2 3.3 3.4 4.1 4.2 4.3 6.3 6.4 7.4

d_1 $\varnothing h_8$ Inch	d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	1.50	0.0590	75	115	**A9761.5**	
	2.00	0.0787	85	125	**A9762.0X125**	
	2.10	0.0826	85	125	**A9762.1X125**	
	2.20	0.0866	90	135	**A9762.2X135**	
	2.30	0.0905	90	135	**A9762.3X135**	
	2.40	0.0944	95	140	**A9762.4X140**	
	2.50	0.0984	95	140	**A9762.5X140**	
	2.60	0.1023	95	140	**A9762.6X140**	
	2.70	0.1062	100	150	**A9762.7X150**	
	2.80	0.1102	100	150	**A9762.8X150**	
	2.90	0.1141	100	150	**A9762.9X150**	
	3.00	0.1181	100	150	**A9763.0X150**	
	3.10	0.1220	105	155	**A9763.1X155**	
1/8	3.18	0.1251	105	155	**A9761/8**	
	3.20	0.1259	105	155	**A9763.2X155**	
	3.30	0.1299	105	155	**A9763.3X155**	
	3.40	0.1338	115	165	**A9763.4X165**	
	3.50	0.1377	115	165	**A9763.5X165**	
	3.60	0.1417	115	165	**A9763.6X165**	
	3.70	0.1456	115	165	**A9763.7X165**	
	3.80	0.1496	120	175	**A9763.8X175**	
	3.90	0.1535	120	175	**A9763.9X175**	
5/32	3.97	0.1562	120	175	**A9765/32**	
	4.00	0.1574	120	175	**A9764.0X175**	
	4.10	0.1614	120	175	**A9764.1X175**	
	4.20	0.1653	120	175	**A9764.2X175**	
	4.30	0.1692	125	185	**A9764.3X185**	
	4.40	0.1732	125	185	**A9764.4X185**	
	4.50	0.1771	125	185	**A9764.5X185**	
	4.60	0.1811	125	185	**A9764.6X185**	
	4.70	0.1850	125	185	**A9764.7X185**	
3/16	4.76	0.1874	135	195	**A9763/16**	
	4.80	0.1889	135	195	**A9764.8X195**	
	4.90	0.1929	135	195	**A9764.9X195**	
	5.00	0.1968	135	195	**A9765.0X195**	
	5.10	0.2007	135	195	**A9765.1X195**	
	5.20	0.2047	135	195	**A9765.2X195**	
	5.30	0.2086	135	195	**A9765.3X195**	

d_1 $\varnothing h_8$ Inch	d_1 $\varnothing h_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	5.40	0.2125	140	205	**A9765.4X205**	
	5.50	0.2165	140	205	**A9765.5X205**	
	5.60	0.2204	140	205	**A9765.6X205**	
	5.70	0.2244	140	205	**A9765.7X205**	
	5.80	0.2283	140	205	**A9765.8X205**	
	5.90	0.2322	140	205	**A9765.9X205**	
	6.00	0.2362	140	205	**A9766.0X205**	
	6.10	0.2401	150	215	**A9766.1X215**	
	6.20	0.2440	150	215	**A9766.2X215**	
	6.30	0.2480	150	215	**A9766.3X215**	
1/4	6.35	0.2500	140	205	**A9761/4**	1)
	6.40	0.2519	150	215	**A9766.4X215**	
	6.50	0.2559	150	215	**A9766.5X215**	
	6.60	0.2598	150	215	**A9766.6X215**	
	6.70	0.2637	150	215	**A9766.7X215**	
	6.80	0.2677	155	225	**A9766.8X225**	
	6.90	0.2716	155	225	**A9766.9X225**	
	7.00	0.2755	155	225	**A9767.0X225**	
	7.50	0.2952	155	225	**A9767.5X225**	
5/16	7.94	0.3125	165	240	**A9765/16**	
	8.00	0.3149	165	240	**A9768.0X240**	
	8.50	0.3346	165	240	**A9768.5X240**	
11/32	8.73	0.3437	175	250	**A97611/32**	
	9.00	0.3543	175	250	**A9769.0X250**	
	9.50	0.3740	175	250	**A9769.5X250**	
3/8	9.53	0.3751	185	265	**A9763/8**	
	10.00	0.3937	185	265	**A97610.0X265**	
	10.50	0.4133	185	265	**A97610.5**	
	11.00	0.4330	195	280	**A97611.0**	1)
7/16	11.11	0.4374	195	280	**A9767/16**	1)
	11.50	0.4527	195	280	**A97611.5**	1)
	12.00	0.4724	205	295	**A97612.0**	1)
	12.50	0.4921	205	295	**A97612.5**	1)
1/2	12.70	0.5000	205	295	**A9761/2**	1)
	13.00	0.5118	205	295	**A97613.0**	1)
	14.00	0.5511	215	310	**A97614.0**	1)

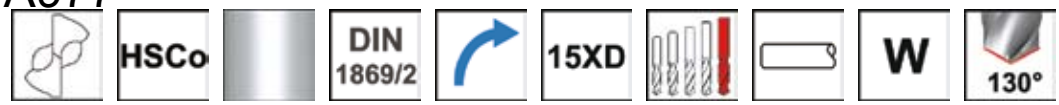
[1] Šroubovice a celková délka dle Dormer Standard / A dolgozó hossz és teljes hossz a Dormer szabvány szerint / Standard Dormer / Elicea si lungimea totala conf. Standard DORMER / Общая длина и длина стружечной канавки согласно стандартам Dormer / dolžina vijačnice in skupna dolžina po standardu Dormer

A977

- PFX extra dlouhý vrták
- Burghiu extralung PFX
- PFX Extra Hosszú Csigafúró
- Спиральное сверло PFX, сверхдлинное исполнение
- Wiertłotypu PFX,bardzo długie
- PFX sveder extra dolgi

PFX

A977



■ 1.3 1.4 1.5 1.6

● 1.1 1.2 2.1 2.2 2.3 3.2 3.3 3.4 4.1 4.2 4.3 6.3 6.4 7.4

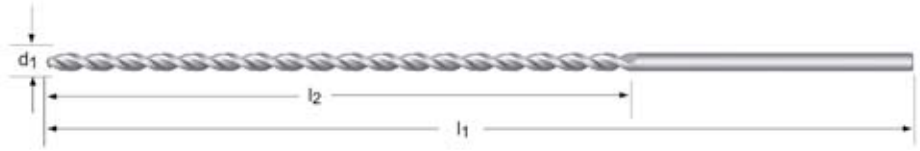
d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	1.50	0.0590	100	150	**A9771.5**	
1/16	1.59	0.0625	100	150	**A9771/16**	
	2.00	0.0787	110	160	**A9772.0**	
3/32	2.38	0.0937	115	170	**A9773/32**	
	3.00	0.1181	130	190	**A9773.0X190**	
1/8	3.18	0.1251	135	200	**A9771/8**	
	3.50	0.1377	145	210	**A9773.5X210**	
	4.00	0.1574	150	220	**A9774.0X220**	
	4.50	0.1771	160	235	**A9774.5X235**	
3/16	4.76	0.1874	170	245	**A9773/16**	
	5.00	0.1968	170	245	**A9775.0X245**	
	5.50	0.2165	180	260	**A9775.5X260**	
	6.00	0.2362	180	260	**A9776.0X260**	
1/4	6.35	0.2500	180	260	**A9771/4**	[1]
	6.50	0.2559	190	275	**A9776.5X275**	
	7.00	0.2755	200	290	**A9777.0X290**	

d_1 Øh$_8$ Inch	d_1 Øh$_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	7.50	0.2952	200	290	**A9777.5X290**	
	8.00	0.3149	210	305	**A9778.0X305**	
	8.50	0.3346	210	305	**A9778.5X305**	
11/32	8.73	0.3437	220	320	**A97711/32**	
	9.00	0.3543	220	320	**A9779.0X320**	
	9.50	0.3740	220	320	**A9779.5X320**	
	10.00	0.3937	235	340	**A97710.0X340**	
	10.50	0.4133	235	340	**A97710.5**	
	11.00	0.4330	250	365	**A97711.0**	[1]
	11.50	0.4527	250	365	**A97711.5**	[1]
	12.00	0.4724	260	375	**A97712.0**	[1]
	12.50	0.4921	260	375	**A97712.5**	[1]
	13.00	0.5118	260	375	**A97713.0**	[1]
	14.00	0.5511	270	390	**A97714.0**	[1]

[1] Šroubovice a celková délka dle Dormer Standard / A dolgozó hossz és teljes hossz a Dormer szabvány szerint / Standard Dormer / Elicea si lungimea totala conf. Standard DORMER / Общая длина и длина стружечной канавки согласно стандартам Dormer / dolžina vijačnice in skupna dolžina po standardu Dormer

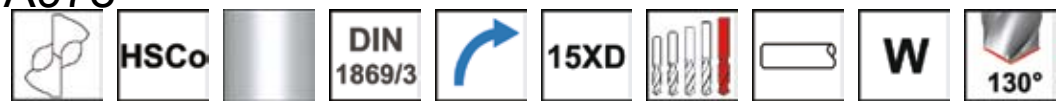
A978

- PFX extra dlouhý vrták
- Burghiu extralung PFX
- PFX Extra Hosszú Csigafúró
- Спиральное сверло PFX, сверхдлинное исполнение
- Wiertłotypu PFX,bardzo długie
- PFX sveder extra dolgi



PFX

A978



■ 1.3 1.4 1.5 1.6

● 1.1 1.2 2.1 2.2 2.3 3.2 3.3 3.4 4.1 4.2 4.3 6.3 6.4 7.4

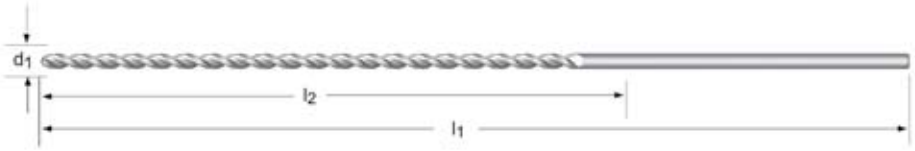
d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code	
	3.00	0.1181	160	240	**A9783.0**	
	3.50	0.1377	180	265	**A9783.5X265**	
	4.00	0.1574	190	280	**A9784.0X280**	
	4.50	0.1771	200	295	**A9784.5X295**	
	5.00	0.1968	210	315	**A9785.0X315**	
	5.50	0.2165	225	330	**A9785.5X330**	
	6.00	0.2362	225	330	**A9786.0X330**	
1/4	6.35	0.2500	225	330	**A9781/4**	1)

d_1 $Øh_8$ Inch	d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
	6.50	0.2559	235	350	**A9786.5X350**
	7.00	0.2755	250	370	**A9787.0X370**
	7.50	0.2952	250	370	**A9787.5X370**
	8.00	0.3149	265	390	**A9788.0X390**
	8.50	0.3346	265	390	**A9788.5X390**
	9.00	0.3543	280	410	**A9789.0X410**
	9.50	0.3740	280	410	**A9789.5X410**
	10.00	0.3937	295	430	**A97810.0X430**

1) Šroubovice a celková délka dle Dormer Standard / A dolgozó hossz és teljes hossz a Dormer szabvány szerint / Standard Dormer / Elicea si lungimea totala conf. Standard DORMER / Общая длина и длина стружечной канавки согласно стандартам Dormer / dolžina vijačnice in skupna dolžina po standardu Dormer

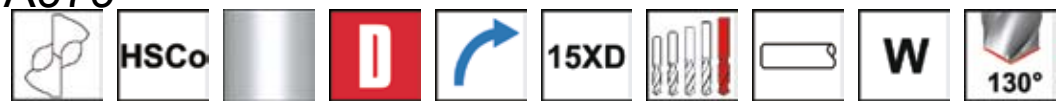
A979

- PFX extra dlouhý vrták
- Burghiu extralung PFX
- PFX Extra Hosszú Csigafúró
- Спиральное сверло PFX, сверхдлинное исполнение
- Wiertłotypu PFX,bardzo długie
- PFX sveder extra dolgi



PFX

A979



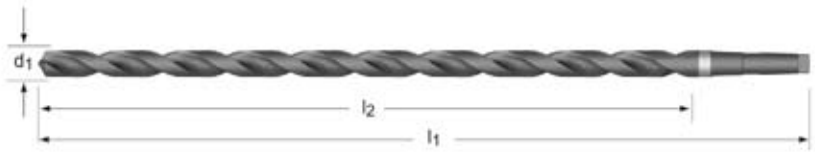
■ 1.3 1.4 1.5 1.6

● 2.1 2.2 2.3 3.2 3.3 3.4 4.1 4.2 4.3 6.3 6.4 7.4

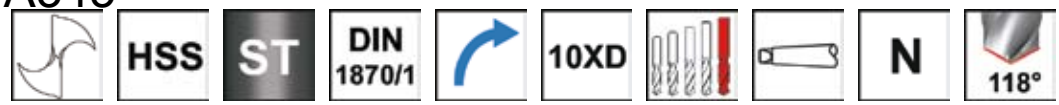
d_1 $Øh_8$ mm	d_1 decimal Inch	l_2 mm	l_1 mm	e-Code
5.00	0.1968	250	400	**A9795.0**
6.00	0.2362	250	400	**A9796.0**

A345

- Vrtáky s kuželovou stopkou, extra dlouhé
- Burghiu extralung cu coada Morse
- Kúpos Szárú Csigafúró - Extra Hosszú
- Спиральное сверло с конусом Морзе, сверхдлинное исполнение
- Wiertłobardzo długie
- sveder z MK držalom, extra dolgi



A345



■ 1.1 1.2

● 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

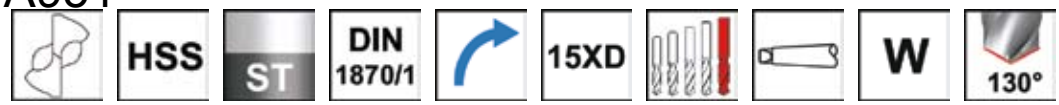
d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	8.00	0.3149	165	265	1	**A3458.0**
	8.50	0.3346	165	265	1	**A3458.5**
	9.00	0.3543	175	275	1	**A3459.0**
	9.50	0.3740	175	275	1	**A3459.5**
3/8	9.53	0.3751	185	285	1	**A3453/8**
	10.00	0.3937	185	285	1	**A34510.0**
13/32	10.32	0.4062	185	285	1	**A34513/32**
	10.50	0.4133	185	285	1	**A34510.5**
	11.00	0.4330	195	300	1	**A34511.0**
7/16	11.11	0.4374	195	300	1	**A3457/16**
	11.50	0.4527	195	300	1	**A34511.5**
29/64	11.51	0.4531	205	310	1	**A34529/64**
	12.00	0.4724	205	310	1	**A34512.0**
	12.50	0.4921	205	310	1	**A34512.5**
1/2	12.70	0.5000	205	310	1	**A3451/2**
	13.00	0.5118	205	310	1	**A34513.0**
17/32	13.49	0.5311	220	325	1	**A34517/32**
	13.50	0.5314	220	325	1	**A34513.5**
	14.00	0.5511	220	325	1	**A34514.0**
9/16	14.29	0.5625	220	340	2	**A3459/16**
37/64	14.68	0.5779	220	340	2	**A34537/64**
	15.00	0.5905	220	340	2	**A34515.0**
39/64	15.48	0.6094	230	355	2	**A34539/64**
	15.50	0.6102	230	355	2	**A34515.5**
5/8	15.88	0.6251	230	355	2	**A3455/8**
	16.00	0.6299	230	355	2	**A34516.0**
41/64	16.27	0.6405	230	355	2	**A34541/64**
	16.50	0.6496	230	355	2	**A34516.5**
21/32	16.67	0.6562	230	355	2	**A34521/32**
	17.00	0.6692	230	355	2	**A34517.0**
11/16	17.46	0.6874	245	370	2	**A34511/16**
	17.50	0.6889	245	370	2	**A34517.5**
	18.00	0.7086	245	370	2	**A34518.0**
	18.50	0.7283	245	370	2	**A34518.5**
	19.00	0.7480	245	370	2	**A34519.0**
3/4	19.05	0.7500	260	385	2	**A3453/4**
	19.50	0.7677	260	385	2	**A34519.5**
	20.00	0.7874	260	385	2	**A34520.0**

d_1 Ø Inch	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
	20.50		260	385	2	**A34520.5**
	21.00	0.8267	260	385	2	**A34521.0**
	21.50		270	405	2	**A34521.5**
	22.00	0.8661	270	405	2	**A34522.0**
7/8	22.23	0.8751	270	405	2	**A3457/8**
	22.50		270	405	3	**A34522.5**
	23.00	0.9055	270	405	3	**A34523.0**
	23.50		270	425	3	**A34523.5**
	24.00	0.9448	290	440	3	**A34524.0**
	24.50		290	440	3	**A34524.5**
	25.00	0.9842	290	440	3	**A34525.0**
1“	25.40	1.0000	290	440	3	**A3451**
	25.50		290	440	3	**A34525.5**
	26.00	1.0236	290	440	3	**A34526.0**
	26.50		290	440	3	**A34526.5**
	27.00	1.0629	305	460	3	**A34527.0**
	28.00	1.1023	305	460	3	**A34528.0**
	29.00		305	460	3	**A34529.0**
	30.00	1.1811	305	460	3	**A34530.0**
1.1/4	31.75	1.2500	320	480	3	**A3451.1/4**
	31.00		320	480	3	**A34531.0**
	32.00	1.2598	320	505	4	**A34532.0**
	33.00	1.2992	320	505	4	**A34533.0**
	34.00	1.3385	340	530	4	**A34534.0**
	35.00	1.3779	340	530	4	**A34535.0**
	36.00	1.4173	340	530	4	**A34536.0**
	37.00	1.4566	340	530	4	**A34537.0**
	38.00	1.4960	360	555	4	**A34538.0**
1.1/2	38.10	1.5000	360	555	4	**A3451.1/2**
	39.00	1.5354	360	555	4	**A34539.0**
	40.00	1.5748	360	555	4	**A34540.0**
	41.00	1.6141	360	555	4	**A34541.0**
	42.00	1.6535	360	555	4	**A34542.0**
1.3/4	44.45	1.7500	385	585	4	**A3451.3/4**
	45.00	1.7716	385	585	4	**A34545.0**
	48.00	1.8897	405	605	4	**A34548.0**
	50.00	1.9685	405	605	4	**A34550.0**

A951

- Vrtáky s kuželovou stopkou, extra dlouhé
- Burghiu extralung cu coada Morse
- Kúpos Szárú Csigafúró - Extra Hosszú
- Спиральное сверло с конусом Морзе, сверхдлинное исполнение
- Wiertłobardzo długie
- sveder z MK držalom, extra dolgi

A951



■ 1.1 1.2 1.3

● 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

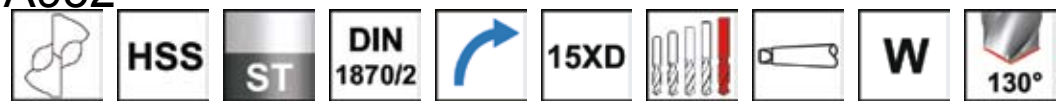
d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
10.00	0.3937	205	310	1	**A95110.0**
11.00	0.4330	205	310	1	**A95111.0**
12.00	0.4724	205	310	1	**A95112.0**
12.50	0.4921	205	310	1	**A95112.5**
13.00	0.5118	205	310	1	**A95113.0**
13.50	0.5314	220	325	1	**A95113.5**
14.00	0.5511	220	325	1	**A95114.0**
14.50	0.5708	220	340	2	**A95114.5**
15.00	0.5905	220	340	2	**A95115.0**
15.50	0.6102	230	355	2	**A95115.5**
16.00	0.6299	230	355	2	**A95116.0**
16.50	0.6496	230	355	2	**A95116.5**
17.00	0.6692	230	355	2	**A95117.0**
17.50	0.6889	245	370	2	**A95117.5**
18.00	0.7086	245	370	2	**A95118.0**
18.50	0.7283	245	370	2	**A95118.5**

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
19.00	0.7480	245	370	2	**A95119.0**
19.50	0.7677	260	385	2	**A95119.5**
20.00	0.7874	260	385	2	**A95120.0**
21.00	0.8267	260	385	2	**A95121.0**
22.00	0.8661	270	405	2	**A95122.0**
23.00	0.9055	270	405	2	**A95123.0**
24.00	0.9448	290	440	3	**A95124.0**
25.00	0.9842	290	440	3	**A95125.0**
26.00	1.0236	290	440	3	**A95126.0**
27.00	1.0629	305	460	3	**A95127.0**
28.00	1.1023	305	460	3	**A95128.0**
29.00	1.1417	305	460	3	**A95129.0**
30.00	1.1811	305	460	3	**A95130.0**

A952

- Vrtáky s kuželovou stopkou, extra dlouhé
- Burghiu extralung cu coada Morse
- Kúpos Szárú Csigafúró - Extra Hosszú
- Спиральное сверло с конусом Морзе, сверхдлинное исполнение
- Wiertłobardzo długie
- sveder z MK držalom, extra dolgi

A952



■ 1.1 1.2 1.3

● 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

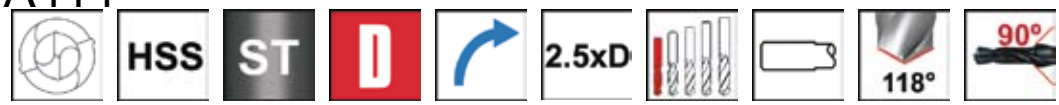
d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
8.00	0.3149	210	330	1	**A9528.0**
8.50	0.3346	210	330	1	**A9528.5**
9.00	0.3543	220	345	1	**A9529.0**
10.00	0.3937	235	360	1	**A95210.0**
10.50	0.4133	235	360	1	**A95210.5**
11.00	0.4330	250	375	1	**A95211.0**
11.50	0.4527	250	375	1	**A95211.5**
12.00	0.4724	260	395	1	**A95212.0**
12.50	0.4921	260	395	1	**A95212.5**
13.00	0.5118	260	395	1	**A95213.0**
13.50	0.5314	275	410	1	**A95213.5**
14.00	0.5511	275	410	1	**A95214.0**
14.50	0.5708	275	425	2	**A95214.5**
15.00	0.5905	275	425	2	**A95215.0**
15.50	0.6102	295	445	2	**A95215.5**
16.00	0.6299	295	445	2	**A95216.0**
16.50	0.6496	295	445	2	**A95216.5**
17.00	0.6692	295	445	2	**A95217.0**
17.50	0.6889	310	465	2	**A95217.5**
18.00	0.7086	310	465	2	**A95218.0**
18.50	0.7283	310	465	2	**A95218.5**
19.00	0.7480	310	465	2	**A95219.0**

d_1 Øh8 mm	d_1 decimal Inch	l_2 mm	l_1 mm	MK	e-Code
19.50	0.7677	325	490	2	**A95219.5**
20.00	0.7874	325	490	2	**A95220.0**
21.00	0.8267	325	490	2	**A95221.0**
22.00	0.8661	345	515	2	**A95222.0**
23.00	0.9055	345	515	2	**A95223.0**
24.00	0.9448	365	555	3	**A95224.0**
25.00	0.9842	365	555	3	**A95225.0**
26.00	1.0236	365	555	3	**A95226.0**
27.00	1.0629	385	580	3	**A95227.0**
28.00	1.1023	385	580	3	**A95228.0**
29.00	1.1417	385	580	3	**A95229.0**
30.00	1.1811	385	580	3	**A95230.0**
31.00	1.2204	410	610	3	**A95231.0**
32.00	1.2598	410	635	4	**A95232.0**
33.00	1.2992	410	635	4	**A95233.0**
34.00	1.3385	430	665	4	**A95234.0**
35.00	1.3779	430	665	4	**A95235.0**
38.00	1.4960	460	695	4	**A95238.0**
40.00	1.5748	460	695	4	**A95240.0**

A414

- Stupňovitý navrtávák
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло
- Wiertłostopniowe
- sveder za grezenje

A414



■ 1.1 1.2 1.3 1.4 2.1 3.1 3.2

● 1.5 1.6 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

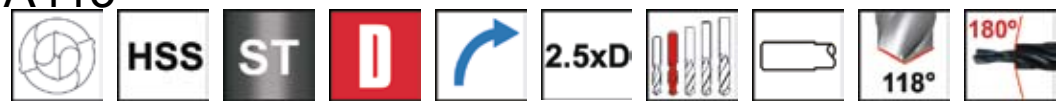
M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	2.50	0.0984	20	52	8.8	3.4	**A414M3**
M4	3.30	0.1299	24	58	11.4	4.5	**A414M4**
M5	4.20	0.1653	28	66	13.6	5.5	**A414M5**
M6	5.00	0.1968	31	70	16.5	6.6	**A414M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	6.80	0.2677	40	84	21.0	9.0	**A414M8**
M10	8.50	0.3346	47	95	25.5	11.0	**A414M10**
M12	10.20	0.4015	54	107	30.0	13.5	**A414M12**

A413

- Stupňovitý navrtávák
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло
- Wiertłostopniowe
- sveder za grezenje

A413



■ 1.1 1.2 1.3 1.4 2.1 3.1 3.2

● 1.5 1.6 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

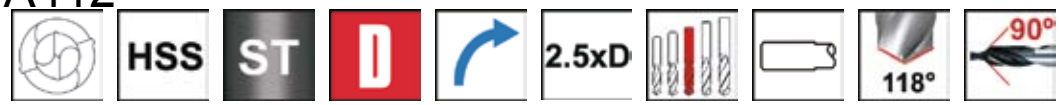
M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	3.40	0.1338	28	66	9	6.0	**A413M3**
M4	4.50	0.1771	37	79	11	8.0	**A413M4**
M5	5.50	0.2165	43	89	13	10.0	**A413M5**
M6	6.60	0.2598	47	95	15	11.0	**A413M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	9.00	0.3543	56	111	19	15.0	**A413M8**
M10	11.00	0.4330	62	123	23	18.0	**A413M10**

A412

- Stupňovitý navrtávák
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло
- Wiertłostopniowe
- sveder za grezenje

A412



■ 1.1 1.2 1.3 1.4 2.1 3.1 3.2

● 1.5 1.6 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	3.40	0.1338	31	70	9	6.6	**A412M3**
M4	4.50	0.1771	40	84	11	9.0	**A412M4**
M5	5.50	0.2165	47	95	13	11.0	**A412M5**
M6	6.60	0.2598	51	102	15	13.0	**A412M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	9.00	0.3543	62	123	19	17.2	**A412M8**
M10	11.00	0.4330	70	141	23	21.5	**A412M10**

A401

- Stupňovitý vrták
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло для обработки отверстий под резьбу
- Wiertłodwustopniowe
- sveder dvostopenjski

A401

Hrot dle DIN 1809 / Menesztő a DIN 1809 szabvány szerint / Chwyt zgodnie z DIN 1809 / Antrenor conf. DIN 1809 / Согласно DIN 1809 / DIN 1809

■ 1.1 1.2 1.3 1.4 3.1 3.2

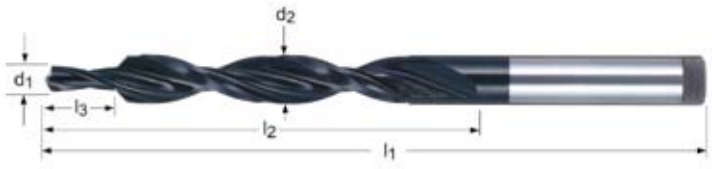
● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	2.50	0.0984	39	70	8.8	3.4	**A401M3**
M4	3.30	0.1299	47	80	11.4	4.5	**A401M4**
M5	4.20	0.1653	57	93	13.6	5.5	**A401M5**
M6	5.00	0.1968	63	101	16.5	6.6	**A401M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	6.80	0.2677	81	125	21.0	9.0	**A401M8**
M10	8.50	0.3346	94	142	25.5	11.0	**A401M10**
M12	10.20	0.4015	108	160	30.0	13.5	**A401M12**

A400

- Stupňovitý vrták
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло для обработки отверстий под резьбу
- Wiertłodwustopniowe
- sveder dvostopenjski



A400

HSS | ST | DIN 8374 | 4xD | N | 118° | 90°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	3.20	0.1259	57	93	9	6.0	**A400M3**
M4	4.30	0.1692	75	117	11	8.0	**A400M4**
M5	5.30	0.2086	87	133	13	10.0	**A400M5**
M6	6.40	0.2519	94	142	15	11.5	**A400M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	8.40	0.3307	114	169	19	15.0	**A400M8**
M10	10.50	0.4133	135	198	23	19.0	**A400M10**

A402

- Stupňovitý vrták
- Burghiu in trepte
- Lépcsős Csigafúró
- Ступенчатое сверло для обработки отверстий под резьбу
- Wiertłodwustopniowe
- sveder dvostopenjski

A402

Hrot dle DIN 1809 / Menesztő a DIN 1809 szabvány szerint / Chwyt zgodnie z DIN 1809 / Antrenor conf. DIN 1809 / Согласно DIN 1809 / DIN 1809

■ 1.1 1.2 1.3 1.4 3.1 3.2

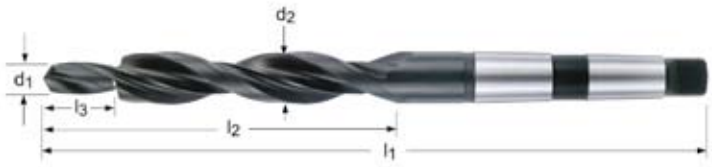
● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M3	3.40	0.1338	57	93	9	6	**A402M3**
M4	4.50	0.1771	75	117	11	8	**A402M4**
M5	5.50	0.2165	87	133	13	10	**A402M5**
M6	6.60	0.2598	94	142	15	11	**A402M6**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	e-Code
M8	9.00	0.3543	114	169	19	15	**A402M8**
M10	11.00	0.4330	130	191	23	18	**A402M10**

A405

- Stupňovitý vrták
- Burghiu in trepte
- Kúpos szárú lépcsős csigafúró
- Ступенчатое сверло для обработки отверстий под резьбу
- Wiertłodwustopniowe
- sveder dvostopenjski



A405

HSS | ST | DIN 8377 | 4xD | N | 118° | 180°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	MK	e-Code
M5	5.50	0.2165	87	168	13	10	1	**A405M5**
M6	6.60	0.2598	94	175	15	11	1	**A405M6**
M8	9.00	0.3543	114	212	19	15	2	**A405M8**
M10	11.00	0.4330	130	228	23	18	2	**A405M10**
M12	13.50	0.5314	140	238	27	20	2	**A405M12**
M14	15.50	0.6102	160	281	31	24	3	**A405M14**

M	d_1 Ø mm	d_1 decimal Inch	l_2 mm	l_1 mm	l_3 mm	d_2 Ø mm	MK	e-Code
M16	17.50	0.6889	165	286	35	26	3	**A405M16**
M18	20.00	0.7874	175	296	39	30	3	**A405M18**
M20	22.00	0.8661	185	334	43	33	4	**A405M20**

A200

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A200

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code	
0.50	0.0196	3.15	1.0 - 0.8	25.0	**A200.5X3.15**	4)
0.80	0.0314	3.15	1.5 - 1.1	25.0	**A200.8X3.15**	4)
1.00	0.0393	3.15	1.9 - 1.3	31.5	**A2001.0X3.15**	
1.25	0.0492	3.15	2.2 - 1.6	31.5	**A2001.25X3.15**	
1.60	0.0629	4.00	2.8 - 2.0	35.5	**A2001.6X4.0**	
2.00	0.0787	5.00	3.3 - 2.5	40.0	**A2002.0X5.0**	
2.50	0.0984	6.30	4.1 - 3.1	45.0	**A2002.5X6.3**	
3.15	0.1240	8.00	4.9 - 3.9	50.0	**A2003.15X8.0**	

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
4.00	0.1574	10.00	6.2 - 5.0	56.0	**A2004.0X10.0**
5.00	0.1968	12.50	7.5 - 6.3	63.0	**A2005.0X12.5**
6.30	0.2480	16.00	9.2 - 8.0	71.0	**A2006.3X16.0**
8.00	0.3149	20.00	11.5 - 10.1	80.0	**A2008.0X20.0**
10.00	0.3937	25.00	14.2 - 12.8	100.0	**A20010.0X25.0**
12.50	0.4921	31.50	19.0 - 16.5	125.0	**A20012.5X31.5**

4) Pouze jednostranný / Egyoldalas / Pojedyncze / Cu un capat / Только односторонний / enostranski

A201

- Středicí navrtávák
- Burghiu de centruire
- Központfúró
- Центровочное сверло
- Wiertłodo nakielków
- sveder središčni

A201

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
0.63	0.0248	3.15	1.2 - 0.9	20.0	**A201.63X3.15**
0.75	0.0295	3.50	1.3 - 1.0	35.0	**A201.75X3.5**
1.00	0.0393	4.00	2.1 - 1.5	31.5	**A2011.0X4.0**
1.50	0.0590	5.00	2.8 - 2.0	40.0	**A2011.5X5.0**
1.60	0.0629	5.00	2.4 - 2.0	40.0	**A2011.6X5.0**
2.00	0.0787	6.00	4.0 - 3.0	45.0	**A2012.0X6.0**
2.00	0.0787	6.30	2.9 - 2.5	45.0	**A2012.0X6.3**
2.50	0.0984	8.00	4.5 - 3.5	50.0	**A2012.5X8.0**

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
3.00	0.1181	8.00	4.4 - 3.9	50.0	**A2013.0X8.0**
3.00	0.1181	10.00	5.0 - 4.0	56.0	**A2013.0X10.0**
3.15	0.1240	10.00	4.4 - 3.9	56.0	**A2013.15X10.0**
4.00	0.1574	12.00	6.2 - 5.0	66.0	**A2014.0X12.0**
5.00	0.1968	14.00	7.7 - 6.5	78.0	**A2015.0X14.0**
6.00	0.2362	18.00	9.2 - 8.0	90.0	**A2016.0X18.0**

A204

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A204

Protected form / védő süllyesztéssel / Ksztalt Chroniony / Forma cu protectie / Форма с защитой / Zaščitena

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	d_3 Ø mm	l_2 max/min mm	l_1 mm	e-Code
1.00	0.0393	4.00	2.12	1.9 - 1.3	35.5	**A2041.0X4.0**
1.60	0.0629	6.30	3.35	2.8 - 2.0	45.0	**A2041.6X6.3**
2.00	0.0787	8.00	4.25	3.3 - 2.5	50.0	**A2042.0X8.0**
2.50	0.0984	10.00	5.3	4.1 - 3.1	56.0	**A2042.5X10.0**
3.15	0.1240	11.20	6.7	4.9 - 3.9	60.0	**A2043.15X11.2**
4.00	0.1574	14.00	8.5	6.2 - 5.0	67.0	**A2044.0X14.0**
5.00	0.1968	18.00	10.6	7.5 - 6.3	75.0	**A2045.0X18.0**
6.30	0.2480	20.00	13.2	9.2 - 8.0	80.0	**A2046.3X20.0**
10.00	0.3937	31.50	21.2	14.2 - 12.8	125.0	**A20410.0X31.5**

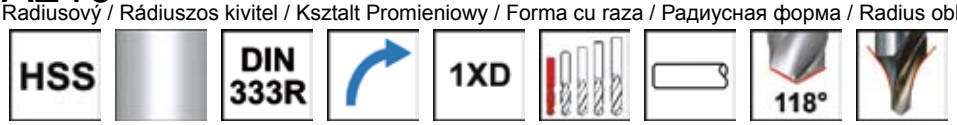
A210

DORMER

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A210

Radiusový / Rádiuszos kivitel / Ksztalt Promieniowy / Forma cu raza / Радиусная форма / Radius oblika



■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 mm	l_1 mm	r max/min	e-Code	
0.50	0.0196	3.15	3.12	1.60 - 1.25	25.0	**A210.5X3.15**	4)
0.80	0.0314	3.15	2.65	2.50 - 2.00	25.0	**A210.8X3.15**	4)
1.00	0.0393	3.15	3.00	3.15 - 2.50	31.5	**A2101.0X3.15**	
1.25	0.0492	3.15	3.35	4.00 - 3.15	31.5	**A2101.25X3.15**	
1.60	0.0629	4.00	4.25	5.00 - 4.00	35.5	**A2101.6X4.0**	
2.00	0.0787	5.00	5.30	6.30 - 5.00	40.0	**A2102.0X5.0**	
2.50	0.0984	6.30	6.70	8.00 - 6.30	45.0	**A2102.5X6.3**	
3.15	0.124	8.00	8.50	10.0 - 8.00	50.0	**A2103.15X8.0**	
4.00	0.1574	10.00	10.6	12.5 - 10.0	56.0	**A2104.0X10.0**	
5.00	0.1968	12.50	13.2	16.0 - 12.5	63.0	**A2105.0X12.5**	
6.30	0.248	16.00	17.0	20.0 - 16.0	71.0	**A2106.3X16.0**	
8.00	0.3149	20.00	21.2	25.0 - 20.0	80.0	**A2108.0X20.0**	
10.00	0.3937	25.00	26.5	31.5 - 25.0	100.0	**A21010.0X25.0**	
12.50	0.4921	31.50	33.5	40.0 - 31.5	125.0	**A21012.5X31.5**	

4) Pouze jednostranný / Egyoldalas / Pojedyncze / Cu un capat / Только односторонний / enostranski

A225

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A225

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

Nr.	d_1 Ø Inch	d_1 decimal Inch	d_2 Ø Inch	l_2 max/min Inch	l_1 Inch	e-Code
BS1	3/64	0.0468	1/8	5/64 - 1/16	1.1/2	**A225BS1**
BS2	1/16	0.0625	3/16	3/32 - 5/64	1.3/4	**A225BS2**
BS3	3/32	0.0937	1/4	5/32 - 1/8	2“	**A225BS3**
BS4	1/8	0.1250	5/16	3/16 - 5/32	2.1/4	**A225BS4**
BS5	3/16	0.1874	7/16	9/32 - 1/4	2.1/2	**A225BS5**
BS5A	7/32	0.2187	1/2	5/16 - 9/32	2.3/4	**A225BS5A**
BS6	1/4	0.2500	5/8	3/8 - 5/16	3“	**A225BS6**
BS7	5/16	0.3125	3/4	15/32 - 13/32	3.1/2	**A225BS7**

A227

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A227

Typ Bell - zvonovitá forma / Kúpos védő süllyesztéssel / Chroniony ksztalt typu Bell / Forma cu protectie tip Bell / Форма с защитой Белла / Zvonasta zaščitena oblika

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

Nr.	d_1 Ø Inch	d_1 decimal Inch	l_2 max/min Inch	l_1 Inch	d_2 Ø Inch	d_3 Ø Inch	e-Code
1	3/64	0.0468	5/64 - 1/16	1.1/2	1/8	0.0750	**A227N1**
2	1/16	0.0625	3/32 - 5/64	1.3/4	3/16	0.1120	**A227N2**
3	3/32	0.0937	5/32 - 1/8	2“	1/4	0.1500	**A227N3**
4	7/64	0.1093	3/16 - 5/32	2.1/4	5/16	0.1880	**A227N4**
4A	1/8	0.1250	3/16 - 5/32	2.1/2	3/8	0.2250	**A227N4A**
5	5/32	0.1562	1/4 - 7/32	2.1/2	7/16	0.2620	**A227N5**
5A	3/16	0.1874	9/32 - 1/4	2.3/4	1/2	0.3000	**A227N5A**
6	7/32	0.2187	11/32 - 9/32	3“	5/8	0.3750	**A227N6**
7	1/4	0.2500	13/32 - 11/32	3.1/2	3/4	0.4500	**A227N7**

A260

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A260

HSS-E | DIN 333A | 1XD | 118° | 60°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
2.00	0.0787	5.00	3.3 - 2.5	40.0	**A2602.0X5.0**
2.50	0.0984	6.30	4.1 - 3.1	45.0	**A2602.5X6.3**
3.15	0.1240	8.00	4.9 - 3.9	50.0	**A2603.15X8.0**
4.00	0.1574	10.00	6.2 - 5.0	56.0	**A2604.0X10.0**

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
5.00	0.1968	12.50	7.5 - 6.3	63.0	**A2605.0X12.5**

A205

- Středicí navrtávák
- Burghiu de centruire
- Központfúró
- Центровочное сверло
- Wiertłodo nakielków
- sveder središcni

A205

HSS | TiN | DIN 333A | 1XD | 118° | 60°

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
1.00	0.0393	3.15	1.9 - 1.3	31.5	**A2051.0X3.15**
1.25	0.0492	3.15	2.2 - 1.6	31.5	**A2051.25X3.15**
1.60	0.0629	4.00	2.8 - 2.0	35.5	**A2051.6X4.0**
2.00	0.0787	5.00	3.3 - 2.5	40.0	**A2052.0X5.0**

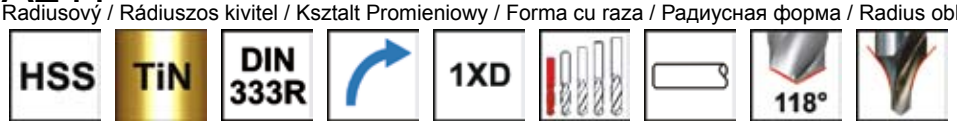
d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 max/min mm	l_1 mm	e-Code
2.50	0.0984	6.30	4.1 - 3.1	45.0	**A2052.5X6.3**
3.15	0.1240	8.00	4.9 - 3.9	50.0	**A2053.15X8.0**
4.00	0.1574	10.00	6.2 - 5.0	56.0	**A2054.0X10.0**
5.00	0.1968	12.50	7.5 - 6.3	63.0	**A2055.0X12.5**

A211

- Středicí navrtávák
- Központfúró
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središčni

A211

Radiusový / Rádiuszos kivitel / Ksztalt Promieniowy / Forma cu raza / Радиусная форма / Radius oblika



■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 mm	l_1 mm	r max/min	e-Code
1.60	0.0629	4.00	4.25	35.5	5.00 - 4.00	**A2111.6X4.0**
2.00	0.0787	5.00	5.30	40.0	6.30 - 5.00	**A2112.0X5.0**
2.50	0.0984	6.30	6.70	45.0	8.00 - 6.30	**A2112.5X6.3**
3.15	0.124	8.00	8.50	50.0	10.0 - 8.00	**A2113.15X8.0**
4.00	0.1574	10.00	10.6	56.0	12.5 - 10.0	**A2114.0X10.0**
5.00	0.1968	12.50	13.2	63.0	16.0 - 12.0	**A2115.0X12.5**

A202

- Středicí navrtávák extra dlouhý
- Burghiu centruire extralung
- Extra Hosszú Központfúró
- Сверхдлинное центровочное сверло
- Wiertłodo nakielków - b.dlugie
- sveder središcni, dolgi

A202

■ 1.1 1.2 1.3 1.4 3.1 3.2

● 1.5 1.6 2.1 2.2 2.3 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 mm	l_1 mm	e-Code
0.75	0.0295	3.50	1.10	60.0	**A202.75X3.5**
1.00	0.0393	4.00	1.45	60.0	**A2021.0X4.0**
1.50	0.0590	5.00	2.20	60.0	**A2021.5X5.0**
2.00	0.0787	6.00	2.70	80.0	**A2022.0X6.0**
2.50	0.0984	8.00	3.35	80.0	**A2022.5X8.0**
3.00	0.1181	8.00	4.15	80.0	**A2023.0X8.0**

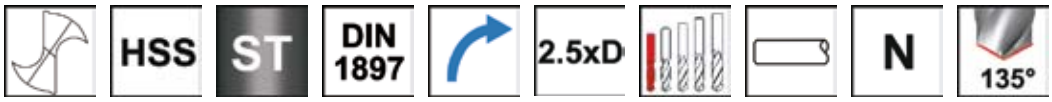
d_1 Ø mm	d_1 decimal Inch	d_2 Ø mm	l_2 mm	l_1 mm	e-Code
3.00	0.1181	10.00	4.15	100.0	**A2023.0X10.0**
4.00	0.1574	10.00	5.30	100.0	**A2024.0X10.0**
4.00	0.1574	12.00	5.30	100.0	**A2024.0X12.0**

A189

- Vrták základní délka, sada
- Set burghie lungi
- Csigafúró készlet
- Набор спиральных сверл, короткое исполнение
- Komplet wiertel ogólnego stosowania
- svedri spiralni v garnituri

A189

118° úhel až do 2,9 mm. A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / 118° csúcsszög 2,9mm alatt. A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / 118st. Do sr. 2,9mm. A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=zakres srednic wystepujacy w komplecie / Varf la 118ş pana la 2,9mm. A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / 118є стандартная заточка до 2,9 мм. A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / 118st konica do 2,9mm. A = v setu, B=Št.svedrov v grt, C=Premeri v grt



Nr.	A	B	C	e-Code
200S	A120	24	1.0 mm - 10.5 mm x 0.5 mm + 3.3 - 4.2 - 6.8 - 10.2 mm	**A189200S**

DORMER

- Vrták základní délka, sada
- Csigafúró készlet
- Komplet wiertel ogólnego stosowania
- Set burghie lungi
- Набор спиральных сверл, короткое исполнение
- svedri spiralni v garnituri

022

A088

A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
200S	A022	24	1.0 mm - 10.5 mm x 0.5 mm + 3.3 - 4.2 - 6.8 - 10.2 mm	**A088200S**

A190

- Vrták základní délka, sada
- Set burghie lungi
- Csigafúró készlet
- Набор спиральных сверл, короткое исполнение
- Komplet wiertel ogólnego stosowania
- svedri spiralni v garnituri

A190

A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
3	A100	21	1/16 - 3/8 x 1/64	**A1903**
12	A100	60	Nr.1 - Nr.60	**A19012**
14	A100	26	A - Z	**A19014**
18	A100	29	1/16 - 1/2 x 1/64	**A19018**
20	A100	15	1/16 - 1/2 x 1/32	**A19020**
200	A100	24	1.0 mm - 10.5 mm x 0.5 mm + 3.3 - 4.2 - 6.8 - 10.2 mm	**A190200**
201	A100	19	1.0 mm - 10.0 mm x 0.5 mm	**A190201**
202	A100	51	1.0 mm - 6.0 mm x 0.1 mm	**A190202**
203	A100	41	6.0 mm - 10.0 mm x 0.1 mm	**A190203**
204	A100	25	1.0 mm - 13.0 mm x 0.5 mm	**A190204**
206	A100	29	1.0 mm - 13.0 mm x 0.5 mm + 3.3 - 4.2 - 6.8 - 10.2 mm	**A190206**
209	A100	91	1.0 mm - 10.0 mm x 0.1 mm	**A190209**

A191

- Vrták základní délka, sada
- Csigafúró készlet
- Komplet wiertel ogólnego stosowania
- Set burghie lungi
- Набор спиральных сверл, короткое исполнение
- svedri spiralni v garnituri

A191

Broušený povrch pod 1,0 mm, 3/64”, N60. A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / Fényes kivitel 1,0mm alatt, 3/64”. A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / Jasny Ponizej 1,0mm,3/64’’,N60. A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie C=Zakres srednic w komplecie / Lucios sub 1,0 mm, 3/64”, N60 A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / Менее 1,0 мм,3/64”,N60 - полированные, A = Types in Set, B=кол-во сверл в наборе,C=диаметры в наборе/ Svetli pod 1,0mm, 3/64”, N60. A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
31M	A100	20	0.3 mm - 1.0 mm x 0.05 mm + 0.38 - 0.52 - 0.58 - 0.78 - 0.82 mm	**A19131M**
61-80	A100	20	N61 - N80	**A19161-80**
413	A100	13	1.5 mm - 6.5 mm x 0.5 mm + 3.3 - 4.2 mm	**A191413**
419	A100	19	1.0 mm - 10.0 mm x 0.5 mm	**A191419**

A199

- Vrták základní délka, sada - pořadač
- Set burghie lungi - Raft depozitare
- Csigafúró készlet - Osztott, adagoló tárolószekrénnyel
- Набор спиральных сверл в металлическом стеллаже
- Komplet wiertel ogólnego stosowania
- svedri spiralni v garnituri

A199

A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
F1	A100	380	5 x 13/32, 7/16, 15/32, 1/2 10 x 5/64, 7/64, 9/64, 11/64, 13/64, 15/64, 17/64, 9/32, 19/64, 5/16, 21/64, 11/32, 23/64, 3/8 20 x 1/16, 7/32, 1/4 30 x 3/32 40 x 5/32, 3/16 50 x 1/8	**A199F1**
M1	A100	340	5 x 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm 10 x 1.5mm, 2.5mm, 3.5mm, 4.5mm, 5.5mm 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm 20 x 1mm, 5mm, 6mm 30 x 2mm: 40 x 4mm 50 x 3mm.	**A199M1**

A095

- Vrták základní délka, sada
- Set burghie lungi
- Csigafúró készlet
- Набор спиральных сверл, короткое исполнение
- Komplet wiertel ogólnego stosowania
- svedri spiralni v garnituri

A095

1.0mm- 2.9 mm (včetně) 4-fazetová špička 118°, nad prům. 2.9 speciální geometrie špičky 118° (Dormer P.S.Point) pro vyšší přesnost A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě C=rozměry v sadě / 1.0mm - 2.9mm bezárólag 118° 4 köszörült élpont A = Típusok a készletben, B=Fúrók száma a készletben. C=Átmérők a készletben / 1.0mm-2.9mm(wlacznie) 118st. 4 Plaszczyznowe Ostrze A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie.C=Zakres srednic wystepujacy w komplecie / 1.0mm - 2.9mm (inclusiv) 118ş Varf cu 4 fatete. A = Types in Set, B=Nr. burghie in set. C=Diametre in set / 1.0мм - 2.9мм (включительно) 118є стандартная заточка. A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / 1.0mm - 2.9mm (vsebuje) 118st 4 ploskovna konica. A = v setu, B=Št. svedrov v grt. C=Premeri v grt

Nr.	A	B	C	e-Code
18	A002	29	1/16 - 1/2 x 1/64	**A09518**
201	A002	19	1.0 mm - 10.0 mm x 0.5 mm	**A095201**
202	A002	51	1.0 mm - 6.0 mm x 0.1 mm	**A095202**
203	A002	41	6.0 mm - 10.0 mm x 0.1 mm	**A095203**
204	A002	25	1.0 mm - 13.0 mm x 0.5 mm	**A095204**
206	A002	29	1.0 mm - 13.0 mm x 0.5 mm + 3.3 - 4.2 - 6.8 - 10.2 mm	**A095206**
209	A002	91	1.0 mm - 10.0 mm x 0.1 mm	**A095209**

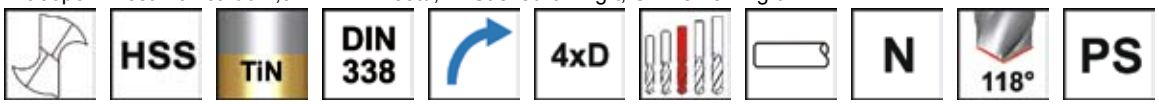
A096

- Vrták základní délka, sada
- Csigafúró készlet
- Komplet wiertel ogólnego stosowania
- Set burghie lungi
- Набор спиральных сверл, короткое исполнение
- svedri spiralni v garnituri

002

A096

1.0mm- 2.9 mm (včetně) 4-fazetová špička 118°, nad prům. 2.9 speciální geometrie špičky 118° (Dormer P.S.Point) pro vyšší přesnost. A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / 118° csúcsszög 2,9mm alatt. A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / 118st. Do sr. 2,9mm. A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=zakres srednic wystepujacy w komplecie / Varf la 118ş pana la 2,9mm. A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / 118є стандартная заточка до 2,9 мм. A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / 118st. konica do 2,9mm. A = v setu, B=Št.svedrov v grt, C=Premeri v grt



Nr.	A	B	C	e-Code
419	A002	19	1.0 mm - 10.0 mm x 0.5 mm	**A096419**
413	A002	13	1.5 mm - 6.5 mm x 0.5 mm + 3.3 - 4.2 mm	**A096413**

A099

- Vrták základní délka, sada - pořadač
- Set burghie lungi - Raft depozitare
- Csigafúró készlet - Osztott, adagoló tárolószekrénnyel
- Набор спиральных сверл в металлическом стеллаже
- Komplet wiertel ogólnego stosowania
- svedri spiralni v garnituri

002

A099

1.0mm- 2.9 mm (včetně) 4-fazetová špička 118°, nad prům. 2.9 speciální geometrie špičky 118° (Dormer P.S.Point) pro vyšší přesnost A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě C=rozměry v sadě / 1.0mm - 2.9mm bezárólag 1118° 4 köszörült élpont A = Típusok a készletben, B=Fúrók száma a készletben. C=Átmérők a készletben / 1.0mm-2.9mm(wlacznie) 118st. 4 Plaszczyznowe Ostrze A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie.C=Zakres srednic wystepujacy w komplecie / 1.0mm - 2.9mm (inclusiv) 118ş Varf cu 4 fatete. A = Types in Set, B=Nr. burghie in set. C=Diametre in set / 1.0мм - 2.9мм (включительно) 118є стандартная заточка. A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / 1.0mm - 2.9mm (vsebuje) 118st. 4 ploskovna konica. A = v setu, B=Št. svedrov v grt. C=Premeri v grt

Nr.	A	B	C	e-Code
F1	A002	380	5 x 13/32, 7/16, 15/32, 1/2) 10 x 5/64, 7/64, 9/64, 11/64, 13/64, 15/64, 17/64, 9/32, 19/64, 5/16, 21/64, 11/32, 23/64, 3/8 20 x 1/16, 7/32, 1/4 30 x 3/32 40 x 5/32, 3/16 50 x 1/8	**A099F1**
M1	A002	340	5 x 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm 10 x 1.5mm, 2.5mm, 3.5mm, 4.5mm, 5.5mm 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm 20 x 1mm, 5mm, 6mm 30 x 2mm 40 x 4mm. 50 x 3mm.	**A099M1**

A295

- Vrták základní délka, sada
- Csigafúró készlet
- Komplet wiertel ogólnego stosowania
- Set burghie lungi
- Набор спиральных сверл, короткое исполнение
- svedri spiralni v garnituri

A295

1.0mm- 2.9 mm (včetně) 4-fazetová špička 118°, nad prům. 2.9 speciální geometrie špičky 118° (Dormer P.S.Point) pro vyšší přesnost A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / 4 köszörült élpont 1,4mm alatt. A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / 4 Plaszczyznowe Ostrze do 1.4mm. A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / Varf cu 4 fatete pana la 1.4mm. A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / 118? стандартная заточка до 1,4 мм. A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / 5 ploskovna konica do 1.4mm. A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
219	A777	19	1.0 mm - 10.0 mm x 0.5 mm	**A295219**
225	A777	25	1.0 mm - 13.0 mm x 0.5 mm	**A295225**

A296

- Středicí navrtávák
- Központfúró készlet
- Wiertłodo nakielków
- Burghiu de centruire
- Центровочное сверло
- sveder središcni

A296

A = katalogové číslo jednotlivých vrtáků, B=počet vrtáků v sadě, C=rozměry v sadě / A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / A = Types in Set, B=кол-во сверл в наборе, C=диаметры в наборе / A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A			B	C	e-Code
200	A200	DIN 333A	118°	5	1.0 mm - 4.0 mm	**A296200**
225	A225	BS 328	120°	5	BS1 - BS5	**A296225**

DORMER

	B463	B460	B464	B461	B465	B462	B400	B481	B441	B451	B411	B442	B452	G400	G405
															
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
			TiAlN	TiAlN	TiAlN	TiAlN									
	D	D	D	D	D	D	DIN 8093	DIN 8093	DIN 8050	DIN 8050	DIN 8094	DIN 8051	DIN 8051	DIN 335 C	DIN 335
	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA		DIN 6535 HA							
	B	A	B	A	B	A	B	B	A	A	B	A	A		
	H7	H7	H7	H7	H7	H7	H7		H7	H7	H7	H7	H7	90°	90°
	3.97 - 20.00	3.97 - 20.00	3.97 - 20.00	3.97 - 20.00	3.97 - 20.00	3.97 - 20.00	1.00 - 20.00	0.98 - 12.05	10.00 - 20.00	8.00 - 20.00	5.00 - 30.00	10.00 - 20.00	8.00 - 30.00	6.30 - 31.00	8.30 - 12.40
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09								NEW 2008.09	NEW 2008.09

	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202
1.1	■30D	■30D	■185F	■185F			●18B	●18B	●18B	●16B	●18B	●18B	●16B	■30F	■30F
1.2	■30D	■30D	■185F	■185F			●18B	●18B	●18B	●16B	●18B	●18B	●16B	■25E	■25E
1.3	■30D	■30D	■185F	■185F			●14B	●14B	●14B	●12B	●14B	●14B	●12B	■20D	■20D
1.4	■25D	■25D	■160E	■160E			●14B	●14B	●14B	●12B	●14B	●14B	●12B	■15D	■15D
1.5	■20B	■20B	■140E	■140E			■10C	■10C	■10C	■8C	■10C	■10C	■8C	■10B	■10B
1.6	■15B	■15B	■120E	■120E			■10C	■10C	■10C	■8C	■10C	■10C	■8C	●6A	●6A
1.7															
1.8															
2.1					■40D	■40D								●8C	●8C
2.2					■40D	■40D								●6B	●6B
2.3					■30D	■30D								●4A	●4A
2.4					■30D	■30D									
3.1	■40D	■40D	■120F	■120F			■17D	■17D	■17D	■15D	■17D	■17D	■15D	●25F	●25F
3.2	■40D	■40D	■185F	■185F			■17D	■17D	■17D	■15D	■17D	■17D	■15D	●15D	●15D
3.3	■30D	■30D	■90F	■90F			■17D	■17D	■17D	■15D	■17D	■17D	■15D	●12C	●12C
3.4	■30D	■30D	■60F	■60F			■14D	■14D	■14D	■12D	■14D	■14D	■12D	●8C	●8C
4.1	●15B	●15B					■14C	■14C	■14C	■12C	■14C	■14C	■12C	■12C	■12C
4.2	●10A	●10A					■14C	■14C	■14C	■12C	■14C	■14C	■12C	■10A	■10A
4.3	●10A	●10A					■10B	■10B	■10B	●8B	■10B	■10B	●8B	■8A	■8A
5.1							■10C	■10C	■10C	■8C	■10C	■10C	■8C	■12C	■12C
5.2							■10B	■10B	■10B	■8B	■10B	■10B	■8B	■6B	■6B
5.3							■10B	■10B	■10B	●8B	■10B	■10B	●8B	■4A	■4A
6.1	●80E	●80E					■38E	■38E	■38E	■36E	■38E	■38E	■36E	■25D	■25D
6.2	●80D	●80D					■38E	■38E	■38E	■36E	■38E	■38E	■36E	■20F	■20F
6.3	●50D	●50D					■38E	■38E	■38E	■36E	■38E	■38E	■36E	■25F	■25F
6.4	●30D	●30D					■38D	■38D	■38D	■36D	■38D	■38D	■36D	●10D	●10D
7.1	●80D	●80D					■60D	■60D	■60D	■58D	■60D	■60D	■58D	●30G	●30G
7.2	●80D	●80D					■60D	■60D	■60D	■58D	■60D	■60D	■58D	●25F	●25F
7.3	●80D	●80D					■25D	■25D	■25D	■23D	■25D	■25D	■23D	●20F	●20F
7.4	●80D	●80D					■25D	■25D	■25D	■23D	■25D	■25D	■23D	●10F	●10F
8.1							■25C	■25C	■25C	■23C	■25C	■25C	■23C	●30G	●30G
8.2							■13C	■13C	■13C	■11C	■13C	■13C	■11C	●20G	●20G
8.3															
9.1															
10.1	●40B	●40B													

	Ø mm												
	1,5	2	3	5	8	10	12	16	20	25	30	40	50
A	0,045	0,055	0,078	0,100	0,150	0,170	0,185	0,220	0,250	0,280	0,320	0,390	0,440
B	0,055	0,072	0,110	0,150	0,180	0,210	0,240	0,280	0,310	0,360	0,400	0,500	0,550
C	0,065	0,085	0,135	0,185	0,220	0,260	0,285	0,335	0,390	0,440	0,480	0,600	0,680
D	0,080	0,110	0,160	0,200	0,270	0,320	0,360	0,410	0,470	0,540	0,600	0,730	0,850
E	0,100	0,140	0,180	0,250	0,350	0,390	0,430	0,500	0,530	0,640	0,750	0,910	1,100
mm/REV ± 15%													

	Ø mm									
	6	8	10	16	20	25	32	40	60	80
A	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.12	0.14	0.16
B	0.04	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20
C	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22
D	0.06	0.08	0.10	0.12	0.15	0.18	0.20	0.22	0.25	0.28
E	0.08	0.10	0.12	0.15	0.18	0.20	0.25	0.27	0.30	0.32
F	0.09	0.11	0.13	0.16	0.19	0.21	0.26	0.29	0.33	0.36
G	0.10	0.12	0.15	0.18	0.20	0.22	0.28	0.32	0.36	0.40
mm/N										

● Základní doporučení pro úběr materiálu při předvrtávání děr ● Javaslat előfúrásnál alkalmazott eltávolítási rátára vonatkozóan ● Podstawowe wskazówki dotyczące usuwania materiału przy wierceniu pod rozwiertak ● Indicatii generale privind adaosul dupa pre-gaurire ● Рекомендованные припуски для предварительного сверления отверстия ● splošna navodila za odvzem materiala pri predvrtanju

	Ø (mm)				
	3 - 5mm	**5.1 - 10mm**	**10.1 - 20mm**	**20.1 - 30mm**	**> 30mm**
1.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.2	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.3	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.4	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.5	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.6	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.7	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.8	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.1	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.4	0.1-0.2	0.2	0.2	0.3	0.3-0.4
3.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-0.5
3.2	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-0.5
3.3	0.1-0.2	0.2	0.3	0.4	0.5
3.4	0.1-0.2	0.2	0.3	0.4	0.5
4.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.3-0.4
4.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
4.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
5.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
5.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
5.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
6.1	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
6.2	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
6.3	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
6.4	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
7.1	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.2	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.3	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.4	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
8.1	0.1-0.2	0.3	0.4	0.4-0.5	0.5
8.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
8.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
9.1	0.1-0.2	0.2	0.2	0.3	0.3-0.4
10.1	0.1-0.2	0.2	0.2-0.3	0.3-04.	0.4-0.5

Pro stavitelné výstružníky nebo výstružníky s břity zmenšete úběr materiálu o 30%. Pro výstružníky s rychlou šroubovicí zvyšte o 50% / Állítható vagy penge dörzsárak esetében csökkentse az előtolást 30%-kal. Csavarthornyú gépi dörzsáraknál növelje 50%-kal / Dla rozwiertaków nastawnych zmniejsz usuwanie materiału o 30%,zostaw wiekszy zapas.Dla rozwiertaków mocno skrętnych zwiększ o 50%,zostaw mniejszy zapas / Pentru alezoare reglabile sau cu lamele, reduceti adaosul cu 30%. Pentru alezoare cu elice pronuntata cresteti cu 50%. / Для регулируемых разверток снижение припуска на 30%. Для разверток с крутым спиральным зубом повышение на 50% / Nastavljiva povrtala ali povrtala na ploščico zmanjšaj odvzem materiala za 30%, pri povrtalih z večjim kotom vijačnice pa povečajte odvzem za 50%

B463

- NC - přesný výstružník
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- Rozwiertaki precyzyjne dla obrabiarek CNC
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- Развертка для станков ЧПУ
- NC povrtalo precizno

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B463

Extrémně nerovnoměrné členění / Rendkívül egyenlőtlen horonyszélesség / Bardzo nierówne rozstawienie / Divizare extrem de inegala / Неравномерный шаг / Extremno neenaka delitev

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4

● 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 10.1

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code	
3.97	75	12	39	4	6	**B4633.97**	1)
3.98	75	12	39	4	6	**B4633.98**	1)
3.99	75	12	39	4	6	**B4633.99**	1)
4.00	75	12	39	4	6	**B4634.0**	
4.01	75	12	39	4	6	**B4634.01**	1)
4.02	75	12	39	4	6	**B4634.02**	1)
4.03	75	12	39	4	6	**B4634.03**	1)
4.50	75	12	39	4	6	**B4634.5**	
4.97	75	12	39	4	6	**B4634.97**	1)
4.98	75	12	39	4	6	**B4634.98**	1)
4.99	75	12	39	4	6	**B4634.99**	1)
5.00	75	12	39	4	6	**B4635.0**	
5.01	75	12	39	4	6	**B4635.01**	1)
5.02	75	12	39	4	6	**B4635.02**	1)
5.03	75	12	39	4	6	**B4635.03**	1)
5.50	75	12	39	4	6	**B4635.5**	
5.97	75	12	39	4	6	**B4635.97**	2)
5.98	75	12	39	4	6	**B4635.98**	2)
5.99	75	12	39	4	6	**B4635.99**	2)
6.00	75	12	39	4	6	**B4636.0**	
6.01	75	12	39	4	6	**B4636.01**	2)
6.02	75	12	39	4	6	**B4636.02**	2)
6.03	75	12	39	4	6	**B4636.03**	2)
6.50	100	16	64	6	8	**B4636.5**	
7.00	100	16	64	6	8	**B4637.0**	
7.50	100	16	64	6	8	**B4637.5**	
7.97	100	16	64	6	8	**B4637.97**	2)
7.98	100	16	64	6	8	**B4637.98**	2)
7.99	100	16	64	6	8	**B4637.99**	2)
8.00	100	16	64	6	8	**B4638.0**	
8.01	100	16	64	6	8	**B4638.01**	2)
8.02	100	16	64	6	8	**B4638.02**	2)

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code	
8.03	100	16	64	6	8	**B4638.03**	2)
8.50	100	20	60	6	10	**B4638.5**	
9.00	100	20	60	6	10	**B4639.0**	
9.50	120	20	80	6	10	**B4639.5**	
9.97	120	20	80	6	10	**B4639.97**	2)
9.98	120	20	80	6	10	**B4639.98**	2)
9.99	120	20	80	6	10	**B4639.99**	2)
10.00	120	20	80	6	10	**B46310.0**	
10.01	120	20	80	6	10	**B46310.01**	2)
10.02	120	20	80	6	10	**B46310.02**	2)
10.03	120	20	80	6	10	**B46310.03**	2)
10.50	120	20	75	6	12	**B46310.5**	
11.00	120	20	75	6	12	**B46311.0**	
11.50	120	20	75	6	12	**B46311.5**	
11.97	120	20	75	6	12	**B46311.97**	2)
11.98	120	20	75	6	12	**B46311.98**	2)
11.99	120	20	75	6	12	**B46311.99**	2)
12.00	120	20	75	6	12	**B46312.0**	
12.01	120	20	75	6	12	**B46312.01**	2)
12.02	120	20	75	6	12	**B46312.02**	2)
12.03	120	20	75	6	12	**B46312.03**	2)
13.00	130	22	85	6	14	**B46313.0**	
14.00	130	22	85	6	14	**B46314.0**	
15.00	130	22	82	6	16	**B46315.0**	
16.00	150	25	102	6	16	**B46316.0**	
17.00	150	25	102	6	18	**B46317.0**	
18.00	150	25	102	6	18	**B46318.0**	
19.00	150	25	100	6	20	**B46319.0**	
20.00	150	25	100	6	20	**B46320.0**	

1) Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

1) Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B460

- NC - přesný výstružník
- NC - Precíziós Dörzsár
- Rozwiertaki precyzyjne dla obrabiarek CNC
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- NC povrtalo precizno

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B460

Extrémně nerovnoměrné členění / Rendkívül egyenlőtlen horonyszélesség / Bardzo nierówne rozstawienie / Divizare extrem de inegala / Неравномерный шаг / Extremno neenaka delitev

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4

● 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 10.1

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code	
3.97	75	12	39	4	6	**B4603.97**	1)
3.98	75	12	39	4	6	**B4603.98**	1)
3.99	75	12	39	4	6	**B4603.99**	1)
4.00	75	12	39	4	6	**B4604.0**	
4.01	75	12	39	4	6	**B4604.01**	1)
4.02	75	12	39	4	6	**B4604.02**	1)
4.03	75	12	39	4	6	**B4604.03**	1)
4.50	75	12	39	4	6	**B4604.5**	
4.97	75	12	39	4	6	**B4604.97**	1)
4.98	75	12	39	4	6	**B4604.98**	1)
4.99	75	12	39	4	6	**B4604.99**	1)
5.00	75	12	39	4	6	**B4605.0**	
5.01	75	12	39	4	6	**B4605.01**	1)
5.02	75	12	39	4	6	**B4605.02**	1)
5.03	75	12	39	4	6	**B4605.03**	1)
5.50	75	12	39	4	6	**B4605.5**	
5.97	75	12	39	4	6	**B4605.97**	2)
5.98	75	12	39	4	6	**B4605.98**	2)
5.99	75	12	39	4	6	**B4605.99**	2)
6.00	75	12	39	4	6	**B4606.0**	
6.01	75	12	39	4	6	**B4606.01**	2)
6.02	75	12	39	4	6	**B4606.02**	2)
6.03	75	12	39	4	6	**B4606.03**	2)
6.50	100	16	64	6	8	**B4606.5**	
7.00	100	16	64	6	8	**B4607.0**	
7.50	100	16	64	6	8	**B4607.5**	
7.97	100	16	64	6	8	**B4607.97**	2)
7.98	100	16	64	6	8	**B4607.98**	2)
7.99	100	16	64	6	8	**B4607.99**	2)
8.00	100	16	64	6	8	**B4608.0**	
8.01	100	16	64	6	8	**B4608.01**	2)
8.02	100	16	64	6	8	**B4608.02**	2)

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code	
8.03	100	16	64	6	8	**B4608.03**	2)
8.50	100	20	60	6	10	**B4608.5**	
9.00	100	20	60	6	10	**B4609.0**	
9.50	120	20	80	6	10	**B4609.5**	
9.97	120	20	80	6	10	**B4609.97**	2)
9.98	120	20	80	6	10	**B4609.98**	2)
9.99	120	20	80	6	10	**B4609.99**	2)
10.00	120	20	80	6	10	**B46010.0**	
10.01	120	20	80	6	10	**B46010.01**	2)
10.02	120	20	80	6	10	**B46010.02**	2)
10.03	120	20	80	6	10	**B46010.03**	2)
10.50	120	20	75	6	12	**B46010.5**	
11.00	120	20	75	6	12	**B46011.0**	
11.50	120	20	75	6	12	**B46011.5**	
11.97	120	20	75	6	12	**B46011.97**	2)
11.98	120	20	75	6	12	**B46011.98**	2)
11.99	120	20	75	6	12	**B46011.99**	2)
12.00	120	20	75	6	12	**B46012.0**	
12.01	120	20	75	6	12	**B46012.01**	2)
12.02	120	20	75	6	12	**B46012.02**	2)
12.03	120	20	75	6	12	**B46012.03**	2)
13.00	130	22	85	6	14	**B46013.0**	
14.00	130	22	85	6	14	**B46014.0**	
15.00	130	22	82	6	16	**B46015.0**	
16.00	150	25	102	6	16	**B46016.0**	
17.00	150	25	102	6	18	**B46017.0**	
18.00	150	25	102	6	18	**B46018.0**	
19.00	150	25	100	6	20	**B46019.0**	
20.00	150	25	100	6	20	**B46020.0**	

[1] Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

[1] Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B464

- NC - přesný výstružník
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- NC povrtalo precizno

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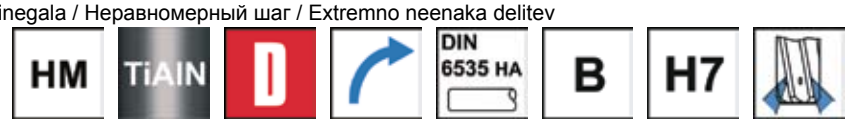
B464

Extrémně nerovnoměrné členění / Rendkívül egyenlőtlen horonyszélesség / Bardzo nierówne rozstawienie / Divizare extrem de inegala / Неравномерный шаг / Extremno neenaka delitev



■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$		
mm	mm	mm	mm	z	mm	e-Code	
3.97	75	12	39	4	6	B4643.97	1)
3.98	75	12	39	4	6	B4643.98	1)
3.99	75	12	39	4	6	B4643.99	1)
4.00	75	12	39	4	6	B4644.0	
4.01	75	12	39	4	6	B4644.01	1)
4.02	75	12	39	4	6	B4644.02	1)
4.03	75	12	39	4	6	B4644.03	1)
4.50	75	12	39	4	6	B4644.5	
4.97	75	12	39	4	6	B4644.97	1)
4.98	75	12	39	4	6	B4644.98	1)
4.99	75	12	39	4	6	B4644.99	1)
5.00	75	12	39	4	6	B4645.0	
5.01	75	12	39	4	6	B4645.01	1)
5.02	75	12	39	4	6	B4645.02	1)
5.03	75	12	39	4	6	B4645.03	1)
5.50	75	12	39	4	6	B4645.5	
5.97	75	12	39	4	6	B4645.97	2)
5.98	75	12	39	4	6	B4645.98	2)
5.99	75	12	39	4	6	B4645.99	2)
6.00	75	12	39	4	6	B4646.0	
6.01	75	12	39	4	6	B4646.01	2)
6.02	75	12	39	4	6	B4646.02	2)
6.03	75	12	39	4	6	B4646.03	2)
6.50	100	16	64	6	8	B4646.5	
7.00	100	16	64	6	8	B4647.0	
7.50	100	16	64	6	8	B4647.5	
7.97	100	16	64	6	8	B4647.97	2)
7.98	100	16	64	6	8	B4647.98	2)
7.99	100	16	64	6	8	B4647.99	2)
8.00	100	16	64	6	8	B4648.0	
8.01	100	16	64	6	8	B4648.01	2)
8.02	100	16	64	6	8	B4648.02	2)

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$		
mm	mm	mm	mm	z	mm	e-Code	
8.03	100	16	64	6	8	B4648.03	2)
8.50	100	20	60	6	10	B4648.5	
9.00	100	20	60	6	10	B4649.0	
9.50	120	20	80	6	10	B4649.5	
9.97	120	20	80	6	10	B4649.97	2)
9.98	120	20	80	6	10	B4649.98	2)
9.99	120	20	80	6	10	B4649.99	2)
10.00	120	20	80	6	10	B46410.0	
10.01	120	20	80	6	10	B46410.01	2)
10.02	120	20	80	6	10	B46410.02	2)
10.03	120	20	80	6	10	B46410.03	2)
10.50	120	20	75	6	12	B46410.5	
11.00	120	20	75	6	12	B46411.0	
11.50	120	20	75	6	12	B46411.5	
11.97	120	20	75	6	12	B46411.97	2)
11.98	120	20	75	6	12	B46411.98	2)
11.99	120	20	75	6	12	B46411.99	2)
12.00	120	20	75	6	12	B46412.0	
12.01	120	20	75	6	12	B46412.01	2)
12.02	120	20	75	6	12	B46412.02	2)
12.03	120	20	75	6	12	B46412.03	2)
13.00	130	22	85	6	14	B46413.0	
14.00	130	22	85	6	14	B46414.0	
15.00	130	22	82	6	16	B46415.0	
16.00	150	25	102	6	16	B46416.0	
17.00	150	25	102	6	18	B46417.0	
18.00	150	25	102	6	18	B46418.0	
19.00	150	25	100	6	20	B46419.0	
20.00	150	25	100	6	20	B46420.0	

[1] Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

[1] Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B461

- NC - přesný výstružník
- NC - Precíziós Dörzsár
- Rozwiertaki precyzyjne dla obrabiarek CNC
- Alezor de precizie pt NC
- Развертка для станков ЧПУ
- NC povrtalo precizno

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B461

Extrémně nerovnoměrné členění / Rendkívül egyenlőtlen horonyszélesség / Bardzo nierówne rozstawienie / Divizare extrem de inegala / Неравномерный шаг / Extremno neenaka delitev

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$		
mm	mm	mm	mm	z	mm	e-Code	
3.97	75	12	39	4	6	B4613.97	1)
3.98	75	12	39	4	6	B4613.98	1)
3.99	75	12	39	4	6	B4613.99	1)
4.00	75	12	39	4	6	B4614.0	
4.01	75	12	39	4	6	B4614.01	1)
4.02	75	12	39	4	6	B4614.02	1)
4.03	75	12	39	4	6	B4614.03	1)
4.50	75	12	39	4	6	B4614.5	
4.97	75	12	39	4	6	B4614.97	1)
4.98	75	12	39	4	6	B4614.98	1)
4.99	75	12	39	4	6	B4614.99	1)
5.00	75	12	39	4	6	B4615.0	
5.01	75	12	39	4	6	B4615.01	1)
5.02	75	12	39	4	6	B4615.02	1)
5.03	75	12	39	4	6	B4615.03	1)
5.50	75	12	39	4	6	B4615.5	
5.97	75	12	39	4	6	B4615.97	2)
5.98	75	12	39	4	6	B4615.98	2)
5.99	75	12	39	4	6	B4615.99	2)
6.00	75	12	39	4	6	B4616.0	
6.01	75	12	39	4	6	B4616.01	2)
6.02	75	12	39	4	6	B4616.02	2)
6.03	75	12	39	4	6	B4616.03	2)
6.50	100	16	64	6	8	B4616.5	
7.00	100	16	64	6	8	B4617.0	
7.50	100	16	64	6	8	B4617.5	
7.97	100	16	64	6	8	B4617.97	2)
7.98	100	16	64	6	8	B4617.98	2)
7.99	100	16	64	6	8	B4617.99	2)
8.00	100	16	64	6	8	B4618.0	
8.01	100	16	64	6	8	B4618.01	2)
8.02	100	16	64	6	8	B4618.02	2)

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$		
mm	mm	mm	mm	z	mm	e-Code	
8.03	100	16	64	6	8	B4618.03	2)
8.50	100	20	60	6	10	B4618.5	
9.00	100	20	60	6	10	B4619.0	
9.50	120	20	80	6	10	B4619.5	
9.97	120	20	80	6	10	B4619.97	2)
9.98	120	20	80	6	10	B4619.98	2)
9.99	120	20	80	6	10	B4619.99	2)
10.00	120	20	80	6	10	B46110.0	
10.01	120	20	80	6	10	B46110.01	2)
10.02	120	20	80	6	10	B46110.02	2)
10.03	120	20	80	6	10	B46110.03	2)
10.50	120	20	75	6	12	B46110.5	
11.00	120	20	75	6	12	B46111.0	
11.50	120	20	75	6	12	B46111.5	
11.97	120	20	75	6	12	B46111.97	2)
11.98	120	20	75	6	12	B46111.98	2)
11.99	120	20	75	6	12	B46111.99	2)
12.00	120	20	75	6	12	B46112.0	
12.01	120	20	75	6	12	B46112.01	2)
12.02	120	20	75	6	12	B46112.02	2)
12.03	120	20	75	6	12	B46112.03	2)
13.00	130	22	85	6	14	B46113.0	
14.00	130	22	85	6	14	B46114.0	
15.00	130	22	82	6	16	B46115.0	
16.00	150	25	102	6	16	B46116.0	
17.00	150	25	102	6	18	B46117.0	
18.00	150	25	102	6	18	B46118.0	
19.00	150	25	100	6	20	B46119.0	
20.00	150	25	100	6	20	B46120.0	

1) Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

1) Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B465

- NC - přesný výstružník
- NC - Precíziós Dörzsár
- Rozwiertaki precyzyjne dla obrabiarek CNC
- Alezor de precizie pt NC
- Развертка для станков ЧПУ
- NC povrtalo precizno

NEW
2008.09

B465

HM | TiAlN | D | DIN 6535 HA | B | H7

■ 2.1 2.2 2.3 2.4

d_1 Ø	l_1	l_2	l_3	z	d_2 Øh$_6$	e-Code	
mm	mm	mm	mm		mm		
3.97	75	12	39	4	6	**B4653.97**	1)
3.98	75	12	39	4	6	**B4653.98**	1)
3.99	75	12	39	4	6	**B4653.99**	1)
4.00	75	12	39	4	6	**B4654.0**	
4.01	75	12	39	4	6	**B4654.01**	1)
4.02	75	12	39	4	6	**B4654.02**	1)
4.03	75	12	39	4	6	**B4654.03**	1)
4.50	75	12	39	4	6	**B4654.5**	
4.97	75	12	39	4	6	**B4654.97**	1)
4.98	75	12	39	4	6	**B4654.98**	1)
4.99	75	12	39	4	6	**B4654.99**	1)
5.00	75	12	39	4	6	**B4655.0**	
5.01	75	12	39	4	6	**B4655.01**	1)
5.02	75	12	39	4	6	**B4655.02**	1)
5.03	75	12	39	4	6	**B4655.03**	1)
5.50	75	12	39	4	6	**B4655.5**	
5.97	75	12	39	4	6	**B4655.97**	2)
5.98	75	12	39	4	6	**B4655.98**	2)
5.99	75	12	39	4	6	**B4655.99**	2)
6.00	75	12	39	4	6	**B4656.0**	
6.01	75	12	39	4	6	**B4656.01**	2)
6.02	75	12	39	4	6	**B4656.02**	2)
6.03	75	12	39	4	6	**B4656.03**	2)
6.50	100	16	64	6	8	**B4656.5**	
7.00	100	16	64	6	8	**B4657.0**	
7.50	100	16	64	6	8	**B4657.5**	
7.97	100	16	64	6	8	**B4657.97**	2)
7.98	100	16	64	6	8	**B4657.98**	2)
7.99	100	16	64	6	8	**B4657.99**	2)
8.00	100	16	64	6	8	**B4658.0**	
8.01	100	16	64	6	8	**B4658.01**	2)
8.02	100	16	64	6	8	**B4658.02**	2)

d_1 Ø	l_1	l_2	l_3	z	d_2 Øh$_6$	e-Code	
mm	mm	mm	mm		mm		
8.03	100	16	64	6	8	**B4658.03**	2)
8.50	100	20	60	6	10	**B4658.5**	
9.00	100	20	60	6	10	**B4659.0**	
9.50	120	20	80	6	10	**B4659.5**	
9.97	120	20	80	6	10	**B4659.97**	2)
9.98	120	20	80	6	10	**B4659.98**	2)
9.99	120	20	80	6	10	**B4659.99**	2)
10.00	120	20	80	6	10	**B46510.0**	
10.01	120	20	80	6	10	**B46510.01**	2)
10.02	120	20	80	6	10	**B46510.02**	2)
10.03	120	20	80	6	10	**B46510.03**	2)
10.50	120	20	75	6	12	**B46510.5**	
11.00	120	20	75	6	12	**B46511.0**	
11.50	120	20	75	6	12	**B46511.5**	
11.97	120	20	75	6	12	**B46511.97**	2)
11.98	120	20	75	6	12	**B46511.98**	2)
11.99	120	20	75	6	12	**B46511.99**	2)
12.00	120	20	75	6	12	**B46512.0**	
12.01	120	20	75	6	12	**B46512.01**	2)
12.02	120	20	75	6	12	**B46512.02**	2)
12.03	120	20	75	6	12	**B46512.03**	2)
13.00	130	22	85	6	14	**B46513.0**	
14.00	130	22	85	6	14	**B46514.0**	
15.00	130	22	82	6	16	**B46515.0**	
16.00	150	25	102	6	16	**B46516.0**	
17.00	150	25	102	6	18	**B46517.0**	
18.00	150	25	102	6	18	**B46518.0**	
19.00	150	25	100	6	20	**B46519.0**	
20.00	150	25	100	6	20	**B46520.0**	

1) Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

1) Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B462

- NC - přesný výstružník
- NC - Precíziós Dörzsár
- Rozwiertaki precyzyjne dla obrabiarek CNC
- Alezor de precizie pt NC
- Развертка для станков ЧПУ
- NC povrtalo precizno

NEW
2008.09

B462

HM | TiAlN | D | DIN 6535 HA | A | H7

■ 2.1 2.2 2.3 2.4

d_1 Ø	l_1	l_2	l_3	z	d_2 Øh$_6$	e-Code	
mm	mm	mm	mm		mm		
3.97	75	12	39	4	6	**B4623.97**	1)
3.98	75	12	39	4	6	**B4623.98**	1)
3.99	75	12	39	4	6	**B4623.99**	1)
4.00	75	12	39	4	6	**B4624.0**	
4.01	75	12	39	4	6	**B4624.01**	1)
4.02	75	12	39	4	6	**B4624.02**	1)
4.03	75	12	39	4	6	**B4624.03**	1)
4.50	75	12	39	4	6	**B4624.5**	
4.97	75	12	39	4	6	**B4624.97**	1)
4.98	75	12	39	4	6	**B4624.98**	1)
4.99	75	12	39	4	6	**B4624.99**	1)
5.00	75	12	39	4	6	**B4625.0**	
5.01	75	12	39	4	6	**B4625.01**	1)
5.02	75	12	39	4	6	**B4625.02**	1)
5.03	75	12	39	4	6	**B4625.03**	1)
5.50	75	12	39	4	6	**B4625.5**	
5.97	75	12	39	4	6	**B4625.97**	2)
5.98	75	12	39	4	6	**B4625.98**	2)
5.99	75	12	39	4	6	**B4625.99**	2)
6.00	75	12	39	4	6	**B4626.0**	
6.01	75	12	39	4	6	**B4626.01**	2)
6.02	75	12	39	4	6	**B4626.02**	2)
6.03	75	12	39	4	6	**B4626.03**	2)
6.50	100	16	64	6	8	**B4626.5**	
7.00	100	16	64	6	8	**B4627.0**	
7.50	100	16	64	6	8	**B4627.5**	
7.97	100	16	64	6	8	**B4627.97**	2)
7.98	100	16	64	6	8	**B4627.98**	2)
7.99	100	16	64	6	8	**B4627.99**	2)
8.00	100	16	64	6	8	**B4628.0**	
8.01	100	16	64	6	8	**B4628.01**	2)
8.02	100	16	64	6	8	**B4628.02**	2)

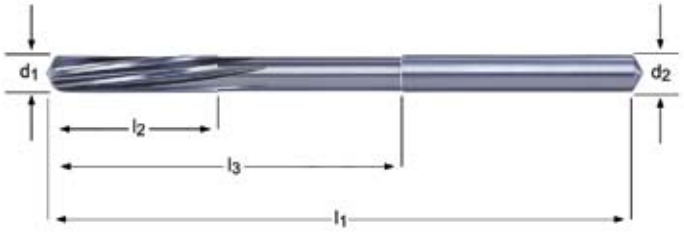
d_1 Ø	l_1	l_2	l_3	z	d_2 Øh$_6$	e-Code	
mm	mm	mm	mm		mm		
8.03	100	16	64	6	8	**B4628.03**	2)
8.50	100	20	60	6	10	**B4628.5**	
9.00	100	20	60	6	10	**B4629.0**	
9.50	120	20	80	6	10	**B4629.5**	
9.97	120	20	80	6	10	**B4629.97**	2)
9.98	120	20	80	6	10	**B4629.98**	2)
9.99	120	20	80	6	10	**B4629.99**	2)
10.00	120	20	80	6	10	**B46210.0**	
10.01	120	20	80	6	10	**B46210.01**	2)
10.02	120	20	80	6	10	**B46210.02**	2)
10.03	120	20	80	6	10	**B46210.03**	2)
10.50	120	20	75	6	12	**B46210.5**	
11.00	120	20	75	6	12	**B46211.0**	
11.50	120	20	75	6	12	**B46211.5**	
11.97	120	20	75	6	12	**B46211.97**	2)
11.98	120	20	75	6	12	**B46211.98**	2)
11.99	120	20	75	6	12	**B46211.99**	2)
12.00	120	20	75	6	12	**B46212.0**	
12.01	120	20	75	6	12	**B46212.01**	2)
12.02	120	20	75	6	12	**B46212.02**	2)
12.03	120	20	75	6	12	**B46212.03**	2)
13.00	130	22	85	6	14	**B46213.0**	
14.00	130	22	85	6	14	**B46214.0**	
15.00	130	22	82	6	16	**B46215.0**	
16.00	150	25	102	6	16	**B46216.0**	
17.00	150	25	102	6	18	**B46217.0**	
18.00	150	25	102	6	18	**B46218.0**	
19.00	150	25	100	6	20	**B46219.0**	
20.00	150	25	100	6	20	**B46220.0**	

1) Limit tolerance +0.0040 / Tűrés határ +0.0040 / Wymiar graniczny +0.0040 / Limitele campului de toleranta +0.0040 / Границы олей допусков +0.0040 / tolerančno območje +0.0040

1) Limit tolerance +0.0050 / Tűrés határ +0.0050 / Wymiar graniczny +0.0050 / Limitele campului de toleranta +0.0050 / Границы олей допусков +0.0050 / tolerančno območje +0.0050

B400

- Výstružník strojní extrémně nerovnoměrné členění
- Alezoare de masina Divizare extrem de inegala
- Gépi Dörzsár Rendkívül egyenlőtlen horonyszélesség
- Машинная развертка с неравномерным шагом и со спиральным зубом
- Rozwiertak maszynowy Bardzo nierówne rozstawienie
- povrtalo strojno Extremno neenaka delitev



B400

HM | DIN 8093 | B | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code	
1.0	34	6	15	3	1.0	**B4001.0**	3)
1.2	38	8	16.5	3	1.2	**B4001.2**	3)
1.4	40	8	18	3	1.4	**B4001.4**	3)
1.5	40	8	18	3	1.5	**B4001.5**	3)
1.6	49	11	26	3	1.6	**B4001.6**	3)
1.8	49	11	25	4	1.8	**B4001.8**	3)
2.0	49	11	24	4	2.0	**B4002.0**	3)
2.2	57	15	30	4	2.2	**B4002.2**	3)
2.5	57	15	28	4	2.5	**B4002.5**	3)
2.8	61	15	32	6	2.8	**B4002.8**	3)
3.0	61	15	30	6	3.0	**B4003.0**	3)
3.2	70	18	33	6	3.2	**B4003.2**	3)
3.5	70	18	33	6	3.5	**B4003.5**	3)
4.0	75	19	44	6	4.0	**B4004.0**	3)

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code	
4.5	80	21	46	6	4.5	**B4004.5**	3)
5.0	86	23	53	6	5.0	**B4005.0**	3)
5.5	93	26	56	6	5.6	**B4005.5**	3)
6.0	93	26	56	6	5.6	**B4006.0**	3)
6.5	101	28	63	6	6.3	**B4006.5**	4)
7.0	109	31	69	6	7.1	**B4007.0**	4)
8.0	117	33	75	6	8.0	**B4008.0**	4)
9.0	125	36	81	6	9.0	**B4009.0**	4)
10.0	133	38	87	6	10.0	**B40010.0**	4)
12.0	151	44	105	6	10.0	**B40012.0**	4)
14.0	160	47	110	8	12.5	**B40014.0**	4)
16.0	170	52	120	8	12.5	**B40016.0**	4)
18.0	182	56	130	6	14.0	**B40018.0**	3)
20.0	195	60	137	6	16.0	**B40020.0**	3)

[3] slinutý karbid / Tömör keményfém / Pelno weglikowy / Carbura masiva / Твердый сплав / Karbidna trdina
[4] karbidová hlava / Keményfém fej / Czesc skrawajaca z weglika / Varf carbura / Твердосплавная головка / Glava iz karbidne trdine

B481

- NC - setinový výstružník pro vycoce přesné upnutí
- Alezor NC, centesimale pentru portscule de precizie
- NC - dörzsár nagypontosságú befogótokmányhoz
- NC - Развертка для станков с ЧПУ
- NC- Rozwiertak Precyzyjny przeznaczony do mocowania w dokładnych uchwytach
- NC precizno povrtalo za visokoprecizna vpenjala

B481

Extrémně nerovnoměrné členění / Rendkívül egyenlőtlen horonyszélesség / Bardzo nierówne rozstawienie / Divizare extrem de inegala / Неравномерный шаг / Extremno neenaka delitev

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

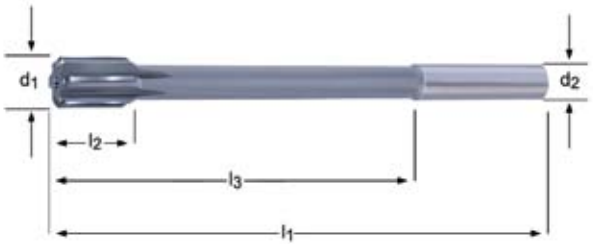
● 1.1 1.2 1.3 1.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
0.98	49.5	6	21.5	3	4	**B4810.98**
0.99	49.5	6	21.5	3	4	**B4810.99**
1.00	49.5	6	21.5	3	4	**B4811.00**
1.01	49.5	6	21.5	3	4	**B4811.01**
1.02	49.5	6	21.5	3	4	**B4811.02**
1.03	49.5	9	21.5	3	4	**B4811.03**
1.48	49	9	21	3	4	**B4811.48**
1.49	49	9	21	3	4	**B4811.49**
1.50	49	9	21	3	4	**B4811.50**
1.51	49	9	21	3	4	**B4811.51**
1.52	49	9	21	3	4	**B4811.52**
1.53	49	9	21	3	4	**B4811.53**
1.98	49	12	21	4	4	**B4811.98**
1.99	49	12	21	4	4	**B4811.99**
2.00	49	12	21	4	4	**B4812.00**
2.01	49	12	21	4	4	**B4812.01**
2.02	49	12	21	4	4	**B4812.02**
2.03	49	12	21	4	4	**B4812.03**
2.48	59	16	31	4	4	**B4812.48**
2.49	59	16	31	4	4	**B4812.49**
2.50	59	16	31	4	4	**B4812.50**
2.51	59	16	31	4	4	**B4812.51**
2.52	59	16	31	4	4	**B4812.52**
2.53	59	16	31	4	4	**B4812.53**
2.97	62.5	17	35	6	4	**B4812.97**
2.98	62.5	17	35	6	4	**B4812.98**
2.99	62.5	17	35	6	4	**B4812.99**
3.00	62.5	17	35	6	4	**B4813.00**
3.01	62.5	17	35	6	4	**B4813.01**
3.02	62.5	17	35	6	4	**B4813.02**
3.03	62.5	17	35	6	4	**B4813.03**
3.97	75	19	47	6	4	**B4813.97**
3.98	75	19	47	6	4	**B4813.98**
3.99	75	19	47	6	4	**B4813.99**
4.00	75	19	47	6	4	**B4814.00**
4.01	75	19	47	6	4	**B4814.01**
4.02	75	19	47	6	4	**B4814.02**
4.03	75	19	47	6	4	**B4814.03**
4.97	86	23	50	6	6	**B4814.97**
4.98	86	23	50	6	6	**B4814.98**

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
4.99	86	23	50	6	6	**B4814.99**
5.00	86	23	50	6	6	**B4815.00**
5.01	86	23	50	6	6	**B4815.01**
5.02	86	23	50	6	5	**B4815.02**
5.03	86	23	50	6	6	**B4815.03**
5.97	93	26	57	6	6	**B4815.97**
5.98	93	26	57	6	6	**B4815.98**
5.99	93	26	57	6	6	**B4815.99**
6.00	93	26	57	6	6	**B4816.00**
6.01	93	26	57	6	6	**B4816.01**
6.02	93	26	57	6	6	**B4816.02**
6.03	93	26	57	6	6	**B4816.03**
7.97	117	33	81	6	8	**B4817.97**
7.98	117	33	81	6	8	**B4817.98**
7.99	117	33	81	6	8	**B4817.99**
8.00	117	33	81	6	8	**B4818.00**
8.01	117	33	81	6	8	**B4818.01**
8.02	117	33	81	6	8	**B4818.02**
8.03	117	33	81	6	8	**B4818.03**
8.04	117	33	81	6	8	**B4818.04**
9.97	133	38	93	6	10	**B4819.97**
9.98	133	38	93	6	10	**B4819.98**
9.99	133	38	93	6	10	**B4819.99**
10.00	133	38	93	6	10	**B48110.00**
10.01	133	38	93	6	10	**B48110.01**
10.02	133	38	93	6	10	**B48110.02**
10.03	133	38	93	6	10	**B48110.03**
10.04	133	38	93	6	10	**B48110.04**
10.05	133	38	93	6	10	**B48110.05**
11.97	151	44	106	6	12	**B48111.97**
11.98	151	44	106	6	12	**B48111.98**
11.99	151	44	106	6	12	**B48111.99**
12.00	151	44	106	6	12	**B48112.00**
12.01	151	44	106	6	12	**B48112.01**
12.02	151	44	106	6	12	**B48112.02**
12.03	151	44	106	6	12	**B48112.03**
12.04	151	44	106	6	12	**B48112.04**
12.05	151	44	106	6	12	**B48112.05**

B441

- Výstružník strojní extrémně nerovnoměrné členění
- Alezoare de masina Divizare extrem de inegala
- Gépi Dörzsár Rendkívül egyenlőtlen horonyszélesség
- Машинная развертка с неравномерным шагом и со спиральным зубом
- Rozwiertak maszynowy Bardzo nierówne rozstawienie
- povrtalo strojno Extremno neenaka delitev



B441

HM | DIN 8050 | A | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4

d_1 Ø	l_1	l_2	l_3		d_2 Øh9	
mm	mm	mm	mm	z	mm	e-Code
10.0	133	19	87	6	10	**B44110.0**
11.0	142	19	96	6	10	**B44111.0**
12.0	151	19	105	6	10	**B44112.0**
13.0	151	19	105	6	10	**B44113.0**
14.0	160	19	110	6	12.5	**B44114.0**
15.0	162	19	112	6	12.5	**B44115.0**

d_1 Ø	l_1	l_2	l_3		d_2 Øh9	
mm	mm	mm	mm	z	mm	e-Code
16.0	170	22	120	6	12.5	**B44116.0**
17.0	175	22	123	6	14	**B44117.0**
18.0	182	22	130	6	14	**B44118.0**
19.0	189	22	131	6	16	**B44119.0**
20.0	195	22	137	6	16	**B44120.0**

B451

- Strojní výstružník s kuželovou stopkou - spirálový - stavitelný
- Alezor de masina - Canale drepte - Reglabil
- Gépi Dörzsár – Egyenes hornyú
- Прямозубая регулируемая машинная развертка
- Rozwiertak maszynowy z chwytem stozkowym - Prosty - Nastawny
- povrtalo strojno, nastavljivo

B451

Seřiditelné 0,03 mm / Állíthatósági tartomány 0,03mm / Zakres nastawy 0,03mm / Gama de reglaj 0.03mm / Диапазон настройки 0,03 мм / Vpenjalno območje 0.03mm

HM | DIN 8050 | A | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4 4.3 5.3

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$	
mm	mm	mm	mm	z	mm	e-Code
8.0	117	12	75	4	8.0	**B4518.0**
9.0	125	12	79	6	10.0	**B4519.0**
10.0	133	12	87	6	10.0	**B45110.0**
11.0	142	12	96	6	10.0	**B45111.0**
12.0	151	12	105	6	10.0	**B45112.0**
13.0	151	12	105	6	10.0	**B45113.0**

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_6$	
mm	mm	mm	mm	z	mm	e-Code
14.0	160	16	110	6	12.0	**B45114.0**
15.0	162	16	112	6	12.0	**B45115.0**
16.0	170	19	120	6	12.0	**B45116.0**
18.0	182	19	130	6	14.0	**B45118.0**
20.0	195	19	137	6	16.0	**B45120.0**

B411

- Výstružník strojní extrémně nerovnoměrné členění
- Alezoare de masina Divizare extrem de inegala
- Gépi Dörzsár Rendkívül egyenlőtlen horonyszélesség
- Машинная развертка с неравномерным шагом и со спиральным зубом
- Rozwiertak maszynowy Bardzo nierówne rozstawienie
- povrtalo strojno Extremno neenaka delitev

B411

HM | DIN 8094 | B | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4

d_1 Ø	l_1	l_2	l_3				
mm	mm	mm	mm	z	MK	e-Code	
5.0	133	23	67.5	6	1	**B4115.0**	1)
6.0	138	26	72.5	6	1	**B4116.0**	1)
7.0	150	31	84.5	6	1	**B4117.0**	1)
8.0	156	33	90.5	6	1	**B4118.0**	1)
9.0	162	36	96.5	6	1	**B4119.0**	1)
10.0	168	38	102.5	6	1	**B41110.0**	1)
12.0	182	44	116.5	6	1	**B41112.0**	1)
14.0	189	47	123.5	8	1	**B41114.0**	1)
15.0	204	50	124	8	2	**B41115.0**	1)
16.0	210	52	130	8	2	**B41116.0**	1)

d_1 Ø	l_1	l_2	l_3				
mm	mm	mm	mm	z	MK	e-Code	
17.0	214	54	134	6	2	**B41117.0**	2)
18.0	219	56	139	6	2	**B41118.0**	2)
19.0	223	58	143	6	2	**B41119.0**	2)
20.0	228	60	148	6	2	**B41120.0**	2)
22.0	237	64	157	6	2	**B41122.0**	2)
24.0	268	68	169	8	3	**B41124.0**	2)
25.0	268	68	169	8	3	**B41125.0**	2)
26.0	273	70	174	8	3	**B41126.0**	2)
30.0	281	73	182	8	3	**B41130.0**	2)

1) slinutý karbid / Tömör keményfém / Pelno weglikowy / Carbura masiva / Твердый сплав / Karbidna trdina
2) karbidová hlava / Keményfém fej / Czesc skrawajaca z weglika / Varf carbura / Твердосплавная головка / Glava iz karbidne trdine

B442

- Výstružník strojní extrémně nerovnoměrné členění
- Alezoare de masina Divizare extrem de inegala
- Gépi Dörzsár Rendkívül egyenlőtlen horonyszélesség
- Машинная развертка с неравномерным шагом и со спиральным зубом
- Rozwiertak maszynowy Bardzo nierówne rozstawienie
- povrtalo strojno Extremno neenaka delitev

B442

HM | DIN 8051 | A | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
10.0	168	19	102.5	6	1	**B44210.0**
12.0	182	19	116.5	6	1	**B44212.0**
14.0	189	19	123.5	6	1	**B44214.0**
15.0	204	19	124	6	2	**B44215.0**
16.0	210	22	130	6	2	**B44216.0**
17.0	214	22	134	6	2	**B44217.0**

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
18.0	219	22	139	6	2	**B44218.0**
19.0	223	22	143	6	2	**B44219.0**
20.0	228	22	148	6	2	**B44220.0**

B452

- Strojní výstružník s kuželovou stopkou - spirálový - stavitelný
- Alezor de masina - Canale drepte - Reglabil
- Gépi Dörzsár – Egyenes hornyú
- Регулируемая машинная развертка с конусом Морзе, прямой зуб
- Rozwiertak maszynowy z chwytem stozkowym - Prosty - Nastawny
- povrtalo strojno, nastavljivo

B452

Seřiditelné 0,03 mm / Állíthatósági tartomány 0,03mm / Zakres nastawy 0,03mm / Domeniu de reglaj 0,03 mm / Диапазон настройки 0,03 мм / Vpenjalno območje 0.03mm

HM | DIN 8051 | A | H7

■ 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2

● 1.1 1.2 1.3 1.4 4.3 5.3

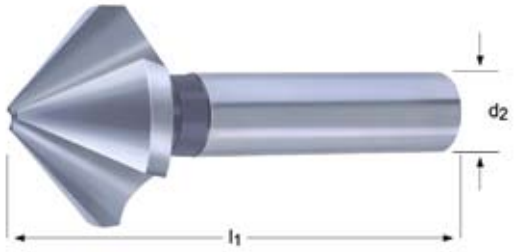
d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
8.0	156	12	90.5	4	1	**B4528.0**
10.0	168	12	102.5	6	1	**B45210.0**
11.0	175	12	109.5	6	1	**B45211.0**
12.0	182	12	116.5	6	1	**B45212.0**
13.0	182	12	116.5	6	1	**B45213.0**
14.0	189	16	123.5	6	1	**B45214.0**
15.0	204	16	124	6	2	**B45215.0**
16.0	210	19	130	6	2	**B45216.0**
17.0	214	19	134	6	2	**B45217.0**
18.0	219	19	139	6	2	**B45218.0**

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
19.0	223	19	143	6	2	**B45219.0**
20.0	228	19	148	6	2	**B45220.0**
22.0	237	22	157	6	2	**B45222.0**
24.0	268	22	169	6	3	**B45224.0**
25.0	268	22	169	6	3	**B45225.0**
26.0	273	22	174	6	3	**B45226.0**
28.0	277	25	178	6	3	**B45228.0**
30.0	281	25	182	6	3	**B45230.0**

G400

- Záhlubník pro vysoce přesné upnutí
- Zencuitor pentru mandrine de mare precizie
- Süllyesztő nagypontosságú befogótokmányhoz
- Зенковка для станков с ЧПУ
- Pogłębiacz do Precyzyjnych Uchwytów
- Grezilo za visokoprecizna vpenjala

NEW
2008.09



G400

HM | DIN 335 C | 90°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

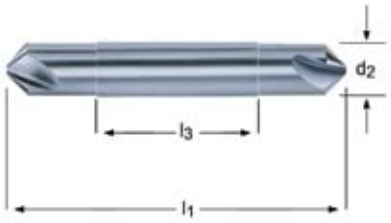
● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_6$ mm	z	e-Code
6.3	1.5	45	5	3	**G4006.3**
8.3	2.0	50	6	3	**G4008.3**
10.4	2.5	50	6	3	**G40010.4**
12.4	2.8	56	8	3	**G40012.4**
16.5	3.2	60	10	3	**G40016.5**
20.5	3.5	63	10	3	**G40020.5**
25.0	3.8	67	10	3	**G40025.0**
31.0	4.2	71	12	3	**G40031.0**

G405

- Hvězdička oboustranná
- Kúpsüllyesztő
- Poglebiacz dwustronne
- Zencuitoare doua capete
- Зенковка
- grezilo, dvostransko

NEW
2008.09



G405

HM | DIN 335 | 90°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	l_3 mm	d_2 Øh$_6$ mm	z	e-Code
8.3	2.0	67	46	10	3	**G4058.3**
10.4	2.5	74	47	12	3	**G40510.4**
12.4	2.8	76	45	14	3	**G40512.4**

DORMER

	B100	B341	B334	B335	B951	B301	B903	B952	B500	B180	B191	B181
												
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS-E	HSS-E	HSS-E	HSS-E
	ST	ST			ST	ST	ST					
	DIN 206	DIN 859	D	D	D	BS 328	DIN 9	DIN 9	DIN 212	DIN 212	DIN 212	DIN 212
										DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
	B	B			B	A	A	B	A	B	B	B
	H7								H7	H7	H7	
					1:10	1:48	1:50	1:50				
	1.50 - 50.00	6.00 - 20.00	N000 - N16	N000 - N16	10.00 - 45.00	1/16 - 7/8	1.50 - 20.00	1.20 - 50.00	2.00 - 20.00	1.50 - 20.00	Set 10S	1.00 - 12.00
	210	**211**	**212**	**213**	**214**	**215**	**216**	**217**	**218**	**219**	**220**	**221**
1.1	■18C	■18C	■18C		■18C	■18C	■18C	■18C		■25C	■25C	■25C
1.2	■14C	■14C	■14C		■14C	■14C	■14C	■14C		■20C	■20C	■20C
1.3	■11C	■11C	■11C		■11C	■11C	■11C	■11C		■16C	■16C	■16C
1.4	■10B	■10B	■10B		■10B	■10B	■10B	■10B		■15B	■15B	■15B
1.5	●5B	●5B	●5B		●5B	●5B	●5B	●5B		●9B	●9B	●9B
1.6	●4A	●4A	●4A		●4A	●4A	●4A	●4A		●5A	●5A	●5A
1.7												
1.8												
2.1	■8F	■8F	■8F		■8C	■8C	■8C	■8C		■11C	■11C	■11C
2.2						●5B	●5B	●5B		●6B	●6B	●6B
2.3						●6B	●6B	●6B		●8B	●8B	●8B
2.4										●6B	●6B	
3.1	■14E	■14E	■14E		■14E	■14E	■14E	■14E	■16E	●16E	●16E	●16E
3.2	●11D	●11D	●11D		●11D	●11D	●11D	●11D	●15D	●15D	●15D	●15D
3.3	●10C	●10C	●10C		●10C	●10C	●10C	●10C	●13C	●13C	●13C	●13C
3.4	●9C	●9C	●9C		●9C	●9C	●9C	●9C	●11C	●11C	●11C	●11C
4.1	■11C	■11C	■11C		■11C	■11C	■11C	■11C	■11C	●15C	●15C	●15C
4.2	●5B	●5B	●5B		●5B	●5B	●5B	●5B		■9B	■9B	■9B
4.3	●4B	●4B	●4B		●4B	●4B	●4B	●4B		●5B	●5B	●5B
5.1	●5D	●5D	●5D		●5D	●5D	●5D	●5D		■8D	■8D	■8D
5.2	●3C	●3C	●3C		●3C	●3C	●3C	●3C		●5C	●5C	●5C
5.3	●2C	●2C	●2C		●2C	●2C	●2C	●2C		●3C	●3C	●3C
6.1	●18D	●18D	●18D		●18D	●18D	●18D	●18D		●25D	●25D	●25D
6.2	■20E	■20E	■20E		■20E	■20E	■20E	■20E	●28E	●28E	●28E	●28E
6.3	●18D	●18D	●18D		●18D	●18D	●18D	●18D	●25D	●25D	●25D	●25D
6.4	●11D	●11D	●11D		●11D	●11D	●11D	●11D	●14D	●14D	●14D	●14D
7.1	●23F	●23F	●23F		●23F	●23F	●23F	●23F				
7.2	●18F	●18F	●18F		●18F	●18F	●18F	●18F				
7.3						●15E	●15E	●15E				
7.4						●14D	●14D	●14D				
8.1												
8.2	●21B	●21B	●21B		●21B	●21B	●21B	●21B	●30B			
8.3												
9.1												
10.1												

	B156	B170	B901	B157	B953	B161	B101	B162	B121	B954	B955	B956	B957
													
	HSS-E	HSS-E	HSS	HSS-E	HSS-E	HSS-E	HSS	HSS-E	HSS	HSS-E	HSS-E	HSS-E	
			ST				ST				ST		
	DIN 212	DIN 212	BS 328	DIN 212	DIN 2179	DIN 208	BS 328	DIN 208	DIN 311	DIN 2180	DIN 219	DIN 217	
	B	B	B	E		B	B	C			B		
	H7		H7	H7		H7	H7	H7	k11		H7		
					1:50					1:50			
	1.50 - 20.00	0.98 - 12.00	1.50 - 1/2	2.00 - 20.00	1.00 - 12.00	3.00 - 50.00	3.00 - 2"	8.00 - 32.00	10.00 - 30.00	5.00 - 30.00	25.00 - 80.00	13.00 - 40.00	N3 - N9

	222	223	225	226	227	228	229	230	231	232	233	234	235
1.1	■25C	■25C	■18C	●25C	●25C	■25C	■18C	■18C	■18C	●25C	■18C		
1.2	■20C	■20C	■14C	●20C	●20C	■20C	■14C	■14C	■14C	●20C	■14C		
1.3	■16C	■16C	■11C	●16C	●16C	■16C	■11C	■11C	■11C	●16C	■11C		
1.4	■15B	■15B	■10B	●15B	●15B	■15B	■10B	■10B	■10B	●15B	■10B		
1.5	●9B	●9B	●5B	●9B	●9B	●9B	●5B	●5B	●5B	●9B	●5B		
1.6	●5A	●5A	●4A	●5A	●5A	●5A	●4A	●4A	●4A	●5A	●4A		
1.7													
1.8													
2.1	■11C	■11C	■8C	■11C	■11C	■11C	■8C	■8C		■11C	■8C		
2.2	●6B	●6B		■6B	■6B	●6B		●5B		■6B	●5B		
2.3	●8B	●8B		■8B	■8B	●8B		●6B		■8B	●6B		
2.4													
3.1	●16E	●16E	■14E			●16E	■14E	●14E	■14E		●14E		
3.2	●15D	●15D	●11D			●15D	●11D		●11D				
3.3	●13C	●13C	●10C			●13C	●10C		●10C				
3.4	●11C	●11C	●9C			●11C	●9C		●9C				
4.1	●15C	●15C	■11C	■15C	■15C	■15C	■11C	■11C	■11C	■15C	■11C		
4.2	■9B	■9B	●5B	■9B	■9B	●9B	●5B	●5B		■9B	●5B		
4.3	●5B	●5B	●4B	■5B	■5B	●5B	●4B	●4B		■5B	●4B		
5.1	■8D	■8D	●5D	■8D	■8D	■8D	●5D	■5D		■8D	■5D		
5.2	●5C	●5C	●3C	■5C	■5C	●5C	●3C	●3C		■5C	●3C		
5.3	●3C	●3C	●2C	■3C	■3C	●3C	●2C	●2C		■3C	●2C		
6.1	●25D	●25D	●18D	■25D	■25D	●25D	●18D	●18D		■25D	●18D		
6.2	●28E	●28E	■20E	●28E	●28E	●28E	■20E	●20E		●28E	●20E		
6.3	●25D	●25D	●18D			●25D	●18D						
6.4	●14D	●14D	●11D			●14D	●11D						
7.1			●23F	■28F	■28F		●23F	■23F		■28F	●23F		
7.2			●18F	■25F	■25F		●18F	■23F		■25F	●18F		
7.3				■20E	■20E			■15E		■20E	●15E		
7.4				■16D	■16D			■14D		■16D	●14D		
8.1				■30B	■30B			■21B		■30B			
8.2			●21B				●21B		●21B		●21B		
8.3													
9.1				●3A	●3A			●5A		●3A			
10.1													

DORMER

	G135	G335	G131	G137	G154	G155	G129	G149	G349
									
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS-E	HSS-E
		TiN							TiN
	DIN 334 C	DIN 334 C	DIN 334 A	DIN 334 D	DIN 335 C	DIN 335 D	D	D	D
	60°	60°	60°	60°	82°	82°	90°	90°	90°
	6.30 - 25.00	6.30 - 25.00	8.00 - 20.00	16.00 - 80.00	6.30 - 25.00	16.50 - 80.00	6.00 - 31.50	5.00 - 50.00	5.00 - 20.00
	236	**236**	**237**	**238**	**239**	**240**	**241**	**242**	**242**
1.1	■30F	■50E		■30F	■30F	■30F	■30D	■30D	■50D
1.2	■25E	■40E		■25E	■25E	■25E	■25D	■25D	■40D
1.3	■20D	■30D	■20E	■20D	■20D	■20D	■20C	■20C	■30C
1.4	■15D	●20D	■15D	■15D	■15D	■15D	■15B	■15B	■20B
1.5	■10B	●15B	■10D	■10B	■10B	■10B	■10A	●10A	■15A
1.6	●6A	●10B	■6B	●6A	●6A	●6A	●6A	●6A	●10A
1.7									
1.8									
2.1	●8C			●8C	●8C	●8C	●8B	●8B	
2.2	●6B			●6B	●6B	●6B	●6A	●6A	
2.3	●4A		●4B	●4A	●4A	●4A			
2.4									
3.1	●25F	■45F		●25F	●25F	●25F	●25D	●25D	■45D
3.2	●15D	■35D		●15D	●15D	●15D	●15C	●15C	■35C
3.3	●12C	■30C		●12C	●12C	●12C	●12A	●12A	■30A
3.4	●8C	■30C	■8D	●8C	●8C	●8C	●8A	●8A	■30A
4.1	■12C	●20C		■12C	■12C	■12C	■12B	■12B	●20B
4.2	■10A	●15A	■8A	■10A	■10A	■10A	■10A	■10A	●15A
4.3	■8A	●10A	■8A	■8A	■8A	■8A	●8A	●8A	●10A
5.1	■12C	●20C		■12C	■12C	■12C	■12B	■12B	●20B
5.2	■6B	●10B	■6C	■6B	■6B	■6B	■6A	■6A	●10A
5.3	■4A	●6A	■4B	■4A	■4A	■4A	●4A	●4A	●6A
6.1	■25D	●40D		■25D	■25D	■25D	■25B	■25B	●40B
6.2	■20F	●30F		■20F	■20F	■20F	■20C	■20C	●30C
6.3	■25F	●40F		■25F	■25F	■25F	■25C	■25C	●40C
6.4	●10D	●15D	■10F	●10D	●10D	●10D	●10B	●10B	●15B
7.1	●30G	■50G		●30G	●30G	●30G	■30D	■30D	■50D
7.2	●25F	■40F		●25F	●25F	●25F	■25C	■25C	■40C
7.3	●20F	■30F		●20F	●20F	●20F	●20C	●20C	■30C
7.4	●10F	■15F		●10F	●10F	●10F	●10C	●10C	■15C
8.1	●30G	●50G		●30G	●30G	●30G	●30D	●30D	●50D
8.2	●20G	●30G		●20G	●20G	●20G	●20D	●20D	●30D
8.3			●5G						
9.1									
10.1									

	G142	G136	G336	G560	G139	G236	G237	G132
								
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
			TiN	TiAlN			TiAlN	
	DIN 335 C	DIN 335 C	DIN 335 C	DIN 335 C	DIN 335 C	DIN 335 C	DIN 335 C	DIN 335 A
	90°	90°	90°	90°	90°	90°	90°	90°
	4.80 - 31.00	4.30 - 31.00	5.00 - 31.00	6.30 - 31.00	Set No.70 - Set No.72	Set No.1 - Set No.2	Set No.10	8.00 - 20.00
	243	**244**	**245**	**245**	**246**	**246**	**247**	**248**
249	■30F	■30F	■50F	■50E	■30F	■30F	■50E	
1.2	■25E	■25E	■40E	■40E	■25E	■25E	■40E	
1.3	●20D	■20D	■30D	■30D	■20D	■20D	■30D	●20E
1.4	●15D	■15D	■20D	●20D	■15D	■15D	●20D	●15D
1.5		■10B	■15B	●15B	■10B	■10B	●15B	■10D
1.6		●6A	●10A	●10B	●6A	●6A	●10B	■6B
1.7								
1.8								
2.1	■8C	●8C			●8C	●8C		
2.2	■6B	●6B			●6B	●6B		
2.3	■4A	●4A			●4A	●4A		●4B
2.4								
3.1		●25F	■45F	■45F	●25F	●25F	■45F	
3.2		●15D	■35D	■35D	●15D	●15D	■35D	
3.3		●12C	■30C	■30C	●12C	●12C	■30C	
3.4		●8C	■30C	■30C	●8C	●8C	■30C	■8D
4.1	■12C	■12C	●20C	●20C	■12C	■12C	●20C	
4.2	●10A	■10A	●15A	●15A	■10A	■10A	●15A	■8A
4.3		■8A	●10A	●10A	■8A	■8A	●10A	■8A
5.1	■12C	■12C	●20C	●20C	■12C	■12C	●20C	
5.2	●6B	■6B	●10B	●10B	■6B	■6B	●10B	■6C
5.3		■4A	●6A	●6A	■4A	■4A	●6A	■4B
6.1	■25D	■25D	●40D	●40D	■25D	■25D	●40D	
6.2	■20F	■20F	●30F	●30F	■20F	■20F	●30F	
6.3	●25F	■25F	●40F	●40F	■25F	■25F	●40F	
6.4		●10D	●15D	●15D	●10D	●10D	●15D	■10F
7.1	■30G	●30G	■50G	■50G	●30G	●30G	■50G	
7.2	■25F	●25F	■40F	■40F	●25F	●25F	■40F	
7.3	●20F	●20F	■30F	■30F	●20F	●20F	■30F	
7.4	●10F	●10F	■15F	■15F	●10F	●10F	■15F	
8.1	■30G	●30G	●50G	●50G	●30G	●30G	●50G	
8.2	■20G	●20G	●30G	●30G	●20G	●20G	●30G	
8.3								●5G
9.1								
10.1								

DORMER

	G138	G338	G170	G171	M138	G314	G125	G126	G127
									
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
		TIN		TiAlN	ST			ST	
	DIN 335 D	DIN 335 D	DIN 335 C	DIN 335 C	D	D	DIN 373	DIN 375	DIN 1868
	90°	90°	100°	100°	20°	20°	180°	180°	
	15.00 - 80.00	25.00 - 63.00	6.30 - 25.00	6.30 - 25.00	N1 - N6	4.00 - 30.00	6.50 - 20.00	15.00 - 46.00	6.80 - 33.00
	249	**249**	**250**	**250**	**251**	**252**	**253**	**254**	**255**
1.1	■30F	■50F	■30F	■50E	■30D	■30D	■30E	■30E	
1.2	■25E	■40E	■25E	■40E	■25D	■25D	■25E	■25E	
1.3	■20D	■30D	■20D	■30D	■20C	■20C	■20D	■20D	
1.4	■15D	■20D	■15D	●20D	■15B	■15B	●15D	●15D	
1.5	■10B	■15B	■10B	●15B	●10A	●10A	●10C	●10C	
1.6	●6A	●10A	●6A	●10B	●6A	●6A	●6C	●6C	
1.7									
1.8									
2.1	●8C		●8C		●8B	●8B	■8D	■8D	
2.2	●6B		●6B		●6A	●6A	●6C	●6C	
2.3	●4A		●4A		●4A	●4A			
2.4									
3.1	●25F	■45F	●25F	■45F	●25D	●25D	■25E	■25E	
3.2	●15D	■35D	●15D	■35D	●15C	●15C	■15E	■15E	
3.3	●12C	■30C	●12C	■30C	●12A	●12A	●12D	●12D	
3.4	●8C	■30C	●8C	■30C	●8A	●8A	●8C	●8C	
4.1	■12C	●20C	■12C	●20C	■12B	■12B	●12E	●12E	
4.2	■10A	●15A	■10A	●15A	■10A	■10A	●10E	●10E	
4.3	■8A	●10A	■8A	●10A	■8A	■8A	●8E	●8E	
5.1	■12C	●20C	■12C	●20C	■12B	■12B	●12E	●12E	
5.2	■6B	●10B	■6B	●10B	■6A	■6A	●6C	●6C	
5.3	■4A	●6A	■4A	●6A	■4A	■4A	●4E	●4E	
6.1	■25D	●40D	■25D	●40D	■25B	■25B	●25C	●25C	
6.2	■20F	●30F	■20F	●30F	■20C	■20C	●20C	●20C	
6.3	■25F	●40F	■25F	●40F	■25C	■25C	●25C	●25C	
6.4	●10D	●15D	●10D	●15D	●10B	●10B			
7.1	●30G	■50G	●30G	■50G	■30D	■30D	■30G	■30G	
7.2	●25F	■40F	●25F	■40F	■25C	■25C	■25G	■25G	
7.3	●20F	■30F	●20F	■30F	●20C	●20C	●20G	●20G	
7.4	●10F	■15F	●10F	■15F	●10C	●10C	●10E	●10E	
8.1	●30G	●50G	●30G	●50G	■30D	■30D	■30C	■30C	
8.2	●20G	●30G	●20G	●30G	■20D	■20D	●20C	●20C	
8.3									
9.1									
10.1									

	Ø mm												
	1,5	2	3	5	8	10	12	16	20	25	30	40	50
A	0,045	0,055	0,078	0,100	0,150	0,170	0,185	0,220	0,250	0,280	0,320	0,390	0,440
B	0,055	0,072	0,110	0,150	0,180	0,210	0,240	0,280	0,310	0,360	0,400	0,500	0,550
C	0,065	0,085	0,135	0,185	0,220	0,260	0,285	0,335	0,390	0,440	0,480	0,600	0,680
D	0,080	0,110	0,160	0,200	0,270	0,320	0,360	0,410	0,470	0,540	0,600	0,730	0,850
E	0,100	0,140	0,180	0,250	0,350	0,390	0,430	0,500	0,530	0,640	0,750	0,910	1,100
F	0,140	0,180	0,260	0,350	0,440	0,500	0,550	0,630	0,700	0,800	0,930	1,200	1,500
mm/REV ± 15%													

	Ø mm									
	6	8	10	16	20	25	32	40	60	80
A	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.12	0.14	0.16
B	0.04	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20
C	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22
D	0.06	0.08	0.10	0.12	0.15	0.18	0.20	0.22	0.25	0.28
E	0.08	0.10	0.12	0.15	0.18	0.20	0.25	0.27	0.30	0.32
F	0.09	0.11	0.13	0.16	0.19	0.21	0.26	0.29	0.33	0.36
G	0.10	0.12	0.15	0.18	0.20	0.22	0.28	0.32	0.36	0.40
H	0.12	0.15	0.18	0.20	0.22	0.25	0.30	0.35	0.40	0.45
mm/N										

● Základní doporučení pro úběr materiálu při předvrtávání děr ● Javaslat előfúrásnál alkalmazott eltávolítási rátára vonatkozóan ● Podstawowe wskazówki dotyczące usuwania materiału przy wierceniu pod rozwiertak ● Indicatii generale privind adaosul dupa pre-gaurire ● Рекомендованные припуски для предварительного сверления отверстия ● splošna navodila za odvzem materiala pri predvrtanju

	Ø (mm)				
	3 - 5mm	**5.1 - 10mm**	**10.1 - 20mm**	**20.1 - 30mm**	**> 30mm**
1.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.2	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.3	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
1.4	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.5	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.6	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.7	0.1-0.2	0.2	0.2	0.3	0.3-0.4
1.8	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.1	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
2.4	0.1-0.2	0.2	0.2	0.3	0.3-0.4
3.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-0.5
3.2	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-0.5
3.3	0.1-0.2	0.2	0.3	0.4	0.5
3.4	0.1-0.2	0.2	0.3	0.4	0.5
4.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.3-0.4
4.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
4.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
5.1	0.1-0.2	0.2	0.2-0.3	0.3-0.4	0.4-.05
5.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
5.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
6.1	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
6.2	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
6.3	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
6.4	0.1-0.2	0.2	0.2-0.3	0.3	0.3-0.4
7.1	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.2	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.3	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
7.4	0.1-0.2	0.2-0.3	0.3-0.4	0.4-0.5	0.5
8.1	0.1-0.2	0.3	0.4	0.4-0.5	0.5
8.2	0.1-0.2	0.2	0.2	0.3	0.3-0.4
8.3	0.1-0.2	0.2	0.2	0.3	0.3-0.4
9.1	0.1-0.2	0.2	0.2	0.3	0.3-0.4
10.1	0.1-0.2	0.2	0.2-0.3	0.3-04.	0.4-0.5

Pro stavitelné výstružníky nebo výstružníky s břity zmenšete úběr materiálu o 30%. Pro výstružníky s rychlou šroubovicí zvyšte o 50% / Állítható vagy penge dörzsárak esetében csökkentse az előtolást 30%-kal. Csavarthornyú gépi dörzsáraknál növelje 50%-kal / Dla rozwiertaków nastawnych zmniejsz usuwanie materiału o 30%,zostaw wiekszy zapas.Dla rozwiertaków mocno skrętnych zwiększ o 50%,zostaw mniejszy zapas / Pentru alezoare reglabile sau cu lamele, reduceti adaosul cu 30%. Pentru alezoare cu elice pronuntata cresteti cu 50%. / Для регулируемых разверток снижение припуска на 30%. Для разверток с крутым спиральным зубом повышение на 50% / Nastavljiva povrtala ali povrtala na ploščico zmanjšaj odvzem materiala za 30%, pri povrtalih z večjim kotom vijačnice pa povečajte odvzem za 50%

B100

- Výstružník ruční
- Kézi Dörzsár
- Rozwiertak reczny
- Alezor de mana
- Ручная развертка со спиральным зубом
- povrtalo ročno

B100

d2=d1 v toleranci e9 / d2=d1 e9 tűréssel / d2=d1 z tolerancja e9 / d2=d1 cu toleranta e9 / d2=d1 с допуском e9 / d2=d1 s toleranco e9

HSS | ST | DIN 206 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

d_1 Ø Inch	d_1 Ø mm	l_1 mm	l_2 mm	z	a mm	e-Code
	1.50	41	20	3	1.12	B1001.5
1/16	1.59	41	20	3	1.12	B1001/16
	1.60	44	21	3	1.25	B1001.6
5/64	1.98	47	23	4	1.40	B1005/64
	2.00	50	25	4	1.60	B1002.0
3/32	2.38	54	27	4	1.80	B1003/32
	2.50	58	29	4	2.10	B1002.5
7/64	2.78	62	31	6	2.10	B1007/64
	3.00	62	31	6	2.40	B1003.0
1/8	3.18	66	33	6	2.40	B1001/8
	3.20	66	33	6	2.40	B1003.2
	3.50	71	35	6	2.70	B1003.5
9/64	3.57	71	35	6	2.70	B1009/64
5/32	3.97	76	38	6	3.00	B1005/32
	4.00	76	38	6	3.00	B1004.0
11/64	4.37	81	41	6	3.40	B10011/64
	4.50	81	41	6	3.40	B1004.5
3/16	4.76	87	44	6	3.80	B1003/16
	5.00	87	44	6	3.80	B1005.0
13/64	5.16	87	44	6	3.80	B10013/64
	5.50	93	47	6	4.30	B1005.5
7/32	5.56	93	47	6	4.30	B1007/32
15/64	5.95	93	47	6	4.90	B10015/64
	6.00	93	47	6	4.90	B1006.0
1/4	6.35	100	50	6	4.90	B1001/4
	6.50	100	50	6	4.90	B1006.5
17/64	6.75	107	54	6	5.50	B10017/64
	7.00	107	54	6	5.50	B1007.0
9/32	7.14	107	54	6	6.20	B1009/32
	7.50	107	54	6	6.20	B1007.5
19/64	7.54	115	58	6	6.20	B10019/64
5/16	7.94	115	58	6	6.20	B1005/16
	8.00	115	58	6	6.20	B1008.0
21/64	8.33	115	58	6	7.00	B10021/64
	8.50	115	58	6	7.00	B1008.5
11/32	8.73	124	62	6	7.00	B10011/32
	9.00	124	62	6	7.00	B1009.0
23/64	9.13	124	62	6	8.00	B10023/64
	9.50	124	62	6	8.00	B1009.5
3/8	9.53	124	62	6	8.00	B1003/8
25/64	9.92	133	66	6	8.00	B10025/64
	10.00	133	66	6	8.00	B10010.0
13/32	10.32	133	66	6	8.00	B10013/32
	10.50	133	66	6	8.00	B10010.5
	11.00	142	71	6	9.00	B10011.0
7/16	11.11	142	71	6	9.00	B1007/16

d_1 Ø Inch	d_1 Ø mm	l_1 mm	l_2 mm	z	a mm	e-Code
	11.50	142	71	6	9.00	B10011.5
	12.00	152	76	6	9.00	B10012.0
	12.50	152	76	6	10.00	B10012.5
1/2	12.70	152	76	6	10.00	B1001/2
	13.00	152	76	6	10.00	B10013.0
17/32	13.49	163	81	8	11.00	B10017/32
	13.50	163	81	8	11.00	B10013.5
	14.00	163	81	8	11.00	B10014.0
9/16	14.29	163	81	8	11.00	B1009/16
	14.50	163	81	8	11.00	B10014.5
	15.00	163	81	8	12.00	B10015.0
19/32	15.08	163	81	8	12.00	B10019/32
5/8	15.88	175	87	8	12.00	B1005/8
	16.00	175	87	8	12.00	B10016.0
	17.00	175	87	8	13.00	B10017.0
11/16	17.46	188	93	8	14.50	B10011/16
	18.00	188	93	8	14.50	B10018.0
	19.00	188	93	8	14.50	B10019.0
3/4	19.05	188	93	8	14.50	B1003/4
	20.00	201	100	8	16.00	B10020.0
13/16	20.64	201	100	8	16.00	B10013/16
	21.00	201	100	8	16.00	B10021.0
	22.00	215	107	8	18.00	B10022.0
7/8	22.23	215	107	8	18.00	B1007/8
	23.00	215	107	8	18.00	B10023.0
	24.00	231	115	8	18.00	B10024.0
	25.00	231	115	8	20.00	B10025.0
1“	25.40	231	115	8	20.00	B1001
	26.00	231	115	8	20.00	B10026.0
	27.00	247	124	10	22.00	B10027.0
	28.00	247	124	10	22.00	B10028.0
	29.00	247	124	10	22.00	B10029.0
	30.00	247	124	10	24.00	B10030.0
	31.00	265	133	10	24.00	B10031.0
	32.00	265	133	10	24.00	B10032.0
	33.00	265	133	10	26.00	B10033.0
	34.00	284	142	10	26.00	B10034.0
	35.00	284	142	10	29.00	B10035.0
	36.00	284	142	10	29.00	B10036.0
	37.00	284	142	10	29.00	B10037.0
	38.00	305	152	10	29.00	B10038.0
	39.00	305	152	10	32.00	B10039.0
	40.00	305	152	10	32.00	B10040.0
	45.00	326	163	12	35.00	B10045.0
	50.00	347	174	12	39.00	B10050.0

B341

- Výstružník ruční - spirálový, stavitelný
- Állítható kézi Dörzsár – Csavart hornyú
- Rozwiertaki reczne - Skretne - Nastawne
- Alezor de mana - Canal elicoidal - Reglabil
- Регулируемая ручная развертка со спиральным зубом
- povrtalo ročno, nastavljivo

B341

d2=d1 v toleranci e9, stavitelné 1/100 průměru / d2=d1 e9 tűréssel, kiigazítás: átmérő x 1/100 / d2=d1 z tolerancją e9,Zakres nastawy 1/100 Średnicy / d2=d1 cu toleranta e9, gama de reglaj 1/100 din Diametru / d2=d1 с допуском e9, дапазон настройки 1/100 от диаметра / d2=d1 s toleranco e9, korak nastavitve 1/100 D

HSS | ST | DIN 859 | B

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

d1 Ø mm	l1 mm	l2 mm	z	a mm	e-Code
6.0	93	33	6	4.9	**B3416.0**
7.0	107	38	9	5.5	**B3417.0**
8.0	115	42	9	6.2	**B3418.0**
10.0	133	50	9	8.0	**B34110.0**
11.0	142	51	9	9.0	**B34111.0**
12.0	152	56	9	9.0	**B34112.0**

d1 Ø mm	l1 mm	l2 mm	z	a mm	e-Code
14.0	163	61	9	11.0	**B34114.0**
16.0	175	67	9	12.0	**B34116.0**
18.0	188	68	9	14.5	**B34118.0**
20.0	201	75	9	16.0	**B34120.0**

B334

- Stavitelný ruční výstružník - přímá drážka
- Alezoare reglabile de mana - Canale drepte
- Állítható Kézi Dörzsár - Egyenes Hornyú
- Регулируемые ручные развертки
- Rozwiertaki reczne rozprezne - Proste
- povrtalo ročno, ekspanzijsko

B334

HSS | D

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

Nr.	d min-max mm	l_1 mm	l_2 mm	z	a mm	e-Code
000	6.4 - 7.2	110	32	4	3.0	**B334000**
00	7.2 - 8.0	110	32	4	3.4	**B33400**
0	8.0 - 9.0	115	34	5	3.8	**B3340**
1	9.0 - 10.0	115	34	5	4.3	**B3341**
2	10.0 - 11.0	115	34	5	4.9	**B3342**
3	11.0 - 12.0	125	35	5	4.9	**B3343**
4	12.0 - 13.5	135	41	5	6.2	**B3344**
5	13.5 - 15.5	146	50	5	7.0	**B3345**
6	15.5 - 18.0	166	60	5	8.0	**B3346**
7	18.0 - 21.0	178	65	5	9.0	**B3347**

Nr.	d min-max mm	l_1 mm	l_2 mm	z	a mm	e-Code
8	21.0 - 24.0	195	76	5	11.0	**B3348**
9	24.0 - 27.5	218	82	5	12.0	**B3349**
10	27.5 - 31.5	245	86	5	14.5	**B33410**
11	31.5 - 37.0	280	98	6	18.0	**B33411**
12	37.0 - 45.0	325	108	6	20.0	**B33412**
13	45.0 - 55.0	370	118	6	26.0	**B33413**
14	55.0 - 67.0	400	125	6	32.0	**B33414**
15	67.0 - 80.0	435	140	8	39.0	**B33415**
16	80.0 - 95.0	475	155	8	49.0	**B33416**

B335

- Stavitelný ruční výstružník - náhradní díly (B334)
- Alezoare reglabile de mana - Piese de schimb (B334)
- Állítható Kézi Dörzsár - Pótalkatrész (B334)
- Комплектующие для регулируемых ручных разверток
- Rozwiertaki reczne rozprezne - Czesci zamienne (B 331)
- povrtalo ročno, ekspanzijsko

BLADES

NUT

B335

HSS D

Nr.	e-Code
000	B335000BLADES
000	B335000NUT
00	B33500BLADES
00	B33500NUT
0	B3350BLADES
0	B3350NUT
1	B3351BLADES
1	B3351NUT
2	B3352BLADES
2	B3352NUT
3	B3353BLADES
3	B3353NUT
4	B3354BLADES
4	B3354NUT
5	B3355BLADES
5	B3355NUT
6	B3356BLADES
6	B3356NUT
7	B3357BLADES
7	B3357NUT

Nr.	e-Code
8	B3358BLADES
8	B3358NUT
9	B3359BLADES
9	B3359NUT
10	B33510BLADES
10	B33510NUT
11	B33511BLADES
11	B33511NUT
12	B33512BLADES
12	B33512NUT
13	B33513BLADES
13	B33513NUT
14	B33514BLADES
14	B33514NUT
15	B33515BLADES
15	B33515NUT
16	B33516BLADES
16	B33516NUT

B951

- Výstružník ruční kuželový
- Kézi kúpdörzsár
- Rozwiertak reczny stozkowy
- Alezor de mana conic 1:10
- Коническая ручная развертка
- povrtalo ročno

B951

HSS | ST | D | B | 1:10

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

d_2 Ø mm	d_1 Ø mm	l_1 mm	l_2 mm	z	a mm	d_3 Øh$_{11}$ mm	e-Code
10	3	100	70	5	6.2	8	**B95110.0**
15	5	140	100	7	10.0	13	**B95115.0**
25	10	195	150	9	16.0	21	**B95125.0**
35	15	250	200	11	24.0	30	**B95135.0**

d_2 Ø mm	d_1 Ø mm	l_1 mm	l_2 mm	z	a mm	d_3 Øh$_{11}$ mm	e-Code
45	20	275	220	11	32.0	40	**B95145.0**

B301

- Výstružník ruční kuželový - přímá drážka
- Alezor de mana conic pentru stifturi - Canal elicoidal
- Kézi csaplyuk kúpdörzsár – Egyenes hornyú
- Коническая ручная развертка с прямым зубом
- Rozwiertak reczny pod kolki - prosty
- povrtalo ročno konično, spiralno

B301

HSS | ST | BS 328 | A | 1:48

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 2.2 2.3 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 7.3 7.4 8.2

nom Ø	d_1 Ø mm	l_1 mm	l_2 mm	z	a mm	d_2 Ø mm	e-Code	
1/16	1.10	51	25	4	1.2	1.63	**B3011/16**	1)
5/64	1.50	51	25	4	1.6	2.03	**B3015/64**	1)
3/32	1.75	57	32	4	2.0	2.41	**B3013/32**	1)
7/64	2.03	64	38	4	2.2	2.82	**B3017/64**	1)
1/8	2.30	70	44	4	2.5	3.23	**B3011/8**	1)
9/64	2.64	73	48	4	2.8	3.63	**B3019/64**	1)
5/32	2.95	76	51	4	3.1	4.01	**B3015/32**	1)
11/64	3.23	89	57	4	3.6	4.42	**B30111/64**	1)
3/16	3.50	102	70	4	4.0	4.95	**B3013/16**	1)
7/32	4.13	102	70	6	4.5	5.59	**B3017/32**	1)
1/4	4.64	117	86	6	5.0	6.43	**B3011/4**	2)
9/32	5.23	143	105	6	5.6	7.42	**B3019/32**	2)
5/16	5.84	143	105	6	6.3	8.03	**B3015/16**	2)
11/32	6.43	152	114	6	7.1	8.81	**B30111/32**	2)
3/8	7.03	165	127	6	8.0	9.68	**B3013/8**	2)
13/32	7.42	191	146	6	8.0	10.46	**B30113/32**	2)
7/16	8.21	191	146	6	9.0	11.25	**B3017/16**	2)
1/2	9.41	210	165	6	10.0	12.85	**B3011/2**	2)
9/16	10.93	216	171	6	11.2	14.50	**B3019/16**	2)
5/8	12.11	235	191	6	12.5	16.08	**B3015/8**	2)
3/4	14.67	273	222	6	16.0	19.30	**B3013/4**	2)
7/8	17.45	305	241	6	18.0	22.48	**B3017/8**	2)

[1] Limit of tolerance +0.0030 / / / / /
[2] Limit of tolerance +0.0050 / / / / /

B903

- Výstružník ruční kuželový - přímá drážka
- Alezor de mana conic pentru stifturi - Canal elicoidal
- Kézi csaplyuk kúpdörzsár – Egyenes hornyú
- Коническая ручная развертка с прямым зубом
- Rozwiertak reczny pod kolki - prosty
- povrtalo ročno konično, spiralno

B903

HSS | ST | DIN 9 | A | 1:50

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 2.2 2.3 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 7.3 7.4 8.2

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	a mm	d_3 Øh_{11} mm	e-Code	
1.5	1.40	2.14	57	37	4	1.80	2.14	**B9031.5**	1)
2.0	1.90	2.86	68	48	4	2.24	2.86	**B9032.0**	1)
2.5	2.40	3.36	68	48	4	2.80	3.36	**B9032.5**	1)
3.0	2.90	4.06	80	58	4	3.15	4.00	**B9033.0**	1)
4.0	3.90	5.26	93	68	4	4.00	5.00	**B9034.0**	1)
5.0	4.90	6.36	100	73	4	5.00	6.30	**B9035.0**	1)
6.0	5.90	8.00	135	105	6	6.30	7.90	**B9036.0**	2)
8.0	7.90	10.80	180	145	6	8.00	10.50	**B9038.0**	2)
10.0	9.90	13.40	215	175	6	10.00	13.30	**B90310.0**	2)
12.0	11.80	16.00	255	210	8	11.20	16.00	**B90312.0**	2)
13.0	12.86	16.74	255	210	8	12.50	16.74	**B90313.0**	2)
14.0	13.86	17.74	255	210	8	12.50	17.74	**B90314.0**	2)
16.0	15.80	20.40	280	230	8	14.00	20.40	**B90316.0**	2)
20.0	19.80	24.80	310	250	8	18.00	24.80	**B90320.0**	2)

1) Limit of tolerance +0.0750 / / / / /
2) Limit of tolerance +0.1250 / / / / /

B952

DORMER

- Výstružník ruční kuželový – šroubovitá
- Alezor de mana conic pentru stifturi - Canal elicoidal
- Kézi csaplyuk kúpdörzsár - Csavart Hornyú
- Коническая ручная развертка со спиральным зубом
- Rozwiertak reczny pod kolki - skretny
- povrtalo ročno konično, spiralno

B952

HSS | DIN 9 | B | 1:50

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 2.2 2.3 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 7.3 7.4 8.2

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	a mm	d_3 Øh_{11} mm	e-Code	
1.2	1.1	1.74	50	32	3	2.4	3.15	**B9521.2**	1)
1.5	1.4	2.14	57	37	3	2.4	3.15	**B9521.5**	1)
2.0	1.9	2.86	68	48	3	2.4	3.15	**B9522.0**	1)
2.5	2.4	3.36	68	48	4	2.4	3.15	**B9522.5**	1)
3.0	2.9	4.06	80	58	5	3.0	4.00	**B9523.0**	
3.5	3.4	4.66	87	63	5	3.4	4.50	**B9523.5**	
4.0	3.9	5.26	93	68	5	3.8	5.00	**B9524.0**	
4.5	4.4	5.80	95	70	5	4.3	5.60	**B9524.5**	
5.0	4.9	6.36	100	73	5	4.9	6.30	**B9525.0**	
5.5	5.4	7.20	118	90	6	5.5	7.10	**B9525.5**	
6.0	5.9	8.00	135	105	6	6.2	8.00	**B9526.0**	
6.5	6.4	8.60	140	110	6	6.2	8.00	**B9526.5**	
7.0	6.9	9.40	160	125	6	7.0	9.00	**B9527.0**	
8.0	7.9	10.8	180	145	6	8.0	10.00	**B9528.0**	
9.0	8.9	12.1	195	160	6	9.0	11.20	**B9529.0**	
10.0	9.9	13.4	215	175	6	10.0	12.50	**B95210.0**	
12.0	11.8	16.0	255	210	8	11.0	14.00	**B95212.0**	
13.0	12.8	17.0	255	210	8	12.0	16.00	**B95213.0**	
14.0	13.8	18.0	255	210	8	12.0	16.00	**B95214.0**	
16.0	15.8	20.4	280	230	8	14.5	18.00	**B95216.0**	
20.0	19.8	24.8	310	250	8	18.0	22.40	**B95220.0**	
25.0	24.7	30.7	370	300	10	22.0	28.00	**B95225.0**	
30.0	29.7	36.1	400	320	10	24.0	31.50	**B95230.0**	
40.0	39.7	46.5	430	340	12	32.0	40.00	**B95240.0**	
50.0	49.7	56.9	460	360	12	39.0	50.00	**B95250.0**	

1) Šroubovice, typ A / Egyenes hornyú, A alak / Prosty rowek wiórowy,forma A / Ca2nale drepte, forma A / Прямая стружечная канавка, форма A / Ravna oblika, oblika A

B500

- Výstružník strojní
- Alezoare de masina
- Gépi Dörzsár
- Машинная развертка с прямым зубом
- Rozwiertak maszynowy
- povrtalo strojno

B500

HSS-E | DIN 212 | A | H7

■ 3.1 4.1

● 3.2 3.3 3.4 6.2 6.3 6.4 8.2

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_9$	
mm	mm	mm	mm	z	mm	e-Code
2.0	49	11	24	4	2.0	**B5002.0**
2.5	57	14	28	4	2.5	**B5002.5**
3.0	61	15	32	6	3.0	**B5003.0**
3.5	70	18	40	6	3.5	**B5003.5**
4.0	75	19	43	6	4.0	**B5004.0**
4.5	80	21	47	6	4.5	**B5004.5**
5.0	86	23	52	6	5.0	**B5005.0**
6.0	93	26	57	6	5.6	**B5006.0**
7.0	109	31	69	6	7.1	**B5007.0**
8.0	117	33	75	6	8.0	**B5008.0**
9.0	125	36	81	6	9.0	**B5009.0**
10.0	133	38	87	6	10.0	**B50010.0**

d_1 Ø	l_1	l_2	l_3		d_2 Øh$_9$	
mm	mm	mm	mm	z	mm	e-Code
11.0	142	41	96	6	10.0	**B50011.0**
12.0	151	44	105	6	10.0	**B50012.0**
13.0	151	44	105	6	10.0	**B50013.0**
14.0	160	47	110	8	12.5	**B50014.0**
15.0	162	50	112	8	12.5	**B50015.0**
16.0	170	52	120	8	12.5	**B50016.0**
17.0	175	54	123	8	14.0	**B50017.0**
18.0	182	56	130	8	14.0	**B50018.0**
19.0	189	58	131	8	16.0	**B50019.0**
20.0	195	60	137	8	16.0	**B50020.0**

B180

DORMER

- NC - přesný výstružník
- NC - Precíziós Dörzsár
- Rozwiertaki precyzyjne dla obrabiarek CNC
- Alezor de precizie pt NC
- Развертка для станков ЧПУ
- NC povrtalo precizno

B191
220

B180

HSS-E | DIN 212 | DIN 6535 HA | B | H7

■ 1.1 1.2 1.3 1.4 2.1 4.2 5.1

● 1.5 1.6 2.2 2.3 2.4 3.1 3.2 3.3 3.4 4.1 4.3 5.2 5.3 6.1 6.2 6.3 6.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
1.5	40	8	18	3	2	B1801.5
1.6	43	9	20	3	2	B1801.6
1.7	43	9	20	3	2	B1801.7
1.8	46	10	22	4	2	B1801.8
1.9	46	10	22	4	2	B1801.9
2.0	49	11	24	4	2	B1802.0
2.1	49	11	24	4	2	B1802.1
2.2	53	12	26	4	3	B1802.2
2.3	53	12	26	4	3	B1802.3
2.4	57	14	28	4	3	B1802.4
2.5	57	14	28	4	3	B1802.5
2.6	57	14	28	4	3	B1802.6
2.7	61	15	32	6	3	B1802.7
2.8	61	15	32	6	3	B1802.8
2.9	61	15	32	6	3	B1802.9
3.0	61	15	32	6	3	B1803.0
3.1	65	16	35	6	4	B1803.1
3.2	65	16	35	6	4	B1803.2
3.3	65	16	35	6	4	B1803.3
3.4	70	18	40	6	4	B1803.4
3.5	70	18	40	6	4	B1803.5
3.6	70	18	40	6	4	B1803.6
3.7	70	18	40	6	4	B1803.7
3.8	75	19	43	6	4	B1803.8
3.9	75	19	43	6	4	B1803.9
4.0	75	19	43	6	4	B1804.0
4.1	75	19	43	6	4	B1804.1
4.2	75	19	43	6	4	B1804.2
4.3	80	21	47	6	5	B1804.3
4.4	80	21	47	6	5	B1804.4
4.5	80	21	47	6	5	B1804.5
4.6	80	21	47	6	5	B1804.6
4.7	80	21	47	6	5	B1804.7
4.8	86	23	52	6	5	B1804.8
4.9	86	23	52	6	5	B1804.9
5.0	86	23	52	6	5	B1805.0
5.1	86	23	52	6	5	B1805.1
5.2	86	23	52	6	5	B1805.2
5.3	86	23	52	6	5	B1805.3
5.4	93	26	57	6	6	B1805.4
5.5	93	26	57	6	6	B1805.5
5.6	93	26	57	6	6	B1805.6
5.7	93	26	57	6	6	B1805.7
5.8	93	26	57	6	6	B1805.8
5.9	93	26	57	6	6	B1805.9
6.0	93	26	57	6	6	B1806.0
6.1	101	28	63	6	6	B1806.1
6.2	101	28	63	6	6	B1806.2

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
6.3	101	28	63	6	6	B1806.3
6.4	101	28	63	6	6	B1806.4
6.5	101	28	63	6	6	B1806.5
6.6	101	28	63	6	6	B1806.6
6.7	101	28	63	6	6	B1806.7
6.8	109	31	69	6	8	B1806.8
6.9	109	31	69	6	8	B1806.9
7.0	109	31	69	6	8	B1807.0
7.1	109	31	69	6	8	B1807.1
7.2	109	31	69	6	8	B1807.2
7.3	109	31	69	6	8	B1807.3
7.4	109	31	69	6	8	B1807.4
7.5	109	31	69	6	8	B1807.5
7.6	117	33	75	6	8	B1807.6
7.7	117	33	75	6	8	B1807.7
7.8	117	33	75	6	8	B1807.8
7.9	117	33	75	6	8	B1807.9
8.0	117	33	75	6	8	B1808.0
8.1	117	33	75	6	8	B1808.1
8.2	117	33	75	6	8	B1808.2
8.3	117	33	75	6	8	B1808.3
8.4	117	33	75	6	8	B1808.4
8.5	117	33	75	6	8	B1808.5
8.6	125	36	81	6	10	B1808.6
8.7	125	36	81	6	10	B1808.7
8.8	125	36	81	6	10	B1808.8
8.9	125	36	81	6	10	B1808.9
9.0	125	36	81	6	10	B1809.0
9.1	125	36	81	6	10	B1809.1
9.2	125	36	81	6	10	B1809.2
9.3	125	36	81	6	10	B1809.3
9.4	125	36	81	6	10	B1809.4
9.5	125	36	81	6	10	B1809.5
9.6	133	38	87	6	10	B1809.6
9.7	133	38	87	6	10	B1809.7
9.8	133	38	87	6	10	B1809.8
9.9	133	38	87	6	10	B1809.9
10.0	133	38	87	6	10	B18010.0
11.0	142	41	96	6	10	B18011.0
12.0	151	44	105	6	10	B18012.0
13.0	151	44	105	6	10	B18013.0
14.0	160	47	110	8	14	B18014.0
15.0	162	50	112	8	14	B18015.0
16.0	170	52	120	8	14	B18016.0
17.0	175	54	123	8	14	B18017.0
18.0	182	56	130	8	14	B18018.0
19.0	189	58	131	8	16	B18019.0
20.0	195	60	137	8	16	B18020.0

B191

- NC - přesný výstružník
- NC – Precíziós dörzsár készlet
- Rozwiertaki precyzyjne dla obrabiarek CNC
- Alezor de precizie pt NC
- Набор разверток для станков с ЧПУ
- NC povrtalo precizno

B191

A = katalogové číslo jednotlivých výstružníků, B=počet výstružníků v sadě, C=rozměry v sadě / A = Típusok a készletben, B=Fúrók száma a készletben, C=Átmérők a készletben / A = Zakres średnic w komplecie, B=Ilosc wiertel w komplecie, C=Zakres srednic wystepujacy w komplecie / A = Types in Set, B=Nr. burghie in Set, C=Diametre in Set / B=кол-во сверл в наборе, C=диаметры в наборе / A = v setu, B=Št.svedrov v grt, C=Premeri v grt

Nr.	A	B	C	e-Code
10S	B180 type inside	10 pcs	1.5mm 2.0mm 3.0mm 4.0mm 5.0mm 6.0mm 7.0mm 8.0mm 10.0mm 12.0mm	**B19110S**

B181

- NC - setinový výstružník pro vysoce přesné upnutí
- Alezor NC, centesimale pentru portscule de precizie
- NC - dörzsár nagypontosságú befogótokmányhoz
- Развертка для станков с ЧПУ
- NC- Rozwiertak Precyzyjny przeznaczony do mocowania w dokładnych uchwytach
- NC precizno povrtalo za visokoprecizna vpenjala

B181

HSS-E | DIN 212 | DIN 6535 HA | B | Ø.95-5.5 0,+0.004 Ø5.51-12 0,+0.005

■ 1.1 1.2 1.3 1.4 2.1 4.2 5.1

● 1.5 1.6 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.3 5.2 5.3 6.1 6.2 6.3 6.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
1.00	34	5.5	15	3	1	**B1811.00**
1.01	34	5.5	15	3	1	**B1811.01**
1.02	34	5.5	15	3	1	**B1811.02**
1.50	40	8.0	18	3	2	**B1811.50**
1.51	43	9.0	20	3	2	**B1811.51**
1.52	43	9.0	20	3	2	**B1811.52**
1.97	49	11.0	24	4	2	**B1811.97**
1.98	49	11.0	24	4	2	**B1811.98**
1.99	49	11.0	24	4	2	**B1811.99**
2.00	49	11.0	24	4	2	**B1812.00**
2.01	49	11.0	24	4	2	**B1812.01**
2.02	49	11.0	24	4	2	**B1812.02**
2.48	57	14.0	28	4	3	**B1812.48**
2.49	57	14.0	28	4	3	**B1812.49**
2.50	57	14.0	28	4	3	**B1812.50**
2.51	57	14.0	28	4	3	**B1812.51**
2.52	57	14.0	28	4	3	**B1812.52**
2.97	61	15.0	32	6	3	**B1812.97**
2.98	61	15.0	32	6	3	**B1812.98**
2.99	61	15.0	32	6	3	**B1812.99**
3.00	61	15.0	32	6	3	**B1813.00**
3.01	65	16.0	35	6	4	**B1813.01**
3.02	65	16.0	35	6	4	**B1813.02**
3.97	75	19.0	43	6	4	**B1813.97**
3.98	75	19.0	43	6	4	**B1813.98**
3.99	75	19.0	43	6	4	**B1813.99**
4.00	75	19.0	43	6	4	**B1814.00**
4.01	75	19.0	43	6	4	**B1814.01**
4.02	75	19.0	43	6	4	**B1814.02**
4.97	86	23.0	52	6	5	**B1814.97**

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_6$ mm	e-Code
4.98	86	23.0	52	6	5	**B1814.98**
4.99	86	23.0	52	6	5	**B1814.99**
5.00	86	23.0	52	6	5	**B1815.00**
5.01	86	23.0	52	6	5	**B1815.01**
5.02	86	23.0	52	6	5	**B1815.02**
5.97	93	26.0	57	6	6	**B1815.97**
5.98	93	26.0	57	6	6	**B1815.98**
5.99	93	26.0	57	6	6	**B1815.99**
6.00	93	26.0	57	6	6	**B1816.00**
6.01	101	28.0	63	6	6	**B1816.01**
6.02	101	28.0	63	6	6	**B1816.02**
7.97	117	33.0	75	6	8	**B1817.97**
7.98	117	33.0	75	6	8	**B1817.98**
7.99	117	33.0	75	6	8	**B1817.99**
8.00	117	33.0	75	6	8	**B1818.00**
8.01	117	33.0	75	6	8	**B1818.01**
8.02	117	33.0	75	6	8	**B1818.02**
9.00	125	36.0	81	6	10	**B1819.00**
9.01	125	36.0	81	6	10	**B1819.01**
9.02	125	36.0	81	6	10	**B1819.02**
9.97	133	38.0	87	6	10	**B1819.97**
9.98	133	38.0	87	6	10	**B1819.98**
9.99	133	38.0	87	6	10	**B1819.99**
10.00	133	38.0	87	6	10	**B18110.00**
10.01	133	38.0	87	6	10	**B18110.01**
10.02	133	38.0	87	6	10	**B18110.02**
11.97	151	44.0	105	6	10	**B18111.97**
11.98	151	44.0	105	6	10	**B18111.98**
11.99	151	44.0	105	6	10	**B18111.99**
12.00	151	44.0	105	6	10	**B18112.00**

B156

- Výstružník strojní
- Alezoare de masina
- Gépi Dörzsár
- Машинная развертка со спиральным зубом
- Rozwiertak maszynowy
- povrtalo strojno

B156

HSS-E | DIN 212 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 4.2 5.1

● 1.5 1.6 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.3 5.2 5.3 6.1 6.2 6.3 6.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
1.5	40	8	18	3	1.5	**B1561.5**
1.6	43	9	20	3	1.6	**B1561.6**
1.8	46	10	22	4	1.8	**B1561.8**
2.0	49	11	24	4	2.0	**B1562.0**
2.2	53	12	26	4	2.2	**B1562.2**
2.5	57	14	28	4	2.5	**B1562.5**
2.8	61	15	32	6	2.8	**B1562.8**
3.0	61	15	32	6	3.0	**B1563.0**
3.2	65	16	35	6	3.2	**B1563.2**
3.5	70	18	40	6	3.5	**B1563.5**
4.0	75	19	43	6	4.0	**B1564.0**
4.5	80	21	47	6	4.5	**B1564.5**
5.0	86	23	52	6	5.0	**B1565.0**
5.5	93	26	57	6	5.6	**B1565.5**
6.0	93	26	57	6	5.6	**B1566.0**
6.5	101	28	63	6	6.3	**B1566.5**

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
7.0	109	31	69	6	7.1	**B1567.0**
8.0	117	33	75	6	8.0	**B1568.0**
9.0	125	36	81	6	9.0	**B1569.0**
10.0	133	38	87	6	10.0	**B15610.0**
11.0	142	41	96	6	10.0	**B15611.0**
12.0	151	44	105	6	10.0	**B15612.0**
13.0	151	44	105	6	10.0	**B15613.0**
14.0	160	47	110	8	12.5	**B15614.0**
15.0	162	50	112	8	12.5	**B15615.0**
16.0	170	52	120	8	12.5	**B15616.0**
17.0	175	54	123	8	14.0	**B15617.0**
18.0	182	56	130	8	14.0	**B15618.0**
19.0	189	58	131	8	16.0	**B15619.0**
20.0	195	60	137	8	16.0	**B15620.0**

B170

- Výstružník strojní, setinný
- Alezor de masina centesimal
- Tizedes gépi dörzsár
- Машинная развертка со спиральным зубом
- Rozwiertak maszynowy
- Strojno povrtalo

B170

HSS-E | DIN 212 | B | Ø.95-5.5 0,+0.004 | Ø5.51-12 0,+0.005

■ 1.1 1.2 1.3 1.4 2.1 4.2 5.1

● 1.5 1.6 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.3 5.2 5.3 6.1 6.2 6.3 6.4

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
0.98	34	5.5	15	3	1.0	**B170.98**
0.99	34	5.5	15	3	1.0	**B170.99**
1.00	34	5.5	15	3	1.0	**B1701.0**
1.01	34	5.5	15	3	1.0	**B1701.01**
1.02	34	5.5	15	3	1.0	**B1701.02**
1.03	34	5.5	15	3	1.0	**B1701.03**
1.04	34	5.5	15	3	1.0	**B1701.04**
1.05	34	5.5	15	3	1.0	**B1701.05**
1.49	40	8.0	18	3	1.5	**B1701.49**
1.50	40	8.0	18	3	1.5	**B1701.5**
1.51	43	9.0	20	3	1.6	**B1701.51**
1.52	43	9.0	20	3	1.6	**B1701.52**
1.98	49	11.0	24	4	2.0	**B1701.98**
1.99	49	11.0	24	4	2.0	**B1701.99**
2.00	49	11.0	24	4	2.0	**B1702.0**
2.01	49	11.0	24	4	2.0	**B1702.01**
2.02	49	11.0	24	4	2.0	**B1702.02**
2.03	49	11.0	24	4	2.0	**B1702.03**
2.04	49	11.0	24	4	2.0	**B1702.04**
2.05	49	11.0	24	4	2.0	**B1702.05**
2.49	57	14.0	28	4	2.5	**B1702.49**
2.50	57	14.0	28	4	2.5	**B1702.5**
2.51	57	14.0	28	4	2.5	**B1702.51**
2.52	57	14.0	28	4	2.5	**B1702.52**
2.98	61	15.0	32	6	3.0	**B1702.98**
2.99	61	15.0	32	6	3.0	**B1702.99**
3.00	61	15.0	32	6	3.0	**B1703.0**
3.01	65	16.0	35	6	3.2	**B1703.01**
3.02	65	16.0	35	6	3.2	**B1703.02**
3.03	65	16.0	35	6	3.2	**B1703.03**
3.04	65	16.0	35	6	3.2	**B1703.04**
3.05	65	16.0	35	6	3.2	**B1703.05**
3.49	70	18.0	40	6	3.5	**B1703.49**
3.50	70	18.0	40	6	3.5	**B1703.5**
3.51	70	18.0	40	6	3.5	**B1703.51**
3.52	70	18.0	40	6	3.5	**B1703.52**
3.98	75	19.0	43	6	4.0	**B1703.98**
3.99	75	19.0	43	6	4.0	**B1703.99**
4.00	75	19.0	43	6	4.0	**B1704.0**
4.01	75	19.0	43	6	4.0	**B1704.01**
4.02	75	19.0	43	6	4.0	**B1704.02**
4.03	75	19.0	43	6	4.0	**B1704.03**
4.04	75	19.0	43	6	4.0	**B1704.04**
4.05	75	19.0	43	6	4.0	**B1704.05**

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
4.49	80	21.0	47	6	4.5	**B1704.49**
4.50	80	21.0	47	6	4.5	**B1704.5**
4.51	80	21.0	47	6	4.5	**B1704.51**
4.52	80	21.0	47	6	4.5	**B1704.52**
4.98	86	23.0	52	6	5.0	**B1704.98**
4.99	86	23.0	52	6	5.0	**B1704.99**
5.00	86	23.0	52	6	5.0	**B1705.0**
5.01	86	23.0	52	6	5.0	**B1705.01**
5.02	86	23.0	52	6	5.0	**B1705.02**
5.03	86	23.0	52	6	5.0	**B1705.03**
5.04	86	23.0	52	6	5.0	**B1705.04**
5.05	86	23.0	52	6	5.0	**B1705.05**
5.49	93	26.0	57	6	5.6	**B1705.49**
5.50	93	26.0	57	6	5.6	**B1705.5**
5.51	93	26.0	57	6	5.6	**B1705.51**
5.52	93	26.0	57	6	5.6	**B1705.52**
5.98	93	26.0	57	6	5.6	**B1705.98**
5.99	93	26.0	57	6	5.6	**B1705.99**
6.00	93	26.0	57	6	5.6	**B1706.0**
6.01	101	28.0	63	6	6.3	**B1706.01**
6.02	101	28.0	63	6	6.3	**B1706.02**
6.03	101	28.0	63	6	6.3	**B1706.03**
6.04	101	28.0	63	6	6.3	**B1706.04**
6.05	101	28.0	63	6	6.3	**B1706.05**
6.49	101	28.0	63	6	6.3	**B1706.49**
6.50	101	28.0	63	6	6.3	**B1706.5**
6.51	101	28.0	63	6	6.3	**B1706.51**
6.52	101	28.0	63	6	6.3	**B1706.52**
6.98	109	31.0	69	6	7.1	**B1706.98**
6.99	109	31.0	69	6	7.1	**B1706.99**
7.00	109	31.0	69	6	7.1	**B1707.0**
7.01	109	31.0	69	6	7.1	**B1707.01**
7.02	109	31.0	69	6	7.1	**B1707.02**
7.03	109	31.0	69	6	7.1	**B1707.03**
7.04	109	31.0	69	6	7.1	**B1707.04**
7.05	109	31.0	69	6	7.1	**B1707.05**
7.49	109	31.0	69	6	7.1	**B1707.49**
7.50	109	31.0	69	6	7.1	**B1707.5**
7.51	117	33.0	75	6	8.0	**B1707.51**
7.52	117	33.0	75	6	8.0	**B1707.52**
7.98	117	33.0	75	6	8.0	**B1707.98**
7.99	117	33.0	75	6	8.0	**B1707.99**
8.00	117	33.0	75	6	8.0	**B1708.0**
8.01	117	33.0	75	6	8.0	**B1708.01**

B170

d_1 Ø	l_1	l_2	l_3		d_2 Øh_9	
mm	mm	mm	mm	z	mm	e-Code
8.02	117	33.0	75	6	8.0	**B1708.02**
8.03	117	33.0	75	6	8.0	**B1708.03**
8.04	117	33.0	75	6	8.0	**B1708.04**
8.05	117	33.0	75	6	8.0	**B1708.05**
8.49	117	33.0	75	6	8.0	**B1708.49**
8.50	117	33.0	75	6	8.0	**B1708.5**
8.51	125	36.0	81	6	9.0	**B1708.51**
8.52	125	36.0	81	6	9.0	**B1708.52**
8.98	125	36.0	81	6	9.0	**B1708.98**
8.99	125	36.0	81	6	9.0	**B1708.99**
9.00	125	36.0	81	6	9.0	**B1709.0**
9.01	125	36.0	81	6	9.0	**B1709.01**
9.02	125	36.0	81	6	9.0	**B1709.02**
9.03	125	36.0	81	6	9.0	**B1709.03**
9.04	125	36.0	81	6	9.0	**B1709.04**
9.05	125	36.0	81	6	9.0	**B1709.05**
9.49	125	36.0	81	6	9.0	**B1709.49**
9.50	125	36.0	81	6	9.0	**B1709.5**
9.51	133	38.0	87	6	10.0	**B1709.51**
9.52	133	38.0	87	6	10.0	**B1709.52**
9.98	133	38.0	87	6	10.0	**B1709.98**
9.99	133	38.0	87	6	10.0	**B1709.99**
10.00	133	38.0	87	6	10.0	**B17010.0**
10.01	133	38.0	87	6	10.0	**B17010.01**

d_1 Ø	l_1	l_2	l_3		d_2 Øh_9	
mm	mm	mm	mm	z	mm	e-Code
10.02	133	38.0	87	6	10.0	**B17010.02**
10.03	133	38.0	87	6	10.0	**B17010.03**
10.04	133	38.0	87	6	10.0	**B17010.04**
10.05	133	38.0	87	6	10.0	**B17010.05**
10.49	133	38.0	87	6	10.0	**B17010.49**
10.50	133	38.0	87	6	10.0	**B17010.5**
10.51	133	38.0	87	6	10.0	**B17010.51**
10.52	133	38.0	87	6	10.0	**B17010.52**
10.98	142	41.0	96	6	10.0	**B17010.98**
10.99	142	41.0	96	6	10.0	**B17010.99**
11.00	142	41.0	96	6	10.0	**B17011.0**
11.01	142	41.0	96	6	10.0	**B17011.01**
11.02	142	41.0	96	6	10.0	**B17011.02**
11.03	142	41.0	96	6	10.0	**B17011.03**
11.04	142	41.0	96	6	10.0	**B17011.04**
11.05	142	41.0	96	6	10.0	**B17011.05**
11.49	142	41.0	96	6	10.0	**B17011.49**
11.50	142	41.0	96	6	10.0	**B17011.5**
11.51	142	41.0	96	6	10.0	**B17011.51**
11.52	142	41.0	96	6	10.0	**B17011.52**
11.98	151	44.0	105	6	10.0	**B17011.98**
11.99	151	44.0	105	6	10.0	**B17011.99**
12.00	151	44.0	105	6	10.0	**B17012.0**

B901

- Výstružník strojní
- Alezoare de masina
- Gépi Dörzsár
- Машинная развертка со спиральным зубом
- Rozwiertak maszynowy
- povrtalo strojno

B901

d2=d1-0.025

HSS | ST | BS 328 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

d_1 Ø inch	d_1 Ø mm	l_1 mm	l_2 mm	z	e-Code
	1.50	44	21	4	**B9011.5**
1/16	1.59	44	21	4	**B9011/16**
	2.00	50	25	4	**B9012.0**
3/32	2.38	58	29	4	**B9013/32**
	2.50	58	29	4	**B9012.5**
	3.00	62	31	4	**B9013.0**
1/8	3.18	66	33	4	**B9011/8**
	3.50	71	35	4	**B9013.5**
9/64	3.57	71	35	4	**B9019/64**
5/32	3.97	76	38	6	**B9015/32**
	4.00	76	38	6	**B9014.0**
11/64	4.37	81	41	6	**B90111/64**
	4.50	81	41	6	**B9014.5**
3/16	4.76	87	44	6	**B9013/16**
	5.00	87	44	6	**B9015.0**
13/64	5.16	87	44	6	**B90113/64**
	5.50	93	47	6	**B9015.5**
7/32	5.56	93	47	6	**B9017/32**

d_1 Ø inch	d_1 Ø mm	l_1 mm	l_2 mm	z	e-Code
15/64	5.95	93	47	6	**B90115/64**
	6.00	93	47	6	**B9016.0**
1/4	6.35	100	50	6	**B9011/4**
	7.00	107	54	6	**B9017.0**
9/32	7.14	107	54	6	**B9019/32**
5/16	7.94	115	58	6	**B9015/16**
	8.00	115	58	6	**B9018.0**
11/32	8.73	124	62	6	**B90111/32**
	9.00	124	62	6	**B9019.0**
3/8	9.53	133	66	6	**B9013/8**
	10.00	133	66	6	**B90110.0**
13/32	10.32	133	66	6	**B90113/32**
	11.00	142	71	6	**B90111.0**
7/16	11.11	142	71	6	**B9017/16**
	12.00	152	76	6	**B90112.0**
1/2	12.70	152	76	6	**B9011/2**

B157

- Strojní výstružník, levotočivá šroubovice 45°
- Alezor de masina, canale stanga 45º
- Gépi dörzsár, 45°-os balos spirállal
- Машинная развертка с левосторонней спиралью 45°
- Rozwiertak Maszynowy Lewy kąt rowka wiórowego 45st.
- Strojno povrtalo, leva vijačnica 45°

B157

HSS-E | DIN 212 | E | H7

■ 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 7.1 7.2 7.3 7.4 8.1

● 1.1 1.2 1.3 1.4 1.5 1.6 6.2 9.1

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
2.0	49	11	24	3	2.0	**B1572.0**
3.0	61	15	32	3	3.0	**B1573.0**
4.0	75	19	43	3	4.0	**B1574.0**
5.0	86	23	52	3	5.0	**B1575.0**
6.0	93	26	57	3	5.6	**B1576.0**
7.0	109	31	69	3	7.1	**B1577.0**
8.0	117	33	75	3	8.0	**B1578.0**
9.0	125	36	81	3	9.0	**B1579.0**
10.0	133	38	87	3	10.0	**B15710.0**
11.0	142	41	96	3	10.0	**B15711.0**

d_1 Ø mm	l_1 mm	l_2 mm	l_3 mm	z	d_2 Øh$_9$ mm	e-Code
12.0	151	44	105	3	10.0	**B15712.0**
13.0	151	44	105	3	10.0	**B15713.0**
14.0	160	47	110	3	12.5	**B15714.0**
15.0	162	50	112	3	12.5	**B15715.0**
16.0	170	52	120	3	12.5	**B15716.0**
17.0	175	54	123	3	14.0	**B15717.0**
18.0	182	56	130	3	14.0	**B15718.0**
19.0	189	58	131	3	16.0	**B15719.0**
20.0	195	60	137	3	16.0	**B15720.0**

B953

- Strojní výstružník pro kuželové kolíky, levotočivá šroubovice 45°
- Alezor de masina, pentru stifturi conice, canale stanga 45°
- Gépi, kúpdörzsár, 45°-os balos spirállal
- Машинная коническая развертка с левосторонней спиралью 45°
- Rozwiertak Maszynowy pod Kołki Stożkowe Lewy,kąt rowka wiórowego 45st.
- Stronjo konično povrtalo, leva vijačnica 45°, cilindrično vpetje

B953

Hrot dle DIN 1809 / Menesztő a DIN 1809 szabvány szerint / Chwyt zgodnie z DIN 1809 / Antrenor conf. DIN 1809 / Согласно DIN 1809 / DIN 1809

■ 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 7.1 7.2 7.3 7.4 8.1

● 1.1 1.2 1.3 1.4 1.5 1.6 6.2 9.1

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	d_3 Øh_9 mm	e-Code
1.0	0.8	1.46	60	33	2	1.4	**B9531.0**
1.5	1.4	2.14	70	37	2	2.1	**B9531.5**
2.0	1.9	2.86	86	48	3	3.15	**B9532.0**
2.5	2.4	3.36	86	48	3	3.15	**B9532.5**
3.0	2.9	4.06	100	58	3	4.0	**B9533.0**
4.0	3.9	5.26	112	68	3	5.0	**B9534.0**

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	d_3 Øh_9 mm	e-Code
5.0	4.9	6.36	122	73	3	6.3	**B9535.0**
6.0	5.9	8.00	160	105	3	8.0	**B9536.0**
6.5	6.4	8.78	188	119	3	8.5	**B9536.5**
8.0	7.9	10.80	207	145	3	10.0	**B9538.0**
10.0	9.9	13.40	245	175	3	12.5	**B95310.0**
12.0	11.8	16.00	290	210	3	16.0	**B95312.0**

B161

- Výstružník strojní
- Alezoare de masina
- Kúpos szárú gépi dörzsár
- Машинная развертка со спиральным зубом
- Rozwiertak maszynowy
- povrtalo strojno

B161

HSS-E | DIN 208 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 4.1 5.1

● 1.5 1.6 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.1 6.2 6.3 6.4

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
3.0	113	15	47.5	6	1	**B1613.0**
4.0	124	19	58.5	6	1	**B1614.0**
5.0	133	23	67.5	6	1	**B1615.0**
6.0	138	26	72.5	6	1	**B1616.0**
7.0	150	31	84.5	6	1	**B1617.0**
8.0	156	33	90.5	6	1	**B1618.0**
9.0	162	36	96.5	6	1	**B1619.0**
10.0	168	38	102.5	6	1	**B16110.0**
11.0	175	41	109.5	6	1	**B16111.0**
12.0	182	44	116.5	6	1	**B16112.0**
13.0	182	44	116.5	6	1	**B16113.0**
14.0	189	47	123.5	8	1	**B16114.0**
15.0	204	50	124	8	2	**B16115.0**
16.0	210	52	130	8	2	**B16116.0**
17.0	214	54	134	8	2	**B16117.0**
18.0	219	56	139	8	2	**B16118.0**
19.0	223	58	143	8	2	**B16119.0**
20.0	228	60	148	8	2	**B16120.0**
21.0	232	62	152	8	2	**B16121.0**
22.0	237	64	157	8	2	**B16122.0**
23.0	241	66	161	8	2	**B16123.0**
24.0	268	68	169	8	3	**B16124.0**

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
25.0	268	68	169	8	3	**B16125.0**
26.0	273	70	174	8	3	**B16126.0**
27.0	277	71	178	10	3	**B16127.0**
28.0	277	71	178	10	3	**B16128.0**
29.0	281	73	182	10	3	**B16129.0**
30.0	281	73	182	10	3	**B16130.0**
31.0	285	75	186	10	3	**B16131.0**
32.0	317	77	193	10	4	**B16132.0**
33.0	317	77	193	10	4	**B16133.0**
34.0	321	78	197	10	4	**B16134.0**
35.0	321	78	197	10	4	**B16135.0**
36.0	325	79	201	10	4	**B16136.0**
38.0	329	81	205	10	4	**B16138.0**
40.0	329	81	205	10	4	**B16140.0**
42.0	333	82	209	12	4	**B16142.0**
44.0	336	83	212	12	4	**B16144.0**
45.0	336	83	212	12	4	**B16145.0**
46.0	340	84	216	12	4	**B16146.0**
47.0	340	84	216	12	4	**B16147.0**
48.0	344	86	220	12	4	**B16148.0**
50.0	344	86	220	12	4	**B16150.0**

B101

DORMER

- Výstružník strojní
- Alezoare de masina
- Kúpos szárú gépi dörzsár
- Машинная развертка со спиральным зубом
- Rozwiertak maszynowy
- povrtalo strojno

B101

HSS | ST | BS 328 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 3.1 4.1 6.2

● 1.5 1.6 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.1 6.3 6.4 7.1 7.2 8.2

d_1 Ø Inch	d_1 Ø mm	l_1 mm	l_2 mm	z	MK	e-Code
	3.00	112	33	4	1	B1013.0
1/8	3.18	112	33	4	1	B1011/8
	3.50	115	35	6	1	B1013.5
5/32	3.97	117	38	6	1	B1015/32
	4.00	117	38	6	1	B1014.0
	4.50	120	41	6	1	B1014.5
3/16	4.76	124	44	6	1	B1013/16
	5.00	124	44	6	1	B1015.0
	5.50	127	47	6	1	B1015.5
7/32	5.56	127	47	6	1	B1017/32
	6.00	127	47	6	1	B1016.0
1/4	6.35	130	50	6	1	B1011/4
	6.50	130	50	6	1	B1016.5
	7.00	134	54	6	1	B1017.0
9/32	7.14	134	54	6	1	B1019/32
	7.50	134	54	6	1	B1017.5
5/16	7.94	138	58	6	1	B1015/16
	8.00	138	58	6	1	B1018.0
	8.50	138	58	6	1	B1018.5
11/32	8.73	142	62	6	1	B10111/32
	9.00	142	62	6	1	B1019.0
	9.50	142	62	6	1	B1019.5
3/8	9.53	146	66	6	1	B1013/8
	10.00	146	66	6	1	B10110.0
13/32	10.32	146	66	6	1	B10113/32
	10.50	146	66	6	1	B10110.5
	11.00	151	71	6	1	B10111.0
7/16	11.11	151	71	6	1	B1017/16
	11.50	151	71	6	1	B10111.5
15/32	11.91	156	76	6	1	B10115/32
	12.00	156	76	6	1	B10112.0
	12.50	156	76	6	1	B10112.5
1/2	12.70	156	76	6	1	B1011/2
	13.00	156	76	6	1	B10113.0
17/32	13.49	161	81	6	1	B10117/32
	13.50	161	81	6	1	B10113.5
	14.00	161	81	8	1	B10114.0
9/16	14.29	181	81	8	2	B1019/16
	14.50	181	81	8	2	B10114.5
	15.00	181	81	8	2	B10115.0
19/32	15.08	187	87	8	2	B10119/32
	15.50	187	87	8	2	B10115.5
5/8	15.88	187	87	8	2	B1015/8
	16.00	187	87	8	2	B10116.0
	16.50	187	87	8	2	B10116.5
	17.00	187	87	8	2	B10117.0

d_1 Ø Inch	d_1 Ø mm	l_1 mm	l_2 mm	z	MK	e-Code
11/16	17.46	193	93	8	2	B10111/16
	18.00	193	93	8	2	B10118.0
	19.00	193	93	8	2	B10119.0
3/4	19.05	200	100	8	2	B1013/4
	20.00	200	100	8	2	B10120.0
13/16	20.64	200	100	8	2	B10113/16
	21.00	200	100	8	2	B10121.0
	22.00	207	107	8	2	B10122.0
7/8	22.23	207	107	8	2	B1017/8
	23.00	207	107	8	2	B10123.0
15/16	23.81	242	115	8	3	B10115/16
	24.00	242	115	8	3	B10124.0
	25.00	242	115	10	3	B10125.0
1“	25.40	242	115	10	3	B1011
	26.00	242	115	10	3	B10126.0
1.1/16	26.99	251	124	10	3	B1011.1/16
	27.00	251	124	10	3	B10127.0
	28.00	251	124	10	3	B10128.0
1.1/8	28.58	251	124	10	3	B1011.1/8
	29.00	251	124	10	3	B10129.0
	30.00	251	124	10	3	B10130.0
1.3/16	30.16	260	133	10	3	B1011.3/16
	31.00	260	133	10	3	B10131.0
1.1/4	31.75	260	133	10	3	B1011.1/4
	32.00	293	133	10	4	B10132.0
	33.00	293	133	10	4	B10133.0
	34.00	302	142	10	4	B10134.0
1.3/8	34.93	302	142	10	4	B1011.3/8
	35.00	302	142	10	4	B10135.0
	36.00	302	142	10	4	B10136.0
	37.00	302	142	10	4	B10137.0
	38.00	312	152	10	4	B10138.0
1.1/2	38.10	312	152	10	4	B1011.1/2
	39.00	312	152	10	4	B10139.0
	40.00	312	152	10	4	B10140.0
	41.00	312	152	10	4	B10141.0
	42.00	312	152	10	4	B10142.0
	43.00	323	163	10	4	B10143.0
	44.00	323	163	10	4	B10144.0
1.3/4	44.45	323	163	10	4	B1011.3/4
	45.00	323	163	12	4	B10145.0
	46.00	323	163	12	4	B10146.0
	47.00	323	163	12	4	B10147.0
	48.00	334	174	12	4	B10148.0
	50.00	334	174	12	4	B10150.0
2“	50.80	334	174	12	4	B1012

B162

- Strojní výstružník, levotočivá šroubovice 45°
- Alezor de masina, canale stanga 45º
- Kúpos szárú gépi dörzsár 45°-os balos spirállal
- Машинная развертка с левосторонней спиралью 45°
- Rozwiertak Maszynowy Lewy kąt rowka wiórowego 45st.
- Strojno povrtalo, leva vijačnica 45°

B162

HSS-E | DIN 208 | C | H7

■ 1.1 1.2 1.3 1.4 2.1 4.1 5.1 7.1 7.2 7.3 7.4 8.1

● 1.5 1.6 2.2 2.3 3.1 4.2 4.3 5.2 5.3 6.1 6.2 9.1

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
8.0	156	33	90.5	3	1	**B1628.0**
10.0	168	38	102.5	3	1	**B16210.0**
12.0	182	44	116.5	3	1	**B16212.0**
13.0	182	44	116.5	3	1	**B16213.0**
14.0	189	47	123.5	3	1	**B16214.0**
16.0	210	52	130	3	2	**B16216.0**
17.0	214	54	134	3	2	**B16217.0**
18.0	219	56	139	3	2	**B16218.0**

d_1 Ø	l_1	l_2	l_3			
mm	mm	mm	mm	z	MK	e-Code
20.0	228	60	148	3	2	**B16220.0**
22.0	237	64	157	3	2	**B16222.0**
24.0	268	68	169	3	3	**B16224.0**
25.0	268	68	169	3	3	**B16225.0**
28.0	277	71	178	3	3	**B16228.0**
30.0	281	73	182	3	3	**B16230.0**
32.0	317	77	193	3	4	**B16232.0**

B121

- Výstružník s kuželovým náběhem - spirálový
- Alezor conic cu coada Morse
- Kúpos Szárú Szegecslyukdörzsár
- Коническая развертка со спиральным зубом и конусом Морзе
- Rozwiertak do otworów w konstrukcjach stalowych - Skretny
- Povrtalo strojno z MK držalom, konicno

B121

S náběhovým kuželem 1:10 (l3) / 1/10-es kúposság / Z 1:10 początkowa zbieżność (l3) / Cu con de atac 1:10 (l3) / Конусность1:10 по длине l3 / Začetni konus je 1:10

HSS | DIN 311 | k11

■ 1.1 1.2 1.3 1.4 3.1 4.1

● 1.5 1.6 3.2 3.3 3.4 7.2 8.2

d_1 Ø mm	l_1 mm	l_3 mm	l_2 mm	z	MK	e-Code
10.0	171	30	95	4	1	**B12110.0**
11.0	176	33	100	4	1	**B12111.0**
12.0	199	39	105	4	2	**B12112.0**
13.0	199	39	105	4	2	**B12113.0**
14.0	209	42	115	4	2	**B12114.0**
15.0	219	45	125	4	2	**B12115.0**
16.0	229	48	135	4	2	**B12116.0**
17.0	251	51	135	4	3	**B12117.0**
18.0	261	58	145	4	3	**B12118.0**
19.0	261	58	145	4	3	**B12119.0**

d_1 Ø mm	l_1 mm	l_3 mm	l_2 mm	z	MK	e-Code
20.0	271	62	155	4	3	**B12120.0**
21.0	271	62	155	4	3	**B12121.0**
22.0	281	66	165	4	3	**B12122.0**
23.0	281	66	165	4	3	**B12123.0**
24.0	296	72	180	4	3	**B12124.0**
25.0	296	72	180	4	3	**B12125.0**
26.0	296	72	180	4	3	**B12126.0**
30.0	311	78	195	5	3	**B12130.0**

B954

- Strojní výstružník pro kuželové kolíky, levotočivá šroubovice 45°
- Alezor de masina, pentru stifturi conice, canale stanga 45°
- Gépi, kúpdörzsár, 45°-os balos spirállal
- Машинная коническая развертка с левосторонней спиралью 45°
- Rozwiertak Maszynowy pod Kołki Stożkowe Lewy,kąt rowka wiórowego 45st.
- Stronjo konično povrtalo, leva vijačnica 45°, cilindrično vpetje

B954

■ 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 6.1 7.1 7.2 7.3 7.4 8.1

● 1.1 1.2 1.3 1.4 1.5 1.6 6.2 9.1

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	MK	e-Code
5.0	4.90	6.36	155	73	3	1	**B9545.0**
6.0	5.90	8.00	187	105	3	1	**B9546.0**
8.0	7.90	10.80	227	145	3	1	**B9548.0**
10.0	9.90	13.40	257	175	3	1	**B95410.0**
12.0	11.80	16.00	315	210	3	2	**B95412.0**
13.0	12.86	16.74	295	194	3	2	**B95413.0**

nom Ø	d_1 Ø mm	d_2 Ø mm	l_1 mm	l_2 mm	z	MK	e-Code
14.0	13.86	17.74	295	194	3	2	**B95414.0**
16.0	15.80	20.40	335	230	3	2	**B95416.0**
20.0	19.80	24.80	377	250	3	3	**B95420.0**
25.0	24.70	30.70	427	300	3	3	**B95425.0**
30.0	29.70	36.10	475	320	4	4	**B95430.0**

B955

- Nástrčný výstružník
- Alezor cu alezaj
- Feltűzhető Dörzsár
- Сменная головка для насадной развертки
- Rozwiertak nasadzany
- povrtalo nasadno

B955

d2=nominální průměr d1 B956 / d2 = B956 d1 nominális átmérője / d2=Średnica nominalna d1 rozwiertaka B956 / d2=Diametrul nominal d1 al B956 / d2=номинальному диаметру d1развертки B956 / d2=nominalni premer d1 od B956

HSS-E | ST | DIN 219 | B | H7

■ 1.1 1.2 1.3 1.4 2.1 4.1 5.1

● 1.5 1.6 2.2 2.3 3.1 4.2 4.3 5.2 5.3 6.1 6.2 7.1 7.2 7.3 7.4 8.2

d_1 Ø mm	l_1 mm	l_2 mm	z	d_2 Ø mm	e-Code
25.0	45	32	8	13	**B95525.0**
26.0	45	32	8	13	**B95526.0**
27.0	45	32	8	13	**B95527.0**
28.0	45	32	8	13	**B95528.0**
29.0	45	32	8	13	**B95529.0**
30.0	45	32	8	13	**B95530.0**
31.0	50	36	10	16	**B95531.0**
32.0	50	36	10	16	**B95532.0**
34.0	50	36	10	16	**B95534.0**
35.0	50	36	10	16	**B95535.0**
36.0	56	40	10	19	**B95536.0**
37.0	56	40	10	19	**B95537.0**
38.0	56	40	10	19	**B95538.0**
40.0	56	40	10	19	**B95540.0**

d_1 Ø mm	l_1 mm	l_2 mm	z	d_2 Ø mm	e-Code
42.0	56	40	10	19	**B95542.0**
44.0	63	45	12	22	**B95544.0**
45.0	63	45	12	22	**B95545.0**
48.0	63	45	12	22	**B95548.0**
50.0	63	45	12	22	**B95550.0**
52.0	71	50	12	27	**B95552.0**
55.0	71	50	12	27	**B95555.0**
58.0	71	50	12	27	**B95558.0**
60.0	71	50	12	27	**B95560.0**
65.0	80	56	14	32	**B95565.0**
70.0	80	56	14	32	**B95570.0**
75.0	90	63	14	40	**B95575.0**
80.0	90	63	14	40	**B95580.0**

B956

- Trn pro nástrčný výstružník
- Ax alezor
- Feltűzhető Dörzsár Tengely
- Хвостовик насадной развертки
- Oprawka pod frez nasadzany
- povrtalo nasadno nastavljivo

B956

HSS-E | DIN 217

d_1 Ø	l_1	l_2	l_3		
mm	**mm**	**mm**	**mm**	**MK**	**e-Code**
13.0	250	45	151	3	**B95613.0**
16.0	261	50	162	3	**B95616.0**
19.0	298	56	174	4	**B95619.0**
22.0	312	63	188	4	**B95622.0**

d_1 Ø	l_1	l_2	l_3		
mm	**mm**	**mm**	**mm**	**MK**	**e-Code**
27.0	359	71	203	5	**B95627.0**
32.0	376	80	220	5	**B95632.0**
40.0	396	90	240	5	**B95640.0**

B957

- Trn pro nástrčný výstružník - náhradní díly (B956)
- Ax alezor - Piese schimb (B956)
- Feltűzhető Dörzsár Tengely - Pótalk-atrész
- Оправка для насадной развертки
- Oprawka pod frez nasadzany - Czesci zamienne dla (B956)
- povrtalo nasadno nastavljivo - rezervni del

B957

Nr.	d	e-Code
3	13.00	B957N3DRIVER
3		B957N3NUT
3		B957N3WASHER
4	16.00	B957N4DRIVER
4		B957N4NUT
4		B957N4WASHER
5	19.00	B957N5DRIVER
5		B957N5NUT
5		B957N5WASHER
6	22.00	B957N6DRIVER
6		B957N6NUT
6		B957N6WASHER

Nr.	d	e-Code
7	27.00	B957N7DRIVER
7		B957N7NUT
7		B957N7WASHER
8	32.00	B957N8DRIVER
8		B957N8NUT
8		B957N8WASHER
9	40.00	B957N9DRIVER
9		B957N9NUT
9		B957N9WASHER

G135 / G335

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G135

HSS | DIN 334 C | 60°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.3	1.6	45	5	3	**G1356.3**
8.0	2.0	50	6	3	**G1358.0**
10.0	2.5	50	6	3	**G13510.0**
12.5	3.2	56	8	3	**G13512.5**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.0	4.0	63	10	3	**G13516.0**
20.0	5.0	67	10	3	**G13520.0**
25.0	6.3	71	10	3	**G13525.0**

G335

HSS | TiN | DIN 334 C | 60°

■ 1.1 1.2 1.3 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

● 1.4 1.5 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.3	1.6	45	5	3	**G3356.3**
8.0	2.0	50	6	3	**G3358.0**
10.0	2.5	50	6	3	**G33510.0**
12.5	3.2	56	8	3	**G33512.5**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.0	4.0	63	10	3	**G33516.0**
20.0	5.0	67	10	3	**G33520.0**
25.0	6.3	71	10	3	**G33525.0**

G131

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G131

HSS | DIN 334 A | 60°

■ 1.3 1.4 1.5 1.6 3.4 4.2 4.3 5.2 5.3 6.4

● 2.3 8.3

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
8.0	-	50	8	5	**G1318.0**
12.5	2.0	50	8	5	**G13112.5**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.0	3.2	60	10	7	**G13116.0**
20.0	5.0	63	10	7	**G13120.0**

G137

- Hvězdička
- Kúpos szárú kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G137

HSS | DIN 334 D | 60°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

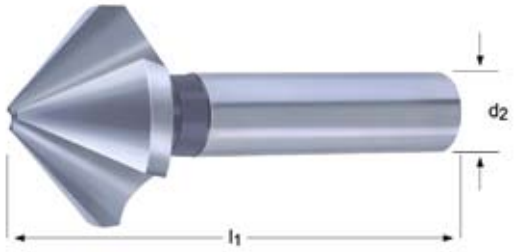
● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	MK	z	e-Code
16.0	4.0	90	1	3	**G13716.0**
20.0	5.0	106	2	3	**G13720.0**
25.0	6.3	112	2	3	**G13725.0**
31.5	10.0	118	2	3	**G13731.5**

max d mm	min d	l_1 mm	MK	z	e-Code
40.0	12.5	150	3	3	**G13740.0**
50.0	16.0	160	3	3	**G13750.0**
63.0	20.0	190	4	3	**G13763.0**
80.0	25.0	200	4	3	**G13780.0**

G154

- Hvězdička
- Zencuitoare
- Kúpsüllyesztő
- Зенковка
- Poglebiacz
- grezilo



G154

HSS | DIN 335 C | 82°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.3	1.5	45	5	3	**G1546.3**
8.3	2.0	50	6	3	**G1548.3**
10.4	2.5	50	6	3	**G15410.4**
12.4	2.8	56	8	3	**G15412.4**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.5	3.2	60	10	3	**G15416.5**
20.5	3.5	63	10	3	**G15420.5**
25.0	3.8	67	10	3	**G15425.0**

G155

- Hvězdička
- Kúpos szárú kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G155

HSS | DIN 335 D | 82°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	MK	z	e-Code
16.5	3.2	85	1	3	**G15516.5**
20.5	3.5	100	2	3	**G15520.5**
25.0	3.8	106	2	3	**G15525.0**
31.0	4.2	112	2	3	**G15531.0**

max d mm	min d	l_1 mm	MK	z	e-Code
40.0	10.0	140	3	3	**G15540.0**
50.0	14.0	150	3	3	**G15550.0**
63.0	16.0	180	4	3	**G15563.0**
80.0	22.0	190	4	3	**G15580.0**

G129

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G129

HSS | D | 90°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2

● 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.3 5.3 6.4 7.3 7.4 8.1 8.2

max d mm	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.00	45	6	1	**G1296.0**
8.00	50	8	1	**G1298.0**
10.00	49	8	1	**G12910.0**
12.50	49	8	1	**G12912.5**

max d mm	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.00	56	10	1	**G12916.0**
20.00	60	10	1	**G12920.0**
25.00	75	12	1	**G12925.0**
31.50	80	12	1	**G12931.5**

G149 / G349

- Hvězdička
- Sorjátlanító kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G149

HSS-E | D | 90°

■ 1.1 1.2 1.3 1.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2

● 1.5 1.6 2.1 2.2 3.1 3.2 3.3 3.4 4.3 5.3 6.4 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Ø mm	d_1 Ø mm	z	e-Code
5	2	45	6	10	1	**G1495**
10	5	48	8	14	1	**G14910**
15	10	65	10	21	1	**G14915**
20	15	84	12	28	1	**G14920**
25	20	102	15	35	1	**G14925**
30	25	115	15	44	1	**G14930**

max d mm	min d	l_1 mm	d_2 Ø mm	d_1 Ø mm	z	e-Code
35	30	127	15	48	1	**G14935**
40	35	136	15	53	1	**G14940**
50	40	166	20	60	1	**G14950**

G349

HSS-E | TiN | D | 90°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

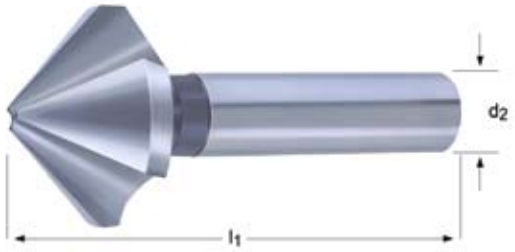
● 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Ø mm	d_1 Ø mm	z	e-Code
5	2	45	6	10	1	**G3495**
10	5	48	8	14	1	**G34910**

max d mm	min d	l_1 mm	d_2 Ø mm	d_1 Ø mm	z	e-Code
15	10	65	10	21	1	**G34915**
20	15	84	12	28	1	**G34920**

G142

- Záhlubník s extra radiálním podbrusem
- Zencuitor cu cu unghi asezare marit
- Süllyesztő extra radiális hátszöggel
- Зенковка с дополнительной затыловкой
- Pogłębiacz stożkowy z dodatkowym promieniowym kątem przyłożenia
- Grezilo



G142

HSS | DIN 335 C | 90°

■ 1.1 1.2 2.1 2.2 2.3 4.1 5.1 6.1 6.2 7.1 7.2 8.1 8.2

● 1.3 1.4 4.2 5.2 6.3 7.3 7.4

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
4.8	1.3	40	4	3	**G1424.8**
5.0	1.5	40	4	3	**G1425.0**
6.0	1.5	45	4	3	**G1426.0**
6.3	1.5	45	5	3	**G1426.3**
7.0	1.8	50	6	3	**G1427.0**
7.3	1.8	50	6	3	**G1427.3**
8.0	2.0	50	6	3	**G1428.0**
8.3	2.0	50	6	3	**G1428.3**
10.0	2.5	50	6	3	**G14210.0**
10.4	2.5	50	6	3	**G14210.4**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
11.5	2.8	56	8	3	**G14211.5**
12.4	2.8	56	8	3	**G14212.4**
15.0	3.2	60	10	3	**G14215.0**
16.5	3.2	60	10	3	**G14216.5**
19.0	3.5	63	10	3	**G14219.0**
20.5	3.5	63	10	3	**G14220.5**
23.0	3.8	67	10	3	**G14223.0**
25.0	3.8	67	10	3	**G14225.0**
31.0	4.2	71	12	3	**G14231.0**

G136

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G139 246
G236 246

G136

HSS | DIN 335 C | 90°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

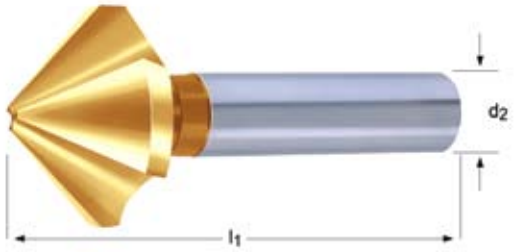
● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
4.3	1.3	40	4	3	**G1364.3**
5.0	1.5	40	4	3	**G1365.0**
5.3	1.5	40	4	3	**G1365.3**
5.8	1.5	45	5	3	**G1365.8**
6.0	1.5	45	5	3	**G1366.0**
6.3	1.5	45	5	3	**G1366.3**
7.0	1.8	50	6	3	**G1367.0**
7.3	1.8	50	6	3	**G1367.3**
8.0	2.0	50	6	3	**G1368.0**
8.3	2.0	50	6	3	**G1368.3**
9.4	2.2	50	6	3	**G1369.4**
10.0	2.5	50	6	3	**G13610.0**
10.4	2.5	50	6	3	**G13610.4**
11.5	2.8	56	8	3	**G13611.5**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
12.4	2.8	56	8	3	**G13612.4**
13.4	2.9	56	8	3	**G13613.4**
15.0	3.2	60	10	3	**G13615.0**
16.5	3.2	60	10	3	**G13616.5**
19.0	3.5	63	10	3	**G13619.0**
20.5	3.5	63	10	3	**G13620.5**
23.0	3.8	67	10	3	**G13623.0**
25.0	3.8	67	10	3	**G13625.0**
26.0	3.8	67	10	3	**G13626.0**
28.0	4.0	71	12	3	**G13628.0**
30.0	4.2	71	12	3	**G13630.0**
31.0	4.2	71	12	3	**G13631.0**

G336 / G560

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo



G336

HSS | TiN | DIN 335 C | 90°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

● 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh9 mm	z	e-Code
5.0	1.5	40	4	3	**G3365.0**
6.0	1.5	45	5	3	**G3366.0**
6.3	1.5	45	5	3	**G3366.3**
7.0	1.8	50	6	3	**G3367.0**
7.3	1.8	50	6	3	**G3367.3**
8.0	2.0	50	6	3	**G3368.0**
8.3	2.0	50	6	3	**G3368.3**
10.0	2.5	50	6	3	**G33610.0**
10.4	2.5	50	6	3	**G33610.4**
11.5	2.8	56	8	3	**G33611.5**

max d mm	min d	l_1 mm	d_2 Øh9 mm	z	e-Code
12.4	2.8	56	8	3	**G33612.4**
15.0	3.2	60	10	3	**G33615.0**
16.5	3.2	60	10	3	**G33616.5**
19.0	3.5	63	10	3	**G33619.0**
20.5	3.5	63	10	3	**G33620.5**
23.0	3.8	67	10	3	**G33623.0**
25.0	3.8	67	10	3	**G33625.0**
31.0	4.2	71	12	3	**G33631.0**

G237 247

G560

HSS | TiAlN | DIN 335 C | 90°

■ 1.1 1.2 1.3 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

● 1.4 1.5 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh9 mm	z	e-Code
6.3	1.5	45	5	3	**G5606.3**
8.0	2.0	50	6	3	**G5608.0**
8.3	2.0	50	6	3	**G5608.3**
10.0	2.5	50	6	3	**G56010.0**
10.4	2.5	50	6	3	**G56010.4**
12.4	2.8	56	8	3	**G56012.4**

max d mm	min d	l_1 mm	d_2 Øh9 mm	z	e-Code
16.5	3.2	60	10	3	**G56016.5**
20.5	3.5	63	10	3	**G56020.5**
25.0	3.8	67	10	3	**G56025.0**
31.0	4.2	71	12	3	**G56031.0**

G139 / G236

- Hvězdička, sada
- Kúpsüllyesztő készlet
- Komplet poglebiaczy
- Set zencuitoare
- Набор зенковок
- grezilo, garnituri

G139

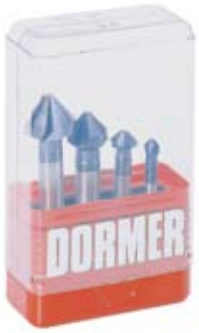
Nr.	A	e-Code
70	G136 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5	**G13970**
71	G136 6.0 - 8.0 - 10.0 - 11.5 - 15.0 - 19.0	**G13971**
72	G136 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 - 25.0	**G13972**

G236

Nr.	A	e-Code
1	G136 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5	**G2361**
2	G136 6.3 - 10.4 - 16.5 - 20.5	**G2362**

G237

- Hvězdička, sada
- Set zencuitoare
- Kúpsüllyesztő készlet
- Набор зенковок
- Komplet poglebiaczy
- grezilo, garnitura



G237

HSS | TiAlN | DIN 335 C | 90°

Nr.	A		e-Code
10	G560	6.3 - 10.4 - 16.5 - 20.5	**G23710**

G132

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G132

HSS | DIN 335 A | 90°

■ 1.5 1.6 3.4 4.2 4.3 5.2 5.3 6.4

● 1.3 1.4 2.3 8.3

max d mm	min d	l_1 mm	d_2 Øh9 mm	z	e-Code
8.0	-	48	8	5	**G1328.0**
12.5	2.0	48	8	5	**G13212.5**
16.0	3.2	56	10	7	**G13216.0**
20.0	5.0	60	10	7	**G13220.0**

G138 / G338

- Hvězdička
- Kúpos szárú kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo

G138

HSS | DIN 335 D | 90°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	MK	z	e-Code
15.0	3.2	85	1	3	**G13815.0**
16.5	3.2	85	1	3	**G13816.5**
19.0	3.5	100	2	3	**G13819.0**
20.5	3.5	100	2	3	**G13820.5**
23.0	3.8	106	2	3	**G13823.0**
25.0	3.8	106	2	3	**G13825.0**
26.0	3.8	106	2	3	**G13826.0**
28.0	4.0	112	2	3	**G13828.0**

max d mm	min d	l_1 mm	MK	z	e-Code
30.0	4.2	112	2	3	**G13830.0**
31.0	4.2	112	2	3	**G13831.0**
34.0	4.5	118	2	3	**G13834.0**
37.0	4.8	118	2	3	**G13837.0**
40.0	10.0	140	3	3	**G13840.0**
50.0	14.0	150	3	3	**G13850.0**
63.0	16.0	180	4	3	**G13863.0**
80.0	22.0	190	4	3	**G13880.0**

G338

HSS | TiN | DIN 335 D | 90°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

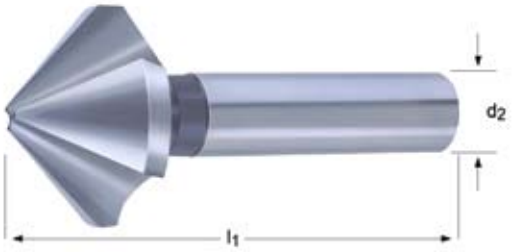
● 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	MK	z	e-Code
25.0	3.8	106	2	3	**G33825.0**
31.0	4.2	112	2	3	**G33831.0**
37.0	4.8	118	2	3	**G33837.0**
40.0	10.0	140	3	3	**G33840.0**

max d mm	min d	l_1 mm	MK	z	e-Code
50.0	14.0	150	3	3	**G33850.0**
63.0	16.0	180	4	3	**G33863.0**

G170 / G171

- Hvězdička
- Kúpsüllyesztő
- Poglebiacz
- Zencuitoare
- Зенковка
- grezilo



G170

HSS | DIN 335 C | 100°

■ 1.1 1.2 1.3 1.4 1.5 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.1 7.2 7.3 7.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.3	1.5	44.0	5.0	3	**G1706.3**
8.3	2.0	49.0	6.0	3	**G1708.3**
10.4	2.5	49.0	6.0	3	**G17010.4**
12.4	2.8	53.0	6.0	3	**G17012.4**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.5	3.2	56.0	6.0	3	**G17016.5**
20.5	3.5	61.0	10.0	3	**G17020.5**
25.0	3.8	65.0	10.0	3	**G17025.0**

G171

HSS | TiAlN | DIN 335 C | 100°

■ 1.1 1.2 1.3 3.1 3.2 3.3 3.4 7.1 7.2 7.3 7.4

● 1.4 1.5 1.6 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.1 8.2

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
6.3	1.5	44.0	5.0	3	**G1716.3**
8.3	2.0	49.0	6.0	3	**G1718.3**
10.4	2.5	49.0	6.0	3	**G17110.4**
12.4	2.8	53.0	6.0	3	**G17112.4**

max d mm	min d	l_1 mm	d_2 Øh$_9$ mm	z	e-Code
16.5	3.2	56.0	6.0	3	**G17116.5**
20.5	3.5	61.0	10.0	3	**G17120.5**
25.0	3.8	65.0	10.0	3	**G17125.0**

M138

- Kuželové vrtáky
- Burghiu conic
- Lépcsős Lemezfúró
- Конические ступенчатые сверла для листового металла
- Wiertla stozkowe
- sveder za pločevino, stopničast

M138

HSS | ST | D | 20°

■ 1.1 1.2 1.3 1.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.1 7.2 8.1 8.2

● 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.3 7.4

Nr.	max d mm	min d	l_2 mm	l_1 mm	d_2 h11 mm	e-Code
1	14	3	36	58	6	**M1381**
2	20	8	40	62	8	**M1382**
3	30	16	48	70	10	**M1383**
4	40	26	51	76	10	**M1384**

Nr.	max d mm	min d	l_2 mm	l_1 mm	d_2 h11 mm	e-Code
5	50	36	54	79	10	**M1385**
6	60	46	57	82	13	**M1386**

G314

- Kuželové vrtáky
- Burghiu conic
- Lépcsős Lemezfúró
- Конические ступенчатые сверла для листового металла
- Wiertla stozkowe
- sveder za pločevino, stopničast

G314

■ 1.1 1.2 1.3 1.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.1 7.2 8.1 8.2

● 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.4 7.3 7.4

Nr.	d min-max mm	l_3 mm	l_1 mm	d_3 Ø mm	e-Code
412	4.0 mm ÷ 12.0 mm x 1.0 mm	5.0	80	6.0	**G314412**
1220	12.0 mm ÷ 20.0 mm x 1.0 mm	4.0	76	9.0	**G3141220**
2030	20.0 mm ÷ 30.0 mm x 1.0 mm	4.0	88	12.0	**G3142030**
3040	30.0 mm ÷ 40.0 mm x 1.0 mm	4.0	98	13.0	**G3143040**
420	4.0 mm ÷ 20.0 mm x 2.0 mm	4.0	76	8.0	**G314420**
630	6.0 mm ÷ 30.0 mm x 2.0 mm	4.0	98	10.0	**G314630**
M	9.0 mm ÷ 36.0 mm x 3.0 mm	3.0	86	12.0	**G314M**

G125

- M.T.S. záhlubník
- Lamatoare
- M.T.S. Csapos süllyesztő
- Зенкер с направляющей
- Poglebiacze M.T.S.
- grezilo za imbus vijake

G125

HSS | DIN 373 | 180°

■ 1.1 1.2 1.3 2.1 3.1 3.2 7.1 7.2 8.1

● 1.4 1.5 1.6 2.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.3 7.4 8.2

d_1 $Øz_9$ mm	d_3 $Øe_8$ mm	M	l_1 mm	l_2 mm	d_2 $Øh_9$ mm	z	e-Code	
6.50	2.50	M 3 t	71	14	5.0	3	**G1256.5X2.5**	1)
6.50	3.20	M 3 f	71	14	5.0	3	**G1256.5X3.2**	2)
6.50	3.40	M 3 m	71	14	5.0	3	**G1256.5X3.4**	3)
8.00	3.30	M 4 t	71	14	5.0	3	**G1258.0X3.3**	1)
8.00	4.30	M 4 f	71	14	5.0	3	**G1258.0X4.3**	2)
8.00	4.50	M 4 m	71	14	5.0	3	**G1258.0X4.5**	3)
10.00	4.20	M 5 t	80	18	8.0	3	**G12510.0X4.2**	1)
10.00	5.30	M 5 f	80	18	8.0	3	**G12510.0X5.3**	2)
10.00	5.50	M 5 m	80	18	8.0	3	**G12510.0X5.5**	3)
11.00	5.00	M 6 t	80	18	8.0	3	**G12511.0X5.0**	1)
11.00	6.40	M 6 f	80	18	8.0	3	**G12511.0X6.4**	2)
11.00	6.60	M 6 m	80	18	8.0	3	**G12511.0X6.6**	3)
15.00	6.80	M 8 t	100	22	12.5	3	**G12515.0X6.8**	1)
15.00	8.40	M 8 f	100	22	12.5	3	**G12515.0X8.4**	2)
15.00	9.00	M 8 m	100	22	12.5	3	**G12515.0X9.0**	3)
18.00	8.50	M 10 t	100	22	12.5	3	**G12518.0X8.5**	1)
18.00	10.50	M 10 f	100	22	12.5	3	**G12518.0X10.5**	2)
18.00	11.00	M 10 m	100	22	12.5	3	**G12518.0X11.0**	3)
20.00	10.20	M 12 t	100	22	12.5	3	**G12520.0X10.2**	1)
20.00	13.00	M 12 f	100	22	12.5	3	**G12520.0X13.0**	2)
20.00	13.50	M 12 m	100	22	12.5	3	**G12520.0X13.5**	3)

[1] t = díra pro závit / t = menetes furathoz / t = otwór pod gwintownik / t = pentru gaura ce se fileteaza / t = для отверстия под резьбу / t = za luknjo za navojni sveder

[2] f = pro průchozí díry, jemné / f = átmenő furathoz - finom / f = dla otworów przelotowych dokładnych / f = pentru treceri precise de suruburi / f = для сквозного отверстия (точный) / f = za skoznjo luknjo (fine)

[3] m= pro průchozí díry, střední / m = átmenő furathoz - közepes / m= dla otworów przelotowych średnio dokładnych / m = pentru treceri precizii medii de suruburi / m = для сквозного отверстия (средний) / m = za skoznjo luknjo (medium)

G126

- M.T.S. záhlubník
- M.T.S. Csapos süllyesztő
- Poglebiacze M.T.S.
- Lamatoare
- Зенкер с направляющей
- grezilo

G126

HSS | ST | DIN 375 | 180°

■ 1.1 1.2 1.3 2.1 3.1 3.2 7.1 7.2 8.1

● 1.4 1.5 1.6 2.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.3 7.4 8.2

d_1 $Øz_9$ mm	l_1 mm	l_2 mm	d_2 $Øh_8$ mm	MK	z	e-Code
15.00	132	22	4	2	3	**G12615.0**
18.00	140	25	5	2	3	**G12618.0**
20.00	140	25	5	2	3	**G12620.0**
24.00	150	30	6	2	3	**G12624.0**
26.00	180	35	8	3	3	**G12626.0**
30.00	180	35	8	3	3	**G12630.0**

d_1 $Øz_9$ mm	l_1 mm	l_2 mm	d_2 $Øh_8$ mm	MK	z	e-Code
33.00	190	40	10	3	3	**G12633.0**
36.00	190	40	10	3	3	**G12636.0**
40.00	190	40	10	3	3	**G12640.0**
43.00	236	50	12	4	4	**G12643.0**
46.00	236	50	12	4	4	**G12646.0**

G127

- Vodicí čep (G126)
- Cserélhető csap a G126-hoz
- Wymienny pilot (G126)
- Cep detasabil (G126)
- Сменная направляющая для зенкера (G126)
- grezilo (G126)

G127

HSS | DIN 1868

d_1 Ø mm	d_2 Øf$_7$ mm	M	e-Code	
6.80	4	M 8 t	**G1276.8X4.0**	1)
8.40	4	M 8 f	**G1278.4X4.0**	2)
9.00	4	M 8 m	**G1279.0X4.0**	3)
6.80	5	M 8 t	**G1276.8X5.0**	1)
8.40	5	M 8 f	**G1278.4X5.0**	2)
8.50	5	M 10 t	**G1278.5X5.0**	1)
9.00	5	M 8 m	**G1279.0X5.0**	3)
10.20	5	M 12 t	**G12710.2X5.0**	1)
10.50	5	M 10 f	**G12710.5X5.0**	2)
11.00	5	M 10 m	**G12711.0X5.0**	3)
13.00	5	M 12 f	**G12713.0X5.0**	2)
13.50	5	M 12 m	**G12713.5X5.0**	3)
8.50	6	M 10 t	**G1278.5X6.0**	1)
10.20	6	M 12 t	**G12710.2X6.0**	1)
10.50	6	M 10 f	**G12710.5X6.0**	2)
11.00	6	M 10 m	**G12711.0X6.0**	3)
12.00	6	M 14 t	**G12712.0X6.0**	1)
13.00	6	M 12 f	**G12713.0X6.0**	2)
13.50	6	M 12 m	**G12713.5X6.0**	3)
15.00	6	M 14 f	**G12715.0X6.0**	2)
15.50	8	M 18 t	**G12715.5X6.0**	1)
10.20	8	M 12 t	**G12710.2X8.0**	1)
12.00	8	M 14 t	**G12712.0X8.0**	1)
13.00	8	M 12 f	**G12713.0X8.0**	2)
13.50	8	M 12 m	**G12713.5X8.0**	3)
14.00	8	M 16 t	**G12714.0X8.0**	1)
15.00	8	M 14 f	**G12715.0X8.0**	2)
15.50	8	M 14 m	**G12715.5X8.0**	3)

d_1 Ø mm	d_2 Øf$_7$ mm	M	e-Code	
17.00	8	M 16 f	**G12717.0X8.0**	2)
17.50	10	M 20 t	**G12717.5X8.0**	1)
19.00	8	M 18 f	**G12719.0X8.0**	2)
20.00	8	M 18 m	**G12720.0X8.0**	3)
14.00	10	M 16 t	**G12714.0X10.0**	1)
15.50	10	M 18 t	**G12715.5X10.0**	1)
17.00	10	M 16 f	**G12717.0X10.0**	2)
17.50	10	M 16 m	**G12717.5X10.0**	3)
19.00	10	M 18 f	**G12719.0X10.0**	2)
19.50	10	M 22 t	**G12719.5X10.0**	1)
20.00	10	M 18 m	**G12720.0X10.0**	3)
21.00	10	M 24 t	**G12721.0X10.0**	1)
22.00	10	M 20 m	**G12722.0X10.0**	3)
23.00	10	M 22 f	**G12723.0X10.0**	2)
24.00	16	M 27 t	**G12724.0X10.0**	1)
25.00	10	M 24 f	**G12725.0X10.0**	2)
26.00	10	M 24 m	**G12726.0X10.0**	3)
19.50	12	M 22 t	**G12719.5X12.0**	1)
21.00	12	M 24 t	**G12721.0X12.0**	1)
23.00	12	M 22 f	**G12723.0X12.0**	2)
24.00	12	M 27 t	**G12724.0X12.0**	1)
25.00	12	M 24 f	**G12725.0X12.0**	2)
26.00	12	M 24 m	**G12726.0X12.0**	3)
26.50	12	M 30 t	**G12726.5X12.0**	1)
30.00	12	M 27 m	**G12730.0X12.0**	3)
33.00	12	M 30 m	**G12733.0X12.0**	3)

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2) f = pro průchozí díry, jemné / f = átmenő furathoz - finom / f = dla otworów przelotowych dokładnych / f = pentru treceri precise de suruburi / f = для сквозного отверстия (точный) / f = za skoznjo luknjo (fine)

3) m= pro průchozí díry, střední / m = átmenő furathoz - közepes / m= dla otworów przelotowych średnio dokładnych / m = pentru treceri precizii medii de suruburi / m = для сквозного отверстия (средний) / m = za skoznjo luknjo (medium)

257 - 484

257 - 484

	T100	T101	T110	T105	T106	T115	T116	T120
	M	M	M	M	M	M	M	MF
								
	HM	HM	HM	HM	HM	HM	HM	HM
	TiAlN	TiAlN Top	TiAlN			TiCN	TiCN	TiAlN Top
	DIN 371	DIN 371c10 376b12	DIN 371	DIN 371c10 376b12	DIN 371c10 376b12	DIN 2174	DIN 2174	DIN 374
	6H	6HX	6HX	6H	6H	6HX	6HX	6HX
	2xD	2.5xD	2xD	2xD	3xD	3xD	3xD	2.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3
	M3 - M12	M5 - M16	M3 - M12	M3 - M12	M5 - M12	M3 - M10	M5 - M12	M8 - M14
		NEW 2007.09		NEW 2007.09	NEW 2007.09	NEW 2007.09	NEW 2007.09	NEW 2007.09
	262	**263**	**264**	**265**	**266**	**267**	**268**	**269**
1.1						■60	■60	
1.2						■60	■60	
1.3						■60	■60	
1.4						■40	■40	
1.5						■30	■30	
1.6								
1.7	■6		●6					
1.8	●4		■4					
2.1						■25	■25	
2.2						■25	■25	
2.3						■25	■25	
2.4						●25	●25	
3.1	●60	■60		●40	●40			■60
3.2	●30	■25		●15	●15			■25
3.3		●38		■25	■25			●38
3.4		●33		■15	■15			●33
4.1								
4.2								
4.3								
5.1						■35	■35	
5.2						●15	●15	
5.3								
6.1						●40	●40	
6.2								
6.3						●81	●81	
6.4	●7	●10						●10
7.1						■70	■70	
7.2						■80	■80	
7.3		●50		■35	■35	■80	■80	●50
7.4	●60	■40		■30	■30			■40
8.1								
8.2	●50	●25		●25	●25			●25
8.3	●30	●15		●15	●15			●15
9.1								
10.1	●25	■25						■25

DORMER

	J100	J105	J110	J115	J101	J500	J120	J125	J135	J145	J160	J170	J180
	M	M	M	M	M	M/MF	MF	MF	UNC	UNF	NPT	NPTF	G
													
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiAlN Top	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiAlN X
	D	D	D	D	D	D	D	D	D	D	D	D	D
	2xD	2xD	2xD	2xD	1.5xD	2xD	1.5xD	1.5xD	2xD	2xD			1.5xD
													
													
	4.0 - 16.0	8.0 - 16.0	6.0 - 16.0	6.0 - 16.0	6.0 - 16.0	5.0 - 16.0	6.0 - 24.0	10.0 - 24.0	1/4 - 3/4	1/4 - 3/4	1/8 - 1“	1/8 - 1“	1/8 - 1“
	270	**271**	**272**	**273**	**274**	**275**	**276**	**277**	**278**	**279**	**280**	**282**	**282**
1.1	■170B	■170B	■175B	■175B			■170B	■170B	■170B	■170B	■170B	■170B	■170B
1.2	■170B	■170B	■175B	■175B			■170B	■170B	■170B	■170B	■170B	■170B	■170B
1.3	■140B	■140B	■145B	■145B			■140B	■140B	■140B	■140B	■140B	■140B	■140B
1.4	■130B	■130B	■135B	■135B			■130B	■130B	■130B	■130B	■130B	■130B	■130B
1.5	■100B	■100B	■105B	■105B			■100B	■100B	■100B	■100B	■100B	■100B	■100B
1.6	■80B	■80B	■85B	■85B			■80B	■80B	■80B	■80B	■80B	■80B	■80B
1.7	●50A	●50A	●50A	●50A	■50A		●50A	●50A	●50A	●50A	●50A	●50A	●50A
1.8	●30A	●30A	●30A	●30A	■30A		●30A	●30A	●30A	●30A	●30A	●30A	●30A
2.1	●50A	■50A	●50A	●50A			●50A	■50A	■50A	■50A	●50A	●50A	●50A
2.2	●40A	■40A	●40A	●40A			●40A	■40A	■40A	■40A	●40A	●40A	●40A
2.3	●30A	■30A	●30A	●30A			●30A	■30A	■30A	■30A	●30A	●30A	●30A
2.4													
3.1	■150B	■150B	■155B	■155B			■150B	■150B	■150B	■150B	■150B	■150B	■150B
3.2	■130B	■130B	■135B	■135B			■130B	■130B	■130B	■130B	■130B	■130B	■130B
3.3	■150B	■150B	■155B	■155B			■150B	■150B	■150B	■150B	■150B	■150B	■150B
3.4	■120B	■120B	■125B	■125B			■120B	■120B	■120B	■120B	■120B	■120B	■120B
4.1	■170B	■170B	■175B	■175B			■170B	■170B	■170B	■170B	■170B	■170B	■170B
4.2	■80B	■80B	■80B	■80B			■80B	■80B	■80B	■80B	■80B	■80B	■80B
4.3	■50B	■50B	■50B	■50B			■50B	■50B	■50B	■50B	■50B	■50B	■50B
5.1	●250B	■250B	●250B	●255B			●250B	■250B	■250B	■250B	●250B	●250B	●250B
5.2	●40A	■40A	●40A	●40A			●40A	■40A	■40A	■40A	●40A	●40A	●40A
5.3	●25A	●25A	●25A	●25A	●25A		●25A	■25A	●25A	●25A	●25A	●25A	●25A
6.1	■400B	■400B	■405B	■405B		●200H	■400B	■400B	■400B	■400B	■400B	■400B	■400B
6.2	■400B	■400B	■405B	■405B			■400B	■400B	■400B	■400B	■400B	■400B	■400B
6.3	■400B	■400B	■405B	■405B			■400B	■400B	■400B	■400B	■400B	■400B	■400B
6.4	■60A	■60A	■60A	■60A			■60A	■60A	■60A	■60A	■60A	■60A	■60A
7.1	■800C	■800C	■805C	■805C		■270H	■800C	■800C	■800C	■800C	■800C	■800C	■800C
7.2	■800C	■800C	■805C	■805C		■270H	■800C	■800C	■800C	■800C	■800C	■800C	■800C
7.3	■700C	■700C	■705C	■705C		■240H	■700C	■700C	■700C	■700C	■700C	■700C	■700C
7.4	■340B	■340B	■345B	■345B	■340B	■240H	■340B	■340B	■340B	■340B	■340B	■340B	■340B
8.1	■340C	■340C	■345C	■345C			■340C	■340C	■340C	■340C	■340C	■340C	■340C
8.2	■210C	■210C	■215C	■215C	■210C		■210C	■210C	■210C	■210C	■210C	■210C	■210C
8.3	■180C	■180C	■185C	■185C	■180C		■180C	■180C	■180C	■180C	■180C	■180C	■180C
9.1													
10.1	●200C	●200C	●210C	●205C	■200C		●200C	●200C	●200C	●200C	●200C	●200C	●200C

M

Ø	A ap= 1 x d_1	A ap= 2 x d_1	B ap= 1 x d_1	B ap= 2 x d_1	C ap= 1 x d_1	C ap= 2 x d_1
3,2	0,010	0,005	0,011	0,006	0,017	0,012
4,1	0,009	0.007	0,012	0,008	0,014	0,011
4,8	0,012	0,009	0,015	0,010	0,017	0,014
6,5	0,017	0,014	0,027	0,017	0,030	0,025
8,2	0,021	0,018	0,034	0,029	0,040	0,033
9,9	0,024	0,020	0,039	0,024	0,048	0,032
11,6	0,031	0,025	0,050	0,031	0,059	0,035
13,6	0,039	0,032	0,062	0,051	0,071	0,048
16	0.061	0,033	0,064	0,036	0,066	0,033
19	0,085	0,044	0,089	0,048	0,095	0,044

ap =

d_1 =

MF

d_1	P	A ap= 3/4 x d_1	A ap= 1,5 x d_1	B ap= 3/4 x d_1	B ap= 1,5 x d_1	C ap= 3/4 x d_1	C ap= 1,5 x d_1
4,8	0,5	0,017	0,014	0,022	0,018	0,025	0,021
6	0,75	0,023	0,018	0,033	0,027	0,037	0,030
6	1	0,020	0,016	0,029	0,023	0,032	0,026
8	1	0,025	0,020	0,041	0,033	0,045	0,037
10	1	0,034	0,028	0,055	0,045	0,069	0,056
10	1,5	0,028	0,023	0,045	0,037	0,056	0,046
12	1	0,048	0,039	0,077	0,065	0,077	0,075
12	1,5	0,040	0,032	0,065	0,053	0.076	0.062
14	1	0,060	0,049	0,084	0,079	0,084	0,084
14	1,5	0,049	0,040	0,079	0,064	0,084	0,074
16	2	0,050	0,041	0,082	0,066	0,089	0,077
20	2	0,067	0,055	0,100	0,093	0,100	0,100

M
MF
J500

Ø	H ap= 1 x d_1	H ap= 2 x d_1
4,1	0,035	0,031
4,8	0,035	0,032
6,5	0,045	0,040
8,2	0,056	0,045
9,9	0,067	0,062
13,6	0,170	0,157

UNC

d_1	P	A ap= 1 x d_1	A ap= 2 x d_1	B ap= 1 x d_1	B ap= 2 x d_1	C ap= 1 x d_1	C ap= 2 x d_1
4,8	20	0.003	0,003	0,012	0,006	0,029	0,014
5,5	18	0,004	0,003	0,017	0,009	0,041	0,023
7,5	16	0,008	0,005	0,029	0,016	0,056	0,043
8	14	0,008	0,006	0,031	0,018	0,060	0,049
10	13	0,009	0,007	0,040	0,032	0,071	0,071
10	12	0,008	0,006	0,038	0,029	0,071	0,069
12	11	0,009	0,007	0,036	0,026	0,077	0,077
14	10	0,010	0,008	0,060	0,043	0,084	0,084

UNF

d_1	A ap= 1 x d_1	A ap= 2 x d_1	B ap= 1 x d_1	B ap= 2 x d_1	C ap= 1 x d_1	C ap= 2 x d_1
4,8	0.004	0,003	0,016	0,008	0,034	0,021
6	0,006	0,004	0,028	0,016	0,055	0,045
8	0,013	0,007	0,037	0,025	0,063	0,058
10	0,022	0,011	0,046	0,038	0,071	0,071
14	0,036	0,018	0,075	0,061	0,084	0,084

G

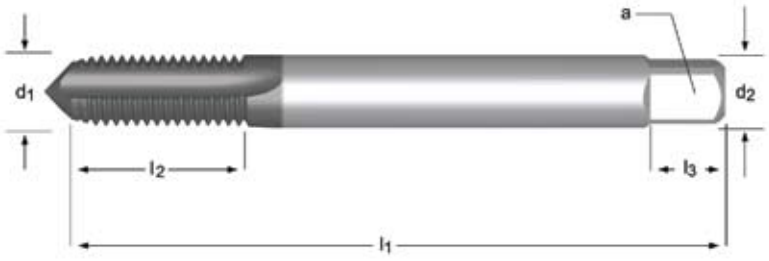
d_1	A ap= 1 x d_1	A ap= 2 x d_1	B ap= 1 x d_1	B ap= 2 x d_1	C ap= 1 x d_1	C ap= 2 x d_1
3,2	0,010	0,005	0,011	0,006	0,017	0,012
4,1	0,009	0.007	0,012	0,008	0,014	0,011
4,8	0,012	0,009	0,015	0,010	0,017	0,014
6,5	0,017	0,014	0,027	0,017	0,030	0,025
16	0.061	0,033	0,064	0,036	0,066	0,033
19	0,085	0,044	0,089	0,048	0,095	0,044

NPT
NPTF

d_1	Ap=	A	B	C
7,9	Standard	0,026	0,044	0,069
9.9	Standard	0,029	0,046	0,070
15,9	Standard	0,053	0,087	0,089
19,9	Standard	0,064	0,1	0,1

T100

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



T100

bez krčku / átesző szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

M | HM | TiAlN | DIN 371 | 6H | 2xD | C 2 - 3

■ 1.7

● 1.8 3.1 3.2 6.4 7.4 8.2 8.3 10.1

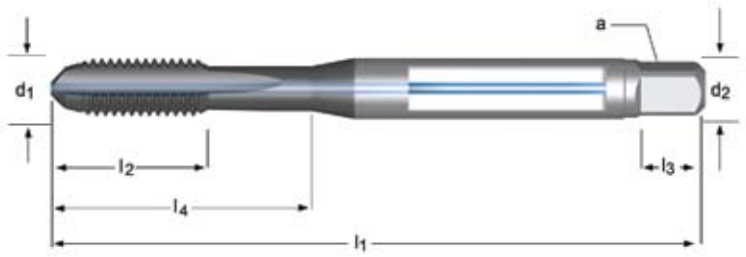
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
3	0.50	56	10	3.5	2.7	6	3	2.6	**T100M3**
4	0.70	63	13	4.5	3.4	6	3	3.4	**T100M4**
5	0.80	70	16	6	4.9	8	3	4.3	**T100M5**
6	1.00	80	20	6	4.9	8	3	5.1	**T100M6**
8	1.25	90	25	8	6.2	9	3	6.9	**T100M8**
10	1.50	100	30	10	8.0	11	3	8.7	**T100M10**
12	1.75	110	36	12	9.0	12	3	10.4	**T100M12**

T101

DORMER

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder

NEW
2007.09



T101

M | HM | TiAlN Top | DIN 371≤10 376≥12 | 6HX | 2.5xD | C 2 - 3

■ 3.1 3.2 7.4 10.1

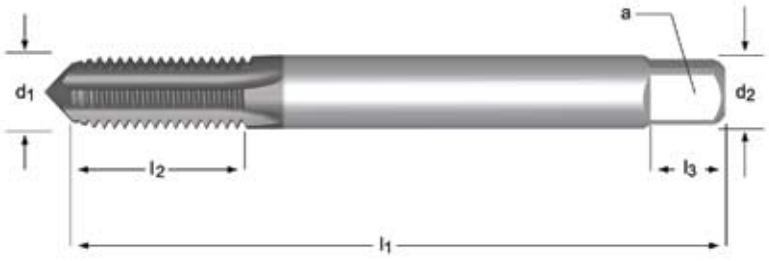
● 3.3 3.4 6.4 7.3 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code	
5	0.80	70	16	6	4.9	8	4	4.3		**T101M5**	[1]
6	1.00	80	19	6	4.9	8	4	5.1	30	**T101M6**	
8	1.25	90	22	8	6.2	9	4	6.9	35	**T101M8**	
10	1.50	100	24	10	8.0	11	4	8.7	39	**T101M10**	
12	1.75	110	23	9	7.0	10	4	10.4		**T101M12**	
16	2.00	110	25	12	9.0	12	4	14.25		**T101M16**	

[1] bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

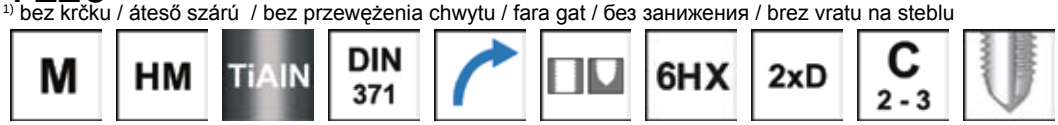
T110

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



T110

[1] bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu



■ 1.8

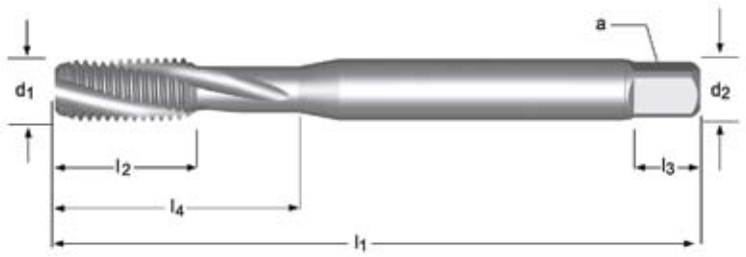
● 1.7

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
3	0.50	56	10	3.5	2.7	6	4	2.6	**T110M3**
4	0.70	63	13	4.5	3.4	6	5	3.4	**T110M4**
5	0.80	70	16	6	4.9	8	5	4.3	**T110M5**
6	1.00	80	20	6	4.9	8	5	5.1	**T110M6**
8	1.25	90	25	8	6.2	9	5	6.9	**T110M8**
10	1.50	100	30	10	8.0	11	5	8.7	**T110M10**
12	1.75	110	36	12	9.0	12	6	10.4	**T110M12**

T105

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder

NEW
2007.09



T105

M | HM | DIN 371≤10 376≥12 | 6H | 2xD | C 2 - 3 | 15°

■ 3.3 3.4 7.3 7.4

● 3.1 3.2 8.2 8.3

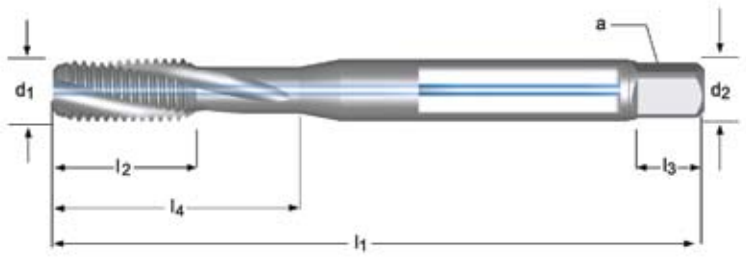
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code	
3	0.50	56	10	3.5	2.7	6	3	2.6		**T105M3**	1)
4	0.70	63	13	4.5	3.4	6	3	3.4		**T105M4**	1)
5	0.80	70	16	6	4.9	8	3	4.3		**T105M5**	1)
6	1.00	80	19	6	4.9	8	3	5.1	30	**T105M6**	
8	1.25	90	22	8	6.2	9	3	6.9	35	**T105M8**	
10	1.50	100	24	10	8.0	11	3	8.7	39	**T105M10**	
12	1.75	110	23	9	7.0	10	3	10.4		**T105M12**	

[1] bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

T106

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

NEW
2007.09



T106

M | HM | DIN 371≤10 376≥12 | 6H | 3xD | C 2 - 3 | 15°

■ 3.3 3.4 7.3 7.4

● 3.1 3.2 8.2 8.3

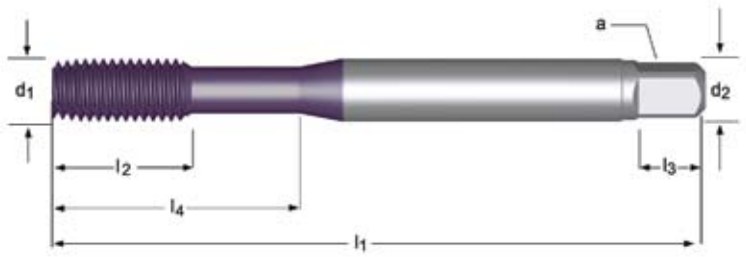
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code	
5	0.80	70	16	6	4.9	8	3	4.3		**T106M5**	1)
6	1.00	80	19	6	4.9	8	3	5.1	30	**T106M6**	
8	1.25	90	22	8	6.2	9	3	6.9	35	**T106M8**	
10	1.50	100	24	10	8.0	11	3	8.7	39	**T106M10**	
12	1.75	110	23	9	7.0	10	3	10.4		**T106M12**	

1) bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

T115

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

NEW
2007.09



T115

M | HM | TiCN | DIN 2174 | 6HX | 3xD | C 2 - 3

■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 5.1 7.1 7.2 7.3

● 2.4 5.2 6.1 6.3

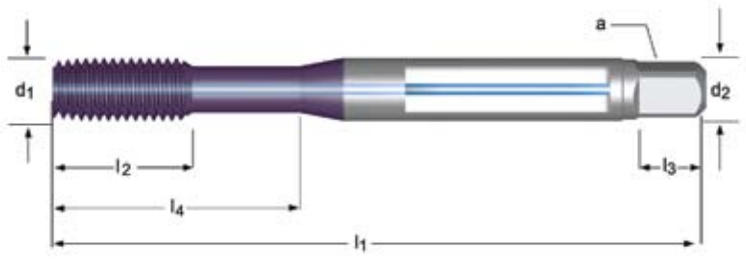
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code	
3	0.50	56	10	3.5	2.7	6	2.8		**T115M3**	1)
4	0.70	63	13	4.5	3.4	6	3.7		**T115M4**	1)
5	0.80	70	16	6	4.9	8	4.6		**T115M5**	1)
6	1.00	80	19	6	4.9	8	5.5	30	**T115M6**	
8	1.25	90	22	8	6.2	9	7.4	35	**T115M8**	
10	1.50	100	24	10	8.0	11	9.3	39	**T115M10**	

1) bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

T116

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder

NEW
2007.09



T116

M | HM | TiCN | DIN 2174 | 6HX | 3xD | C 2 - 3

■ 1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 5.1 7.1 7.2 7.3

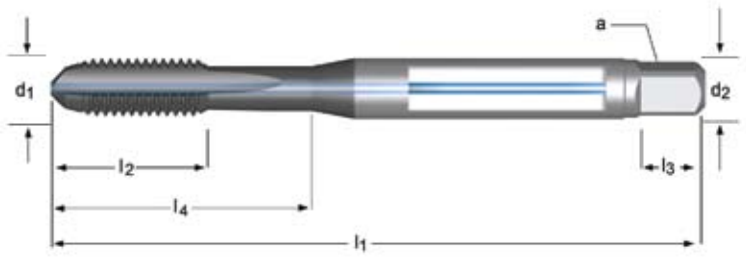
● 2.4 5.2 6.1 6.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
5	0.80	70	16	6	4.9	8	4.6		**T116M5**
6	1.00	80	19	6	4.9	8	5.5	30	**T116M6**
8	1.25	90	22	8	6.2	9	7.4	35	**T116M8**
10	1.50	100	24	10	8.0	11	9.3	39	**T116M10**
12	1.75	110	23	9	7.0	10	11.2		**T116M12**

T120

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

NEW
2007.09



T120

MF | HM | TiAlN Top | DIN 374 | 6HX | 2.5xD | C 2 - 3

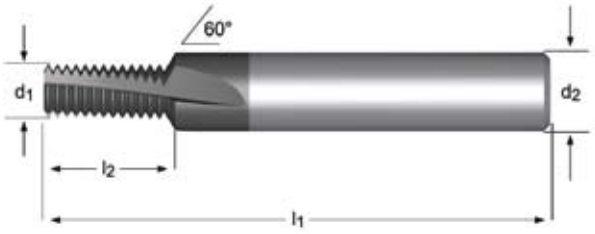
■ 3.1 3.2 7.4 10.1

● 3.3 3.4 6.4 7.3 8.2 8.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	1.00	90	12	6.0	4.9	8	4	7		**T120M8X1.0**
10	1.00	90	14	7.0	5.5	8	4	9		**T120M10X1.0**
12	1.50	100	20	9.0	7.0	10	4	10.5		**T120M12X1.5**
14	1.50	100	21	11.0	9.0	12	4	12.5		**T120M14X1.5**

J100

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J100

M | HM | TiAlN X | D | 2xD | 10° | DIN 6535 HA

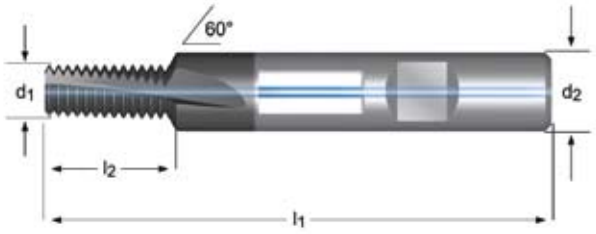
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M4	0.7	3.2	8.4	57	6	3	**J1003.2X.7**
M5	0.8	4.1	11.2	57	6	3	**J1004.1X.8**
M6	1	4.8	13	63	8	3	**J1004.8X1.0**
M8	1.25	6.5	17.5	72	10	3	**J1006.5X1.25**
M10	1.5	8.2	21	83	12	3	**J1008.2X1.5**
M12	1.75	9.9	26.25	83	14	4	**J1009.9X1.75**
M14	2	11.6	30	92	16	4	**J10011.6X2.0**
M16	2	13.6	34	92	18	4	**J10013.6X2.0**

J105

- Závitovací frézy
- Menetmaró
- Frezy do gwintów
- Freze pentru filetare
- Резьбовые фрезы
- rezkar navojni



J105

M | HM | TiAlN X | D | 2xD | 10° | DIN 6535 HB

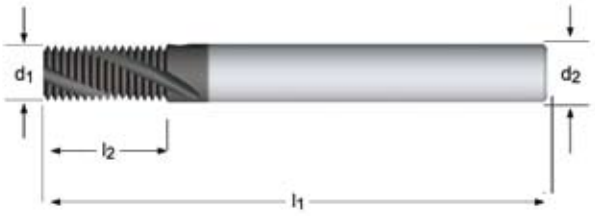
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 5.3 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M8	1.25	6.5	17.5	75	10	3	**J1056.5X1.25**
M10	1.5	8.2	21	83	12	3	**J1058.2X1.50**
M12	1.75	9.9	26.25	83	14	4	**J1059.9X1.75**
M14	2	11.6	30	92	16	4	**J10511.6X2.0**
M16	2	13.6	34	92	18	4	**J10513.6X2.0**

J110

- Závitovací frézy
- Menetmaró
- Frezy do gwintów
- Freze pentru filetare
- Резьбовые фрезы
- rezkar navojni



J110

M | HM | TiAlN X | D | 2xD | 27° | DIN 6535 HA

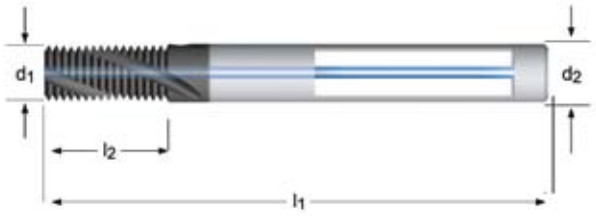
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M6	1	4.5	13	57	6	3	**J1104.5X1.0**
M8	1.25	6	17.5	65	6	3	**J1106.0X1.25**
M10	1.5	7.5	21	72	8	3	**J1107.5X1.5**
M12	1.75	9.5	26.25	80	10	3	**J1109.5X1.75**
M14	2	10	30	83	10	4	**J11010.0X2.0**
M16	2	12	34	92	12	4	**J11012.0X2.0**

J115

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J115

M | HM | TiAlN X | D | 2xD | 27° | DIN 6535 HA

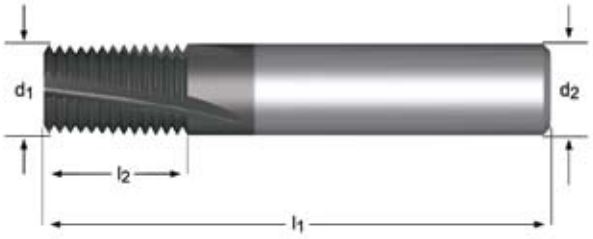
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M6	1	4.5	13	57	6	3	**J1154.5X1.0**
M8	1.25	6	17.5	65	6	3	**J1156.0X1.25**
M10	1.5	7.5	21	72	8	3	**J1157.5X1.5**
M12	1.75	9.5	26.25	80	10	3	**J1159.5X1.75**
M14	2	10	30	83	10	4	**J11510.0X2.0**
M16	2	12	34	92	12	4	**J11512.0X2.0**

J101

- Závitovací frézy
- Menetmaró
- Frezy do gwintów
- Freze pentru filetare
- Резьбовые фрезы
- rezkar navojni



J101

M | HM | TiAlN X | D | 1.5xD | 10° | DIN 6535 HA

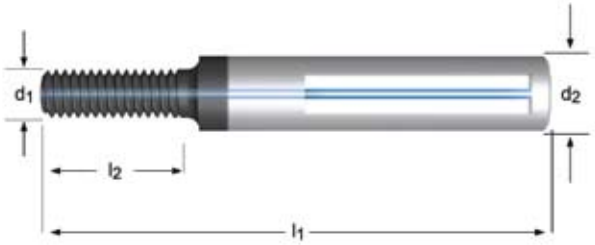
■ 1.7 1.8 7.4 8.2 8.3 10.1

● 5.3

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M6	1	4.5	10	57	6	4	**J1014.5X1.0**
M8	1.25	6	12.5	57	6	5	**J1016.0X1.25**
M10	1.5	8	16.5	63	8	5	**J1018.0X1.50**
M12	1.75	9	19.25	72	10	5	**J1019.0X1.75**
M16	2	12	26	83	12	5	**J10110.0X2.0**

J500

- Orbitální tvářecí fréza
- Ívpályás menetmaró-formázó
- Wygniatak orbitalny
- Freza de filetare prin deformare orbitala
- Раскатник, метод винтовой интерполяции (Orbital Thread Former)
- Navojni rezkar



J500

■ 7.1 7.2 7.3 7.4

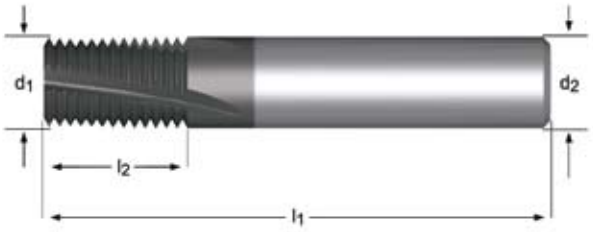
● 6.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code	
M5	0.8	4.1	10	54	6	6	**J5004.1X.8**	
M6	1	4.8	13	54	6	7	**J5004.8X1.0**	
M8	1	6.5	18	58	10	8	**J5006.5X1.0**	1)
M8	1.25	6.5	18	58	10	8	**J5006.5X1.25**	
M10	1	8.2	21	72	12	10	**J5008.2X1.0**	1)
M10	1.5	8.2	21	72	12	10	**J5008.2X1.5**	
M12	1.5	9.9	24	83	12	10	**J5009.9X1.5**	1)
M12	1.75	9.9	24	83	12	10	**J5009.9X1.75**	
M16	1.5	13.6	33	92	16	12	**J50013.6X1.5**	1)
M16	2	13.6	34	92	16	12	**J50013.6X2.0**	

1) MF / MF / MF / MF / MF / MF

J120

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J120

MF | HM | TiAlN X | D | 1.5xD | 10° | DIN 6535 HA

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

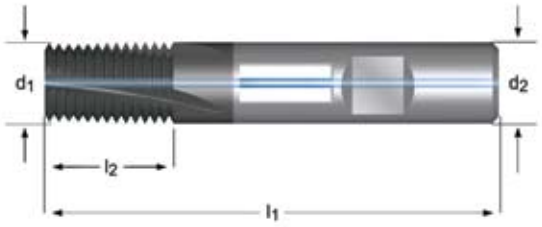
● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M6x0.5	0.5	4.8	10	57	6	3	**J1204.8X.5**
M8x0.75	0.75	6	12	57	6	3	**J1206.0X.75**
M8x1	1	6	12	57	6	3	**J1206.0X1.0**
M10x1	1	8	16	63	8	4	**J1208.0X1.0**
M12x1	1	10	20	72	10	4	**J12010.0X1.0**
M12x1.5	1.5	10	20	72	10	4	**J12010.0X1.5**
M14x1	1	12	22	83	12	4	**J12012.0X1.0**
M14x1.5	1.5	12	22	83	12	4	**J12012.0X1.5**

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M16x1	1	14	26	83	14	5	**J12014.0X1.0**
M16x1.5	1.5	14	26	83	14	5	**J12014.0X1.5**
M20x2	2	16	30	92	16	5	**J12016.0X2.0**
M20x2.5	2.5	16	42.5	105	16	5	**J12016.0X2.5**
M24x2	2	20	35	104	20	5	**J12020.0X2.0**
M24x3	3	19	50	125	20	5	**J12019.0X3.0**

J125

- Závitovací frézy
- Menetmaró
- Frezy do gwintów
- Freze pentru filetare
- Резьбовые фрезы
- rezkar navojni



J125

MF | HM | TiAlN X | D | 1.5xD | 10° | DIN 6535 HB

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

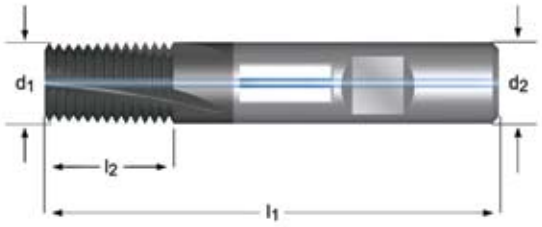
● 1.7 1.8 10.1

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M10x1	1	8	16	63	8	4	**J1258.0X1.0**
M12x1	1	10	20	72	10	4	**J12510.0X1.0**
M12x1.5	1.5	10	20	72	10	4	**J12510.0X1.5**
M14x1	1	12	22	83	12	4	**J12512.0X1.0**
M14x1.5	1.5	12	22	83	12	4	**J12512.0X1.5**
M16x1	1	14	26	83	14	5	**J12514.0X1.0**

⩾	P mm	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
M16x1.5	1.5	14	26	83	14	5	**J12514.0X1.5**
M18x1.5	1.5	16	30	92	16	5	**J12516.0X1.5**
M24x2	2	20	35	104	20	5	**J12520.0X2.0**

J135

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J135

UNC | HM | TiAlN X | D | 2xD | 10° | DIN 6535 HB

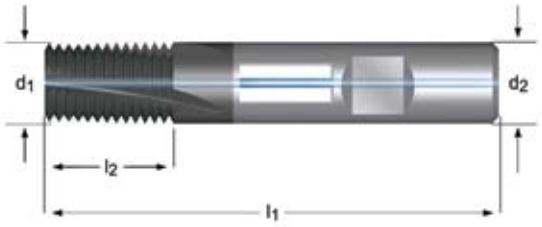
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 5.3 10.1

≥	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
1/4	20	4.8	14	57	6	3	**J1354.8-20**
5/16	18	5.5	14	57	6	3	**J1355.5-18**
3/8	16	7.5	19	63	8	4	**J1357.5-16**
7/16	14	8	19	63	8	4	**J1358.0-14**
1/2	13	10	22	72	10	4	**J13510.0-13**
9/16	12	10	22	72	10	4	**J13510.0-12**
5/8	11	12	26	83	12	4	**J13512.0-11**
3/4	10	14	32	83	14	5	**J13514.0-10**

J145

- Závitovací frézy
- Menetmaró
- Frezy do gwintów
- Freze pentru filetare
- Резьбовые фрезы
- rezkar navojni



J145

UNF | HM | TiAlN X | D | 2xD | 10° | DIN 6535 HB

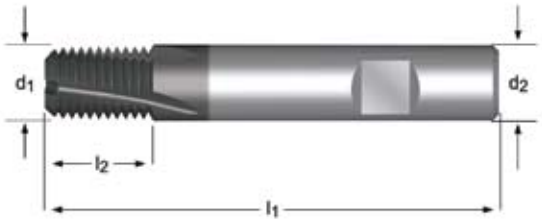
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 5.3 10.1

≥	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
1/4	28	4.8	14	57	6	3	**J1454.8-28**
5/16. 3/8	24	6	14	57	6	3	**J1456.0-24**
7/16. 1/2	20	8	19	63	8	4	**J1458.0-20**
9/16. 5/8	18	10	22	72	10	4	**J14510.0-18**
3/4	16	14	32	83	14	5	**J14514.0-16**

J160

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J160

NPT | HM | TiAlN X | D | 10° | DIN 6535 HB

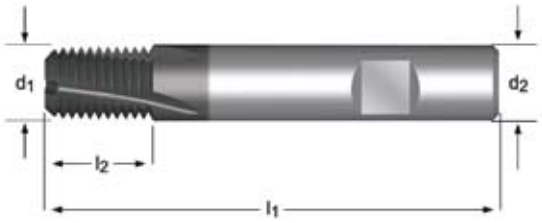
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

≥	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
1/8	27	7.9	9.88	58	8	3	**J1607.9-27**
1/4. 3/8	18	9.9	14.82	66	10	3	**J1609.9-18**
1/2. 3/4	14	15.9	19.05	82	16	4	**J16015.9-14**
1-2	11.5	19.9	23.19	92	20	5	**J16019.9-11.5**

J170

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J170

NPTF | HM | TiAlN X | D | 10° | DIN 6535 HB

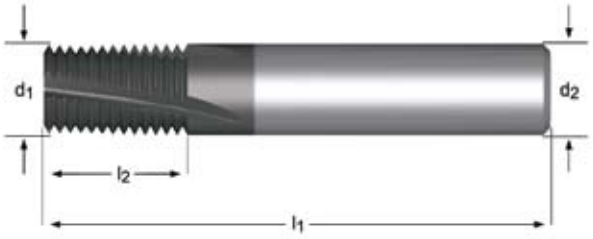
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

≥	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
1/8	27	7.9	9.88	58	8	3	**J1707.9-27**
1/4. 3/8	18	9.9	14.82	66	10	3	**J1709.9-18**
1/2. 3/4	14	15.9	19.05	82	16	4	**J17015.9-14**
1-2	11.5	19.9	23.19	92	20	5	**J17019.9-11.5**

J180

- Závitovací frézy
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J180

G | HM | TiAlN X | D | 1.5xD | 10° | DIN 6535 HA

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
G1/8	28	6	15	57	6	3	**J1806.0-28**
G1/4	19	10	20	72	10	4	**J18010.0-19**
G3/8	19	14	26	83	14	5	**J18014.0-19**
G1/2. 5/8	14	16	30	92	16	5	**J18016.0-14**

⩾	TPI	d_1 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
G5/8. 3/4. 7/8	14	20	35	104	20	5	**J18020.0-14**
G1-3	11	25	45	121	25	6	**J18025.0-11**

	E201	E252	E446	E447	E462	E463	E352	E353	E200	E250	E237	E251	E303	E100	E102
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
															
	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo	HSCo	HSS	HSCo
	N	N	TiAlN	TiAlN	TiAlN	TiAlN									ST
	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 357	DIN 352	DIN 352
	6HX	6HX	6HX	6HX	6HX	6HX	6H	6H	6H	6H	6H	6H	6H	6H	6HX
	2xD	2xD	2xD	2xD	2.5xD	2.5xD	2xD	2xD	1.5xD	1.5xD	1.5xD	1.5xD	2xD	1.5xD	1.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	A 6-8 C 2-3	A 6-8 C 2-3	C 2 - 3	C 2 - 3	D 18-20 C 2-3	C 2 - 3	C 2 - 3
	M3 - M10	M8 - M24	M3 - M10	M8 - M24	M5 - M10	M12 - M20	M3 - M10	M12 - M16	M2 - M10	M3 - M52	M3 - M10	M12 - M24	M3 - M20	M1.6 - M52	M3 - M30
	300	300	301	301	302	302	303	303	304	305	306	306	307	308	311
1.1							•25	•25	•12	•12	•12	•12	•12	•	•
1.2							•22	•22	•10	•10	•10	•10	•10	•	•
1.3							•18	•18	•8	•8	•8	•8	•8	•	•
1.4									•6	•6	•6	•6	•6	•	•
1.5									•5	•5	•5	•5	•5	•	•
1.6															
1.7															
1.8															
2.1															•
2.2															•
2.3															•
2.4															
3.1	■15	■15	■22	■22	■22	■22			•14	•14	•14	•14	•14	•	•
3.2	■8	■8	■18	■18	■18	■18			•8	•8	•8	•8	•8	•	•
3.3	■15	■15	■25	■25	■25	■25			•12	•12	•12	•12	•12	•	•
3.4	•8	•8	•18	•18	•18	•18								•	•
4.1															•
4.2															•
4.3															•
5.1															•
5.2															•
5.3															•
6.1														•	•
6.2	•20	•20	•30	•30	•30	•30			•16	•16	•16	•16	•16	•	•
6.3							•20	•20	•12	•12	•12	•12	•12	•	•
6.4	•5	•5	•4	•4	•4	•4								•	•
7.1							•16	•16							
7.2							■35	■35	•20	•20	•20	•20	•20	•	•
7.3							■20	■20	•12	•12	•12	•12	•12	•	•
7.4	•15	•15	•20	•20	•20	•20	■15	■15						•	•
8.1															
8.2	■10	■10	■15	■15	■15	■15			•8	•8	•8	•8	•8	•	•
8.3														•	•
9.1															
10.1															

DORMER

	E101	E348	E349	E206	E257	E375	E376	E395	E396	E324	E326	E344	E345	E454	E455	E358
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
																
	HSS	HSCo	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo	HSCo
		Cr	Cr	TiN	TiN	TiN	TiN		TiAlN PRO	TiAlN	TiAlN	ST	ST	TiCN	TiCN	
	DIN 352	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371c10 376e12	DIN 371c10 376e12	DIN	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
	1.5xD	2.5xD	2.5xD	2.5xD	2.5xD	3xD	3xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD
	C 2 - 3	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5
	M4 - M16	M3 - M10	M12 - M30	M3 - M10	M4 - M30	M5 - M10	M12 - M20	M3 - M20	M3 - M20	M3 - M10	M12	M3 - M10	M12 - M30	M3 - M10	M12 - M20	M3 - M10
								NEW 2009.02	NEW 2009.02							
	312	313	313	314	314	315	315	316	317	318	318	319	319	320	320	321
1.1	●	■25	■25	■40	■40	■40	■40									●25
1.2	●	■22	■22	■40	■40	■40	■40									●22
1.3	●	■18	■18	■32	■32	■32	■32									●18
1.4	●	●16	●16	●27	●27	●27	●27	■16	■30							
1.5	●	●10	●10	●13	●13	●13	●13	●10	■20	■17	■17	●10	●10	●17	●17	
1.6								●5	●11	■11	■11	●5	●5	●11	●11	
1.7																
1.8																
2.1												■8	■8	■14	■14	
2.2												■7	■7	■10	■10	
2.3												■5	■5	■6	■6	
2.4												■5		■6		
3.1	●															
3.2	●															
3.3	●															
3.4	●															
4.1														■25	■25	
4.2								●10	●13	■13	■13			■13	■13	
4.3										■8	■8					
5.1														■25	■25	
5.2								●5	●10	●5	●5			■10	■10	
5.3										●3	●3					
6.1	●	■12	■12	■18	■18	■18	■18									●12
6.2	●	●30	●30	●45	●45	●45	●45									■30
6.3	●	■20	■20	■35	■35	■35	■35									■20
6.4	●															
7.1																■16
7.2	●															■35
7.3	●															■20
7.4	●									●30	●30					●15
8.1																■25
8.2	●															
8.3	●															
9.1										●2	●2					
10.1																

	E359	E448	E449	E214	E265	E216	E266	E422	E423	E616	E215	E197	E247	E235	E236	E350
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
																
	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo
		ZrN	ZrN					TiN	TiN	TiAlN Top						Cr
	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371+10 376+12	DIN 371	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6HX	6G	6G	6H	6H	6H
	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	3xD	3xD	3xD	3xD	3xD	1.5xD	2.5xD	2.5xD	2xD	2xD	2xD
	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	A 6 - 8	A 6 - 8	C 2 - 3
														15°	15°	40°
	M12 - M16	M3 - M10	M12 - M16	M2 - M10	M3 - M30	M3 - M10	M12 - M24	M3 - M10	M12 - M24	M3 - M20	M2 - M10	M3 - M10	M12 - M20	M3 - M10	M12 - M24	M3 - M10
										NEW 2008.09						
	321	322	322	323	324	325	325	326	326	327	328	329	329	330	330	331
1.1	●25	■40	■40	●22	●22	●22	●22	●35	●35	■40	●22	●22	●22			■25
1.2	●22	■40	■40	■20	■20	■20	■20	■35	■35	■40	■20	■20	■20	●20	●20	■22
1.3	●18	■32	■32	■16	■16	■16	■16	■28	■28	■32	●16	■16	■16	■16	■16	■18
1.4				■12	■12	■12	■12	■24	■24	■30		■12	■12	■12	■12	●16
1.5				●7	●7	●7	●7	●10	●10	■17		●7	●7	●7	●7	●10
1.6										●11						
1.7																
1.8																
2.1										●8						
2.2										●7						
2.3										●5						
2.4																
3.1				●12	●12	●12	●12	●18	●18	●22		●12	●12			
3.2				●7	●7	●7	●7	●15	●15	●18		●7	●7			
3.3				●10	●10	●10	●10	●20	●20	●25		●10	●10			
3.4				●5	●5	●5	●5	●15	●15	●18		●5	●5			
4.1		■25	■25	●15	●15	●15	●15	●27	●27			●15	●15			
4.2										●7						
4.3				●4	●4	●4	●4	●5	●5			●4	●4			
5.1		■25	■25	●12	●12	●12	●12	●20	●20		●12	●12	●12			
5.2				●5	●5	●5	●5	●8	●8	●8		●5	●5			
5.3																
6.1	●12	●18	●18	●12	●12	●12	●12	●18	●18	■18		●12	●12			■12
6.2	■30	■45	■45	●30	●30	●30	●30	●45	●45	●45		●30	●30			●30
6.3	■20	■35	■35	●20	●20	●20	●20	●35	●35	■35		●20	●20			■20
6.4																
7.1	■16	■35	■35	●16	●16	●16	●16	●25	●25	●	●16	●16	●16			
7.2	■35	■45	■45	●35	●35	●35	●35	●45	●45		●35	●35	●35	●30	●30	
7.3	■20	■30	■30	●20	●20	●20	●20	●30	●30			●20	●20	●15	●15	
7.4	●15	●20	●20	●15	●15	●15	●15	●20	●20			●15	●15			
8.1	■25	■30	■30	●25	●25	●25	●25	●30	●30		■30	●25	●25			
8.2																
8.3																
9.1																
10.1																

	E351	E213	E264	E460	E461	E392	E393	E394	E342	E343	E402	E314	E316	E346	E347
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
															
	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo	HSCo
	Cr	TiN	TiN	TiN	TiN			TiAlN Top			ST TiAlN	TiAlN	TiAlN	ST	ST
	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371+10 376+12	DIN 371	DIN 376	DIN 371+10 376+12	DIN	DIN 376	DIN 371	DIN 376
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
	2xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2xD	2xD	3xD	1.5xD	1.5xD	2xD	2xD
	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
	M12 - M30	M3 - M10	M12 - M30	M5 - M10	M12 - M20	M3 - M10	M5 - M36	M3 - M20	M3 - M10	M12 - M20	M3 - M30	M3 - M10	M12	M3 - M10	M12 - M30
						NEW 2009.02	NEW 2009.02	NEW 2009.02							
	331	332	332	333	333	334	334	335	336	336	337	338	338	339	339
1.1	■25	■40	■40	■40	■40						■30				
1.2	■22	■40	■40	■40	■40						■30				
1.3	■18	■32	■32	■32	■32						■25				
1.4	●16	●27	●27	●27	●27	■16	■16	■30	■16	■16	■20				
1.5	●10	●13	●13	●13	●13	●10	●10	■20	●10	●10	■15	■17	■17	●10	●10
1.6						●5	●5	●11	●5	●5		■11	■11	●5	●5
1.7															
1.8															
2.1											●14			■8	■8
2.2											●10			■7	■7
2.3											●6			■5	■5
2.4															
3.1															
3.2															
3.3															
3.4															
4.1															
4.2						●10	●10	●13	●10	●10		■13	■13		
4.3												■8	■8		
5.1															
5.2						●5	●5	●10	●5	●5		●5	●5		
5.3												●3	●3		
6.1	■12	■18	■18	■18	■18										
6.2	●30	●45	●45	●45	●45										
6.3	■20	■35	■35	■35	■35										
6.4															
7.1											●16				
7.2											●35				
7.3															
7.4												●30	●30		
8.1															
8.2															
8.3															
9.1												●2	●2		
10.1															

	E404	E360	E361	E354	E355	E450	E451	E208	E259	E195	E245	E615	E207	E258	E212
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
															
	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo
	Super					ZrN	ZrN					TiAlN			TiN
	DIN 371c10 376a12	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 371c10 376a12	DIN 371	DIN 376	DIN 371
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
	2.5xD	2.5xD	2.5xD	1.5xD	1.5xD	1.5xD	1.5xD	2xD	2xD	2.5xD	2.5xD	3xD	1.5xD	1.5xD	1.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3
	40°	35°	35°	15°	15°	15°	15°	40°	40°	40°	40°	40°	15°	15°	15°
	M3 - M20	M3 - M10	M12 - M20	M3 - M10	M12 - M16	M3 - M10	M12 - M16	M2 - M10	M6 - M30	M4 - M10	M12 - M24	M3 - M20	M2 - M10	M4 - M36	M3 - M10
	NEW 2007.10											NEW 2008.09			
	340	**341**	**341**	**342**	**342**	**343**	**343**	**344**	**345**	**346**	**346**	**347**	**348**	**349**	**350**
1.1				●25	●25	●40	●40	●22	●22	●22	●22	■40			●35
1.2		●22	●22	●22	●22	●40	●40	●20	●20	●20	●20	■40	●20	●20	●35
1.3	●32	●18	●18	●18	●18	●32	●32	■16	■16	■16	■16	■32	■16	■16	■28
1.4	●27			●16	●16	●27	●27	■12	■12	■12	■12	■30	■12	■12	■24
1.5	●13							●7	●7	●7	●7	■17	●7	●7	●10
1.6	●11											●11			
1.7															
1.8															
2.1	■14											●8			
2.2	■10											●7			
2.3	■6											●5			
2.4	■6														
3.1												●22			
3.2												●18			
3.3												●25			
3.4												●18			
4.1		■15	■15												
4.2												●7			●10
4.3															●7
5.1		■12	■12												
5.2												●8			
5.3															
6.1		●12	●12	●12	●12	●18	●18					■18			
6.2				■30	■30	■45	■45					●45			
6.3		●20	●20	■20	■20	■35	■35					■35			
6.4															
7.1		■16	■16	●16	●16	●25	●25					●			
7.2		■35	■35	■35	■35	■45	■45						●30	●30	●35
7.3		●20	●20	■20	■20	■30	■30						●15	●15	●20
7.4				■15	■15	■20	■20								
8.1		■30	■30												
8.2															
8.3															
9.1															
10.1															

DORMER

	E263	E199	E249	E198	E248	E301	E302	E305	E306	E308	E315	E313	E309	E310	E323
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	EGM
															
	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo
	TiN						TiN	TiN	CrN	TiN	TiN	Dialub	TiN	TiN	TiN
	DIN 376	DIN 371	DIN 376	DIN 371	DIN 376	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 2174	DIN 40435
	6H	6G	6G	6G	6G	6HX	6HX	6HX	6HX	6HX	6HX	6HX	6GX	6GX	6H mod.
	1.5xD	2xD	2xD	1.5xD	1.5xD	3xD	3xD	3xD	3xD	3.5XD	3.5XD	3xD	3xD	3xD	3xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3.5	C 2 - 3.5	E 1.5 - 2	C 2 - 3.5	C 2 - 3.5	C 2 - 3.5	C 2 - 3.5	C 2 - 3.5	E 1.5 - 2	C 2 - 3.5
	15°	40°	40°	15°	15°										
	M12 - M36	M3 - M10	M12 - M20	M3 - M10	M12 - M20	M1 - M24	M1 - M24	M3 - M10	M3 - M12	M3 - M24	M5 - M12	M3 - M8	M3 - M12	M3 - M10	M3 - M12

	350	351	351	352	352	353	354	355	356	357	358	359	360	361	362
1.1	•35	•22	•22			•30	■55	■55	■55	■55	■55		■55	■55	■55
1.2	•35	•20	•20	•20	•20	•27	■50	■50	■50	■50	■50		■50	■50	■50
1.3	■28	■16	■16	■16	■16	•23	■45	■45	■45	■45	■45		■45	■45	■45
1.4	■24	■12	■12	■12	■12	•20	■40	■40	■40	■40	■40		■40	■40	■40
1.5	•10	•7	•7	•7	•7		•20	•20		•20	•20		•20	•20	•20
1.6															
1.7															
1.8															
2.1							■18	■18	•18	■18	■18		■18	■18	■18
2.2							■15	■15	•15	■15	■15		■15	■15	■15
2.3							•10	•10		•10	•10		•10	•10	•10
2.4															
3.1															
3.2															
3.3															
3.4															
4.1							■35	■35	■35	■35	■35		■35	■35	■35
4.2	•10														
4.3	•7														
5.1							■20	■20	■20	■20	■20		■20	■20	■20
5.2							•8	•8	•8	•8	•8		•8	•8	•8
5.3															
6.1							•25	•25	•25	•25	•25	■25	•25	•25	•25
6.2															
6.3							•40	•40	•40	•40	•40	■40	•40	•40	•40
6.4															
7.1						•22	•40	•40	■40	•40	•40	■40	•40	•40	•40
7.2	•35			•30	•30	•38	•55	•55	■55	•55	•55	■55	•55	•55	•55
7.3	•20			•15	•15	•22	■40	■40	■40	■40	■40	■40	■40	■40	■40
7.4							•25	•25	•25	•25	•25		•25	•25	•25
8.1															
8.2															
8.3															
9.1															
10.1															

	E650	E269	E268	E242	E290	E105	E365	E411	E364	E366	E405	E363	E367	E219	E270
	M	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF	MF
															
	HSS	HSCo XP	HSCo	HSCo	HSCo	HSS	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo
	ST	N					Cr	TiN	ST	Cr	ST TiAlN	ST			
	ISO	DIN 374	DIN 374	DIN 371	DIN 374	DIN 2181	DIN 374	DIN 374	DIN 374	DIN 374	DIN 374	DIN 374	DIN 374	DIN 371	DIN 374
	6H	6HX	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
	1.5xD	2xD	1.5xD	1.5xD	1.5xD	1.5xD	2.5xD	2.5xD	2.5xD	2xD	3xD	2xD	2.5xD	1.5xD	1.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3
	30°									40°	45°	45°	35°	15°	15°
	M3 - M16	M10 - M20	M4 - M50	M8 - M10	M12 - M24	M2.5 - M50	M3 - M30	M8 - M20	M6 - M20	M6 - M20	M8 - M20	M6 - M20	M4 - M20	M4 - M10	M6 - M30
		GRADE LINE					GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE		
	363	**364**	**365**	**367**	**367**	**368**	**371**	**372**	**373**	**374**	**375**	**376**	**377**	**378**	**379**
1.1	●25		●12	●12	●12	●	■25	■40		■25	■30				
1.2	●22		●10	●10	●10	●	■22	■40		■22	■30		●22	●20	●20
1.3	●18		●8	●8	●8	●	■18	■32		■18	■25		●18	■16	■16
1.4	●15		●6	●6	●6	●	●16	●27		●16	■20			■12	■12
1.5			●5	●5	●5	●	●10	●13	●10	●10	■15	●10		●7	●7
1.6									●5			●5			
1.7															
1.8															
2.1									■8		●14	■8			
2.2									■7		●10	■7			
2.3									■5		●6	■5			
2.4															
3.1		■15	●14	●14	●14	●									
3.2	●8	■8	●8	●8	●8	●									
3.3		■15	●12	●12	●12	●									
3.4		●8				●									
4.1													■15		
4.2															
4.3															
5.1													■12		
5.2															
5.3															
6.1						●	■12	■18		■12			●12		
6.2	●30	●20	●16	●16	●16	●	●30	●45		●30					
6.3	●20		●12	●12	●12	●	■20	■35		■20			●20		
6.4		●5				●									
7.1	●18										●16		■16		
7.2	●35		●20	●20	●20	●					●35		■35	●30	●30
7.3			●12	●12	●12	●							●20	●15	●15
7.4		●15				●									
8.1	●30												■30		
8.2		■10	●8	●8	●8	●									
8.3						●									
9.1															
10.1															

DORMER

	E317	E225	E275	E108	E276	E229	E278	E111	E230	E279	E115	L300	L119
	MF	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	BSW		
													
	HSCo	HSCo	HSCo	HSS	HSCo	HSCo	HSCo	HSS	HSCo	HSCo	HSS		
	TiN												
	DIN 2174	DIN 371	DIN 376	DIN 352	DIN 376	DIN 371	DIN 374	DIN 2181	DIN 371	DIN 374	DIN 351		
	6HX	2B	2B	2B	2B	2B	2B	2B	2B	2B	MEDIUM		
	3xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD		
	C 2 - 3.5	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3		
					15°				15°	15°			
	M5 - M10	No.2 - 1/4	5/16 - 1.1/2	No.3 - 1“	1/4 - 1“	No.2 - 1/4	5/16 - 1.1/2	No.1 - 1“	No.6 - 1/4	5/16 - 1“	3/32 - 2“	Set 201 - Set 360	No.17 - No.27
	380	**381**	**382**	**383**	**384**	**385**	**386**	**387**	**388**	**389**	**390**	**391**	**392**
1.1	■55	●12	●12	●		●12	●12	●			●		
1.2	■50	●10	●10	●	●20	●10	●10	●	●20	●20	●		
1.3	■45	●8	●8	●	■16	●8	●8	●	■16	■16	●		
1.4	■40	●6	●6	●	■12	●6	●6	●	■12	■12	●		
1.5	●20	●5	●5	●	●7	●5	●5	●	●7	●7	●		
1.6													
1.7													
1.8													
2.1	■18												
2.2	■15												
2.3	●10												
2.4													
3.1		●14	●14	●		●14	●14	●			●		
3.2		●8	●8	●		●8	●8	●			●		
3.3		●12	●12	●		●12	●12	●			●		
3.4				●				●			●		
4.1	■35												
4.2													
4.3													
5.1	■20												
5.2	●8												
5.3													
6.1	●25			●				●			●		
6.2		●16	●16	●		●16	●16	●			●		
6.3	●40	●12	●12	●		●12	●12	●			●		
6.4				●				●			●		
7.1	●40												
7.2	●55	●20	●20	●	●30	●20	●20	●	●30	●30	●		
7.3	■40	●12	●12	●	●15	●12	●12	●	●15	●15	●		
7.4	●25			●				●			●		
8.1													
8.2		●8	●8	●		●8	●8	●			●		
8.3				●				●			●		
9.1													
10.1													

	L126	L110	L111	L115	L120	L124
						
	HSS			HSS		CS
	ST					
	ISO			ISO 529		ISO
	6H			6H		6H
	1.5xD			1.5xD		1.5xD
	C 2 - 3					
	30°					
	Set 650	16.00 - 4“	No.0 - No.2	No.100	No.21 - 18BA	Set 7
	393	**394**	**395**	**396**	**397**	**398**
1.1	•25			•7		•
1.2	•22			•6		•
1.3	•18			•5		•
1.4	•15			•4		•
1.5				•3		•
1.6						
1.7						
1.8						
2.1						
2.2						
2.3						
2.4						
3.1				•12		•
3.2	•8			•7		•
3.3				•10		•
3.4				•5		•
4.1						
4.2						
4.3						
5.1						
5.2						
5.3						
6.1				•4		•
6.2	•30			•10		•
6.3	•20			•7		•
6.4				•2		•
7.1	•18					
7.2	•35			•12		•
7.3				•7		•
7.4				•5		•
8.1	•30					
8.2				•5		•
8.3				•3		•
9.1						
10.1						

DORMER

	E053	E500	E504	E800	E501	E600	E610	E000	E001	E049	E045	E046	E509	E510	E606
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
															
	HSCo	HSS	HSS	CS	HSS	HSCo	HSCo	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS	HSS	HSCo
	TiAlN		TiN				TiN	Gold	ST	TiAlN	ST	Super a	ST		
	ISO 529	ISO 529	ISO 529	ISO	ISO 529	ISO 2283	ISO 2283	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 2283
	6HX	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
	2xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	1XD	2.5xD
	C 2 - 3						C 2 - 3	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5
	M3 - M20	M1 - M56	M3 - M24	M3 - M24	M3 - M24	M3 - M7	M3 - M16	M3 - M24	M3 - M24	M3 - M20	M3 - M20	M3 - M20	M1.6 - M24	M3 - M12	M3 - M30
	MTT-X							MTT-X	MTT-X	MTT-X	MTT-X	MTT-X			
	399	**400**	**403**	**404**	**406**	**407**	**408**	**409**	**410**	**411**	**412**	**412**	**413**	**414**	**415**
1.1		•7	•14	•	•7	•7	•14	■25	■25	■40			•20		•20
1.2		•6	•12	•	•6	•6	•12	■22	■22	■40			•18		•18
1.3		•5	•10	•	•5	•5	•10	■18	■18	■32			•14		•14
1.4		•4	•8	•	•4	•4	•8	■16	■16	■30			•10		•10
1.5		•3	•6	•	•3	•3	•6	■10	■10	■17	•10	•17	•5	•7	•5
1.6								•5	•5	•11	•5	•11	•3	•4	•3
1.7															
1.8															
2.1									•7		■8	■14	•6	•7	•6
2.2									•6		■7	■10	•4	•5	•4
2.3									•4		■5	■6	•3	•7	•3
2.4											■5	■6			
3.1	■22	•12	■18	•	•12	•12	■18	•15	•15	•22				•12	
3.2	■18	•7	■12	•	•7	•7	■12	•8	•8	•18				•7	
3.3	■25	•10	■22	•	•10	•10	■22	•15	•15	•25				•10	
3.4	•18	•5	•12	•	•5	•5	•12	•8	•8	•18					
4.1								•10				■15			
4.2								•5		•7					
4.3													•3		•3
5.1								•12				•15	•10		•10
5.2								•5		•8		•8	•4		•4
5.3															
6.1		•4		•	•4	•4		■12		■18			•10		•10
6.2	•30	•10	•20	•	•10	•10	•20	•30		•45					
6.3		•7	•14	•	•7	•7	•14	■20		■35			•15		•15
6.4	•4	•2	•4	•	•2	•2	•4								
7.1								■16					•10		•10
7.2		•12	•24	•	•12	•12	•24	■35					•25		•25
7.3		•7	•14	•	•7	•7	•14	■20					•13		•13
7.4	•20	•5	•10	•	•5	•5	•10	■15					•10		•10
8.1								•30					•20		•20
8.2	■15	•5	•10	•	•5	•5	•10								
8.3		•3	•6	•	•3	•3	•6								
9.1															
10.1															

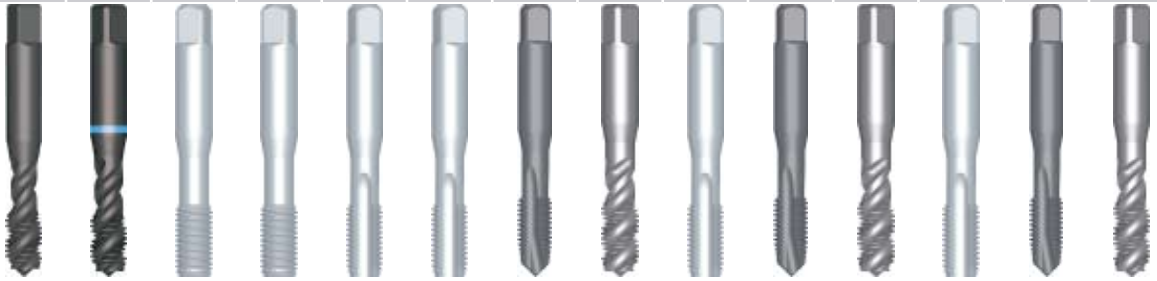
	E002	E003	E050	E051	E047	E048	E044	E052	E507	E605	E090	E097	E091	E098	E096
	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
															
	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSCo	HSS XS1	HSS	HSCo	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1
	Gold	ST	TiAlN	TiAlN	ST	Super	Gold	Gold	ST		Gold	CrN	TiN	TiN	TiN
	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 2283	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529
	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6HX	6HX	6HX	6HX	6HX
	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2xD	2xD	2xD	2xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	E 1.5 - 2	C 2 - 3
	M3 - M24	M3 - M24	M3 - M20	M6 - M20	M3 - M20	M3 - M20	M8 - M20	M3 - M16	M2 - M24	M3 - M20	M2 - M16	M2 - M16	M2 - M16	M3 - M10	M3 - M16
	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X			MTT-X	MTT-X	MTT-X	MTT-X	MTT-X
	416	417	418	418	419	419	420	420	421	422	423	423	424	424	425
1.1	■25	■25	■40	■40			●25	●25			●30	■55	■55	■55	■55
1.2	■22	■22	■40	■40			●22	●22	●18	●18	●27	■50	■50	■50	■50
1.3	■18	■18	■32	■32		●32	●18	●18	●14	●14	●23	■45	■45	■45	■45
1.4	■16	■16	■30	■30		●27	■16	■16	●10	●10	●20	●40	■40	■40	■40
1.5	■10	■10	■17	■17	●10	●13	■10	■10	●5	●5			●20	●20	●20
1.6			●11	●11	●5	●11	■5								
1.7															
1.8															
2.1		●7			■8	■14			●6	●6		●18	■18	■18	■18
2.2		●6			■7	■10			●4	●4		●15	■15	■15	■15
2.3		●4			■5	■6			●3	●3			●10	●10	●10
2.4					■5	■6									
3.1															
3.2															
3.3															
3.4															
4.1	●10											■35	■35	■35	■35
4.2	●5		●7	●7			●5								
4.3															
5.1	●12											■20	■20	■20	■20
5.2	●5		●8				●5		●4	●4		●8	●8	●8	●8
5.3															
6.1			■18	■18				●12				●25	●25	●25	●25
6.2			●45	●45				■30							
6.3			■35	■35				■20				●40	●40	●40	●40
6.4															
7.1	■16							●16	●10	●10	●22	■40	●40	●40	●40
7.2	■35							■35	●25	●25	●38	■55	●55	●55	●55
7.3	■20							■20	●13	●13	●22	■40	■40	■40	■40
7.4	■15							■15	●10	●10		●25	●25	●25	●25
8.1															
8.2															
8.3															
9.1															
10.1															

DORMER

	E099	E080	E620	E621	E054	E513	E010	E011	E012	E013	E564	E059	E515	E517	E020
	M	M	EGM	EGM	MF	MF	MF	MF	MF	MF	MF	UNC	UNC	UNC	UNC
															
	HSS XS1	HSS XS1	HSS	HSS	HSCo	HSS	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSCo	HSCo	HSS	HSS	HSS XS1
	TiN	Dialub			TiAlN		Gold	ST	Gold	ST	TiN	TiAlN		TiN	Gold
	ISO 529	ISO 529	ISO	ISO	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529
	6HX	6HX	6H	6H	6HX	6H	6H	6H	6H	6H	6HX	2B	2B	2B	2B
	3xD	2.5xD	1.5xD	2xD	2xD	1.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2xD	1.5xD	1.5xD	2.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3		B 3.5 - 5	B 3.5 - 5	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3			B 3.5 - 5
	M4 - M16	M2 - M8	M3 - M16	M3 - M16	M8 - M16	M3 - M52	M4 - M24	M4 - M24	M4 - M22	M4 - M22	M4 - M16	1/4 - 3/4	No.1 - 2“	No.5 - 1“	No.2 - 1“
	MTT-X	MTT-X			MTT-X		MTT-X	MTT-X	MTT-X	MTT-X		MTT-X			MTT-X
	425	426	427	427	428	429	432	433	434	435	436	437	438	440	441
1.1	■55		●7			●7	■25	■25	■25	■25	■55		●7	●14	■25
1.2	■50		●6	●18		●6	■22	■22	■22	■22	■50		●6	●12	■22
1.3	■45		●5	●14		●5	■18	■18	■18	■18	■45		●5	●10	■18
1.4	■40		●4	●10		●4	■16	■16	■16	■16	■40		●4	●8	■16
1.5	●20		●3	●5		●3	■10	■10	■10	■10	●20		●3	●6	■10
1.6							●5	●5							●5
1.7															
1.8															
2.1	■18			●6				●7		●7	■18				
2.2	■15			●4				●6		●6	■15				
2.3	●10			●3				●4		●4	●10				
2.4															
3.1			●12		■22	●12	●15	●15				■22	●12	■18	●15
3.2			●7		■18	●7	●8	●8				■18	●7	■12	●8
3.3			●10		■25	●10	●15	●15				■25	●10	■22	●15
3.4			●5		●18	●5	●8	●8				●18	●5	●12	●8
4.1	■35						●10		●10		■35				●10
4.2							●5		●5						●5
4.3															
5.1	■20						●12		●12		■20				●12
5.2	●8			●4			●5		●5		●8				●5
5.3															
6.1	●25	■25	●4			●4	■12				●25		●4		■12
6.2			●10		●30	●10	●30					●30	●10	●20	●30
6.3	●40	■40	●7			●7	■20				●40		●7	●14	■20
6.4			●2		●4	●2						●4	●2	●4	
7.1	●40	■40		●10			■16		■16		●40				■16
7.2	●55	■55	●12	●25		●12	■35		■35		●55		●12	●24	■35
7.3	■40	■40	●7	●13		●7	■20		■20		■40		●7	●14	■20
7.4	●25		●5	●10	●20	●5	■15		■15		●25	●20	●5	●10	■15
8.1							●30		●30						●30
8.2			●5		■15	●5						■15	●5	●10	
8.3			●3			●3							●3	●6	
9.1															
10.1															

	E021	E057	E055	E022	E023	E058	E056	E523	E596	E524	E526	E030	E031	E060	E032
	UNC	UNC	UNC	UNC	UNC	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF
															
	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS XS1	HSS	HSS	HSS	HSS	HSS XS1	HSS XS1	HSS XS1	HSS XS1
	ST	TiAlN	ST	Gold	ST	TiAlN	ST		CrN		TiN	Gold	ST	ST	Gold
	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529
	2B	2B	2B	2B	2B	2B	2B	2BX	2BX	2B	2B	2B	2B	2B	2B
	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2.5xD	2xD	2.5xD	2.5xD	1.5xD	1.5xD	2.5xD	2.5xD	2.5xD	2.5xD
	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3			B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	C 2 - 3
	No.2 - 1“	No.6 - 3/4	No.4 - 3/4	No.2 - 1“	No.2 - 1“	No.6 - 3/4	No.4 - 3/4	No.4 - 3/8	No.4 - 3/8	No.0 - 1.1/2	No.8 - 3/4	No.8 - 1“	No.8 - 1“	No.10 - 3/8	No.8 - 1“
	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X	MTT-X					MTT-X	MTT-X	MTT-X	MTT-X
	442	443	443	444	445	446	446	447	447	448	450	451	451	452	453
1.1	■25	■40		■25	■25	■40		●30	■55	●7	●14	■25	■25		■25
1.2	■22	■40		■22	■22	■40		●27	■50	●6	●12	■22	■22		■22
1.3	■18	■32		■18	■18	■32		●23	■45	●5	●10	■18	■18		■18
1.4	■16	■30		■16	■16	■30		●20	●40	●4	●8	■16	■16		■16
1.5	■10	■17	●10	■10	■10	■17	●10			●3	●6	■10	■10	●10	■10
1.6	●5	●11	●5			●11	●5					●5	●5	●5	●5
1.7															
1.8															
2.1	●7		■8		●7		■8		●18				●7	■8	
2.2	●6		■7		●6		■7		●15				●6	■7	
2.3	●4		■5		●4		■5						●4	■5	
2.4			■5				■5							■5	
3.1	●15									●12	■18	●15	●15		
3.2	●8									●7	■12	●8	●8		
3.3	●15									●10	■22	●15	●15		
3.4	●8									●5	●12	●8	●8		
4.1				●10					■35			●10			●10
4.2		●7		●5		●7						●5			●5
4.3															
5.1				●12					■20			●12			●12
5.2		●8		●5		●8			●8			●5			●5
5.3															
6.1		■18		■12		■18			●25	●4		■12			
6.2		●45		●30		●45				●10	●20	●30			
6.3		■35		■20		■35			●40	●7	●14	■20			
6.4										●2	●4				
7.1				■16				●22	■40			■16			■16
7.2				■35				●38	■55	●12	●24	■35			■35
7.3				■20				●22	■40	●7	●14	■20			■20
7.4				■15					●25	●5	●10	■15			■15
8.1				●30								●30			●30
8.2										●5	●10				
8.3										●3	●6				
9.1															
10.1															

DORMER

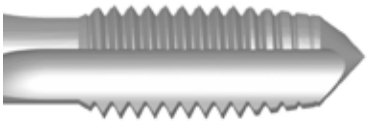
	E033	E095	E530	E597	E570	E531	E534	E533	E536	E539	E538	E542	E545	E544
	UNF	UNF	UNF	UNF	UN	BSW	BSW	BSW	BSF	BSF	BSF	BA	BA	BA
														
	HSS XS1	HSS XS1	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	ST	ST		CrN			ST	ST		ST	ST		ST	ST
	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529
	2B	2B	2BX	2BX	2B	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	NORMAL	NORMAL	NORMAL
	2.5xD	2xD	2.5xD	2.5xD	1.5xD	1.5xD	2.5xD	2xD	1.5xD	2.5xD	2xD	1.5xD	2.5xD	2xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3		B 3.5 - 5	C 2 - 3		B 3.5 - 5	C 2 - 3		B 3.5 - 5	C 2 - 3
	45°	45°						45°			45°			45°
	No.8 - 1"	No.10 - 1/2	No.10 - No.8	No.8 - 7/16	1/4 - 13/16	1/16 - 3/32	1/8 - 9/16	1/8 - 3/4	3/16 - 2"	3/16 - 1"	3/16 - 3/4	No.12 - BA9	No.12 - No.2	No.10 - No.2
	MTT-X	MTT-X												
	454	455	456	457	458	459	460	461	462	463	463	464	465	465
1.1	■25		●30	■55	●7	●7	■20		●22	■20		●7	■20	
1.2	■22		●27	■50	●6	●6	■18	■18	●20	■18	■18	●6	■18	■18
1.3	■18		●23	■45	●5	●5	■14	■14	●16	■14	■14	●5	■14	■14
1.4	■16		●20	●40	●4	●4	■10	■10	●12	■10	■10	●4	■10	■10
1.5	■10	●10			●3	●3	●5	●5	●7	●5	●5	●3	●5	●5
1.6	●5	●5					●3		●4	●3			●3	
1.7														
1.8														
2.1	●7	■8		●18			■6	■6	●7	■6	■6		●6	■6
2.2	●6	■7		●15			■4	■4	●5	■4	■4		●4	■4
2.3	●4	■5					■3	■3	●7	■3	■3		●3	■3
2.4		■5												
3.1					●12	●12			●12			●12		
3.2					●7	●7			●7			●7		
3.3					●10	●10			●10			●10		
3.4					●5	●5			●5			●5		
4.1				■35										
4.2														
4.3							●3			●3			●3	
5.1				■20			●10			●10			●10	
5.2				●8			●4	●4		●4	●4		●4	●4
5.3														
6.1				●25	●4	●4	●10		■12	●10		●4	●10	
6.2					●10	●10			●30			●10		
6.3				●40	●7	●7	●15		●20	●15		●7	●15	
6.4					●2	●2			●4			●2		
7.1			●22	■40			●10	●10		●10	●10		●10	●10
7.2			●38	■55	●12	●12	●25	●25	●35	●25	●25	●12	●25	●25
7.3			●22	■40	●7	●7	●13	●13	●20	●13	●13	●7	●13	●13
7.4				●25	●5	●5	●10	●10	●15	●10	●10	●5	●10	●10
8.1							●20			●20			●20	
8.2					●5	●5			●12			●5		
8.3					●3	●3			●7			●3		
9.1														
10.1														

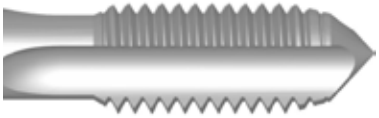
	E416	E282	E119	E284	E040	E041	E362	E283	E042	E043	E547	E562	E550
	G	G	G	G	G	G	G	G	G	G	G	G	Rc
													
	HSCo	HSCo	HSS	HSCo	HSS XS1	HSS XS1	HSCo	HSCo	HSS XS1	HSS XS1	HSS	HSS	HSS
	N				Gold	ST	ST		Gold	ST		TIN	
	DIN 5156	DIN 5156	DIN 5157	DIN 5156	ISO	ISO	DIN 5156	DIN 5156	ISO	ISO	ISO 2284	ISO 2284	ISO 2284
	ISO 5969	ISO 5969	ISO 5969	ISO 5969	NORMAL	NORMAL	ISO 5969	ISO 5969	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
	2xD	1.5xD	1.5xD	2.5xD	2.5xD	2.5xD	2xD	1.5xD	2.5xD	2.5xD	1.5xD	1.5xD	1.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	B 3.5 - 5	B 3.5 - 5	B 3.5 - 5	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3			C 2 - 3
							40°	15°	40°	40°			
	1/8 - 1“	1/8 - 1.1/2	1/8 - 3“	1/8 - 1“	1/8 - 3/4	1/8 - 3/4	1/8 - 1“	1/8 - 1.1/2	1/8 - 3/4	1/8 - 3/4	1/8 - 3“	1/8 - 1“	1/8 - 2“
					MTT-X	MTT-X			MTT-X	MTT-X			
	466	**466**	**467**	**468**	**469**	**469**	**470**	**471**	**472**	**472**	**473**	**474**	**475**
1.1		●12	●	●22	■25	■25			■25	■25	●7	●14	●22
1.2		●10	●	■20	■22	■22		●20	■22	■22	●6	●12	●20
1.3		●8	●	■16	■18	■18		■16	■18	■18	●5	●10	●16
1.4		●6	●	■12	■16	■16		■12	■16	■16	●4	●8	●12
1.5		●5	●	●7	■10	■10	●10	●7	■10	■10	●3	●6	●7
1.6					●5	●5	●5			●5			●4
1.7													
1.8													
2.1						●7	■8			●7			●7
2.2						●6	■7			●6			●5
2.3						●4	■5			●4			●7
2.4													
3.1	■15	●14	●	●12	●15	●15					●12	■18	■12
3.2	■8	●8	●	●7	●8	●8					●7	■12	■7
3.3	■15	●12	●	●10	●15	●15					●10	■22	■10
3.4	●8		●	●5	●8	●8					●5	●12	■5
4.1				●15	●10				●10				
4.2					●5				●5				
4.3				●4									
5.1				●12	●12				●12				
5.2				●5	●5				●5				
5.3													
6.1			●	●12	■12						●4		■12
6.2	●20	●16	●	●30	●30						●10	●20	●30
6.3		●12	●	●20	■20						●7	●14	●20
6.4	●5		●								●2	●4	●4
7.1				●16	■16				■16				
7.2		●20	●	●35	■35			●30	■35		●12	●24	●35
7.3		●12	●	●20	■20			●15	■20		●7	●14	●20
7.4	●15		●	●15	■15				■15		●5	●10	●15
8.1				●25	●30				●30				
8.2	■10	●8	●								●5	●10	●12
8.3			●								●3	●6	●7
9.1													
10.1													

	E735	E736	E714	E710	E721	E711	E712	E709	E720	E708	E243
	NPT	NPT	NPT	NPT	NPT	NPT	NPTF	NPSF	NPSF	NPSM	PG
											
	HSCo	HSCo	HSCo	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	ST	ST			TiN				TiN		
	DIN ANSI	DIN ANSI	ANSI	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI B94.9	ANSI B94.9	DIN 40432
			ANSI B1.20.1	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL	NORMAL
	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD	1.5xD
	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3	C 2 - 3		C 2 - 3		
	1/16 - 1"	1/16 - 1"	1/8 - 1"	1/16 - 3"	1/8 - 1"	1/8 - 1.1/2	1/16 - 1.1/4	1/8 - 3/4	1/8 - 3/4	1/8 - 1"	Pg7 - Pg36
	NEW 2008.09	NEW 2008.09									
	476	**476**	**477**	**478**	**478**	**479**	**480**	**481**	**481**	**482**	**483**
1.1		●6	●4	●4	●4	●4	●4	●4	●4	●4	●12
1.2		■6	●4	●4	●4	●4	●4	●4	●4	●4	●10
1.3		●7	■6	●6	■6	■6	■6	■6	■6	■6	●8
1.4	■6	■6	■5	●5	■5	■5	■5	■5	■5	■5	●6
1.5	■4		●3	●3	●3	●3	●3	●3	●3	●3	●5
1.6	■3										
1.7											
1.8											
2.1		■4									
2.2		■3									
2.3		■3									
2.4	■3										
3.1	■9		●6	●6	■6	●6	●6	●6	■6	●6	●14
3.2	■4		●4	●4	■4	●4	●4	●4	■4	●4	●8
3.3		●7	●6	●6	■6	●6	●6	●6	■6	●6	●12
3.4		●4	●4	●4	■4	●4	●4	●4	■4	●4	
4.1		■6									
4.2	■3										
4.3	■3										
5.1		■6									
5.2	■3										
5.3	■3										
6.1		■9									
6.2	■15		●11	●11	●11	●11	●11	●11	●11	●11	●16
6.3	●11										●12
6.4	■4										
7.1		●11									
7.2		●14									●20
7.3	●16	●16	●11	●11	●11	●11	●11	●11	●11	●11	●12
7.4	●12		●7	●7	●7	●7	●7	●7	●7	●7	
8.1			●4	●4	●4	●4	●4	●4	●4	●4	
8.2											●8
8.3											
9.1											
10.1											

NO1 ↔ NO9

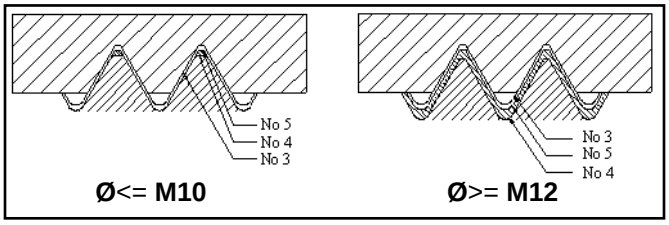
NO1 =  6-8 x P 

NO2 =  4-6 x P 

NO3 =  2-3 x P 

NO4 =  3-5 x P

NO5 =  2-3 x P



NO6 = NO1 + NO2 + NO3

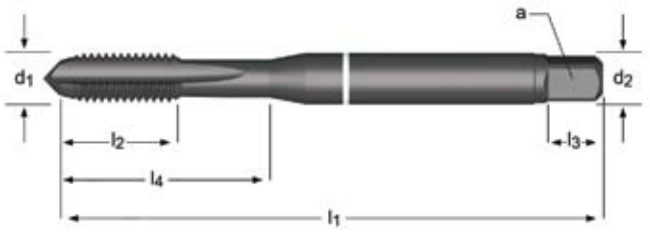
NO7 = NO2 + NO3

NO8 = NO4 + NO5 + NO3

NO9 = NO5 + NO3

E201 / E252

- Strojní závitníky, bílý Shark
- Gépi Menetfúró, Fehér Shark
- Gwintowniki maszynowe,Bialy Shark
- Tarozi de masina, Shark ALB
- Машинные метчики “White Shark” для чугунов
- strojni navojni sveder, White Shark



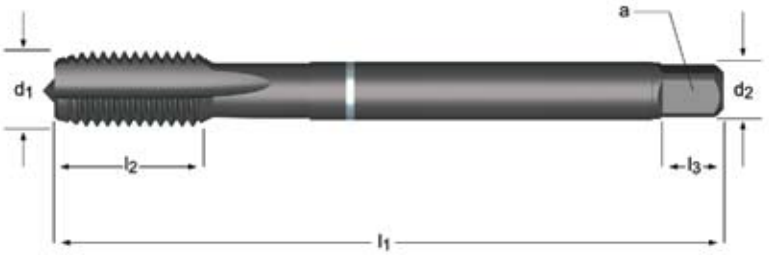
L300
391

E201

M | HSCo XP | N | DIN 371 | 6HX | 2xD | C 2 - 3

■ 3.1 3.2 3.3 8.2
● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E201M3**
4	0.70	63	12	4.5	3.4	6	4	3.3	21	**E201M4**
5	0.80	70	13	6.0	4.9	8	4	4.2	25	**E201M5**
6	1.00	80	15	6.0	4.9	8	4	5	30	**E201M6**
8	1.25	90	18	8.0	6.2	9	4	6.8	35	**E201M8**
10	1.50	100	20	10.0	8.0	11	4	8.5	39	**E201M10**



E252

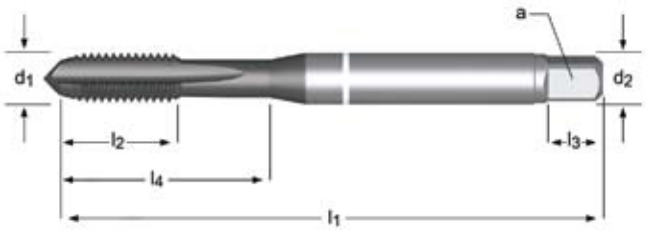
M | HSCo XP | N | DIN 376 | 6HX | 2xD | C 2 - 3

■ 3.1 3.2 3.3 8.2
● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
8	1.25	90	18	6	4.9	8	4	6.8	**E252M8**
10	1.50	100	20	7	5.5	8	4	8.5	**E252M10**
12	1.75	110	23	9	7.0	10	4	10.3	**E252M12**
14	2.00	110	25	11	9.0	12	4	12	**E252M14**
16	2.00	110	25	12	9.0	12	4	14	**E252M16**
18	2.50	125	30	14	11.0	14	4	15.5	**E252M18**
20	2.50	140	30	16	12.0	15	4	17.5	**E252M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E252M22**
24	3.00	160	38	18	14.5	17	4	21	**E252M24**

E446 / E447

- Strojní závitníky, bílý Shark
- Gépi Menetfúró, Fehér Shark
- Gwintowniki maszynowe,Bialy Shark
- Tarozi de masina, Shark ALB
- Машинные метчики “White Shark” для чугунов
- strojni navojni sveder, White Shark



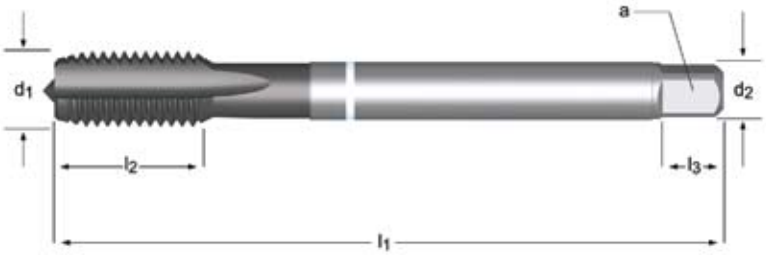
E446

M | HSCo XP | TiAlN | DIN 371 | 6HX | 2xD | C 2 - 3

■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E446M3**
4	0.70	63	12	4.5	3.4	6	4	3.3	21	**E446M4**
5	0.80	70	13	6.0	4.9	8	4	4.2	25	**E446M5**
6	1.00	80	15	6.0	4.9	8	4	5	30	**E446M6**
8	1.25	90	18	8.0	6.2	9	4	6.8	35	**E446M8**
10	1.50	100	20	10.0	8.0	11	4	8.5	39	**E446M10**



E447

M | HSCo XP | TiAlN | DIN 376 | 6HX | 2xD | C 2 - 3

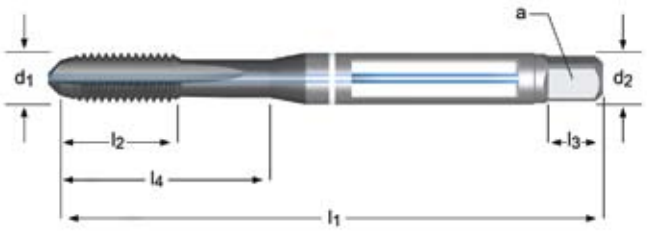
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
8	1.25	90	18	6	4.9	8	4	6.8	**E447M8**
10	1.50	100	20	7	5.5	8	4	8.5	**E447M10**
12	1.75	110	23	9	7.0	10	4	10.3	**E447M12**
14	2.00	110	25	11	9.0	12	4	12	**E447M14**
16	2.00	110	25	12	9.0	12	4	14	**E447M16**
18	2.50	125	30	14	11.0	14	4	15.5	**E447M18**
20	2.50	140	30	16	12.0	15	4	17.5	**E447M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E447M22**
24	3.00	160	38	18	14.5	17	4	21	**E447M24**

E462 / E463

- Strojní závitníky, bílý Shark
- Gépi Menetfúró, Fehér Shark
- Gwintowniki maszynowe,Bialy Shark
- Tarozi de masina, Shark ALB
- Машинные метчики “White Shark” для чугунов
- strojni navojni sveder, White Shark



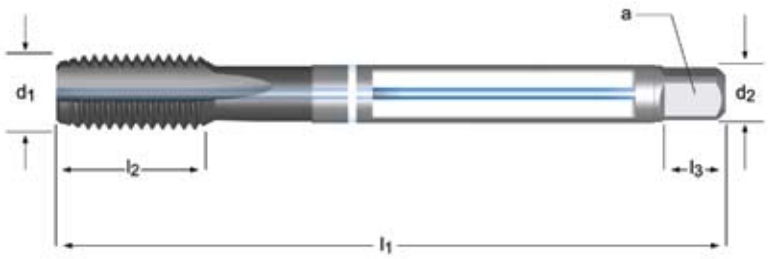
E462

M | HSCo XP | TiAlN | DIN 371 | 6HX | 2.5xD | C 2 - 3

■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	1.00	80	15	6.0	4.9	8	4	5	30	**E462M6**
8	1.25	90	18	8.0	6.2	9	4	6.8	35	**E462M8**
10	1.50	100	20	10.0	8.0	11	4	8.5	39	**E462M10**



E463

M | HSCo XP | TiAlN | DIN 376 | 6HX | 2.5xD | C 2 - 3

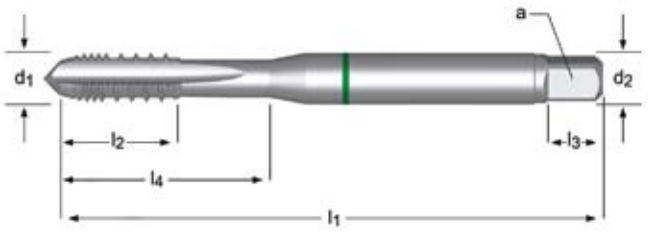
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9.0	7.0	10	4	10.3	**E463M12**
14	2.00	110	25	11.0	9.0	12	4	12	**E463M14**
16	2.00	110	25	12.0	9.0	12	4	14	**E463M16**
20	2.50	140	30	16.0	12.0	15	4	17.5	**E463M20**

E352 / E353

- Strojní závitníky, zelený Shark
- Tarozi de masina, Shark VERDE
- Gépi Menetfúró, Zöld Shark
- Машинные метчики “Green Shark” для цветных металлов
- Gwintowniki maszynowe,Zielony Shark, z przerywanym nakrojem
- strojni navojni sveder, Green Shark



SHARK LINE

L300
391

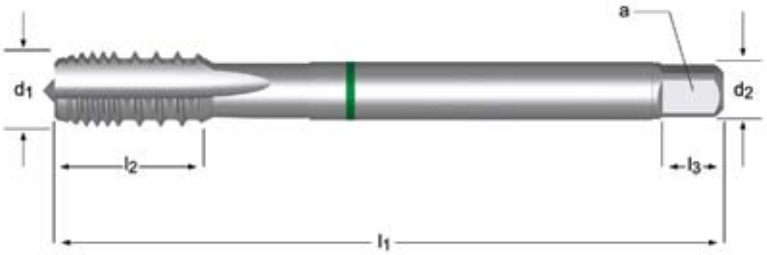
E352

M | HSCo XP | DIN 371 | 6H | 2xD | C 2 - 3

■ 7.2 7.3 7.4

● 1.1 1.2 1.3 6.3 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E352M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E352M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E352M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E352M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E352M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E352M10**



SHARK LINE

E353

M | HSCo XP | DIN 376 | 6H | 2xD | C 2 - 3

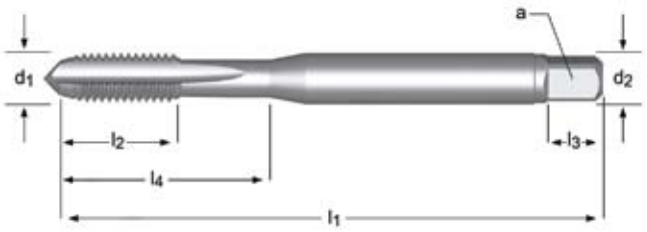
■ 7.2 7.3 7.4

● 1.1 1.2 1.3 6.3 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E353M12**
14	2.00	110	25	11	9	12	4	12	**E353M14**
16	2.00	110	25	12	9	12	4	14	**E353M16**

E200

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E200

M | HSCo | DIN 371 | 6H | 1.5xD | A 6-8 C 2-3

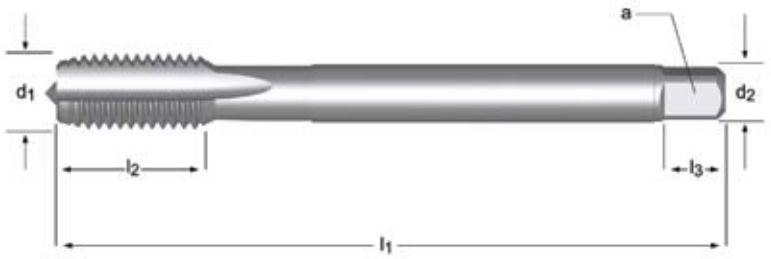
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	45	6	2.8	2.1	5	3	1.6	9	**E200M2**
2.2	0.45	45	7	2.8	2.1	5	3	1.75	12	**E200M2.2**
2.5	0.45	50	8	2.8	2.1	5	3	2.05	12.5	**E200M2.5**
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E200M3**
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E200M3NO1**
3.5	0.60	56	11	4.0	3.0	6	3	2.9	20	**E200M3.5**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E200M4**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E200M4NO1**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E200M5**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E200M5NO1**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E200M6**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E200M6NO1**
7	1.00	80	15	7.0	5.5	8	3	6	30	**E200M7**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E200M8**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E200M8NO1**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E200M10**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E200M10NO1**

NO1 NO9 299

E250

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E250

M | HSCo | DIN 376 | 6H | 1.5xD | A 6-8 C 2-3

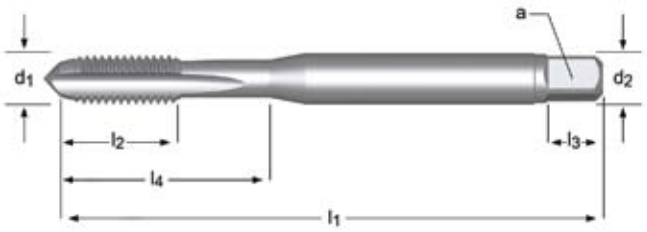
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
3	0.50	56	10	2.2	-	-	3	2.5	**E250M3**
3	0.50	56	10	2.2	-	-	3	2.5	**E250M3NO1**
3.5	0.60	56	11	2.5	2.1	5	3	2.9	**E250M3.5**
4	0.70	63	12	2.8	2.1	5	3	3.3	**E250M4**
4	0.70	63	12	2.8	2.1	5	3	3.3	**E250M4NO1**
5	0.80	70	13	3.5	2.7	6	3	4.2	**E250M5**
5	0.80	70	13	3.5	2.7	6	3	4.2	**E250M5NO1**
6	1.00	80	15	4.5	3.4	6	3	5	**E250M6**
6	1.00	80	15	4.5	3.4	6	3	5	**E250M6NO1**
7	1.00	80	15	5.5	4.3	7	3	6	**E250M7**
8	1.25	90	18	6.0	4.9	8	3	6.8	**E250M8**
8	1.25	90	18	6.0	4.9	8	3	6.8	**E250M8NO1**
10	1.50	100	20	7.0	5.5	8	3	8.5	**E250M10**
10	1.50	100	20	7.0	5.5	8	3	8.5	**E250M10NO1**
12	1.75	110	23	9.0	7.0	10	3	10.3	**E250M12**
12	1.75	110	23	9.0	7.0	10	3	10.3	**E250M12NO1**
14	2.00	110	25	11.0	9.0	12	3	12	**E250M14**
14	2.00	110	25	11.0	9.0	12	3	12	**E250M14NO1**
16	2.00	110	25	12.0	9.0	12	3	14	**E250M16**
16	2.00	110	25	12.0	9.0	12	3	14	**E250M16NO1**
18	2.50	125	30	14.0	11.0	14	3	15.5	**E250M18**
18	2.50	125	30	14.0	11.0	14	3	15.5	**E250M18NO1**
20	2.50	140	30	16.0	12.0	15	3	17.5	**E250M20**
20	2.50	140	30	16.0	12.0	15	3	17.5	**E250M20NO1**
22	2.50	140	34	18.0	14.5	17	4	19.5	**E250M22**
22	2.50	140	34	18.0	14.5	17	4	19.5	**E250M22NO1**
24	3.00	160	38	18.0	14.5	17	4	21	**E250M24**
27	3.00	160	38	20.0	16.0	19	4	24	**E250M27**
30	3.50	180	45	22.0	18.0	21	4	26.5	**E250M30**
33	3.50	180	50	25.0	20.0	23	4	29.5	**E250M33**
36	4.00	200	55	28.0	22.0	25	4	32	**E250M36**
39	4.00	200	60	32.0	24.0	27	4	35	**E250M39**
42	4.50	200	60	32.0	24.0	27	4	37.5	**E250M42**
45	4.50	220	65	36.0	29.0	32	6	40.5	**E250M45**
48	5.00	250	70	36.0	29.0	32	6	43	**E250M48**
52	5.00	250	70	40.0	32.0	35	6	47	**E250M52**

NO1 NO9 299

E237 / E251

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

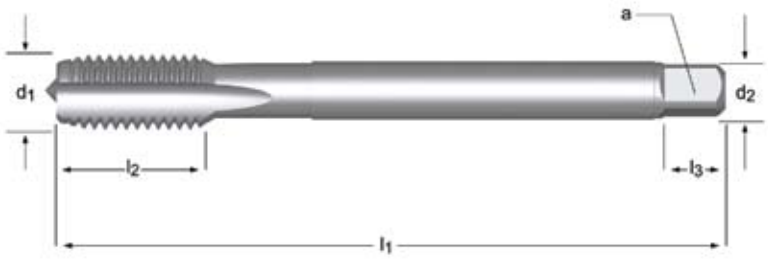


E237

M | HSCo | DIN 371 | 6H | 1.5xD | C 2 - 3

- 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E237M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E237M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E237M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E237M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E237M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E237M10**



E251

M | HSCo | DIN 376 | 6H | 1.5xD | C 2 - 3

- 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	4	10.3	**E251M12**
14	2.00	110	25	11	9.0	12	4	12	**E251M14**
16	2.00	110	25	12	9.0	12	4	14	**E251M16**
18	2.50	125	30	14	11.0	14	4	15.5	**E251M18**
20	2.50	140	30	16	12.0	15	4	17.5	**E251M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E251M22**
24	3.00	160	38	18	14.5	17	4	21	**E251M24**

E303

- Strojní závitníky
- Gépi menetfúró (Anyamenetfúró)
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E303

M | HSCo | DIN 357 | 6H | 2xD | D 18-20 C 2-3

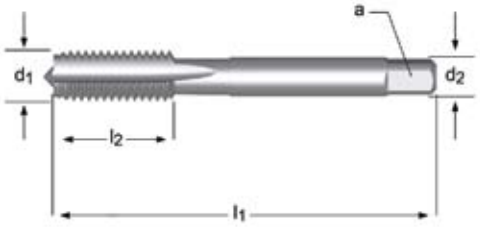
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
3	0.50	70	22	2.2	-	-	3	2.5	**E303M3NO1**
3	0.50	70	22	2.2	-	-	3	2.5	**E303M3NO3**
3.5	0.60	80	25	2.5	2.1	5	3	2.9	**E303M3.5NO1**
3.5	0.60	80	25	2.5	2.1	5	3	2.9	**E303M3.5NO3**
4	0.70	90	25	2.8	2.1	5	3	3.3	**E303M4NO1**
4	0.70	90	25	2.8	2.1	5	3	3.3	**E303M4NO3**
5	0.80	100	28	3.5	2.7	6	3	4.2	**E303M5NO1**
5	0.80	100	28	3.5	2.7	6	3	4.2	**E303M5NO3**
6	1.00	110	32	4.5	3.4	6	3	5	**E303M6NO1**
6	1.00	110	32	4.5	3.4	6	3	5	**E303M6NO3**
8	1.25	125	40	6.0	4.9	8	3	6.8	**E303M8NO1**
8	1.25	125	40	6.0	4.9	8	3	6.8	**E303M8NO3**
10	1.50	140	45	7.0	5.5	8	3	8.5	**E303M10NO1**
10	1.50	140	45	7.0	5.5	8	3	8.5	**E303M10NO3**
12	1.75	180	50	9.0	7.0	10	3	10.3	**E303M12NO1**
12	1.75	180	50	9.0	7.0	10	3	10.3	**E303M12NO3**
14	2.00	200	56	11.0	9.0	12	3	12	**E303M14NO1**
14	2.00	200	56	11.0	9.0	12	3	12	**E303M14NO3**
16	2.00	200	63	12.0	9.0	12	3	14	**E303M16NO1**
16	2.00	200	63	12.0	9.0	12	3	14	**E303M16NO3**
18	2.50	220	63	14.0	11.0	14	3	15.5	**E303M18NO1**
18	2.50	220	63	14.0	11.0	14	3	15.5	**E303M18NO3**
20	2.50	250	70	16.0	12.0	15	3	17.5	**E303M20NO1**
20	2.50	250	70	16.0	12.0	15	3	17.5	**E303M20NO3**

NO1 ↓ NO9 299

E100

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



L119
392

E100

M | HSS | DIN 352 | 6H | 1.5xD | C 2 - 3

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
1.6	0.35	32	7	2.5	2.1	3	1.25	**E100M1.6NO3**
1.6	0.35	32	7	2.5	2.1	3	1.25	**E100M1.6NO4**
1.6	0.35	32	7	2.5	2.1	3	1.25	**E100M1.6NO5**
1.6	0.35	32	7	2.5	2.1	3	1.25	**E100M1.6NO8**
1.8	0.35	32	7	2.5	2.1	3	1.5	**E100M1.8NO3**
1.8	0.35	32	7	2.5	2.1	3	1.5	**E100M1.8NO4**
1.8	0.35	32	7	2.5	2.1	3	1.5	**E100M1.8NO5**
1.8	0.35	32	7	2.5	2.1	3	1.5	**E100M1.8NO8**
2	0.40	36	8	2.8	2.1	3	1.6	**E100M2NO3**
2	0.40	36	8	2.8	2.1	3	1.6	**E100M2NO4**
2	0.40	36	8	2.8	2.1	3	1.6	**E100M2NO5**
2	0.40	36	8	2.8	2.1	3	1.6	**E100M2NO8**
2.2	0.45	36	9	2.8	2.1	3	1.75	**E100M2.2NO3**
2.2	0.45	36	9	2.8	2.1	3	1.75	**E100M2.2NO4**
2.2	0.45	36	9	2.8	2.1	3	1.75	**E100M2.2NO5**
2.2	0.45	36	9	2.8	2.1	3	1.75	**E100M2.2NO8**
2.5	0.45	40	9	2.8	2.1	3	2.05	**E100M2.5NO3**
2.5	0.45	40	9	2.8	2.1	3	2.05	**E100M2.5NO4**
2.5	0.45	40	9	2.8	2.1	3	2.05	**E100M2.5NO5**
2.5	0.45	40	9	2.8	2.1	3	2.05	**E100M2.5NO8**
3	0.50	40	10	3.5	2.7	3	2.5	**E100M3NO3**
3	0.50	40	10	3.5	2.7	3	2.5	**E100M3NO4**
3	0.50	40	10	3.5	2.7	3	2.5	**E100M3NO5**
3	0.50	40	10	3.5	2.7	3	2.5	**E100M3NO8**
3.5	0.60	45	10	4.0	3.0	3	2.9	**E100M3.5NO3**
3.5	0.60	45	10	4.0	3.0	3	2.9	**E100M3.5NO4**
3.5	0.60	45	10	4.0	3.0	3	2.9	**E100M3.5NO5**
3.5	0.60	45	10	4.0	3.0	3	2.9	**E100M3.5NO8**
4	0.70	45	12	4.5	3.4	3	3.3	**E100M4NO3**
4	0.70	45	12	4.5	3.4	3	3.3	**E100M4NO4**
4	0.70	45	12	4.5	3.4	3	3.3	**E100M4NO5**
4	0.70	45	12	4.5	3.4	3	3.3	**E100M4NO8**
4.5	0.75	50	14	6.0	4.9	3	3.8	**E100M4.5NO3**
4.5	0.75	50	14	6.0	4.9	3	3.8	**E100M4.5NO4**
4.5	0.75	50	14	6.0	4.9	3	3.8	**E100M4.5NO5**
4.5	0.75	50	14	6.0	4.9	3	3.8	**E100M4.5NO8**
5	0.80	50	14	6.0	4.9	3	4.2	**E100M5NO3**
5	0.80	50	14	6.0	4.9	3	4.2	**E100M5NO4**
5	0.80	50	14	6.0	4.9	3	4.2	**E100M5NO5**
5	0.80	50	14	6.0	4.9	3	4.2	**E100M5NO8**
6	1.00	56	16	6.0	4.9	3	5	**E100M6NO3**
6	1.00	56	16	6.0	4.9	3	5	**E100M6NO4**
6	1.00	56	16	6.0	4.9	3	5	**E100M6NO5**
6	1.00	56	16	6.0	4.9	3	5	**E100M6NO8**
7	1.00	56	16	6.0	4.9	3	6	**E100M7NO3**
7	1.00	56	16	6.0	4.9	3	6	**E100M7NO4**

NO1 | NO9
299

E100

DORMER

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
7	1.00	56	16	6.0	4.9	3	6	**E100M7NO5**
7	1.00	56	16	6.0	4.9	3	6	**E100M7NO8**
8	1.25	63	19	6.0	4.9	3	6.8	**E100M8NO3**
8	1.25	63	19	6.0	4.9	3	6.8	**E100M8NO4**
8	1.25	63	19	6.0	4.9	3	6.8	**E100M8NO5**
8	1.25	63	19	6.0	4.9	3	6.8	**E100M8NO8**
9	1.25	63	20	7.0	5.5	3	7.8	**E100M9NO3**
9	1.25	63	20	7.0	5.5	3	7.8	**E100M9NO4**
9	1.25	63	20	7.0	5.5	3	7.8	**E100M9NO5**
9	1.25	63	20	7.0	5.5	3	7.8	**E100M9NO8**
10	1.50	70	22	7.0	5.5	3	8.5	**E100M10NO3**
10	1.50	70	22	7.0	5.5	3	8.5	**E100M10NO4**
10	1.50	70	22	7.0	5.5	3	8.5	**E100M10NO5**
10	1.50	70	22	7.0	5.5	3	8.5	**E100M10NO8**
11	1.50	70	20	8.0	6.2	3	9.5	**E100M11NO3**
11	1.50	70	20	8.0	6.2	3	9.5	**E100M11NO4**
11	1.50	70	20	8.0	6.2	3	9.5	**E100M11NO5**
11	1.50	70	20	8.0	6.2	3	9.5	**E100M11NO8**
12	1.75	75	25	9.0	7.0	4	10.3	**E100M12NO3**
12	1.75	75	25	9.0	7.0	4	10.3	**E100M12NO4**
12	1.75	75	25	9.0	7.0	4	10.3	**E100M12NO5**
12	1.75	75	25	9.0	7.0	4	10.3	**E100M12NO8**
14	2.00	80	25	11.0	9.0	4	12	**E100M14NO3**
14	2.00	80	25	11.0	9.0	4	12	**E100M14NO4**
14	2.00	80	25	11.0	9.0	4	12	**E100M14NO5**
14	2.00	80	25	11.0	9.0	4	12	**E100M14NO8**
16	2.00	80	25	12.0	9.0	4	14	**E100M16NO3**
16	2.00	80	25	12.0	9.0	4	14	**E100M16NO4**
16	2.00	80	25	12.0	9.0	4	14	**E100M16NO5**
16	2.00	80	25	12.0	9.0	4	14	**E100M16NO8**
18	2.50	95	32	14.0	11.0	4	15.5	**E100M18NO3**
18	2.50	95	32	14.0	11.0	4	15.5	**E100M18NO4**
18	2.50	95	32	14.0	11.0	4	15.5	**E100M18NO5**
18	2.50	95	32	14.0	11.0	4	15.5	**E100M18NO8**
20	2.50	95	32	16.0	12.0	4	17.5	**E100M20NO3**
20	2.50	95	32	16.0	12.0	4	17.5	**E100M20NO4**
20	2.50	95	32	16.0	12.0	4	17.5	**E100M20NO5**
20	2.50	95	32	16.0	12.0	4	17.5	**E100M20NO8**
22	2.50	100	34	18.0	14.5	4	19.5	**E100M22NO3**
22	2.50	100	34	18.0	14.5	4	19.5	**E100M22NO4**
22	2.50	100	34	18.0	14.5	4	19.5	**E100M22NO5**
22	2.50	100	34	18.0	14.5	4	19.5	**E100M22NO8**
24	3.00	110	38	18.0	14.5	4	21	**E100M24NO3**
24	3.00	110	38	18.0	14.5	4	21	**E100M24NO4**
24	3.00	110	38	18.0	14.5	4	21	**E100M24NO5**
24	3.00	110	38	18.0	14.5	4	21	**E100M24NO8**
27	3.00	110	38	20.0	16.0	4	24	**E100M27NO3**
27	3.00	110	38	20.0	16.0	4	24	**E100M27NO4**
27	3.00	110	38	20.0	16.0	4	24	**E100M27NO5**
27	3.00	110	38	20.0	16.0	4	24	**E100M27NO8**
30	3.50	125	45	22.0	18.0	4	26.5	**E100M30NO3**
30	3.50	125	45	22.0	18.0	4	26.5	**E100M30NO4**
30	3.50	125	45	22.0	18.0	4	26.5	**E100M30NO5**
30	3.50	125	45	22.0	18.0	4	26.5	**E100M30NO8**
33	3.50	125	50	25.0	20.0	4	29.5	**E100M33NO3**
33	3.50	125	50	25.0	20.0	4	29.5	**E100M33NO4**
33	3.50	125	50	25.0	20.0	4	29.5	**E100M33NO5**
33	3.50	125	50	25.0	20.0	4	29.5	**E100M33NO8**
36	4.00	150	56	28.0	22.0	4	32	**E100M36NO3**
36	4.00	150	56	28.0	22.0	4	32	**E100M36NO4**
36	4.00	150	56	28.0	22.0	4	32	**E100M36NO5**
36	4.00	150	56	28.0	22.0	4	32	**E100M36NO8**
39	4.00	150	60	32.0	24.0	4	35	**E100M39NO3**
39	4.00	150	60	32.0	24.0	4	35	**E100M39NO4**
39	4.00	150	60	32.0	24.0	4	35	**E100M39NO5**
39	4.00	150	60	32.0	24.0	4	35	**E100M39NO8**
42	4.50	150	60	32.0	24.0	4	37.5	**E100M42NO3**
42	4.50	150	60	32.0	24.0	4	37.5	**E100M42NO4**
42	4.50	150	60	32.0	24.0	4	37.5	**E100M42NO5**
42	4.50	150	60	32.0	24.0	4	37.5	**E100M42NO8**

NO1 – NO8 299

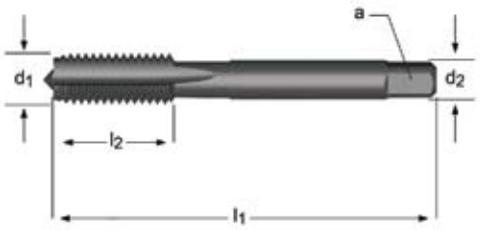
E100

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z	↔	e-Code
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO3**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO4**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO5**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO8**
48	5.00	180	70	36.0	29.0	6	43	**E100M48NO3**
48	5.00	180	70	36.0	29.0	6	43	**E100M48NO4**
48	5.00	180	70	36.0	29.0	6	43	**E100M48NO5**
48	5.00	180	70	36.0	29.0	6	43	**E100M48NO8**
52	5.00	180	70	40.0	32.0	6	47	**E100M52NO3**
52	5.00	180	70	40.0	32.0	6	47	**E100M52NO4**
52	5.00	180	70	40.0	32.0	6	47	**E100M52NO5**
52	5.00	180	70	40.0	32.0	6	47	**E100M52NO8**

NO1 | NO8 299

E102

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E102

M | HSCo | ST | DIN 352 | 6HX | 1.5xD | C 2 - 3

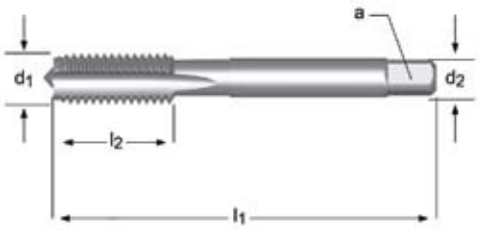
1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
3	0.50	40	9	3.5	2.7	3	2.5	**E102M3NO8**
4	0.70	45	11	4.5	3.4	3	3.3	**E102M4NO8**
5	0.80	50	13	6.0	4.9	3	4.2	**E102M5NO8**
6	1.00	56	15	6.0	4.9	3	5	**E102M6NO8**
8	1.25	63	19	6.0	4.9	3	6.8	**E102M8NO8**
10	1.50	70	22	7.0	5.5	4	8.5	**E102M10NO8**
12	1.75	75	25	9.0	7.0	4	10.3	**E102M12NO8**
14	2.00	80	25	11.0	9.0	4	12	**E102M14NO8**
16	2.00	80	25	12.0	9.0	4	14	**E102M16NO8**
18	2.50	95	32	14.0	11.0	4	15.5	**E102M18NO8**
20	2.50	95	32	16.0	12.0	4	17.5	**E102M20NO8**
24	3.00	110	38	18.0	14.5	4	21	**E102M24NO8**
27	3.00	110	38	20.0	16.0	4	24	**E102M27NO8**
30	3.50	125	45	22.0	18.0	4	26.5	**E102M30NO8**

NO1 | NO8 299

E101

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E101

M | HSS | DIN 352 | 6H | 1.5xD | C 2 - 3

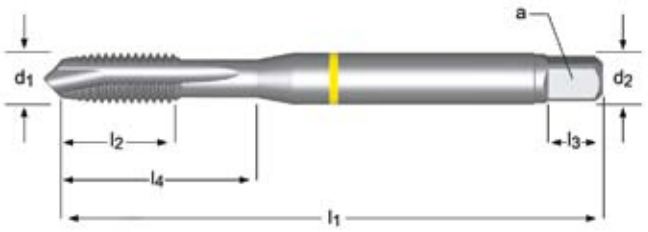
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
4	0.70	45	12	4.5	3.4	3	3.3	**E101M4NO3**
4	0.70	45	12	4.5	3.4	3	3.3	**E101M4NO8**
5	0.80	50	14	6.0	4.9	3	4.2	**E101M5NO3**
5	0.80	50	14	6.0	4.9	3	4.2	**E101M5NO8**
6	1.00	56	16	6.0	4.9	3	5	**E101M6NO3**
6	1.00	56	16	6.0	4.9	3	5	**E101M6NO8**
8	1.25	63	19	6.0	4.9	3	6.8	**E101M8NO3**
8	1.25	63	19	6.0	4.9	3	6.8	**E101M8NO8**
10	1.50	70	22	7.0	5.5	3	8.5	**E101M10NO3**
10	1.50	70	22	7.0	5.5	3	8.5	**E101M10NO8**
12	1.75	75	25	9.0	7.0	4	10.3	**E101M12NO3**
12	1.75	75	25	9.0	7.0	4	10.3	**E101M12NO8**
14	2.00	80	25	11.0	9.0	4	12	**E101M14NO3**
14	2.00	80	25	11.0	9.0	4	12	**E101M14NO8**
16	2.00	80	25	12.0	9.0	4	14	**E101M16NO3**
16	2.00	80	25	12.0	9.0	4	14	**E101M16NO8**

NO1 | NO8 299

E348 / E349

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



SHARK LINE

L300
391

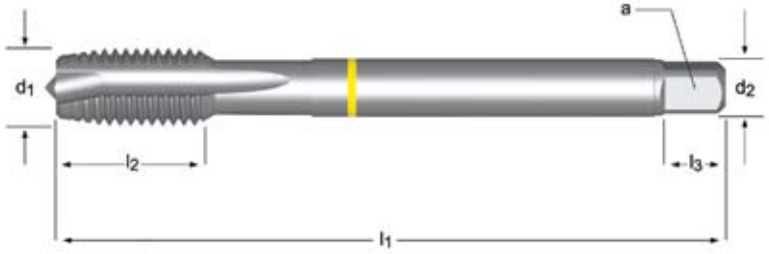
E348

M | HSCo | Cr | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E348M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E348M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E348M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E348M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E348M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E348M10**



SHARK LINE

E349

M | HSCo | Cr | DIN 376 | 6H | 2.5xD | B 3.5 - 5

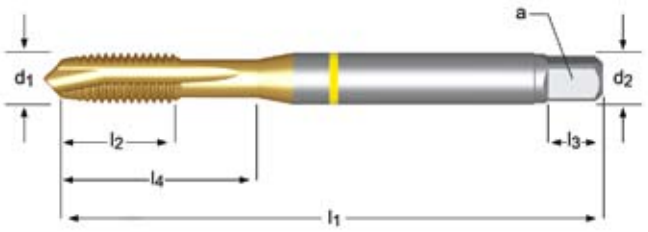
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E349M12**
14	2.00	110	25	11	9	12	3	12	**E349M14**
16	2.00	110	25	12	9	12	3	14	**E349M16**
18	2.50	125	30	14	11	14	3	15.5	**E349M18**
20	2.50	140	30	16	12	15	3	17.5	**E349M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E349M22**
24	3.00	160	38	18	14.5	17	4	21	**E349M24**
27	3.00	160	38	20	16	19	4	24	**E349M27**
30	3.50	180	45	22	18	21	4	26.5	**E349M30**

E206 / E257

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



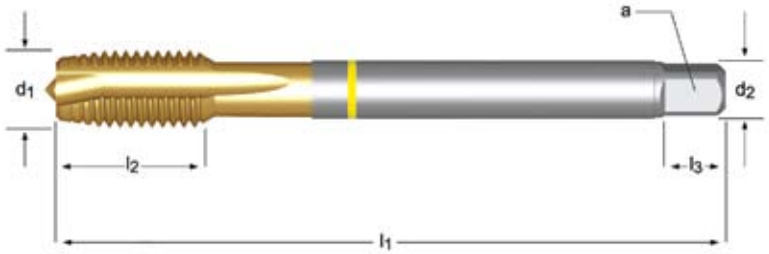
E206

M | HSCo | TiN | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E206M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E206M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E206M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E206M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E206M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E206M10**



E257

M | HSCo | TiN | DIN 376 | 6H | 2.5xD | B 3.5 - 5

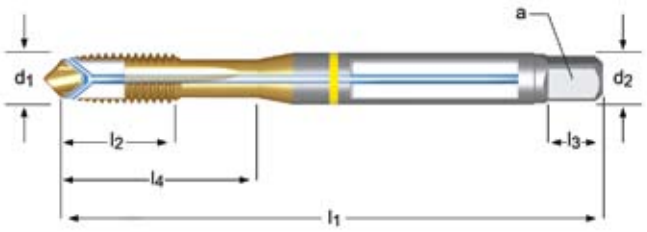
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
4	0.70	63	13	2.8	2.1	5	3	3.3	**E257M4**
5	0.80	70	13	3.5	2.7	6	3	4.2	**E257M5**
6	1.00	80	15	4.5	3.4	6	3	5	**E257M6**
8	1.25	90	18	6.0	4.9	8	3	6.8	**E257M8**
10	1.50	100	20	7.0	5.5	8	3	8.5	**E257M10**
12	1.75	110	23	9.0	7.0	10	3	10.3	**E257M12**
14	2.00	110	25	11.0	9.0	12	3	12	**E257M14**
16	2.00	110	30	12.0	9.0	12	3	14	**E257M16**
18	2.50	125	30	14.0	11.0	14	3	15.5	**E257M18**
20	2.50	140	34	16.0	12.0	15	3	17.5	**E257M20**
22	2.50	140	34	18.0	14.5	17	4	19.5	**E257M22**
24	3.00	160	38	18.0	14.5	17	4	21	**E257M24**
27	3.00	160	38	20.0	16.0	19	4	24	**E257M27**
30	3.50	180	45	22.0	18.0	21	4	26.5	**E257M30**

E375 / E376

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



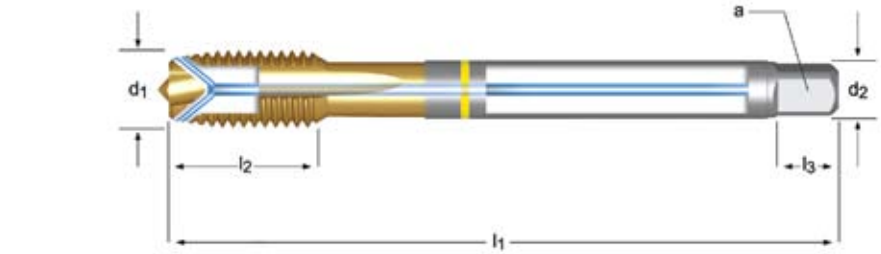
E375

M | HSCo XP | TiN | DIN 371 | 6H | 3xD | B 3.5 - 5

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	1.00	80	15	6.0	4.9	8	3	5	30	**E375M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E375M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E375M10**



E376

M | HSCo XP | TiN | DIN 376 | 6H | 3xD | B 3.5 - 5

■ 1.1 1.2 1.3 6.1 6.3

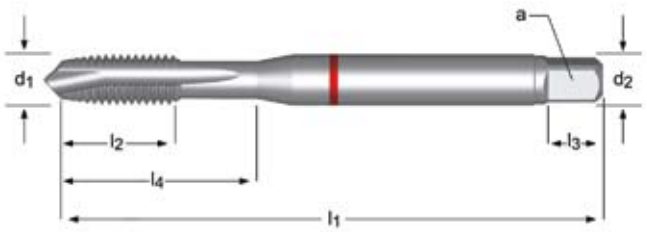
● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9.0	7.0	10	3	10.3	**E376M12**
14	2.00	110	25	11.0	9.0	12	3	12	**E376M14**
16	2.00	110	25	12.0	9.0	12	3	14	**E376M16**
20	2.50	140	30	16.0	12.0	15	3	17.5	**E376M20**

E395

- Strojní závitníky, červený Shark
- Tarozi de masina, Shark ROSU
- Gépi Menetfúró, Piros Shark
- Машинные метчики “Red Shark” для углеродистых и легированных сталей
- Gwintowniki maszynowe,Czerwony Shark
- strojni navojni sveder, Red Shark

NEW
2009.02



E395

M | HSCo XP | DIN 371≤10 376≥12 | 6H | 2.5xD | B 3.5 - 5

■ 1.4

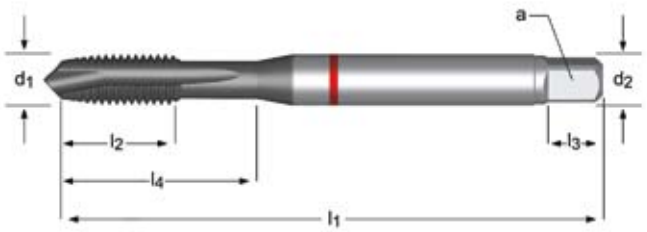
● 1.5 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E395M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E395M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E395M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E395M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E395M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E395M10**
12	1.75	110	23	9.0	7.0	10	3	10.3		**E395M12**
14	2.00	110	25	11.0	9.0	12	3	12		**E395M14**
16	2.00	110	25	12.0	9.0	12	3	14		**E395M16**
18	2.50	125	30	14.0	11.0	14	4	15.5		**E395M18**
20	2.50	140	30	16.0	12.0	15	4	17.5		**E395M20**

E396

- Strojní závitníky, červený Shark
- Tarozi de masina, Shark ROSU
- Gépi Menetfúró, Piros Shark
- Машинные метчики “Red Shark” для углеродистых и легированных сталей
- Gwintowniki maszynowe,Czerwony Shark
- strojni navojni sveder, Red Shark

NEW
2009.02



E396

M | HSCo XP | TiAlN Top | DIN 371≤10 376≥12 | 6H | 2.5xD | B 3.5 - 5

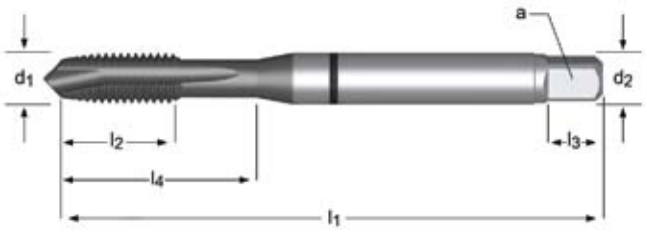
■ 1.4 1.5

● 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E396M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E396M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E396M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E396M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E396M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E396M10**
12	1.75	110	23	9.0	7.0	10	3	10.3		**E396M12**
14	2.00	110	25	11.0	9.0	12	3	12		**E396M14**
16	2.00	110	25	12.0	9.0	12	3	14		**E396M16**
18	2.50	125	30	14.0	11.0	14	4	15.5		**E396M18**
20	2.50	140	30	16.0	12.0	15	4	17.5		**E396M20**

E324 / E326

- Strojní závitníky, černý Shark
- Gépi Menetfúró, Fekete Shark
- Gwintowniki maszynowe,Czarny Shark
- Tarozi de masina, Shark NEGRU
- Машинные метчики “Black Shark” для углеродистых и легированных сталей
- strojni navojni sveder, Black Shark



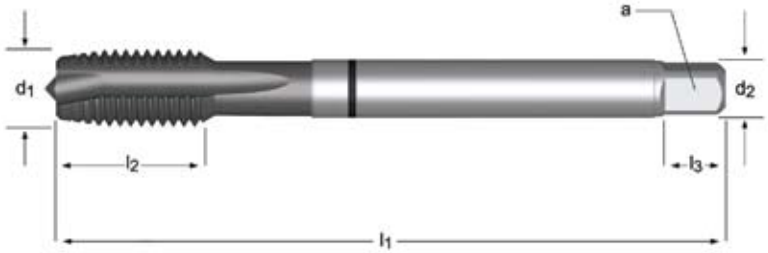
E324

M | HSCo XP | TiAlN | DIN | 6H | 2.5xD | B 3.5 - 5

■ 1.5 1.6 4.2 4.3

● 5.2 5.3 7.4 9.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	63	12	4.5	3.4	6	3	2.6	21	**E324M3**
4	0.70	70	13	6.0	4.9	8	3	3.4	25	**E324M4**
5	0.80	80	15	6.0	4.9	8	3	4.3	30	**E324M5**
6	1.00	90	18	8.0	6.2	9	3	5.1	35	**E324M6**
8	1.25	100	20	10.0	8.0	11	3	6.9	39	**E324M8**
10	1.50	100	20	10.0	8.0	11	3	8.7	39	**E324M10**



E326

M | HSCo XP | TiAlN | DIN 376 | 6H | 2.5xD | B 3.5 - 5

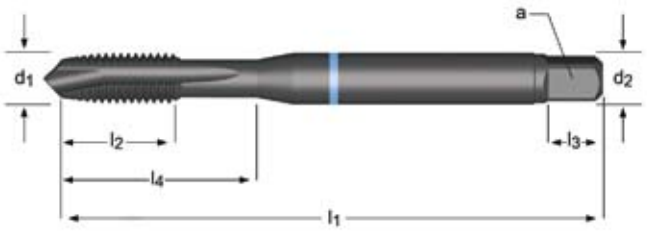
■ 1.5 1.6 4.2 4.3

● 5.2 5.3 7.4 9.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9.0	7.0	10	4	10.3	**E326M12**

E344 / E345

- Strojní závitníky, modrý Shark
- Tarozi de masina, Shark ALBASTRU
- Gépi Menetfúró, Kék Shark
- Машинные метчики “Blue Shark” для нержавеющих сталей
- Gwintowniki maszynowe,Niebieski Shark
- strojni navojni sveder, Blue Shark



L300 391

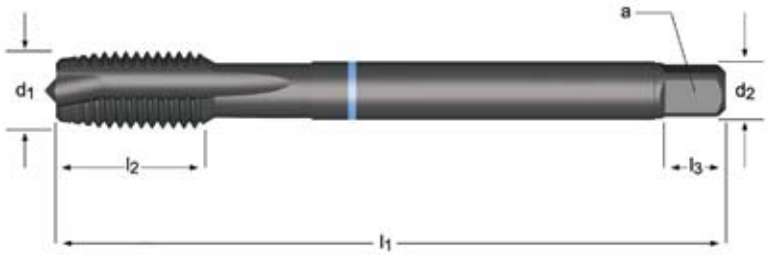
E344

M | HSCo | ST | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 2.1 2.2 2.3 2.4

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E344M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E344M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E344M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E344M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E344M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E344M10**



E345

M | HSCo | ST | DIN 376 | 6H | 2.5xD | B 3.5 - 5

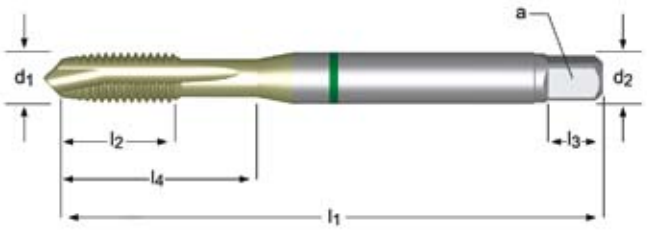
■ 2.1 2.2 2.3

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	4	10.3	**E345M12**
14	2.00	110	25	11	9.0	12	4	12	**E345M14**
16	2.00	110	25	12	9.0	12	4	14	**E345M16**
18	2.50	125	30	14	11.0	14	4	15.5	**E345M18**
20	2.50	140	30	16	12.0	15	4	17.5	**E345M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E345M22**
24	3.00	160	38	18	14.5	17	4	21	**E345M24**
27	3.00	160	38	20	16.0	19	4	24	**E345M27**
30	3.50	180	45	22	18.0	21	4	26.5	**E345M30**

E448 / E449

- Strojní závitníky, zelený Shark
- Gépi Menetfúró, Zöld Shark
- Gwintowniki maszynowe,Zielony Shark
- Tarozi de masina, Shark VERDE
- Машинные метчики “Green Shark” для цветных металлов
- strojni navojni sveder, Green Shark



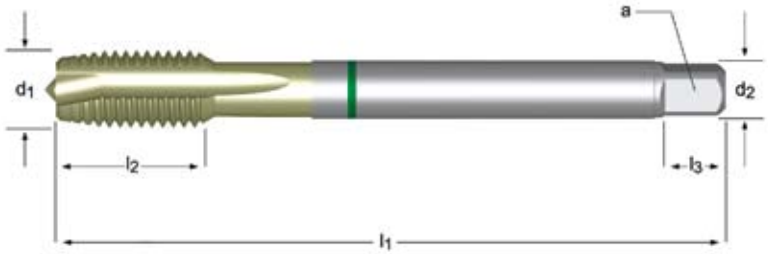
E448

M | HSCo | ZrN | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 4.1 5.1 6.2 6.3 7.1 7.2 7.3 8.1

● 6.1 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	2	2.5	18	**E448M3**
4	0.70	63	12	4.5	3.4	6	2	3.3	21	**E448M4**
5	0.80	70	13	6.0	4.9	8	2	4.2	25	**E448M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E448M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E448M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E448M10**



E449

M | HSCo | ZrN | DIN 376 | 6H | 2.5xD | B 3.5 - 5

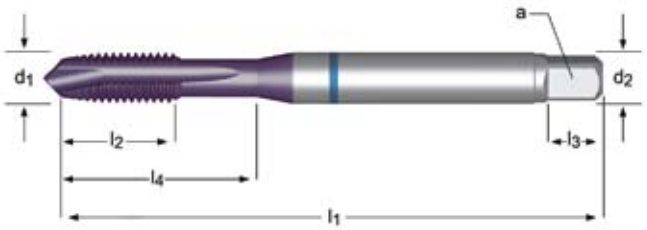
■ 1.1 1.2 1.3 4.1 5.1 6.2 6.3 7.1 7.2 7.3 8.1

● 6.1 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E449M12**
14	2.00	110	25	11	9.0	12	4	12	**E449M14**
16	2.00	110	25	12	9.0	12	4	14	**E449M16**

E454 / E455

- Strojní závitníky, modrý Shark
- Gépi Menetfúró, Kék Shark
- Gwintowniki maszynowe,Niebieski Shark
- Tarozi de masina, Shark ALBASTRU
- Машинные метчики “Blue Shark” для нержавеющих сталей
- strojni navojni sveder, Blue Shark



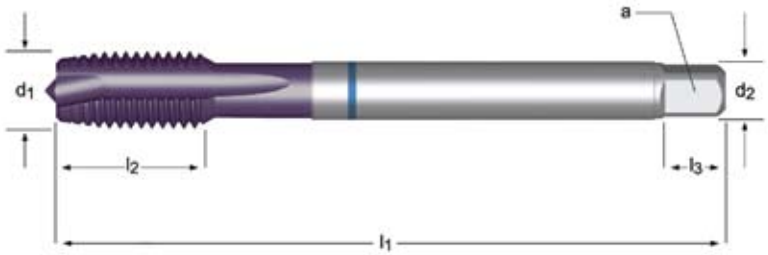
E454

M | HSCo | TiCN | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 2.1 2.2 2.3 2.4 4.1 4.2 5.1 5.2

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E454M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E454M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E454M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E454M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E454M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E454M10**



E455

M | HSCo | TiCN | DIN 376 | 6H | 2.5xD | B 3.5 - 5

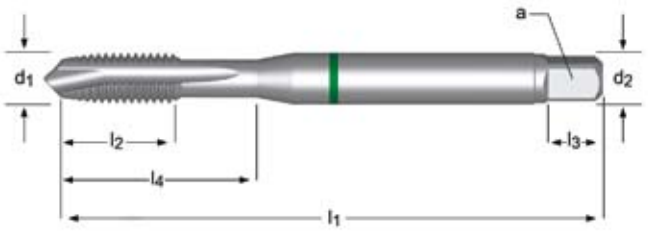
■ 2.1 2.2 2.3 4.1 4.2 5.1 5.2

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	4	10.3	**E455M12**
14	2.00	110	25	11	9.0	12	4	12	**E455M14**
16	2.00	110	25	12	9.0	12	4	14	**E455M16**
18	2.50	125	30	14	11.0	14	4	15.5	**E455M18**
20	2.50	140	30	16	12.0	15	4	17.5	**E455M20**

E358 / E359

- Strojní závitníky, zelený Shark
- Tarozi de masina, Shark VERDE
- Gépi Menetfúró, Zöld Shark
- Машинные метчики “Green Shark” для цветных металлов
- Gwintowniki maszynowe,Zielony Shark
- strojni navojni sveder, Green Shark



SHARK LINE

L300 391

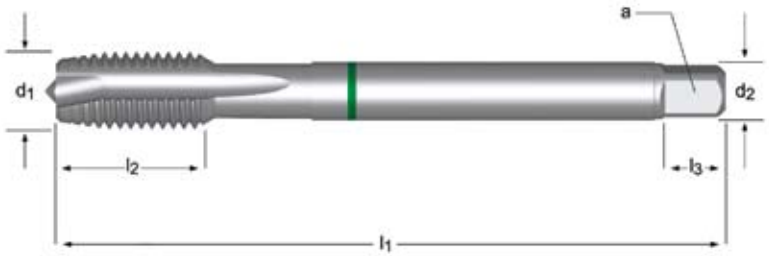
E358

M | HSCo | DIN 371 | 6H | 2.5xD | B 3.5 - 5

■ 6.2 6.3 7.1 7.2 7.3 8.1

● 1.1 1.2 1.3 6.1 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	2	2.5	18	**E358M3**
4	0.70	63	12	4.5	3.4	6	2	3.3	21	**E358M4**
5	0.80	70	13	6.0	4.9	8	2	4.2	25	**E358M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E358M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E358M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E358M10**



SHARK LINE

E359

M | HSCo | DIN 376 | 6H | 2.5xD | B 3.5 - 5

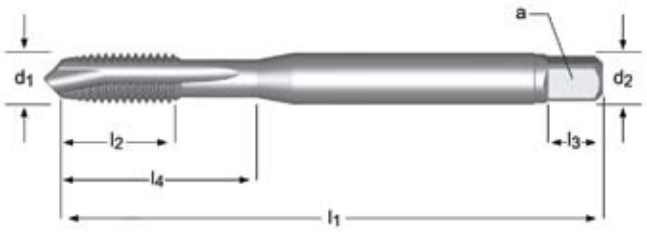
■ 6.2 6.3 7.1 7.2 7.3 8.1

● 1.1 1.2 1.3 6.1 7.4

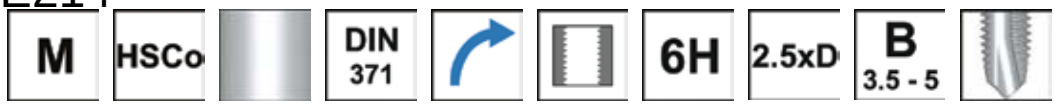
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E359M12**
14	2.00	110	25	11	9.0	12	4	12	**E359M14**
16	2.00	110	25	12	9.0	12	4	14	**E359M16**

E214

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E214



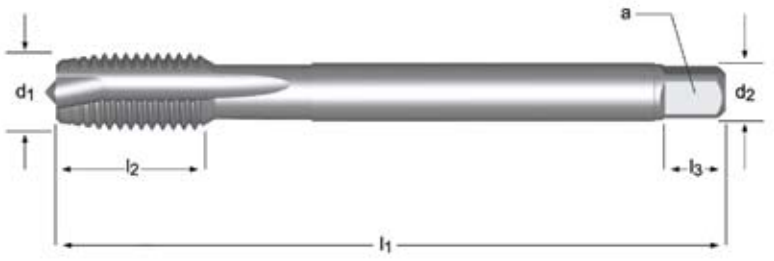
■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

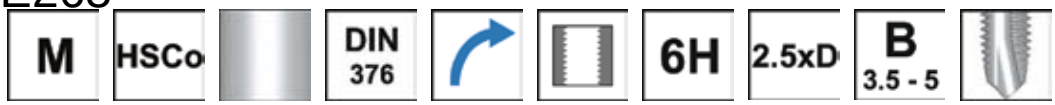
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
2	0.40	50	6	2.8	2.1	5	3	1.6	9	**E214M2**
2.5	0.45	50	8	2.8	2.1	5	3	2.1	12.5	**E214M2.5**
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E214M3**
3.5	0.60	56	11	4.0	3.0	6	3	2.9	20	**E214M3.5**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E214M4**
4.5	0.75	70	13	6.0	4.9	6	3	3.8	25	**E214M4.5**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E214M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E214M6**
7	1.00	80	15	7.0	5.5	8	3	6	30	**E214M7**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E214M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E214M10**

E265

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E265



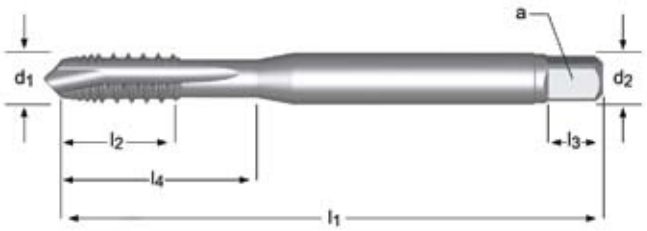
■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
3	0.50	56	10	2.2	-	-	3	2.5	**E265M3**
4	0.70	63	12	2.8	2.1	5	3	3.3	**E265M4**
5	0.80	70	13	3.5	2.7	6	3	4.2	**E265M5**
6	1.00	80	15	4.5	3.4	6	3	5	**E265M6**
8	1.25	90	18	6.0	4.9	8	3	6.8	**E265M8**
10	1.50	100	20	7.0	5.5	8	3	8.5	**E265M10**
12	1.75	110	23	9.0	7.0	10	3	10.3	**E265M12**
14	2.00	110	25	11.0	9.0	12	3	12	**E265M14**
16	2.00	110	25	12.0	9.0	12	3	14	**E265M16**
18	2.50	125	30	14.0	11.0	14	3	15.5	**E265M18**
20	2.50	140	30	16.0	12.0	15	3	17.5	**E265M20**
22	2.50	140	34	18.0	14.5	17	4	19.5	**E265M22**
24	3.00	160	38	18.0	14.5	17	4	21	**E265M24**
27	3.00	160	38	20.0	16.0	19	4	24	**E265M27**
30	3.50	180	45	22.0	18.0	21	4	26.5	**E265M30**

E216 / E266

- Strojní závitníky
- Tarozi de masina, dantura intrerupta
- Fogkihagyásos Gépi Menetfúró
- Машинные метчики, для прерывистых резьб
- Gwintowniki maszynowe z przerywanym nakrojem
- prekinjen navoj



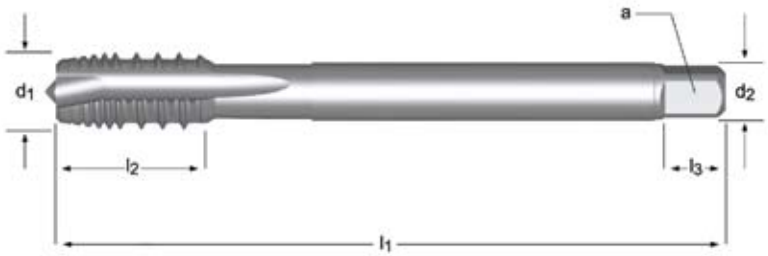
E216

M | HSCo | DIN 371 | 6H | 3xD | B 3.5 - 5

■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E216M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E216M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E216M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E216M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E216M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E216M10**



E266

M | HSCo | DIN 376 | 6H | 3xD | B 3.5 - 5

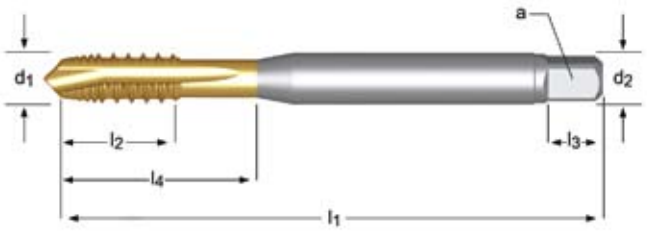
■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E266M12**
14	2.00	110	25	11	9.0	12	3	12	**E266M14**
16	2.00	110	25	12	9.0	12	3	14	**E266M16**
18	2.50	125	30	14	11.0	14	3	15.5	**E266M18**
20	2.50	140	30	16	12.0	15	3	17.5	**E266M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E266M22**
24	3.00	160	38	18	14.5	17	4	21	**E266M24**

E422 / E423

- Strojní závitníky
- Tarozi de masina, dantura intrerupta
- Fogkihagyásos Gépi Menetfúró
- Машинные метчики, для прерывистых резьб
- Gwintowniki maszynowe z przerywanym nakrojem
- prekinjen navoj



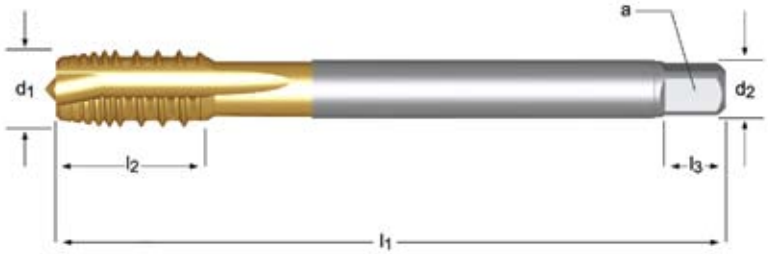
E422

M | HSCo | TiN | DIN 371 | 6H | 3xD | B 3.5 - 5

■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E422M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E422M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E422M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E422M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E422M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E422M10**



E423

M | HSCo | TiN | DIN 376 | 6H | 3xD | B 3.5 - 5

■ 1.2 1.3 1.4

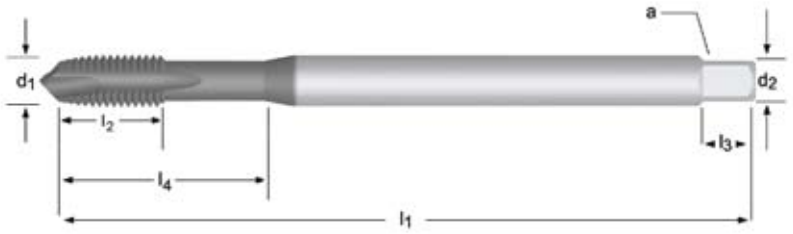
● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E423M12**
14	2.00	110	25	11	9.0	12	3	12	**E423M14**
16	2.00	110	25	12	9.0	12	3	14	**E423M16**
18	2.50	125	30	14	11.0	14	3	15.5	**E423M18**
20	2.50	140	30	16	12.0	15	3	17.5	**E423M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E423M22**
24	3.00	160	38	18	14.5	17	4	21	**E423M24**

E616

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi

NEW
2008.09



E616

M | HSCo | TiAlN Top | DIN 371≤10 376≥12 | 6H | 3xD | B 3.5 - 5

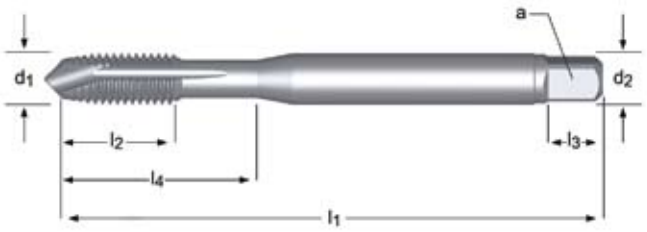
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 5.2 6.2 7.1

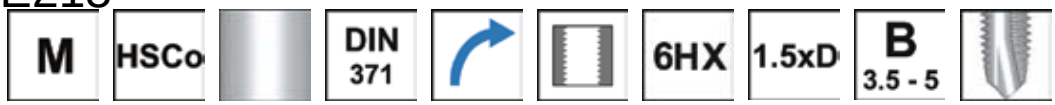
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	112	9	3.5	2.7	6	3	2.5	18	**E616M3**
4	0.70	112	12	4.5	3.4	6	3	3.3	21	**E616M4**
5	0.80	125	13	6.0	4.9	8	3	4.2	25	**E616M5**
6	1.00	125	15	6.0	4.9	8	3	5	30	**E616M6**
8	1.25	140	18	8.0	6.2	9	3	6.8	40	**E616M8**
10	1.50	160	20	10.0	8.0	11	3	8.5	50	**E616M10**
12	1.75	180	23	9.0	7.0	10	3	10.2		**E616M12**
14	2.00	180	25	11.0	9.0	12	3	12		**E616M14**
16	2.00	200	25	12.0	9.0	12	3	14		**E616M16**
20	2.50	224	30	16	12.0	15	4	17.5		**E616M20**

E215

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E215



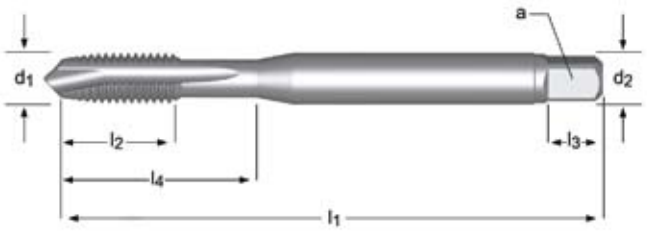
■ 1.2 8.1

● 1.1 1.3 5.1 7.1 7.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	45	6	2.8	2.1	5	2	1.6	9	**E215M2**
2.5	0.45	50	8	2.8	2.1	5	2	2.05	12.5	**E215M2.5**
3	0.50	56	9	3.5	2.7	6	2	2.5	18	**E215M3**
3.5	0.60	56	11	4.0	3.0	6	2	2.9	20	**E215M3.5**
4	0.70	63	12	4.5	3.4	6	2	3.3	21	**E215M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E215M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E215M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E215M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E215M10**

E197 / E247

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



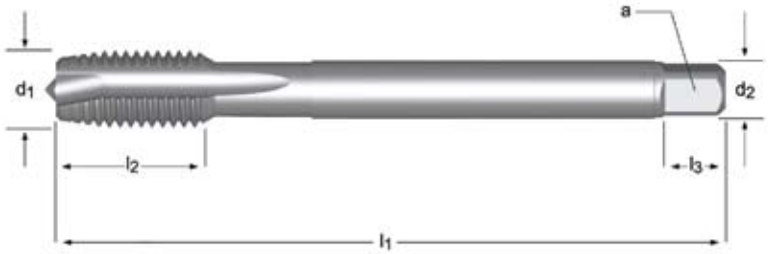
E197

M | HSCo | DIN 371 | 6G | 2.5xD | B 3.5 - 5

■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E197M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E197M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E197M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E197M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E197M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E197M10**



E247

M | HSCo | DIN 376 | 6G | 2.5xD | B 3.5 - 5

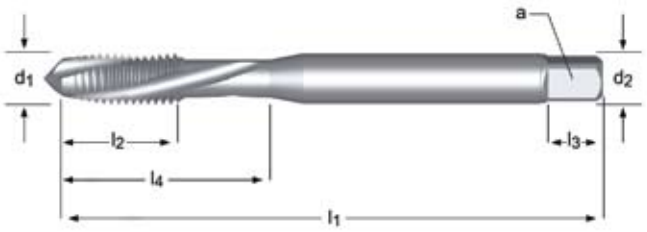
■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

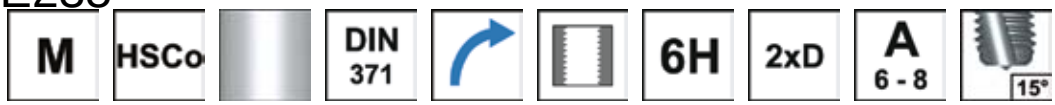
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E247M12**
14	2.00	110	25	11	9	12	3	12	**E247M14**
16	2.00	110	25	12	9	12	3	14	**E247M16**
18	2.50	125	30	14	11	14	3	15.5	**E247M18**
20	2.50	140	30	16	12	15	3	17.5	**E247M20**

E235 / E236

- Strojní závitník, levotočivá šroubovice
- Gépi menetfúró, balos spirállal
- Gwintownik Maszynowy,Lewy Skrętny
- Tarozi de masina, canale stanga
- Машинный метчик с левосторонней спиралью
- Strojni navojni sveder, levi



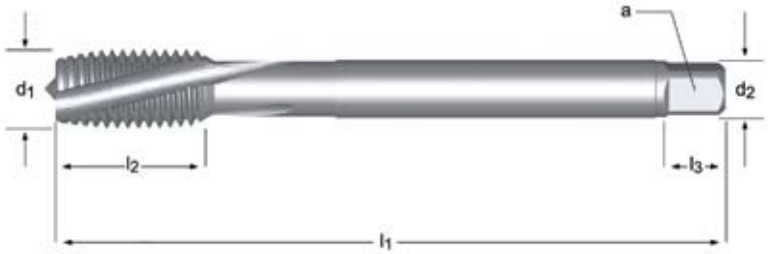
E235



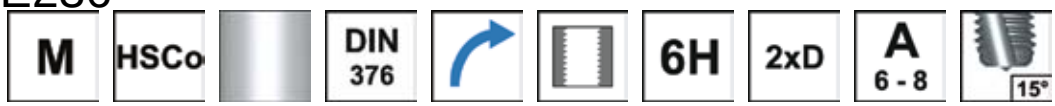
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E235M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E235M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E235M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E235M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E235M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E235M10**



E236



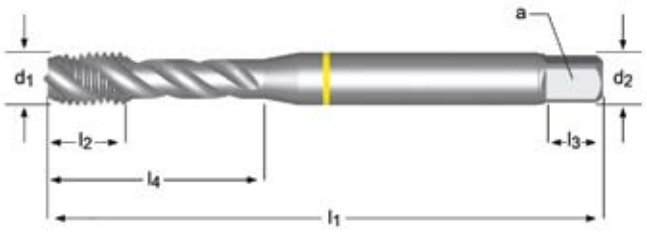
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9.0	7.0	10	3	10.3	**E236M12**
14	2.00	110	25	11.0	9.0	12	3	12	**E236M14**
16	2.00	110	25	12.0	9.0	12	3	14	**E236M16**
18	2.50	125	30	14.0	11.0	14	4	15.5	**E236M18**
20	2.50	140	30	16.0	12.0	15	4	17.5	**E236M20**
24	3.00	160	38	18.0	14.5	17	4	21	**E236M24**

E350 / E351

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



L300 391

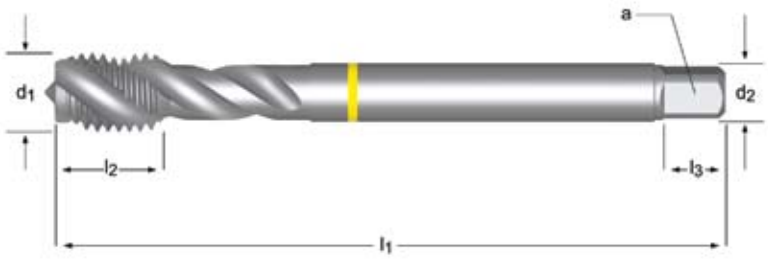
E350

M | HSCo | Cr | DIN 371 | 6H | 2xD | C 2 - 3 | 40°

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E350M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E350M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E350M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E350M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E350M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E350M10**



E351

M | HSCo | Cr | DIN 376 | 6H | 2xD | C 2 - 3 | 40°

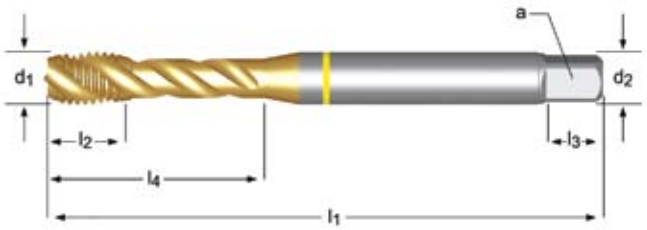
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7	10	3	10.3	**E351M12**
14	2.00	110	20	11	9	12	3	12	**E351M14**
16	2.00	110	20	12	9	12	4	14	**E351M16**
18	2.50	125	25	14	11	14	4	15.5	**E351M18**
20	2.50	140	25	16	12	15	4	17.5	**E351M20**
22	2.50	140	25	18	14.5	17	4	19.5	**E351M22**
24	3.00	160	30	18	14.5	17	4	21	**E351M24**
27	3.00	160	30	20	16	19	4	24	**E351M27**
30	3.50	160	36	22	18	21	4	26.5	**E351M30**

E213 / E264

- Strojní závitníky, žlutý Shark, zadní kužel
- Tarozi de masina, Shark GALBEN, Conicitate inversa
- Gépi Menetfúró, Sárga Shark, Hátsó menetkúposság
- Машинные метчики “Yellow Shark” для вязких сталей и металлов с обратной конусностью
- Gwintowniki maszynowe,Żółty Shark, ze zbieznym nakrojem
- strojni navojni sveder, Yellow Shark



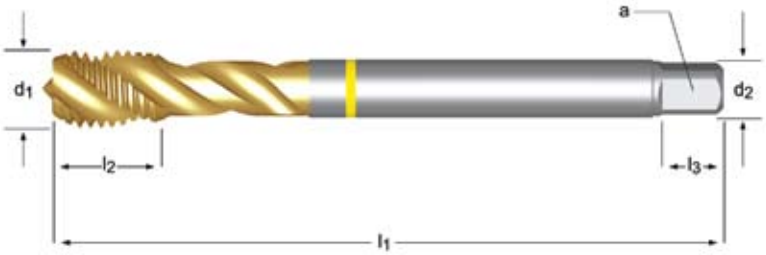
E213

M | HSCo | TiN | DIN 371 | 6H | 2.5xD | C 2 - 3 | 40°

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E213M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E213M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E213M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E213M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E213M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E213M10**



E264

M | HSCo | TiN | DIN 376 | 6H | 2.5xD | C 2 - 3 | 40°

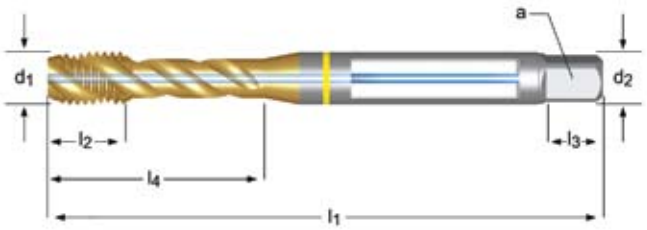
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7.0	10	3	10.3	**E264M12**
14	2.00	110	20	11	9.0	12	3	12	**E264M14**
16	2.00	110	20	12	9.0	12	4	14	**E264M16**
18	2.50	125	25	14	11.0	14	4	15.5	**E264M18**
20	2.50	140	25	16	12.0	15	4	17.5	**E264M20**
22	2.50	140	25	18	14.5	17	4	19.5	**E264M22**
24	3.00	160	30	18	14.5	17	4	21	**E264M24**
27	3.00	160	30	20	16.0	19	4	24	**E264M27**
30	3.50	180	35	22	18.0	21	4	26.5	**E264M30**

E460 / E461

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



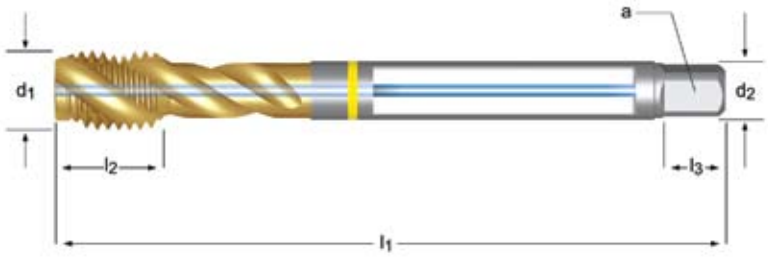
E460

M | HSCo XP | TiN | DIN 371 | 6H | 2.5xD | C 2 - 3 | 40°

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	1.00	80	15	6.0	4.9	8	3	5	30	**E460M6**
8	1.25	90	22	8.0	6.2	9	3	6.8	35	**E460M8**
10	1.50	100	24	10.0	8.0	11	3	8.5	39	**E460M10**



E461

M | HSCo XP | TiN | DIN 376 | 6H | 2.5xD | C 2 - 3 | 40°

■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

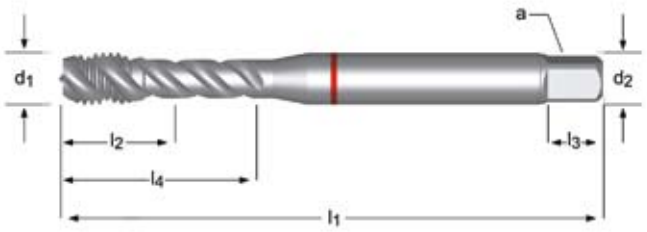
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9.0	7.0	10	3	10.3	**E461M12**
14	2.00	110	20	11.0	9.0	12	3	12	**E461M14**
16	2.00	110	20	12.0	9.0	12	4	14	**E461M16**
20	2.50	140	25	16.0	12.0	15	4	17.5	**E461M20**

E392 / E393

- Strojní závitníky, červený Shark, zadní kužel
- Tarozi de masina, Shark ROSU, Conicitate inversa
- Gépi Menetfúró, Piros Shark, Hátsó menetkúposság
- Машинные метчики “Red Shark” для углеродистых и легированных сталей с обратной конусностью
- Gwintowniki maszynowe,czerwony Shark,ze zbieznym nakrojem
- strojni navojni sveder, Red Shark

NEW 2009.02

SHARK LINE



E392

M | HSCo XP | DIN 371 | 6H | 2.5xD | C 2 - 3 | 48°

- ■ 1.4
- ● 1.5 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E392M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E392M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E392M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E392M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E392M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E392M10**

NEW 2009.02

SHARK LINE

E393

M | HSCo XP | DIN 376 | 6H | 2.5xD | C 2 - 3 | 48°

- ■ 1.4
- ● 1.5 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code	
5	0.80	70	8	3.5	2.7	6	3	4.2	**E393M5**	
6	1.00	80	10	4.5	3.4	6	3	5	**E393M6**	
8	1.25	90	13	6.0	4.9	8	3	6.8	**E393M8**	
10	1.50	100	15	7.0	5.5	8	3	8.5	**E393M10**	
12	1.75	110	18	9.0	7.0	10	3	10.3	**E393M12**	
14	2.00	110	20	11.0	9.0	12	3	12	**E393M14**	
16	2.00	110	20	12.0	9.0	12	3	14	**E393M16**	
18	2.50	125	25	14.0	11.0	14	4	15.5	**E393M18**	
20	2.50	140	25	16.0	12.0	15	4	17.5	**E393M20**	
22	2.50	140	25	18.0	14.5	17	4	19.5	**E393M22**	1)
24	3.00	160	30	18.0	14.5	17	4	21	**E393M24**	1)
27	3.00	160	30	20.0	16.0	19	4	24	**E393M27**	1)
30	3.50	180	36	22.0	18.0	21	4	26.5	**E393M30**	1)
33	3.50	180	36	25.0	20.0	23	4	29.5	**E393M33**	1)
36	4.00	200	40	28.0	22.0	25	4	32	**E393M36**	1)

40°

E394

- Strojní závitníky, červený Shark, zadní kužel
- Tarozi de masina, Shark ROSU, Conicitate inversa
- Gépi Menetfúró, Piros Shark, Hátsó menetkúposság
- Машинные метчики “Red Shark” для углеродистых и легированных сталей с обратной конусностью
- Gwintowniki maszynowe,czerwony Shark,ze zbieznym nakrojem
- strojni navojni sveder, Red Shark

NEW
2009.02

E394

M | HSCo XP | TiAlN Top | DIN 371≤10 376≥12 | 6H | 2.5xD | C 2 - 3 | 48°

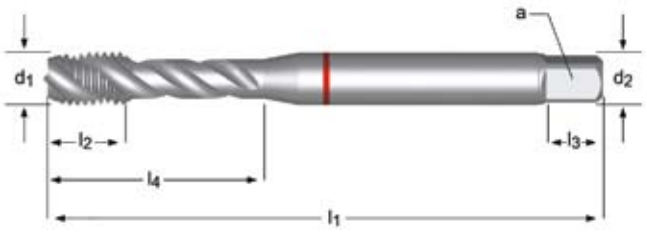
■ 1.4 1.5

● 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E394M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E394M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E394M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E394M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E394M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E394M10**
12	1.75	110	18	9.0	7.0	10	3	10.3		**E394M12**
14	2.00	110	20	11.0	9.0	12	3	12		**E394M14**
16	2.00	110	20	12.0	9.0	12	3	14		**E394M16**
18	2.50	125	25	14.0	11.0	14	4	15.5		**E394M18**
20	2.50	140	25	16.0	12.0	15	4	17.5		**E394M20**

E342 / E343

- Strojní závitníky, červený Shark
- Tarozi de masina, Shark ROSU
- Gépi Menetfúró, Piros Shark
- Машинные метчики “Red Shark” для углеродистых и легированных сталей
- Gwintowniki maszynowe,Czerwony Shark
- strojni navojni sveder, Red Shark



L300 391

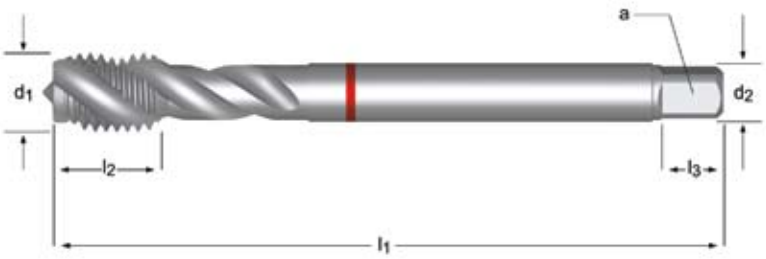
E342

M | HSCo | DIN 371 | 6H | 2xD | C 2 - 3 | 35°

■ 1.4

● 1.5 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E342M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E342M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E342M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E342M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E342M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E342M10**



E343

M | HSCo | DIN 376 | 6H | 2xD | C 2 - 3 | 35°

■ 1.4

● 1.5 1.6 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7	10	4	10.3	**E343M12**
14	2.00	110	20	11	9	12	4	12	**E343M14**
16	2.00	110	20	12	9	12	4	14	**E343M16**
18	2.50	125	25	14	11	16	4	15.5	**E343M18**
20	2.50	140	25	16	12	15	4	17.5	**E343M20**

E402

- Strojní závitníky, stříbrný Shark
- Gépi Menetfúró, Szürke Shark
- Gwintowniki maszynowe,Srebrny Shark
- Tarozi de masina, Shark ARGINTIU
- Машинные метчики “Silver Shark”
- strojni navojni sveder, Silver Shark

E402

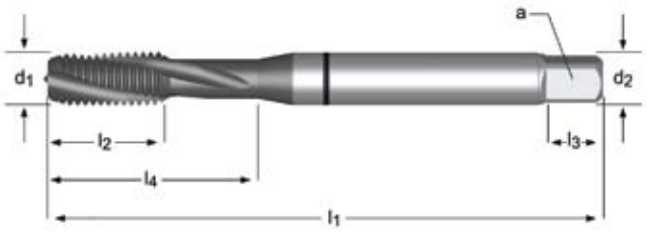
■ 1.1 1.2 1.3 1.4 1.5

● 2.1 2.2 2.3 7.1 7.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E402M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E402M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E402M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E402M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E402M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E402M10**
12	1.75	110	18	9.0	7.0	10	3	10.3		**E402M12**
14	2.00	110	20	11.0	9.0	12	3	12		**E402M14**
16	2.00	110	20	12.0	9.0	12	4	14		**E402M16**
20	2.50	140	25	16.0	12.0	15	4	17.5		**E402M20**
22	2.50	140	25	18.0	14.5	17	4	19.5		**E402M22**
24	3.00	160	30	18.0	14.5	17	4	21.0		**E402M24**
27	3.00	160	30	20.0	16.0	19	4	24.0		**E402M27**
30	3.50	180	36	22.0	18.0	21	4	26.5		**E402M30**

E314 / E316

- Strojní závitníky, černý Shark
- Gépi Menetfúró, Fekete Shark
- Gwintowniki maszynowe,Czarny Shark
- Tarozi de masina, Shark NEGRU
- Машинные метчики “Black Shark” для углеродистых и легированных сталей
- strojni navojni sveder, Black Shark



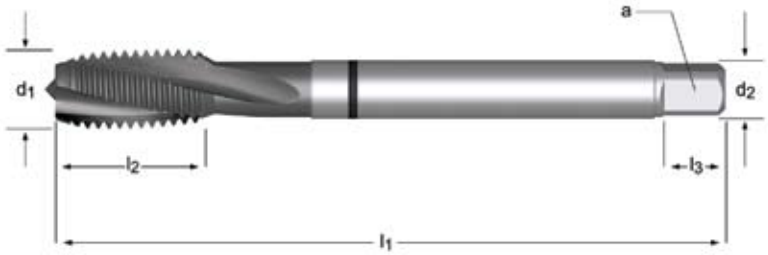
E314

M | HSCo XP | TiAlN | DIN | 6H | 1.5xD | C 2 - 3 | 15°

■ 1.5 1.6 4.2 4.3

● 5.2 5.3 7.4 9.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	63	12	4.5	3.4	6	3	2.6	21	**E314M3**
4	0.70	70	13	6.0	4.9	8	3	3.4	25	**E314M4**
5	0.80	80	15	6.0	4.9	8	3	4.3	30	**E314M5**
6	1.00	90	18	8.0	6.2	9	3	5.1	35	**E314M6**
8	1.25	100	20	10.0	8.0	11	3	6.9	39	**E314M8**
10	1.50	100	20	10.0	8.0	11	3	8.7	39	**E314M10**



E316

M | HSCo XP | TiAlN | DIN 376 | 6H | 1.5xD | C 2 - 3 | 15°

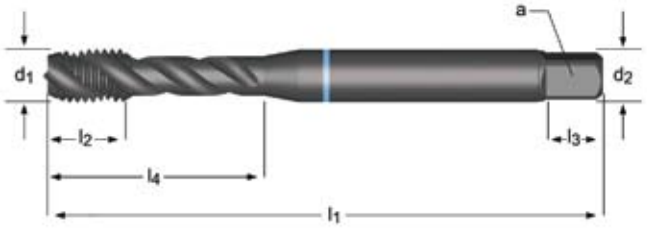
■ 1.5 1.6 4.2 4.3

● 5.2 5.3 7.4 9.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9.0	7.0	10	4	10.3	**E316M12**

E346 / E347

- Strojní závitníky, modrý Shark
- Gépi Menetfúró, Kék Shark
- Gwintowniki maszynowe,Niebieski Shark
- Tarozi de masina, Shark ALBASTRU
- Машинные метчики “Blue Shark” для нержавеющих сталей
- strojni navojni sveder, Blue Shark



SHARK LINE

L300
391

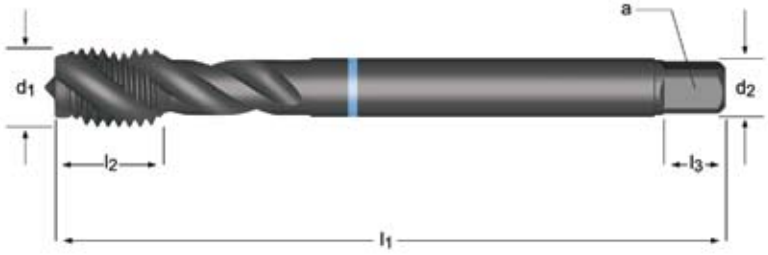
E346

M | HSCo | ST | DIN 371 | 6H | 2xD | C 2 - 3 | 40°

■ 2.1 2.2 2.3

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E346M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E346M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E346M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E346M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	33	**E346M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E346M10**



SHARK LINE

E347

M | HSCo | ST | DIN 376 | 6H | 2xD | C 2 - 3 | 40°

■ 2.1 2.2 2.3

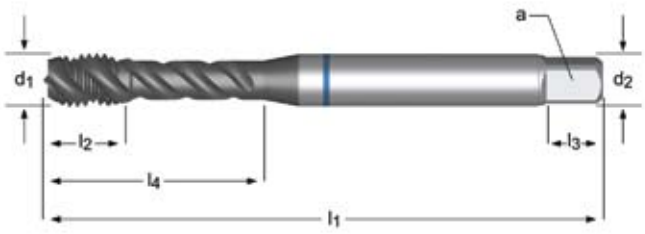
● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7.0	10	4	10.3	**E347M12**
14	2.00	110	20	11	9.0	12	4	12	**E347M14**
16	2.00	110	20	12	9.0	12	4	14	**E347M16**
18	2.50	125	25	14	11.0	14	4	15.5	**E347M18**
20	2.50	140	25	16	12.0	15	4	17.5	**E347M20**
22	2.50	140	25	18	14.5	17	4	19.5	**E347M22**
24	3.00	160	30	18	14.5	17	4	21	**E347M24**
27	3.00	160	30	20	16.0	19	4	24	**E347M27**
30	3.50	180	36	22	18.0	21	4	26.5	**E347M30**

E404

- Strojní závitníky, modrý Shark, zadní kužel
- Tarozi de masina, Shark ALBASTRU, Conicitate inversa
- Gépi Menetfúró, Kék Shark, Hátsó menetkúposság
- Машинные метчики “Blue Shark” для нержавеющих сталей обратной конусностью
- Gwintowniki maszynowe,Niebieski Shark,Ze zbieznym nakrojem
- strojni navojni sveder, Blue Shark

NEW
2007.10



E404

M | HSCo | Super B | DIN 371≤10 376≥12 | 6H | 2.5xD | C 2 - 3 | 48°

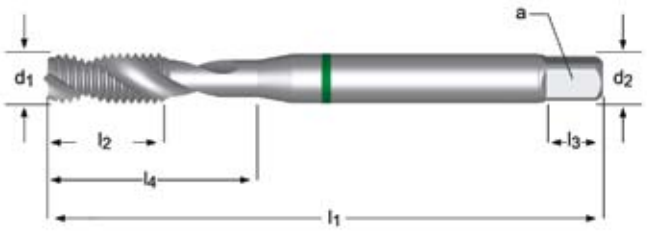
■ 2.1 2.2 2.3 2.4

● 1.3 1.4 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E404M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E404M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E404M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E404M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E404M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E404M10**
12	1.75	110	18	9.0	7.0	10	3	10.3		**E404M12**
14	2.00	110	20	11.0	9.0	12	3	12		**E404M14**
16	2.00	110	20	12.0	9.0	12	4	14		**E404M16**
20	2.50	140	25	16.0	12.0	15	4	17.5		**E404M20**

E360 / E361

- Strojní závitníky, zelený Shark
- Gépi Menetfúró, Zöld Shark
- Gwintowniki maszynowe,Zielony Shark
- Tarozi de masina, Shark VERDE
- Машинные метчики “Green Shark” для цветных металлов
- strojni navojni sveder, Green Shark



SHARK LINE

L300
391

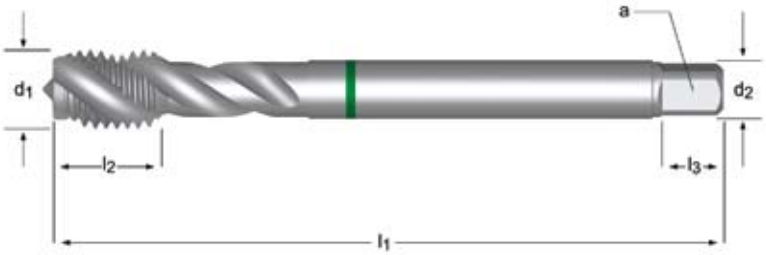
E360

M | HSCo | DIN 371 | 6H | 2.5xD | C 2 - 3 | 35°

■ 4.1 5.1 7.1 7.2 8.1

● 1.2 1.3 6.1 6.3 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	2	2.5	18	**E360M3**
4	0.70	63	12	4.5	3.4	6	2	3.3	21	**E360M4**
5	0.80	70	13	6.0	4.9	8	2	4.2	25	**E360M5**
6	1.00	80	15	6.0	4.9	8	2	5	30	**E360M6**
8	1.25	90	18	8.0	6.2	9	2	6.8	35	**E360M8**
10	1.50	100	20	10.0	8.0	11	2	8.5	39	**E360M10**



SHARK LINE

E361

M | HSCo | DIN 376 | 6H | 2.5xD | C 2 - 3 | 35°

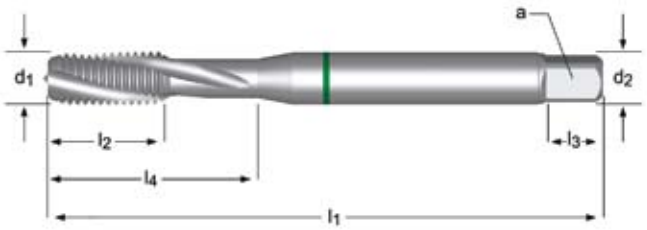
■ 4.1 5.1 7.1 7.2 8.1

● 1.2 1.3 6.1 6.3 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E361M12**
14	2.00	110	25	11	9	12	3	12	**E361M14**
16	2.00	110	25	12	9	12	3	14	**E361M16**
18	2.50	125	30	14	11	14	3	15.5	**E361M18**
20	2.50	140	30	16	12	15	3	17.5	**E361M20**

E354 / E355

- Strojní závitníky, zelený Shark
- Gépi Menetfúró, Zöld Shark
- Gwintowniki maszynowe,Zielony Shark
- Tarozi de masina, Shark VERDE
- Машинные метчики “Green Shark” для цветных металлов
- strojni navojni sveder, Green Shark



SHARK LINE

L300
391

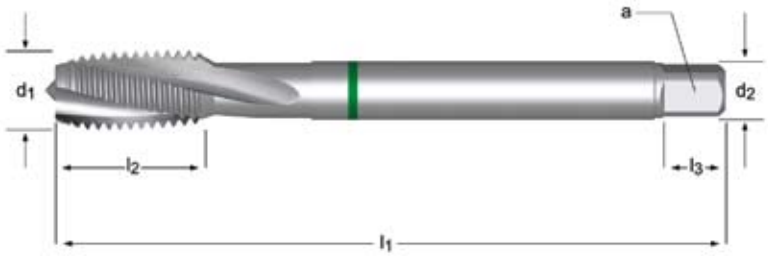
E354

M | HSCo XP | DIN 371 | 6H | 1.5xD | C 2 - 3 | 15°

■ 6.2 6.3 7.2 7.3 7.4

● 1.1 1.2 1.3 1.4 6.1 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E354M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E354M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E354M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E354M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E354M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E354M10**



SHARK LINE

E355

M | HSCo XP | DIN 376 | 6H | 1.5xD | C 2 - 3 | 15°

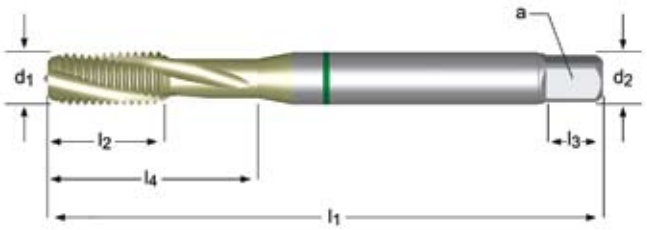
■ 6.2 6.3 7.2 7.3 7.4

● 1.1 1.2 1.3 1.4 6.1 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E355M12**
14	2.00	110	25	11	9	12	3	12	**E355M14**
16	2.00	110	25	12	9	12	3	14	**E355M16**

E450 / E451

- Strojní závitníky, zelený Shark
- Gépi Menetfúró, Zöld Shark
- Gwintowniki maszynowe,Zielony Shark
- Tarozi de masina, Shark VERDE
- Машинные метчики “Green Shark” для цветных металлов
- strojni navojni sveder, Green Shark



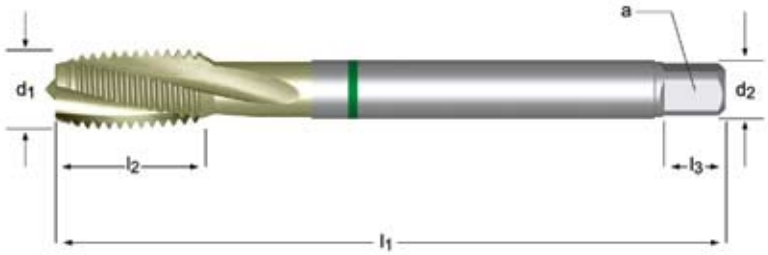
E450

M | HSCo XP | ZrN | DIN 371 | 6H | 1.5xD | C 2 - 3 | 15°

■ 6.2 6.3 7.2 7.3 7.4

● 1.1 1.2 1.3 1.4 6.1 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E450M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E450M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E450M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E450M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E450M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E450M10**



E451

M | HSCo XP | ZrN | DIN 376 | 6H | 1.5xD | C 2 - 3 | 15°

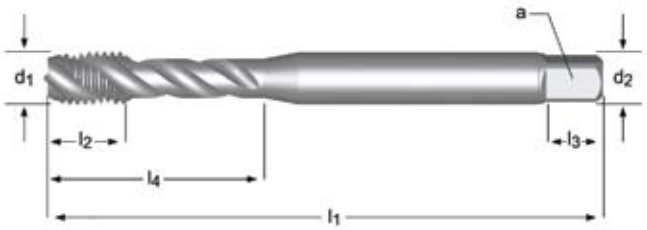
■ 6.2 6.3 7.2 7.3 7.4

● 1.1 1.2 1.3 1.4 6.1 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E451M12**
14	2.00	110	25	11	9	12	3	12	**E451M14**
16	2.00	110	25	12	9	12	3	14	**E451M16**

E208

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E208

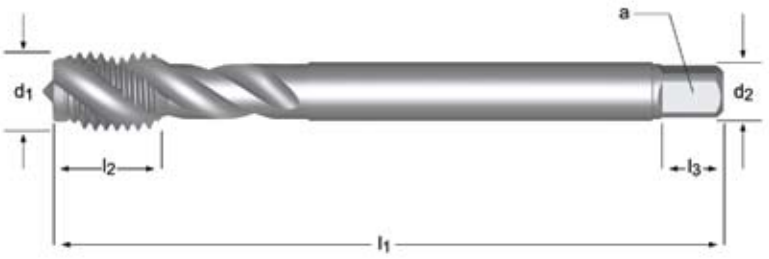
■ 1.3 1.4

● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	45	4	2.8	2.1	5	3	1.6	9	**E208M2**
2.5	0.45	50	4	2.8	2.1	5	3	2.05	12.5	**E208M2.5**
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E208M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E208M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E208M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E208M6**
7	1.00	80	10	7.0	5.5	8	3	6	30	**E208M7**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E208M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E208M10**

E259

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E259

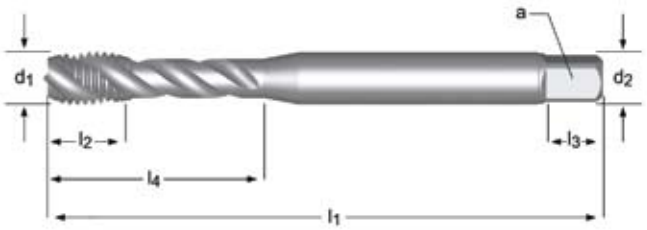
■ 1.3 1.4

● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
6	1.00	80	10	4.5	3.4	6	3	5	**E259M6**
8	1.25	90	13	6.0	4.9	8	3	6.8	**E259M8**
10	1.50	100	15	7.0	5.5	8	3	8.5	**E259M10**
12	1.75	110	18	9.0	7.0	10	3	10.3	**E259M12**
14	2.00	110	20	11.0	9.0	12	3	12	**E259M14**
16	2.00	110	20	12.0	9.0	12	4	14	**E259M16**
18	2.50	125	25	14.0	11.0	14	4	15.5	**E259M18**
20	2.50	140	25	16.0	12.0	15	4	17.5	**E259M20**
22	2.50	140	25	18.0	14.5	17	4	19.5	**E259M22**
24	3.00	160	30	18.0	14.5	17	4	21	**E259M24**
27	3.00	160	30	20.0	16.0	19	4	24	**E259M27**
30	3.50	180	35	22.0	18.0	21	4	26.5	**E259M30**

E195 / E245

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintownik maszynow ze zbieznym nakrojem
- strojni navojni sveder, zadaj brušen

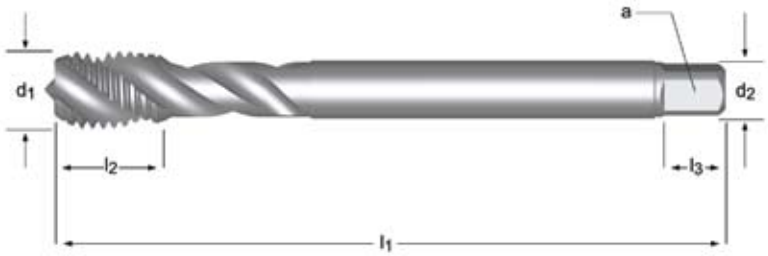


E195

M | HSCo | DIN 371 | 6H | 2.5xD | C 2 - 3 | 40°

- ■ 1.3 1.4
- ● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E195M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E195M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E195M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E195M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E195M10**



E245

M | HSCo | DIN 376 | 6H | 2.5xD | C 2 - 3 | 40°

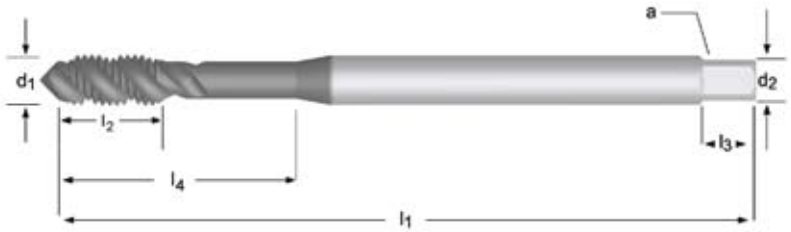
- ■ 1.3 1.4
- ● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7.0	10	3	10.3	**E245M12**
14	2.00	110	20	11	9.0	12	3	12	**E245M14**
16	2.00	110	20	12	9.0	12	4	14	**E245M16**
18	2.50	125	25	14	11.0	14	4	15.5	**E245M18**
20	2.50	140	25	16	12.0	15	4	17.5	**E245M20**
22	2.50	140	25	18	14.5	17	4	19.5	**E245M22**
24	3.00	160	30	18	14.5	17	4	21	**E245M24**

E615

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi

NEW
2008.09



E615

M | HSCo | TiAlN Top | DIN 371≤10 376≥12 | 6H | 3xD | C 2 - 3 | 45°

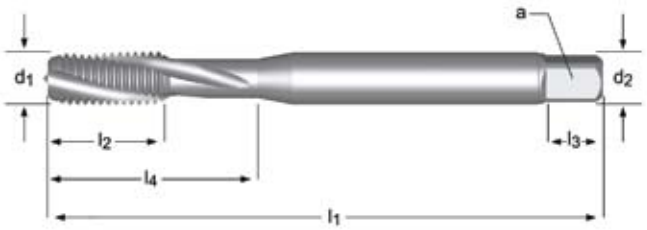
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 5.2 6.2 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	112	6	3.5	2.7	6	3	2.5	18	**E615M3**
4	0.70	112	7	4.5	3.4	6	3	3.3	21	**E615M4**
5	0.80	125	8	6.0	4.9	8	3	4.2	25	**E615M5**
6	1.00	125	10	6.0	4.9	8	3	5	30	**E615M6**
8	1.25	140	13	8.0	6.2	9	3	6.8	40	**E615M8**
10	1.50	160	15	10.0	8.0	11	3	8.5	50	**E615M10**
12	1.75	180	16	9.0	7.0	10	3	10.2		**E615M12**
14	2.00	180	20	11.0	9.0	12	3	12		**E615M14**
16	2.00	200	20	12.0	9.0	12	3	14		**E615M16**
20	2.50	224	25	16	12	15	4	17.5		**E615M20**

E207

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E207

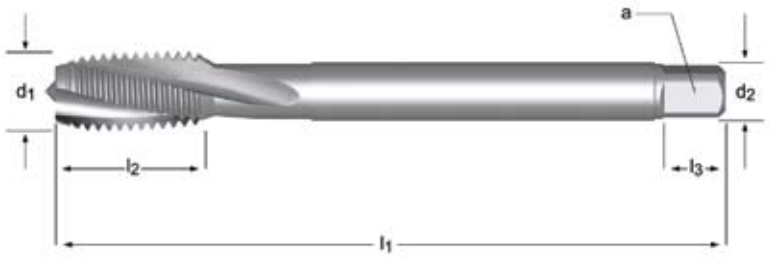
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	45	4	2.8	2.1	5	3	1.6	9	**E207M2**
2.5	0.45	50	4	2.8	2.1	5	3	2.05	12.5	**E207M2.5**
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E207M3**
3.5	0.60	56	11	4.0	3.0	6	3	2.9	20	**E207M3.5**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E207M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E207M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E207M6**
7	1.00	80	15	7.0	5.5	8	3	6	30	**E207M7**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E207M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E207M10**

E258

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E258

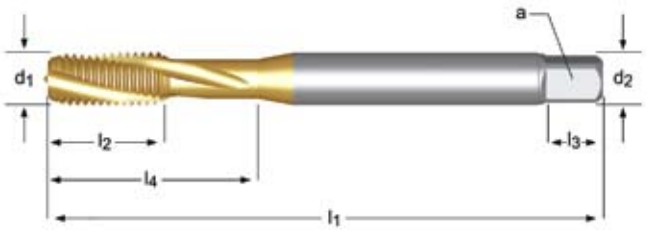
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
4	0.70	63	12	2.8	2.1	5	3	3.3	**E258M4**
5	0.80	70	13	3.5	2.7	6	3	4.2	**E258M5**
6	1.00	80	15	4.5	3.4	6	3	5	**E258M6**
8	1.25	90	18	6.0	4.9	8	3	6.8	**E258M8**
10	1.50	100	20	7.0	5.5	8	3	8.5	**E258M10**
12	1.75	110	23	9.0	7.0	10	3	10.3	**E258M12**
14	2.00	110	25	11.0	9.0	12	3	12	**E258M14**
16	2.00	110	25	12.0	9.0	12	3	14	**E258M16**
18	2.50	125	30	14.0	11.0	14	3	15.5	**E258M18**
20	2.50	140	30	16.0	12.0	15	3	17.5	**E258M20**
22	2.50	140	34	18.0	14.5	17	4	19.5	**E258M22**
24	3.00	160	38	18.0	14.5	17	4	21	**E258M24**
27	3.00	160	38	20.0	16.0	19	4	24	**E258M27**
30	3.50	180	45	22.0	18.0	21	4	26.5	**E258M30**
33	3.50	180	50	25.0	20.0	23	4	29.5	**E258M33**
36	4.00	200	55	28.0	22.0	25	4	32	**E258M36**

E212 / E263

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



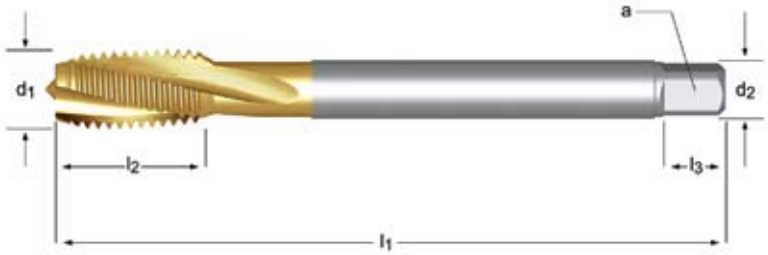
E212

M | HSCo | TiN | DIN 371 | 6H | 1.5xD | C 2 - 3 | 15°

■ 1.3 1.4

● 1.1 1.2 1.5 4.2 4.3 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E212M3**
4	0.70	63	11	4.5	3.4	6	3	3.3	21	**E212M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E212M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E212M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E212M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E212M10**



E263

M | HSCo | TiN | DIN 376 | 6H | 1.5xD | C 2 - 3 | 15°

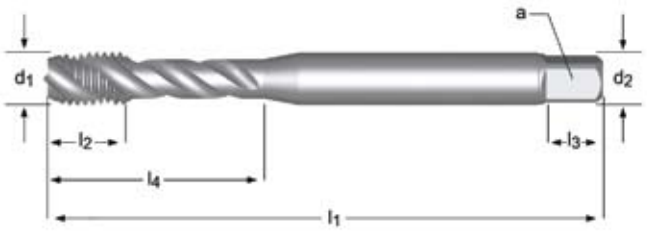
■ 1.3 1.4

● 1.1 1.2 1.5 4.2 4.3 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E263M12**
14	2.00	110	25	11	9.0	12	3	12	**E263M14**
16	2.00	110	25	12	9.0	12	3	14	**E263M16**
18	2.50	125	30	14	11.0	14	3	15.5	**E263M18**
20	2.50	140	30	16	12.0	15	3	17.5	**E263M20**
22	2.50	140	34	18	14.5	17	4	19.5	**E263M22**
24	3.00	160	38	18	14.5	17	4	21	**E263M24**
27	3.00	160	38	20	16	19	4	24	**E263M27**
30	3.50	180	45	22	18.0	21	4	26.5	**E263M30**
33	3.50	180	50	25	20.0	23	4	29.5	**E263M33**
36	4.00	200	55	28	22.0	25	4	32	**E263M36**

E199 / E249

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

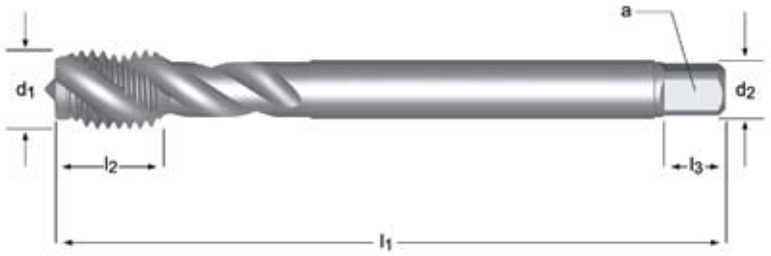


E199

■ 1.3 1.4

● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	6	3.5	2.7	6	3	2.5	18	**E199M3**
4	0.70	63	7	4.5	3.4	6	3	3.3	21	**E199M4**
5	0.80	70	8	6.0	4.9	8	3	4.2	25	**E199M5**
6	1.00	80	10	6.0	4.9	8	3	5	30	**E199M6**
8	1.25	90	13	8.0	6.2	9	3	6.8	35	**E199M8**
10	1.50	100	15	10.0	8.0	11	3	8.5	39	**E199M10**



E249

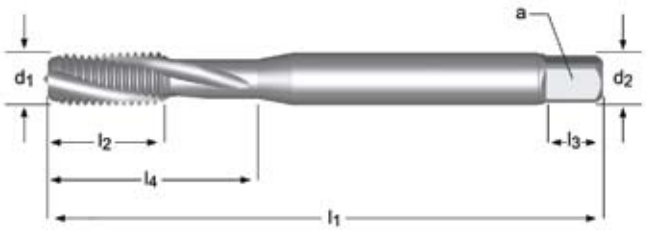
■ 1.3 1.4

● 1.1 1.2 1.5

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9	7	10	3	10.3	**E249M12**
14	2.00	110	20	11	9	12	3	12	**E249M14**
16	2.00	110	20	12	9	12	4	14	**E249M16**
18	2.50	125	25	14	11	14	4	15.5	**E249M18**
20	2.50	140	25	16	12	15	4	17.5	**E249M20**

E198 / E248

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

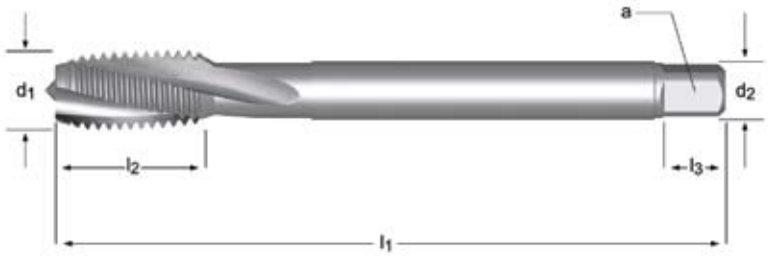


E198

■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E198M3**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E198M4**
5	0.80	70	13	6.0	4.9	8	3	4.2	25	**E198M5**
6	1.00	80	15	6.0	4.9	8	3	5	30	**E198M6**
8	1.25	90	18	8.0	6.2	9	3	6.8	35	**E198M8**
10	1.50	100	20	10.0	8.0	11	3	8.5	39	**E198M10**



E248

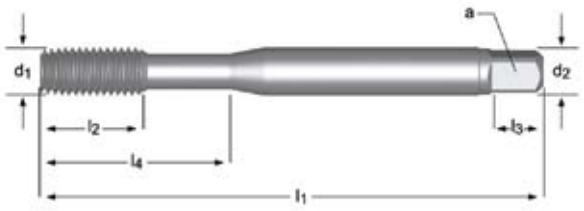
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E248M12**
14	2.00	110	25	11	9	12	3	12	**E248M14**
16	2.00	110	25	12	9	12	3	14	**E248M16**
18	2.50	125	30	14	11	14	3	15.5	**E248M18**
20	2.50	140	30	16	12	15	3	17.5	**E248M20**

E301

- Strojní závitníky
- Gépi Menetformázó
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E301

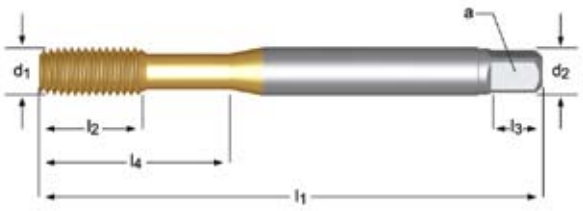
M | HSCo | DIN 2174 | 6HX | 3xD | C 2 - 3.5

- 1.1 1.2 1.3 1.4 7.1 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1	0.25	40	5.5	2.5	2.1	5	3	0.90	-	**E301M1**
1.6	0.35	40	8	2.5	2.1	5	3	1.40	-	**E301M1.6**
2	0.40	45	6	2.8	2.1	5	3	1.80	11	**E301M2**
2.5	0.45	50	8	2.8	2.1	5	3	2.30	14	**E301M2.5**
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E301M3**
3.5	0.60	56	11	4.0	3.0	6	4	3.20	20	**E301M3.5**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E301M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E301M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E301M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E301M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E301M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E301M12**
16	2.00	110	25	12.0	9.0	12	8	15.10	-	**E301M16**
20	2.50	140	30	16.0	12.0	15	8	18.90	-	**E301M20**
24	3.00	160	36	18.0	14.5	17	8	22.7	-	**E301M24**

E302

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E302

M | HSCo | TiN | DIN 2174 | 6HX | 3xD | C 2 - 3.5

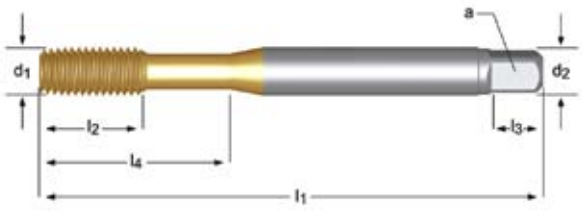
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1	0.25	40	5.5	2.5	2.1	5	3	0.90	-	**E302M1**
1.6	0.35	40	8	2.5	2.1	5	3	1.40	-	**E302M1.6**
2	0.40	45	6	2.8	2.1	5	3	1.80	11	**E302M2**
2.5	0.45	50	8	2.8	2.1	5	3	2.30	14	**E302M2.5**
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E302M3**
3.5	0.60	56	11	4.0	3.0	6	4	3.20	20	**E302M3.5**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E302M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E302M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E302M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E302M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E302M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E302M12**
16	2.00	110	25	12.0	9.0	12	8	15.10	-	**E302M16**
20	2.50	140	30	16.0	12.0	15	8	18.9	-	**E302M20**
24	3.00	160	36	18.0	14.5	17	8	22.70	-	**E302M24**

E305

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E305

M | HSCo | TiN | DIN 2174 | 6HX | 3xD | E 1.5 - 2

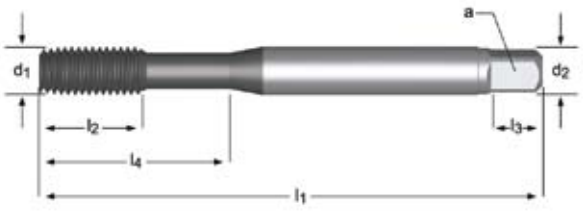
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E305M3**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E305M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E305M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E305M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E305M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E305M10**

E306

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E306

M | HSCo | CrN | DIN 2174 | 6HX | 3xD | C 2 - 3.5

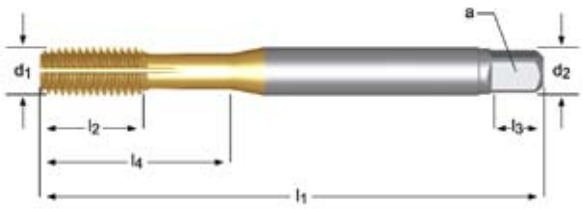
■ 1.1 1.2 1.3 1.4 4.1 5.1 7.1 7.2 7.3

● 2.1 2.2 5.2 6.1 6.3 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E306M3**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E306M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E306M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E306M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E306M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E306M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E306M12**

E308

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe z rowkami smarujacymi
- strojni navojni sveder



E308

M | HSCo | TiN | DIN 2174 | 6HX | 3.5XD | C 2 - 3.5

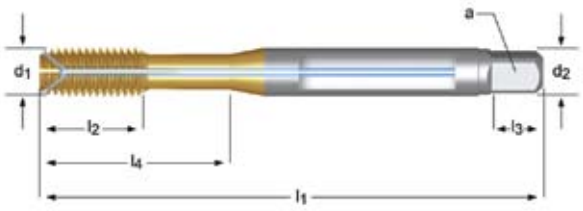
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E308M3**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E308M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E308M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E308M6**
7	1.00	80	15	7.0	5.5	8	5	6.50	30	**E308M7**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E308M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E308M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E308M12**
14	2.00	110	25	11.0	9.0	12	6	13.00	-	**E308M14**
16	2.00	110	25	12.0	9.0	12	6	15.00	-	**E308M16**
20	2.50	140	30	16.0	12.0	15		18.90	-	**E308M20**
24	3.00	160	36	18.0	14.5	17		22.70	-	**E308M24**

E315

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E315

M | HSCo | TiN | DIN 2174 | 6HX | 3.5XD | C 2 - 3.5

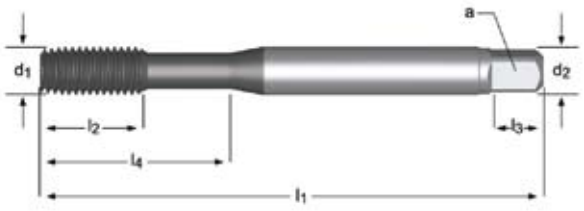
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E315M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E315M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E315M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E315M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E315M12**

E313

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E313

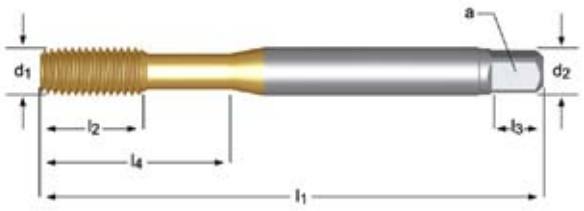
M | HSCo | Dialub | DIN 2174 | 6HX | 3xD | C 2 - 3.5

■ 6.1 6.3 7.1 7.2 7.3

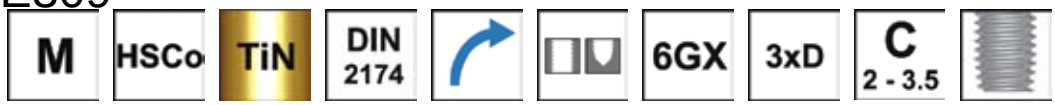
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E313M3**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E313M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E313M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E313M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E313M8**

E309

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E309



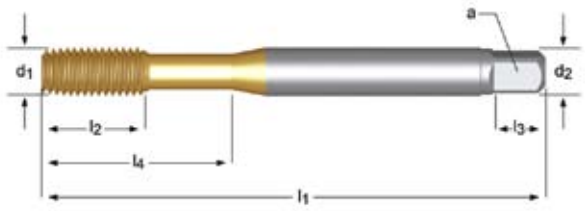
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E309M3**
3.5	0.60	56	11	4.0	3.0	6	4	3.20	20	**E309M3.5**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E309M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E309M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E309M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E309M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E309M10**
12	1.75	110	23	9.0	7.0	10	5	11.20	-	**E309M12**

E310

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E310

M | HSCo | TiN | DIN 2174 | 6GX | 3xD | E 1.5 - 2

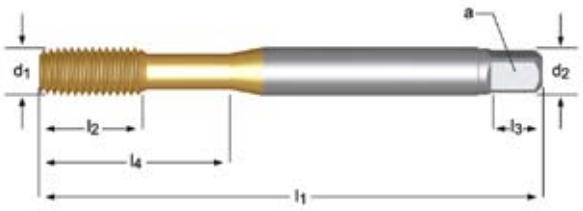
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	56	9	3.5	2.7	6	4	2.80	18	**E310M3**
4	0.70	63	12	4.5	3.4	6	5	3.70	21	**E310M4**
5	0.80	70	13	6.0	4.9	8	5	4.60	25	**E310M5**
6	1.00	80	15	6.0	4.9	8	5	5.50	30	**E310M6**
8	1.25	90	18	8.0	6.2	9	5	7.40	35	**E310M8**
10	1.50	100	20	10.0	8.0	11	5	9.30	39	**E310M10**

E323

- Strojní závitníky
- GGépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E323

EGM | HSCo | TiN | DIN 40435 | 6H mod. | 3xD | C 2 - 3.5

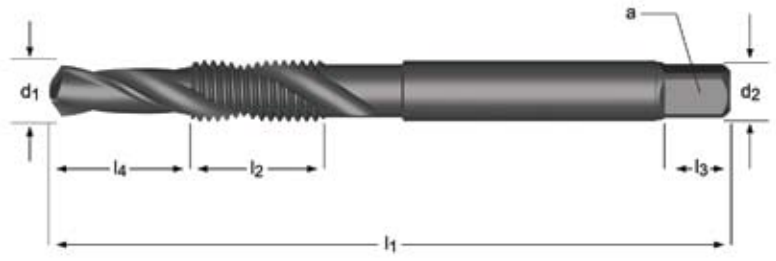
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	63	12	4.5	3.4	6	4	3.40	21	**E323M3**
4	0.70	70	13	6.0	4.9	8	4	4.60	25	**E323M4**
5	0.80	80	15	6.0	4.9	8	4	5.70	30	**E323M5**
6	1.00	90	18	8.0	6.2	9	5	6.80	35	**E323M6**
8	1.25	100	20	10.0	8	11	5	9.10	39	**E323M8**
10	1.50	100	21	9.0	7	10	5	11.30	-	**E323M10**
12	1.75	110	25	11.0	9	12	6	13.50	-	**E323M12**

E650

- Kombi závitníky
- Tarozi combinati
- Kombinált Menetfúró
- Комбинированные метчики
- Wiertlo/gwintownik
- strojni navojni sveder, kombinirani



L126 393

E650

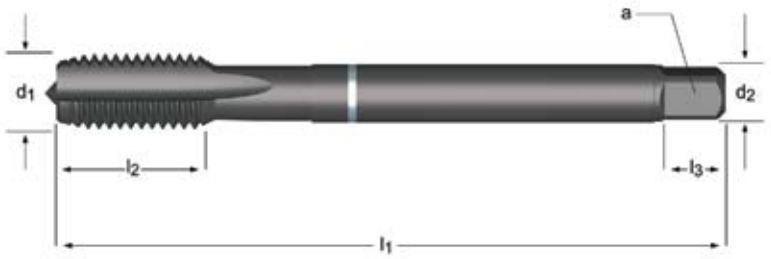
M | HSS | ST | D ISO | 6H | 1.5xD | C 2 - 3 | 30°

● 1.1 1.2 1.3 1.4 3.2 6.2 6.3 7.1 7.2 8.1

M	P mm	d_1 Ø mm	l_1 mm	l_2 mm	l_4 mm	d_2 Ø mm	a mm	l_3 mm	z	e-Code
3	0.50	2.5	56	10	6	3.15	2.5	5.0	2	**E650M3**
4	0.70	3.3	65	12	8	4.0	3.15	6.0	2	**E650M4**
5	0.80	4.2	69	15	10	5.0	4.00	7.0	2	**E650M5**
6	1.00	5.0	84	18	12	6.3	5.00	8.0	2	**E650M6**
8	1.25	6.8	96	21	16	8.0	6.30	9.0	2	**E650M8**
10	1.50	8.5	108	22	20	10.0	8.00	11.0	2	**E650M10**
12	1.75	10.2	113	29	24	9.0	7.10	10.0	2	**E650M12**
14	2.00	12.0	123	30	28	11.2	9.00	12.0	2	**E650M14**
16	2.00	14.0	134	32	32	12.5	10.00	13.0	2	**E650M16**

E269

- Strojní závitníky, bílý Shark
- Gépi Menetfúró, Fehér Shark
- Gwintowniki maszynowe,Bialy Shark
- Tarozi de masina, Shark ALB
- Машинные метчики “White Shark” для чугунов
- strojni navojni sveder, White Shark



E269

MF | HSCo XP | N | DIN 374 | 6HX | 2xD | C 2 - 3

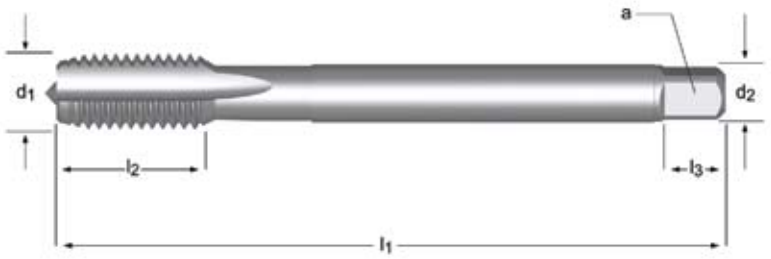
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

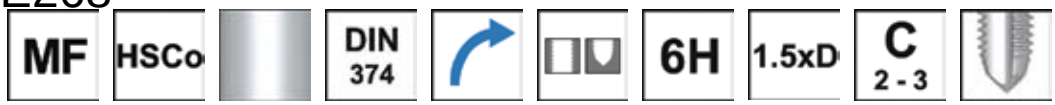
MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
10	1.00	90	20	7	5.5	8	4	9	**E269M10X1.0**
10	1.25	100	20	7	5.5	8	4	8.8	**E269M10X1.25**
12	1.25	100	21	9	7.0	10	4	10.8	**E269M12X1.25**
12	1.50	100	21	9	7.0	10	4	10.5	**E269M12X1.5**
14	1.50	100	21	11	9.0	12	4	12.5	**E269M14X1.5**
16	1.50	100	21	12	9.0	12	4	14.5	**E269M16X1.5**
18	1.50	110	24	14	11.0	14	4	16.5	**E269M18X1.5**
20	1.50	125	24	16	12.0	15	4	18.5	**E269M20X1.5**

E268

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E268



● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

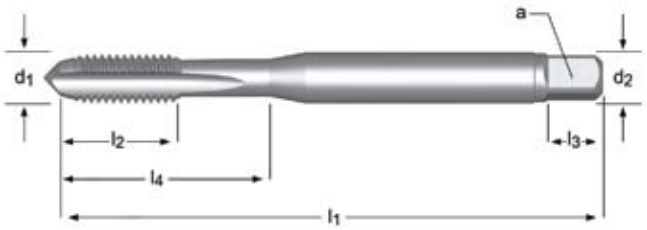
MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
4	0.50	63	10	2.8	2.1	5	3	3.5	E268M4X.5
5	0.50	70	13	3.5	2.7	6	3	4.5	E268M5X.5
6	0.75	80	15	4.5	3.4	6	3	5.3	E268M6X.75
7	0.75	80	15	5.5	4.3	7	3	6.3	E268M7X.75
8	0.75	80	15	6.0	4.9	8	3	7.3	E268M8X.75
8	1.00	90	18	6.0	4.9	8	3	7	E268M8X1.0
9	1.00	90	18	6.0	4.9	8	3	8	E268M9X1.0
10	0.75	90	20	7.0	5.5	8	3	9.3	E268M10X.75
10	1.00	90	20	7.0	5.5	8	3	9	E268M10X1.0
10	1.25	100	20	7.0	5.5	8	3	8.8	E268M10X1.25
11	1.00	90	20	8.0	6.2	9	3	10	E268M11X1.0
12	1.00	100	21	9.0	7.0	10	4	11	E268M12X1.0
12	1.25	100	21	9.0	7.0	10	4	10.8	E268M12X1.25
12	1.50	100	21	9.0	7.0	10	4	10.5	E268M12X1.5
14	1.00	100	21	11.0	9.0	12	4	13	E268M14X1.0
14	1.25	100	21	11.0	9.0	12	4	12.8	E268M14X1.25
14	1.50	100	21	11.0	9.0	12	4	12.5	E268M14X1.5
15	1.50	100	21	12.0	9.0	12	4	13.5	E268M15X1.5
16	1.00	100	21	12.0	9.0	12	4	15	E268M16X1.0
16	1.50	100	21	12.0	9.0	12	4	14.5	E268M16X1.5
18	1.00	110	24	14.0	11.0	14	4	17	E268M18X1.0
18	1.50	110	24	14.0	11.0	14	4	16.5	E268M18X1.5
20	1.00	125	24	16.0	12.0	15	4	19	E268M20X1.0
20	1.50	125	24	16.0	12.0	15	4	18.5	E268M20X1.5
22	1.00	125	25	18.0	14.5	17	4	21	E268M22X1.0
22	1.50	125	25	18.0	14.5	17	4	20.5	E268M22X1.5
24	1.00	140	28	18.0	14.5	17	4	23	E268M24X1.0
24	1.50	140	28	18.0	14.5	17	4	22.5	E268M24X1.5
24	2.00	140	28	18.0	14.5	17	4	22	E268M24X2.0
25	1.50	140	28	18.0	14.5	17	4	23.5	E268M25X1.5
25	2.00	140	28	18.0	14.5	17	4	23	E268M25X2.0
26	1.50	140	28	18.0	14.5	17	4	24.5	E268M26X1.5
26	2.00	140	28	18.0	14.5	17	4	24	E268M26X2.0
27	1.50	140	28	20.0	16.0	19	4	25.5	E268M27X1.5
27	2.00	140	28	20.0	16.0	19	4	25	E268M27X2.0
28	1.50	140	28	20.0	16.0	19	4	26.5	E268M28X1.5
28	2.00	140	28	20.0	16.0	19	4	26	E268M28X2.0
30	1.50	150	28	22.0	18.0	21	4	28.5	E268M30X1.5
30	2.00	150	28	22.0	18.0	21	4	28	E268M30X2.0
32	1.50	150	28	22.0	18.0	21	4	30.5	E268M32X1.5
32	2.00	150	28	22.0	18.0	21	4	30	E268M32X2.0
33	1.50	160	30	25.0	20.0	23	4	31.5	E268M33X1.5
34	1.50	170	30	28.0	22.0	25	4	32.5	E268M34X1.5
35	1.50	170	30	28.0	22.0	25	4	33.5	E268M35X1.5
36	1.50	170	30	28.0	22.0	25	4	34.5	E268M36X1.5
36	2.00	170	30	28.0	22.0	25	4	34	E268M36X2.0

E268

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
36	3.00	200	55	28.0	22.0	25	4	33	**E268M36X3.0**
40	1.50	170	30	32.0	24.0	27	4	38.5	**E268M40X1.5**
40	2.00	170	30	32.0	24.0	27	4	38	**E268M40X2.0**
40	3.00	200	60	32.0	24.0	27	4	37	**E268M40X3.0**
42	1.50	170	30	32.0	24.0	27	4	40.5	**E268M42X1.5**
42	2.00	170	30	32.0	24.0	27	4	40	**E268M42X2.0**
42	3.00	200	60	32.0	24.0	27	4	39	**E268M42X3.0**
45	1.50	180	32	36.0	29.0	32	6	43.5	**E268M45X1.5**
45	2.00	180	32	36.0	29.0	32	6	43	**E268M45X2.0**
45	3.00	200	42	36.0	29.0	32	6	42	**E268M45X3.0**
48	1.50	190	32	36.0	29.0	32	6	46.5	**E268M48X1.5**
48	2.00	190	32	36.0	29.0	32	6	46	**E268M48X2.0**
48	3.00	225	50	36.0	29.0	32	6	45	**E268M48X3.0**
50	1.50	190	32	36.0	29.0	32	6	48.5	**E268M50X1.5**
50	2.00	190	30	36.0	29.0	32	6	48	**E268M50X2.0**
50	3.00	225	50	36.0	29.0	32	6	47	**E268M50X3.0**

E242 / E290

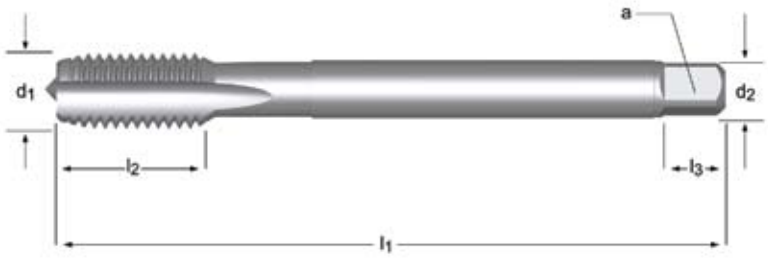
- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



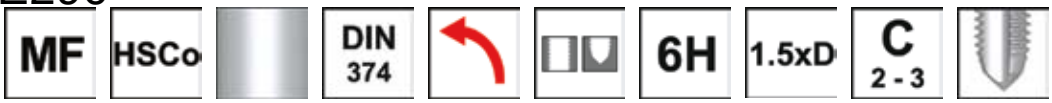
E242

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	1.00	90	18	8.0	6.2	9	3	7	35	**E242M8X1.0**
10	1.00	100	20	10.0	8.0	11	3	9	39	**E242M10X1.0**



E290

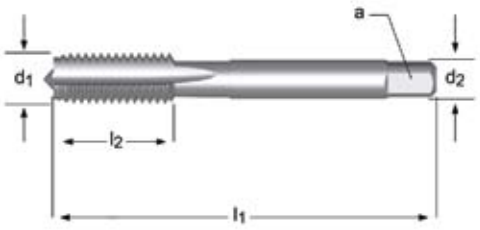


• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.00	100	21	9.0	7.0	10	4	11	**E290M12X1.0**
12	1.50	100	21	9.0	7.0	10	4	10.5	**E290M12X1.5**
14	1.00	100	21	11.0	9.0	12	4	13	**E290M14X1.0**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E290M14X1.5**
16	1.00	100	21	12.0	9.0	12	4	15	**E290M16X1.0**
16	1.50	100	21	12.0	9.0	12	4	14.5	**E290M16X1.5**
18	1.50	110	24	14.0	11.0	14	4	16.5	**E290M18X1.5**
20	1.50	125	24	16.0	12.0	15	4	18.5	**E290M20X1.5**
22	1.50	125	25	18.0	14.5	17	4	20.5	**E290M22X1.5**
24	1.50	140	28	18.0	14.5	17	4	22.5	**E290M24X1.5**

E105

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E105

MF | HSS | DIN 2181 | 6H | 1.5xD | C 2 - 3

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
2.5	0.35	40	9	2.8	2.1	3	2.15	**E105M2.5X.35NO3**
2.5	0.35	40	9	2.8	2.1	3	2.15	**E105M2.5X.35NO5**
2.5	0.35	40	9	2.8	2.1	3	2.15	**E105M2.5X.35NO9**
3	0.35	40	9	3.5	2.7	3	2.65	**E105M3X.35NO3**
3	0.35	40	9	3.5	2.7	3	2.65	**E105M3X.35NO5**
3	0.35	40	9	3.5	2.7	3	2.65	**E105M3X.35NO9**
3.5	0.35	45	10	4.0	3.0	3	3.2	**E105M3.5X.35NO3**
3.5	0.35	45	10	4.0	3.0	3	3.2	**E105M3.5X.35NO5**
3.5	0.35	45	10	4.0	3.0	3	3.2	**E105M3.5X.35NO9**
4	0.50	45	12	4.5	3.4	3	3.5	**E105M4X.5NO3**
4	0.50	45	12	4.5	3.4	3	3.5	**E105M4X.5NO5**
4	0.50	45	12	4.5	3.4	3	3.5	**E105M4X.5NO9**
5	0.50	50	14	6.0	4.9	3	4.5	**E105M5X.5NO3**
5	0.50	50	14	6.0	4.9	3	4.5	**E105M5X.5NO5**
5	0.50	50	14	6.0	4.9	3	4.5	**E105M5X.5NO9**
5.5	0.50	56	16	6.0	4.9	3	5	**E105M5.5X.5NO9**
6	0.75	56	16	6.0	4.9	3	5.3	**E105M6X.75NO3**
6	0.75	56	16	6.0	4.9	3	5.3	**E105M6X.75NO5**
6	0.75	56	16	6.0	4.9	3	5.3	**E105M6X.75NO9**
7	0.75	56	16	6.0	4.9	3	6.3	**E105M7X.75NO3**
7	0.75	56	16	6.0	4.9	3	6.3	**E105M7X.75NO5**
7	0.75	56	16	6.0	4.9	3	6.3	**E105M7X.75NO9**
8	0.75	56	16	6.0	4.9	3	7.3	**E105M8X.75NO3**
8	0.75	56	16	6.0	4.9	3	7.3	**E105M8X.75NO5**
8	0.75	56	16	6.0	4.9	3	7.3	**E105M8X.75NO9**
8	1.00	63	19	6.0	4.9	3	7	**E105M8X1.0NO3**
8	1.00	63	19	6.0	4.9	3	7	**E105M8X1.0NO5**
8	1.00	63	19	6.0	4.9	3	7	**E105M8X1.0NO9**
9	0.75	63	19	7.0	5.5	3	8.3	**E105M9X.75NO3**
9	0.75	63	19	7.0	5.5	3	8.3	**E105M9X.75NO5**
9	0.75	63	19	7.0	5.5	3	8.3	**E105M9X.75NO9**
9	1.00	63	19	7.0	5.5	3	8	**E105M9X1.0NO3**
9	1.00	63	19	7.0	5.5	3	8	**E105M9X1.0NO5**
9	1.00	63	19	7.0	5.5	3	8	**E105M9X1.0NO9**
10	0.75	63	16	7.0	5.5	3	9.3	**E105M10X.75NO3**
10	0.75	63	16	7.0	5.5	3	9.3	**E105M10X.75NO5**
10	0.75	63	16	7.0	5.5	3	9.3	**E105M10X.75NO9**
10	1.00	63	16	7.0	5.5	3	9	**E105M10X1.0NO3**
10	1.00	63	16	7.0	5.5	3	9	**E105M10X1.0NO5**
10	1.00	63	16	7.0	5.5	3	9	**E105M10X1.0NO9**
10	1.25	70	22	7.0	5.5	3	8.8	**E105M10X1.25NO3**
10	1.25	70	22	7.0	5.5	3	8.8	**E105M10X1.25NO5**
10	1.25	70	22	7.0	5.5	3	8.8	**E105M10X1.25NO9**
11	0.75	63	15	8.0	6.2	3	10.3	**E105M11X.75NO3**
11	0.75	63	15	8.0	6.2	3	10.3	**E105M11X.75NO5**
11	0.75	63	15	8.0	6.2	3	10.3	**E105M11X.75NO9**

NO1 | NO9 299

E105

DORMER

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z	↔	e-Code
11	1.00	63	15	8.0	6.2	3	10	E105M11X1.0NO3
11	1.00	63	15	8.0	6.2	3	10	E105M11X1.0NO5
11	1.00	63	15	8.0	6.2	3	10	E105M11X1.0NO9
12	1.00	70	16	9.0	7.0	3	11	E105M12X1.0NO3
12	1.00	70	16	9.0	7.0	3	11	E105M12X1.0NO5
12	1.00	70	16	9.0	7.0	3	11	E105M12X1.0NO9
12	1.25	70	16	9.0	7.0	3	10.8	E105M12X1.25NO3
12	1.25	70	16	9.0	7.0	3	10.8	E105M12X1.25NO5
12	1.25	70	16	9.0	7.0	3	10.8	E105M12X1.25NO9
12	1.50	70	16	9.0	7.0	3	10.5	E105M12X1.5NO3
12	1.50	70	16	9.0	7.0	3	10.5	E105M12X1.5NO5
12	1.50	70	16	9.0	7.0	3	10.5	E105M12X1.5NO9
14	1.00	70	16	11.0	9.0	4	13	E105M14X1.0NO3
14	1.00	70	16	11.0	9.0	4	13	E105M14X1.0NO5
14	1.00	70	16	11.0	9.0	4	13	E105M14X1.0NO9
14	1.25	70	16	11.0	9.0	4	12.8	E105M14X1.25NO3
14	1.25	70	16	11.0	9.0	4	12.8	E105M14X1.25NO5
14	1.25	70	16	11.0	9.0	4	12.8	E105M14X1.25NO9
14	1.50	70	16	11.0	9.0	4	12.5	E105M14X1.5NO3
14	1.50	70	16	11.0	9.0	4	12.5	E105M14X1.5NO5
14	1.50	70	16	11.0	9.0	4	12.5	E105M14X1.5NO9
15	1.00	70	16	12.0	9.0	4	14	E105M15X1.0NO3
15	1.00	70	16	12.0	9.0	4	14	E105M15X1.0NO5
15	1.00	70	16	12.0	9.0	4	14	E105M15X1.0NO9
15	1.50	70	16	12.0	9.0	4	13.5	E105M15X1.5NO3
15	1.50	70	16	12.0	9.0	4	13.5	E105M15X1.5NO5
15	1.50	70	16	12.0	9.0	4	13.5	E105M15X1.5NO9
16	1.00	70	16	12.0	9.0	4	15	E105M16X1.0NO3
16	1.00	70	16	12.0	9.0	4	15	E105M16X1.0NO5
16	1.00	70	16	12.0	9.0	4	15	E105M16X1.0NO9
16	1.50	70	16	12.0	9.0	4	14.5	E105M16X1.5NO3
16	1.50	70	16	12.0	9.0	4	14.5	E105M16X1.5NO5
16	1.50	70	16	12.0	9.0	4	14.5	E105M16X1.5NO9
18	1.00	80	18	14.0	11.0	4	17	E105M18X1.0NO3
18	1.00	80	18	14.0	11.0	4	17	E105M18X1.0NO5
18	1.00	80	18	14.0	11.0	4	17	E105M18X1.0NO9
18	1.50	80	18	14.0	11.0	4	16.5	E105M18X1.5NO3
18	1.50	80	18	14.0	11.0	4	16.5	E105M18X1.5NO5
18	1.50	80	18	14.0	11.0	4	16.5	E105M18X1.5NO9
20	1.00	80	18	16.0	12.0	4	19	E105M20X1.0NO3
20	1.00	80	18	16.0	12.0	4	19	E105M20X1.0NO5
20	1.00	80	18	16.0	12.0	4	19	E105M20X1.0NO9
20	1.50	80	18	16.0	12.0	4	18.5	E105M20X1.5NO3
20	1.50	80	18	16.0	12.0	4	18.5	E105M20X1.5NO5
20	1.50	80	18	16.0	12.0	4	18.5	E105M20X1.5NO9
22	1.00	80	22	18.0	14.5	4	21	E105M22X1.0NO3
22	1.00	80	22	18.0	14.5	4	21	E105M22X1.0NO5
22	1.00	80	22	18.0	14.5	4	21	E105M22X1.0NO9
22	1.50	80	22	18.0	14.5	4	20.5	E105M22X1.5NO3
22	1.50	80	22	18.0	14.5	4	20.5	E105M22X1.5NO5
22	1.50	80	22	18.0	14.5	4	20.5	E105M22X1.5NO9
24	1.00	90	22	18.0	14.5	4	23	E105M24X1.0NO3
24	1.00	90	22	18.0	14.5	4	23	E105M24X1.0NO5
24	1.00	90	22	18.0	14.5	4	23	E105M24X1.0NO9
24	1.50	90	22	18.0	14.5	4	22.5	E105M24X1.5NO3
24	1.50	90	22	18.0	14.5	4	22.5	E105M24X1.5NO5
24	1.50	90	22	18.0	14.5	4	22.5	E105M24X1.5NO9
24	2.00	90	22	18.0	14.5	4	22	E105M24X2.0NO3
24	2.00	90	22	18.0	14.5	4	22	E105M24X2.0NO5
24	2.00	90	22	18.0	14.5	4	22	E105M24X2.0NO9
25	1.50	90	22	18.0	14.5	4	23.5	E105M25X1.5NO3
25	1.50	90	22	18.0	14.5	4	23.5	E105M25X1.5NO5
25	1.50	90	22	18.0	14.5	4	23.5	E105M25X1.5NO9
25	2.00	90	22	18.0	14.5	4	23	E105M25X2.0NO3
25	2.00	90	22	18.0	14.5	4	23	E105M25X2.0NO9
25	2.00	90	22	18.0	14.5	4	23	E105M25X2.0NO5
27	1.50	90	22	20.0	16.0	4	25.5	E105M27X1.5NO3
27	1.50	90	22	20.0	16.0	4	25.5	E105M27X1.5NO5
27	1.50	90	22	20.0	16.0	4	25.5	E105M27X1.5NO9
27	2.00	90	22	20.0	16.0	4	25	E105M27X2.0NO3
27	2.00	90	22	20.0	16.0	4	25	E105M27X2.0NO5
27	2.00	90	22	20.0	16.0	4	25	E105M27X2.0NO9

NO1 ↓ NO9 299

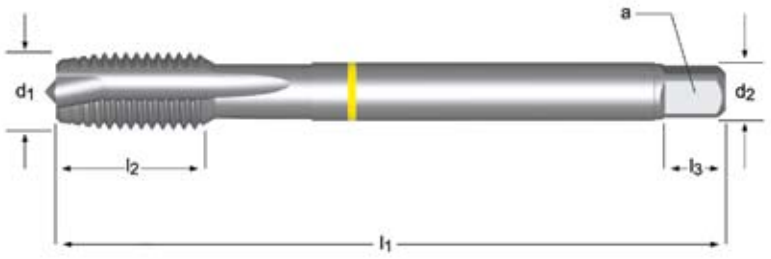
E105

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
28	1.50	90	22	20.0	16.0	4	26.5	**E105M28X1.5NO3**
28	1.50	90	22	20.0	16.0	4	26.5	**E105M28X1.5NO5**
28	1.50	90	22	20.0	16.0	4	26.5	**E105M28X1.5NO9**
28	2.00	90	22	20.0	16.0	4	26	**E105M28X2.0NO3**
28	2.00	90	22	20.0	16.0	4	26	**E105M28X2.0NO5**
28	2.00	90	22	20.0	16.0	4	26	**E105M28X2.0NO9**
30	1.50	90	22	22.0	18.0	4	28.5	**E105M30X1.5NO3**
30	1.50	90	22	22.0	18.0	4	28.5	**E105M30X1.5NO5**
30	1.50	90	22	22.0	18.0	4	28.5	**E105M30X1.5NO9**
30	2.00	90	22	22.0	18.0	4	28	**E105M30X2.0NO3**
30	2.00	90	22	22.0	18.0	4	28	**E105M30X2.0NO5**
30	2.00	90	22	22.0	18.0	4	28	**E105M30X2.0NO9**
32	1.50	90	22	22.0	18.0	4	30.5	**E105M32X1.5NO3**
32	1.50	90	22	22.0	18.0	4	30.5	**E105M32X1.5NO5**
32	1.50	90	22	22.0	18.0	4	30.5	**E105M32X1.5NO9**
32	2.00	90	22	22.0	18.0	4	30	**E105M32X2.0NO3**
32	2.00	90	22	22.0	18.0	4	30	**E105M32X2.0NO5**
32	2.00	90	22	22.0	18.0	4	30	**E105M32X2.0NO9**
36	1.50	100	25	28.0	22.0	4	34.5	**E105M36X1.5NO3**
36	1.50	100	25	28.0	22.0	4	34.5	**E105M36X1.5NO5**
36	1.50	100	25	28.0	22.0	4	34.5	**E105M36X1.5NO9**
36	2.00	125	40	28.0	22.0	4	34	**E105M36X2.0NO3**
36	2.00	125	40	28.0	22.0	4	34	**E105M36X2.0NO5**
36	2.00	125	40	28.0	22.0	4	34	**E105M36X2.0NO9**
36	3.00	125	40	28.0	22.0	4	33	**E105M36X3.0NO3**
36	3.00	125	40	28.0	22.0	4	33	**E105M36X3.0NO5**
36	3.00	125	40	28.0	22.0	4	33	**E105M36X3.0NO9**
40	1.50	110	25	32.0	24.0	4	38.5	**E105M40X1.5NO3**
40	1.50	110	25	32.0	24.0	4	38.5	**E105M40X1.5NO5**
40	1.50	110	25	32.0	24.0	4	38.5	**E105M40X1.5NO9**
40	2.00	125	40	32.0	24.0	4	38	**E105M40X2.0NO3**
40	2.00	125	40	32.0	24.0	4	38	**E105M40X2.0NO5**
40	2.00	125	40	32.0	24.0	4	38	**E105M40X2.0NO9**
40	3.00	125	40	32.0	24.0	4	37	**E105M40X3.0NO3**
40	3.00	125	40	32.0	24.0	4	37	**E105M40X3.0NO5**
40	3.00	125	40	32.0	24.0	4	37	**E105M40X3.0NO9**
42	1.50	110	25	32.0	24.0	4	40.5	**E105M42X1.5NO3**
42	1.50	110	25	32.0	24.0	4	40.5	**E105M42X1.5NO5**
42	1.50	110	25	32.0	24.0	4	40.5	**E105M42X1.5NO9**
42	2.00	125	40	32.0	24.0	4	40	**E105M42X2.0NO3**
42	2.00	125	40	32.0	24.0	4	40	**E105M42X2.0NO5**
42	2.00	125	40	32.0	24.0	4	40	**E105M42X2.0NO9**
42	3.00	125	40	32.0	24.0	4	39	**E105M42X3.0NO3**
42	3.00	125	40	32.0	24.0	4	39	**E105M42X3.0NO5**
42	3.00	125	40	32.0	24.0	4	39	**E105M42X3.0NO9**
45	1.50	110	25	36.0	29.0	6	43.5	**E105M45X1.5NO3**
45	1.50	110	25	36.0	29.0	6	43.5	**E105M45X1.5NO5**
45	1.50	110	25	36.0	29.0	6	43.5	**E105M45X1.5NO9**
45	2.00	125	40	36.0	29.0	6	43	**E105M45X2.0NO3**
45	2.00	125	40	36.0	29.0	6	43	**E105M45X2.0NO5**
45	2.00	125	40	36.0	29.0	6	43	**E105M45X2.0NO9**
45	3.00	125	40	36.0	29.0	6	42	**E105M45X3.0NO3**
45	3.00	125	40	36.0	29.0	6	42	**E105M45X3.0NO5**
45	3.00	125	40	36.0	29.0	6	42	**E105M45X3.0NO9**
48	1.50	140	40	36.0	29.0	6	46.5	**E105M48X1.5NO3**
48	1.50	140	40	36.0	29.0	6	46.5	**E105M48X1.5NO5**
48	1.50	140	40	36.0	29.0	6	46.5	**E105M48X1.5NO9**
48	2.00	140	40	36.0	29.0	6	46	**E105M48X2.0NO3**
48	2.00	140	40	36.0	29.0	6	46	**E105M48X2.0NO5**
48	2.00	140	40	36.0	29.0	6	46	**E105M48X2.0NO9**
48	3.00	140	40	36.0	29.0	6	45	**E105M48X3.0NO3**
48	3.00	140	40	36.0	29.0	6	45	**E105M48X3.0NO5**
48	3.00	140	40	36.0	29.0	6	45	**E105M48X3.0NO9**
50	1.50	140	40	36.0	29.0	6	48.5	**E105M50X1.5NO3**
50	1.50	140	40	36.0	29.0	6	48.5	**E105M50X1.5NO5**
50	1.50	140	40	36.0	29.0	6	48.5	**E105M50X1.5NO9**
50	2.00	140	40	36.0	29.0	6	48	**E105M50X2.0NO3**
50	2.00	140	40	36.0	29.0	6	48	**E105M50X2.0NO5**
50	2.00	140	40	36.0	29.0	6	48	**E105M50X2.0NO9**
50	3.00	140	40	36.0	29.0	6	47	**E105M50X3.0NO3**
50	3.00	140	40	36.0	29.0	6	47	**E105M50X3.0NO5**
50	3.00	140	40	36.0	29.0	6	47	**E105M50X3.0NO9**

NO1 | NO9 299

E365

- Strojní závitníky, žlutý Shark
- Gépi Menetfúró, Sárga Shark
- Gwintowniki maszynowe,Zólty Shark
- Tarozi de masina, Shark GALBEN
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- strojni navojni sveder, Yellow Shark



E365

MF | HSCo | Cr | DIN 374 | 6H | 2.5xD | B 3.5 - 5

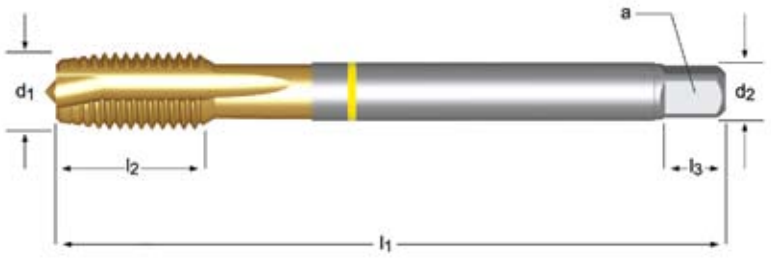
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
3	0.35	56	10	2.2	-	-	3	2.65	**E365M3X.35**
3.5	0.35	56	10	2.5	2.1	5	3	3.2	**E365M3.5X.35**
4	0.50	63	12	2.8	2.1	5	3	3.5	**E365M4X.5**
5	0.50	70	13	3.5	2.7	6	3	4.5	**E365M5X.5**
6	0.75	80	15	4.5	3.4	6	3	5.3	**E365M6X.75**
7	0.75	80	15	5.5	4.3	7	3	6.3	**E365M7X.75**
8	0.75	80	15	6.0	4.9	8	3	7.3	**E365M8X.75**
8	1.00	90	18	6.0	4.9	8	3	7	**E365M8X1.0**
10	0.75	90	20	7.0	5.5	8	3	9.3	**E365M10X.75**
10	1.00	90	20	7.0	5.5	8	3	9	**E365M10X1.0**
10	1.25	100	20	7.0	5.5	8	3	8.8	**E365M10X1.25**
12	1.00	100	21	9.0	7.0	10	4	11	**E365M12X1.0**
12	1.25	100	21	9.0	7.0	10	4	10.8	**E365M12X1.25**
12	1.50	110	21	9.0	7.0	10	4	10.5	**E365M12X1.5**
14	1.00	100	21	11.0	9.0	12	4	13	**E365M14X1.0**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E365M14X1.5**
16	1.00	100	21	12.0	9.0	12	4	15	**E365M16X1.0**
16	1.50	100	21	12.0	9.0	12	4	14.5	**E365M16X1.5**
18	1.00	110	24	14.0	11.0	14	4	17	**E365M18X1.0**
18	1.50	110	24	14.0	11.0	14	4	16.5	**E365M18X1.5**
20	1.00	125	24	16.0	12.0	15	4	19	**E365M20X1.0**
20	1.50	125	24	16.0	12.0	15	4	18.5	**E365M20X1.5**
22	1.50	125	25	18.0	14.5	17	4	20.5	**E365M22X1.5**
24	1.50	140	28	18.0	14.5	17	4	22.5	**E365M24X1.5**
24	2.00	140	28	18.0	14.5	17	4	22	**E365M24X2.0**
27	1.50	140	28	20.0	16.0	19	4	25.5	**E365M27X1.5**
27	2.00	140	28	20.0	16.0	19	4	25	**E365M27X2.0**
28	1.50	140	28	20.0	16.0	19	4	26.5	**E365M28X1.5**
30	1.50	150	28	22.0	18.0	21	4	28.5	**E365M30X1.5**
30	2.00	150	28	22.0	18.0	21	4	28	**E365M30X2.0**

E411

- Strojní závitníky, žlutý Shark
- Tarozi de masina, Shark GALBEN
- Gépi Menetfúró, Sárga Shark
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- Gwintowniki maszynowe,Zólty Shark
- strojni navojni sveder, Yellow Shark



E411

MF | HSCo | TiN | DIN 374 | 6H | 2.5xD | B 3.5 - 5

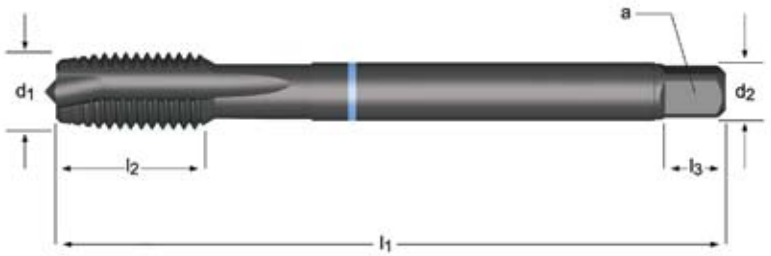
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
8	1.00	90	18	6.0	4.9	8	3	7	**E411M8X1.0**
10	1.00	90	20	7.0	5.5	8	3	9	**E411M10X1.0**
10	1.25	100	20	7.0	5.5	8	3	8.8	**E411M10X1.25**
12	1.00	100	21	9.0	7.0	10	4	11	**E411M12X1.0**
12	1.25	100	21	9.0	7.0	10	4	10.8	**E411M12X1.25**
12	1.50	110	21	9.0	7.0	10	4	10.5	**E411M12X1.5**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E411M14X1.5**
16	1.50	100	21	12.0	9.0	12	4	14.5	**E411M16X1.5**
18	1.50	110	24	14.0	11.0	14	4	16.5	**E411M18X1.5**
20	1.50	125	24	16.0	12.0	15	4	18.5	**E411M20X1.5**

E364

- Strojní závitníky, modrý Shark
- Tarozi de masina, Shark ALBASTRU
- Gépi Menetfúró, Kék Shark
- Машинные метчики “Blue Shark” для нержавеющих сталей
- Gwintowniki maszynowe,Niebieski Shark
- strojni navojni sveder, Blue Shark



E364

MF | HSCo | ST | DIN 374 | 6H | 2.5xD | B 3.5 - 5

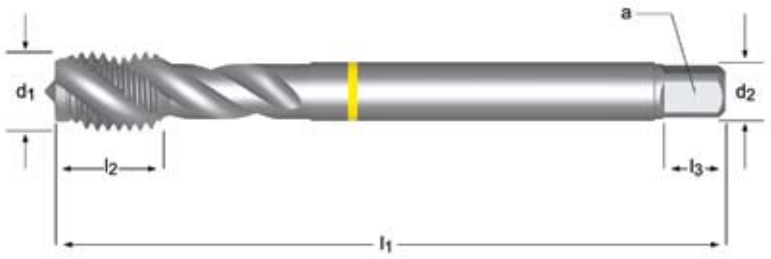
■ 2.1 2.2 2.3

● 1.5 1.6

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
6	0.75	80	15	4.5	3.4	6	3	5.3	**E364M6X.75**
8	1.00	90	18	6.0	4.9	8	3	7	**E364M8X1.0**
10	1.00	90	20	7.0	5.5	8	3	9	**E364M10X1.0**
10	1.25	100	20	7.0	5.5	8	3	8.8	**E364M10X1.25**
12	1.00	100	21	9.0	7.0	10	4	11	**E364M12X1.0**
12	1.25	100	21	9.0	7.0	10	4	10.8	**E364M12X1.25**
12	1.50	100	21	9.0	7.0	10	4	10.5	**E364M12X1.5**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E364M14X1.5**
16	1.50	100	21	12.0	9.0	12	5	14.5	**E364M16X1.5**
18	1.50	110	24	14.0	11.0	14	5	16.5	**E364M18X1.5**
20	1.50	125	24	16.0	12.0	15	5	18.5	**E364M20X1.5**

E366

- Strojní závitníky, žlutý Shark
- Tarozi de masina, Shark GALBEN
- Gépi Menetfúró, Sárga Shark
- Машинные метчики “Yellow Shark” для вязких сталей и металлов
- Gwintowniki maszynowe,Zólty Shark
- strojni navojni sveder, Yellow Shark



E366

MF | HSCo | Cr | DIN 374 | 6H | 2xD | C 2 - 3 | 40°

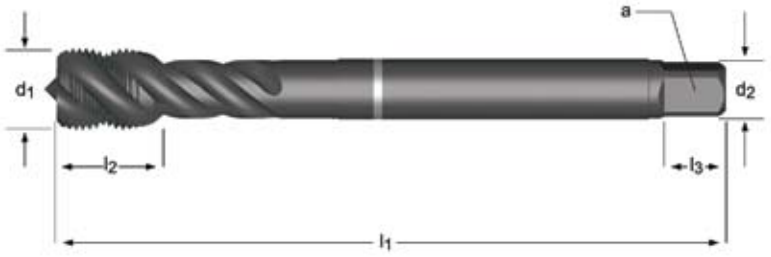
■ 1.1 1.2 1.3 6.1 6.3

● 1.4 1.5 6.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
6	0.75	80	10	4.5	3.4	6	3	5.3	**E366M6X.75**
8	1.00	90	13	6.0	4.9	8	3	7	**E366M8X1.0**
10	1.00	90	12	7.0	5.5	8	3	9	**E366M10X1.0**
10	1.25	100	15	7.0	5.5	8	3	8.8	**E366M10X1.25**
12	1.25	100	13	9.0	7.0	10	4	10.8	**E366M12X1.25**
12	1.50	100	13	9.0	7.0	10	4	10.5	**E366M12X1.5**
14	1.50	100	15	11.0	9.0	12	4	12.5	**E366M14X1.5**
16	1.50	100	15	12.0	9.0	12	5	14.5	**E366M16X1.5**
18	1.50	110	17	14.0	11.0	14	5	16.5	**E366M18X1.5**
20	1.50	125	17	16.0	12.0	15	5	18.5	**E366M20X1.5**

E405

- Strojní závitníky, stříbrný Shark
- Gépi Menetfúró, Szürke Shark
- Gwintowniki maszynowe,Srebrny Shark
- Tarozi de masina, Shark ARGINTIU
- Машинные метчики “Silver Shark”
- strojni navojni sveder, Silver Shark



E405

MF | HSCo | ST TiAlN | DIN 374 | 6H | 3xD | C 2 - 3 | 48°

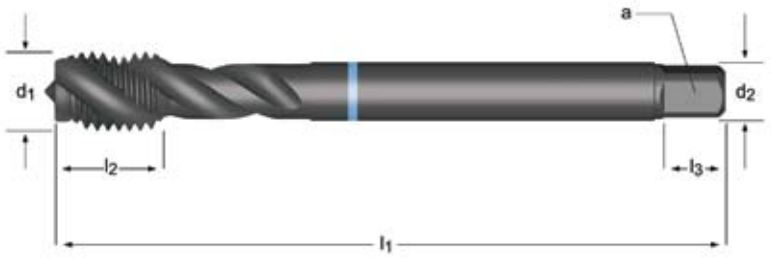
■ 1.1 1.2 1.3 1.4 1.5

● 2.1 2.2 2.3 7.1 7.2

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
8	1.00	90	13	6.0	4.9	8	3	7	**E405M8X1.0**
10	1.00	90	12	7.0	5.5	8	3	9	**E405M10X1.0**
10	1.25	100	15	7.0	5.5	8	3	8.8	**E405M10X1.25**
12	1.00	100	13	9.0	7.0	10	4	11.0	**E405M12X1.0**
12	1.25	100	13	9.0	7.0	10	4	10.8	**E405M12X1.25**
12	1.50	100	13	9.0	7.0	10	4	10.5	**E405M12X1.5**
14	1.50	100	15	11.0	9.0	12	4	12.5	**E405M14X1.5**
16	1.50	100	15	12.0	9.0	12	4	14.5	**E405M16X1.5**
18	1.50	110	17	14.0	11.0	14	4	16.5	**E405M18X1.5**
20	1.50	125	17	16.0	12.0	15	4	18.5	**E405M20X1.5**

E363

- Strojní závitníky, modrý Shark
- Tarozi de masina, Shark ALBASTRU
- Gépi Menetfúró, Kék Shark
- Машинные метчики “Blue Shark” для нержавеющих сталей
- Gwintowniki maszynowe,Niebieski Shark
- strojni navojni sveder, Blue Shark



SHARK LINE

E363

MF | HSCo | ST | DIN 374 | 6H | 2xD | C 2 - 3 | 40°

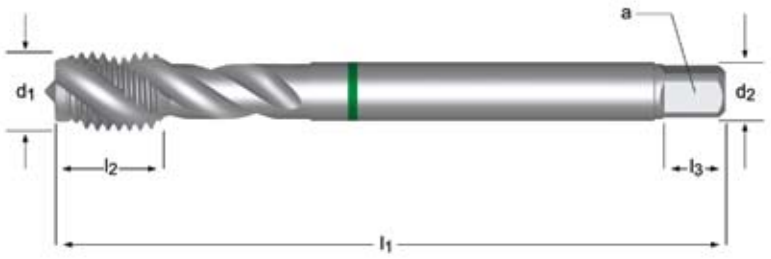
■ 2.1 2.2 2.3

● 1.5 1.6

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
6	0.75	80	10	4.5	3.4	6	3	5.3	**E363M6X.75**
8	1.00	90	13	6.0	4.9	8	3	7	**E363M8X1.0**
10	1.00	90	12	7.0	5.5	8	3	9	**E363M10X1.0**
10	1.25	100	15	7.0	5.5	8	3	8.8	**E363M10X1.25**
12	1.00	100	13	9.0	7.0	10	4	11	**E363M12X1.0**
12	1.25	100	13	9.0	7.0	10	4	10.8	**E363M12X1.25**
12	1.50	100	13	9.0	7.0	10	4	10.5	**E363M12X1.5**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E363M14X1.5**
16	1.50	100	21	12.0	9.0	12	5	14.5	**E363M16X1.5**
18	1.50	110	24	14.0	11.0	14	5	16.5	**E363M18X1.5**
20	1.50	125	24	16.0	12.0	15	5	18.5	**E363M20X1.5**

E367

- Strojní závitníky, zelený Shark
- Tarozi de masina, Shark VERDE
- Gépi Menetfúró, Zöld Shark
- Машинные метчики “Green Shark” для цветных металлов
- Gwintowniki maszynowe,Zielony Shark
- strojni navojni sveder, Green Shark



SHARK LINE

E367

MF | HSCo | DIN 374 | 6H | 2.5xD | C 2 - 3 | 35°

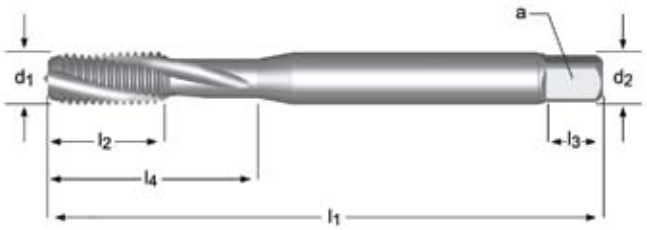
■ 4.1 5.1 7.1 7.2 8.1

● 1.2 1.3 6.1 6.3 7.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
4	0.50	63	12	2.8	2.1	5	2	3.5	**E367M4X.5**
5	0.50	70	13	3.5	2.7	6	2	4.5	**E367M5X.5**
6	0.75	80	15	4.5	3.4	6	2	5.3	**E367M6X.75**
8	1.00	90	18	6.0	4.9	8	2	7	**E367M8X1.0**
10	1.00	90	20	7.0	5.5	8	3	9	**E367M10X1.0**
10	1.25	100	20	7.0	5.5	8	3	8.8	**E367M10X1.25**
12	1.25	100	21	9.0	7.0	10	3	10.8	**E367M12X1.25**
12	1.50	100	21	9.0	7.0	10	3	10.5	**E367M12X1.5**
14	1.25	100	21	11.0	9.0	12	3	12.8	**E367M14X1.25**
14	1.50	100	21	11.0	9.0	12	3	12.5	**E367M14X1.5**
16	1.50	100	21	12.0	9.0	12	3	14.5	**E367M16X1.5**
18	1.50	110	24	14.0	11.0	14	3	16.5	**E367M18X1.5**
20	1.50	125	24	16.0	12.0	15	3	18.5	**E367M20X1.5**

E219

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E219

MF | HSCo | DIN 371 | 6H | 1.5xD | C 2 - 3 | 15°

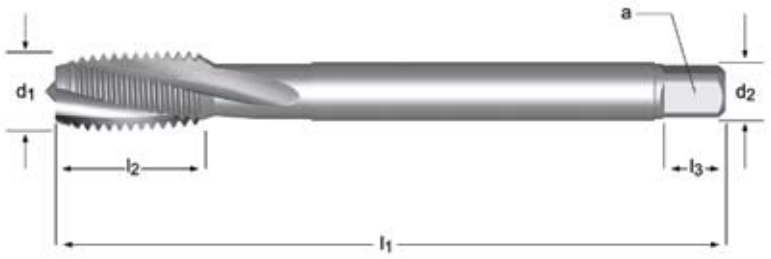
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
4	0.50	63	7	4.5	3.4	6	3	3.5	21	**E219M4X.5**
5	0.50	70	8	6.0	4.9	8	3	4.5	25	**E219M5X.5**
6	0.75	80	10	6.0	4.9	8	3	5.3	30	**E219M6X.75**
8	1.00	90	18	8.0	6.2	9	3	7	35	**E219M8X1.0**
10	1.00	100	20	10.0	8.0	11	3	9	39	**E219M10X1.0**
10	1.25	100	20	10.0	8.0	11	3	8.8	39	**E219M10X1.25**

E270

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E270

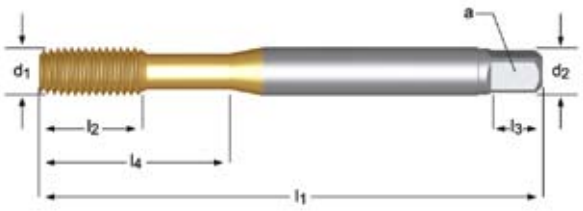
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
6	0.75	80	15	4.5	3.4	6	3	5.3	**E270M6X.75**
8	0.75	80	15	6.0	4.9	8	3	7.3	**E270M8X.75**
8	1.00	90	18	6.0	4.9	8	3	7	**E270M8X1.0**
10	0.75	90	20	7.0	5.5	8	3	9.3	**E270M10X.75**
10	1.00	90	20	7.0	5.5	8	3	9	**E270M10X1.0**
10	1.25	100	20	7.0	5.5	8	3	8.8	**E270M10X1.25**
12	1.00	100	21	9.0	7.0	10	4	11	**E270M12X1.0**
12	1.25	100	21	9.0	7.0	10	4	10.8	**E270M12X1.25**
12	1.50	100	21	9.0	7.0	10	4	10.5	**E270M12X1.5**
14	1.00	100	21	11.0	9.0	12	4	13	**E270M14X1.0**
14	1.25	100	21	11.0	9.0	12	4	12.8	**E270M14X1.25**
14	1.50	100	21	11.0	9.0	12	4	12.5	**E270M14X1.5**
16	1.00	100	21	12.0	9.0	12	4	15	**E270M16X1.0**
16	1.50	100	21	12.0	9.0	12	4	14.5	**E270M16X1.5**
18	1.00	110	24	14.0	11.0	14	4	17	**E270M18X1.0**
18	1.50	110	24	14.0	11.0	14	4	16.5	**E270M18X1.5**
20	1.00	125	24	16.0	12.0	15	4	19	**E270M20X1.0**
20	1.50	125	24	16.0	12.0	15	4	18.5	**E270M20X1.5**
22	1.00	125	25	18.0	14.5	17	4	21	**E270M22X1.0**
22	1.50	125	25	18.0	14.5	17	4	20.5	**E270M22X1.5**
24	1.00	140	28	18.0	14.5	17	4	23	**E270M24X1.0**
24	1.50	140	28	18.0	14.5	17	4	22.5	**E270M24X1.5**
24	2.00	140	28	18.0	14.5	17	4	22	**E270M24X2.0**
25	1.50	140	28	18.0	14.5	17	4	23.5	**E270M25X1.5**
25	2.00	140	28	18.0	14.5	17	4	23	**E270M25X2.0**
26	1.50	140	28	18.0	14.5	17	4	24.5	**E270M26X1.5**
26	2.00	140	28	18.0	14.5	17	4	24	**E270M26X2.0**
27	1.50	140	28	20.0	16.0	19	4	25.5	**E270M27X1.5**
27	2.00	140	28	20.0	16.0	19	4	25	**E270M27X2.0**
28	1.50	140	28	20.0	16.0	19	4	26.5	**E270M28X1.5**
28	2.00	140	28	20.0	16.0	19	4	26	**E270M28X2.0**
30	1.50	150	28	22.0	18.0	21	4	28.5	**E270M30X1.5**
30	2.00	150	28	22.0	18.0	21	4	28	**E270M30X2.0**

E317

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E317

MF | HSCo | TiN | DIN 2174 | 6HX | 3xD | C 2 - 3.5

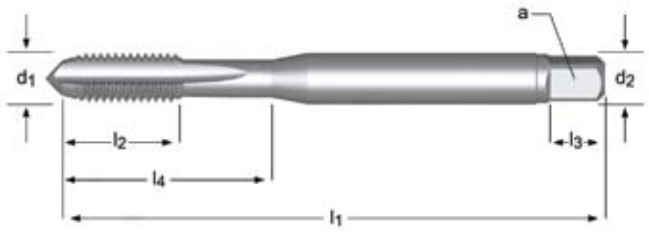
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
5	0.50	70	13	6.0	4.9	8	5	4.80	25	**E317M5X0.5**
6	0.75	80	15	6.0	4.9	8	5	5.70	30	**E317M6X0.75**
7	0.75	80	15	7.0	5.5	8	5	6.70	30	**E317M7X0.75**
8	1.00	90	18	8.0	6.2	9	5	7.50	35	**E317M8X1**
10	1.00	100	20	10.0	8.0	11	5	9.50	39	**E317M10X1**
10	1.25	100	20	10.0	8.0	11	5	9.40	39	**E317M10X1.25**

E225

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E225

UNC | HSCo | DIN 371 | 2B | 1.5xD | C 2 - 3

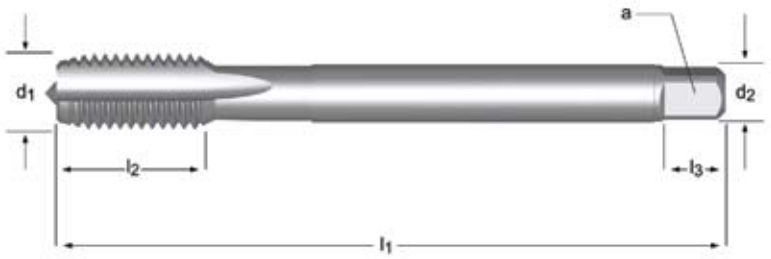
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	56	2.184	45	7	2.8	2.1	5	3	1.9	12	**E2252-56**
3	48	2.515	50	8	2.8	2.1	5	3	2.1	12.5	**E2253-48NO3**
4	40	2.845	56	9	3.5	2.7	6	3	2.35	18	**E2254-40**
5	40	3.175	56	10	3.5	2.7	6	3	2.65	18	**E2255-40**
6	32	3.505	56	11	4.0	3.0	6	3	2.85	20	**E2256-32**
8	32	4.166	63	12	4.5	3.4	8	3	3.5	21	**E2258-32**
10	24	4.826	70	13	6.0	4.9	8	3	3.9	25	**E22510-24**
12	24	5.486	80	15	6.0	4.9	8	3	4.5	30	**E22512-24**
1/4	20	6.350	80	16	7.0	5.5	8	3	5.1	30	**E2251/4**

NO1 NO9 299

E275

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E275

UNC | HSCo | DIN 376 | 2B | 1.5xD | C 2 - 3

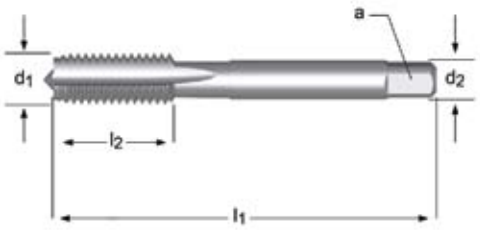
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
5/16	18	7.94	90	18	6.0	4.9	8	3	6.6	**E2755/16**
3/8	16	9.53	100	24	7.0	5.5	8	3	8	**E2753/8**
7/16	14	11.11	110	23	9.0	7.0	10	3	9.4	**E2757/16**
1/2	13	12.7	110	23	9.0	7.0	10	3	10.8	**E2751/2**
9/16	12	14.29	110	25	11.0	9.0	12	3	12.2	**E2759/16**
5/8	11	15.88	110	25	12.0	9.0	12	4	13.5	**E2755/8**
3/4	10	19.05	140	34	14.0	11.0	14	4	16.5	**E2753/4**
7/8	9	22.23	140	34	18.0	14.5	17	4	19.5	**E2757/8**
1	8	25.40	160	38	18.0	14.5	17	4	22.25	**E2751**
1.1/8	7	28.58	180	45	22.0	18.0	21	4	25	**E2751.1/8**
1.1/4	7	31.75	180	50	25.0	20.0	23	4	28	**E2751.1/4**
1.1/2	6	38.10	200	60	32.0	24.0	27	4	34	**E2751.1/2**

E108

DORMER

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E108

UNC | HSS | DIN 352 | 2B | 1.5xD | C 2 - 3

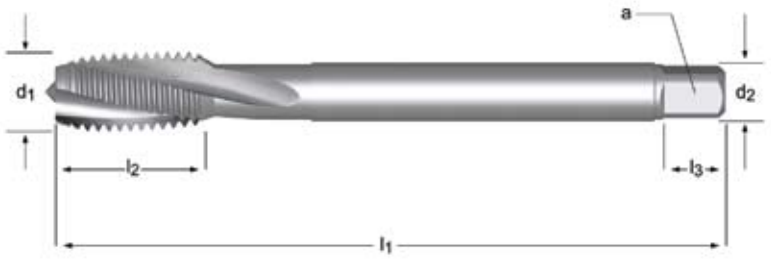
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
5	40	3.18	45	13	4.0	3.0	3	2.65	**E1085-40NO3**
5	40	3.18	45	13	4.0	3.0	3	2.65	**E1085-40NO8**
6	32	3.51	45	10	4.0	3.0	3	2.85	**E1086-32NO3**
6	32	3.51	45	10	4.0	3.0	3	2.85	**E1086-32NO8**
8	32	4.17	50	14	6.0	4.9	3	3.5	**E1088-32NO3**
8	32	4.17	50	14	6.0	4.9	3	3.5	**E1088-32NO8**
10	24	4.83	50	14	6.0	4.9	3	3.9	**E10810-24NO3**
10	24	4.83	50	14	6.0	4.9	3	3.9	**E10810-24NO8**
12	24	5.49	56	16	6.0	4.9	3	4.5	**E10812-24NO3**
12	24	5.49	56	16	6.0	4.9	3	4.5	**E10812-24NO8**
1/4	20	6.35	56	17	6.0	4.9	3	5.1	**E1081/4NO3**
1/4	20	6.35	56	17	6.0	4.9	3	5.1	**E1081/4NO8**
5/16	18	7.94	63	19	6.0	4.9	3	6.6	**E1085/16NO3**
5/16	18	7.94	63	19	6.0	4.9	3	6.6	**E1085/16NO8**
3/8	16	9.53	70	22	7.0	5.5	3	8	**E1083/8NO3**
3/8	16	9.53	70	22	7.0	5.5	3	8	**E1083/8NO8**
7/16	14	11.11	75	30	8.0	6.2	3	9.4	**E1087/16NO3**
7/16	14	11.11	75	30	8.0	6.2	3	9.4	**E1087/16NO8**
1/2	13	12.70	75	27	9.0	7.0	3	10.8	**E1081/2NO3**
1/2	13	12.70	75	27	9.0	7.0	3	10.8	**E1081/2NO8**
9/16	12	14.29	80	30	11.0	9.0	4	12.2	**E1089/16NO3**
9/16	12	14.29	80	30	11.0	9.0	4	12.2	**E1089/16NO8**
5/8	11	15.88	80	32	12.0	9.0	4	13.5	**E1085/8NO3**
5/8	11	15.88	80	32	12.0	9.0	4	13.5	**E1085/8NO8**
3/4	10	19.05	95	34	14.0	11.0	4	16.5	**E1083/4NO3**
3/4	10	19.05	95	34	14.0	11.0	4	16.5	**E1083/4NO8**
7/8	9	22.23	110	38	18.0	14.5	4	19.5	**E1087/8NO3**
7/8	9	22.23	110	38	18.0	14.5	4	19.5	**E1087/8NO8**
1“	8	25.40	110	38	20.0	16.0	4	22.25	**E1081NO8**

NO1 | NO8 299

E276

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E276

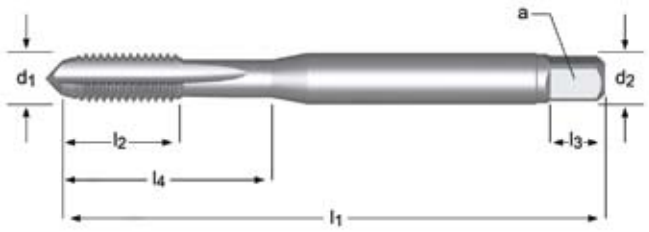
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/4	20	6.35	80	19	4.5	3.4	6	3	5.1	**E2761/4**
5/16	18	7.94	90	18	6.0	4.9	8	3	6.6	**E2765/16**
3/8	16	9.53	100	24	7.0	5.5	8	3	8	**E2763/8**
7/16	14	11.11	110	23	9.0	7.0	10	3	9.4	**E2767/16**
1/2	13	12.70	110	23	9.0	7.0	10	3	10.8	**E2761/2**
5/8	11	15.88	110	25	12.0	9.0	12	3	13.5	**E2765/8**
3/4	10	19.05	140	34	14.0	11.0	14	4	16.5	**E2763/4**
7/8	9	22.23	140	34	18.0	14.5	17	4	19.5	**E2767/8**
1	8	25.40	160	38	20.0	16.0	19	4	22.25	**E2761**

E229

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E229

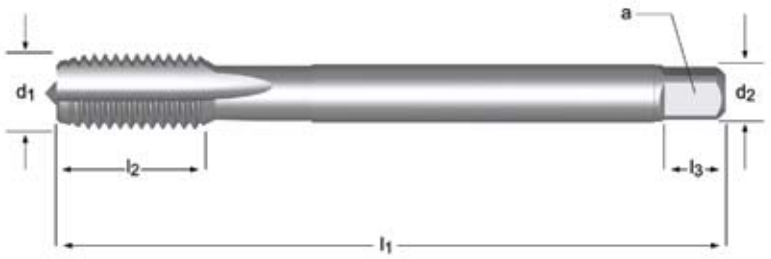
UNF | HSCo | DIN 371 | 2B | 1.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	64	2.184	45	7	2.8	2.1	5	3	1.9	12	**E2292-64**
3	56	2.515	50	8	2.8	2.1	5	3	2.15	12.5	**E2293-56**
4	48	2.845	56	9	3.5	2.7	6	3	2.4	18	**E2294-48**
5	44	3.175	56	10	3.5	2.7	6	3	2.7	18	**E2295-44**
6	40	3.505	56	11	4.0	3.0	6	3	2.95	20	**E2296-40**
8	36	4.166	63	12	4.5	3.4	6	3	3.5	21	**E2298-36**
10	32	4.826	70	13	6.0	4.9	8	3	4.1	25	**E22910-32**
12	28	5.486	80	15	6.0	4.9	8	3	4.7	30	**E22912-28**
1/4	28	6.350	80	15	7.0	5.5	8	3	5.5	30	**E2291/4**

E278

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E278

UNF | HSCo | DIN 374 | 2B | 1.5xD | C 2 - 3

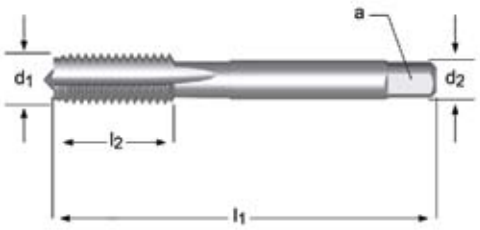
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
5/16	24	7.94	90	18	6.0	4.9	8	3	6.9	**E2785/16**
3/8	24	9.53	100	24	7.0	5.5	8	3	8.5	**E2783/8**
7/16	20	11.11	100	22	9.0	7.0	10	3	9.9	**E2787/16**
1/2	20	12.70	100	21	9.0	7.0	10	3	11.5	**E2781/2**
9/16	18	14.29	100	21	11.0	9.0	12	4	12.9	**E2789/16**
5/8	18	15.88	100	21	12.0	9.0	12	4	14.5	**E2785/8**
3/4	16	19.05	125	25	14.0	11.0	14	4	17.5	**E2783/4**
7/8	14	22.23	140	28	18.0	14.5	17	4	20.4	**E2787/8**
1	12	25.40	140	26	18.0	14.5	17	4	23.25	**E2781**
1.1/8	12	28.58	150	28	22.0	18.0	21	4	26.5	**E2781.1/8**
1.1/4	12	31.75	150	28	25.0	20.0	23	4	29.5	**E2781.1/4**
1.3/8	12	34.93	170	30	28.0	22.0	25	4	32.75	**E2781.3/8**
1.1/2	12	38.10	170	30	32.0	24.0	27	4	36	**E2781.1/2**

E111

DORMER

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E111

UNF | HSS | DIN 2181 | 2B | 1.5xD | C 2 - 3

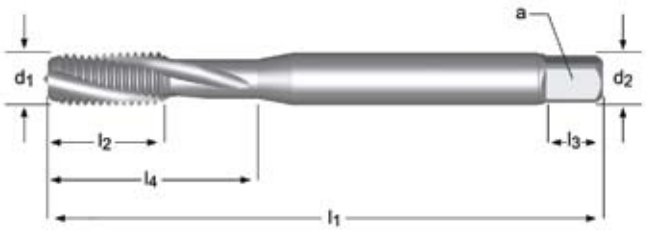
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
5	44	3.18	45	13	4.0	3.0	3	2.7	**E1115-44NO3**
5	44	3.18	45	13	4.0	3.0	3	2.7	**E1115-44NO9**
6	40	3.51	45	10	4.0	3.0	3	2.95	**E1116-40NO3**
6	40	3.51	45	10	4.0	3.0	3	2.95	**E1116-40NO9**
8	36	4.17	50	14	6.0	4.9	3	3.5	**E1118-36NO3**
8	36	4.17	50	14	6.0	4.9	3	3.5	**E1118-36NO9**
10	32	4.82	50	14	6.0	4.9	3	4.1	**E11110-32NO3**
10	32	4.82	50	14	6.0	4.9	3	4.1	**E11110-32NO9**
1/4	28	6.35	56	17	6.0	4.9	3	5.5	**E1111/4NO3**
1/4	28	6.35	56	17	6.0	4.9	3	5.5	**E1111/4NO9**
5/16	24	7.94	63	19	6.0	4.9	3	6.9	**E1115/16NO3**
5/16	24	7.94	63	19	6.0	4.9	3	6.9	**E1115/16NO9**
3/8	24	9.53	63	16	7.0	5.5	3	8.5	**E1113/8NO3**
3/8	24	9.53	63	16	7.0	5.5	3	8.5	**E1113/8NO9**
7/16	20	11.11	63	15	8.0	6.2	3	9.9	**E1117/16NO3**
7/16	20	11.11	63	15	8.0	6.2	3	9.9	**E1117/16NO9**
1/2	20	12.70	70	22	9.0	7.0	3	11.5	**E1111/2NO3**
1/2	20	12.70	70	22	9.0	7.0	3	11.5	**E1111/2NO9**
9/16	18	14.29	70	16	11.0	9.0	4	12.9	**E1119/16NO3**
9/16	18	14.29	70	16	11.0	9.0	4	12.9	**E1119/16NO9**
5/8	18	15.88	70	16	12.0	9.0	4	14.5	**E1115/8NO3**
5/8	18	15.88	70	16	12.0	9.0	4	14.5	**E1115/8NO9**
3/4	16	19.05	80	22	14.0	11.0	4	17.5	**E1113/4NO3**
3/4	16	19.05	80	22	14.0	11.0	4	17.5	**E1113/4NO9**
7/8	14	22.23	90	22	18.0	14.5	4	20.4	**E1117/8NO3**
7/8	14	22.23	90	22	18.0	14.5	4	20.4	**E1117/8NO9**
1“	12	25.40	90	22	20.0	16.0	4	23.25	**E1111NO3**
1“	12	25.40	90	22	20.0	16.0	4	23.25	**E1111NO9**

NO1 | NO9 299

E230

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E230

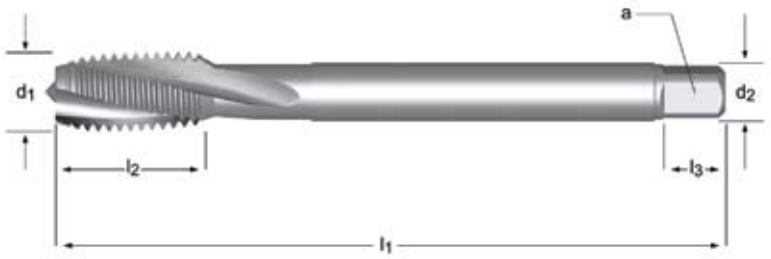
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

UNF	TPI	d_1 nom mm	l_2 mm	l_1 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	40	3.505	56	6.5	4	3.0	6	3	2.95	20	**E2306-40**
8	36	4.166	63	7	4.5	3.4	6	3	3.5	21	**E2308-36**
10	32	4.826	70	8	6	4.9	8	3	4.1	25	**E23010-32**
12	28	5.486	80	10	6	4.9	8	3	4.7	30	**E23012-28**
1/4	28	6.350	80	10	7	5.5	8	3	5.5	30	**E2301/4**

E279

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E279

UNF | HSCo | DIN 374 | 2B | 1.5xD | C 2 - 3 | 15°

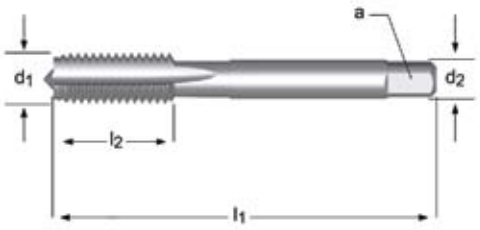
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
5/16	24	7.94	90	18	6.0	4.9	8	3	6.9	**E2795/16**
3/8	24	9.53	100	24	7.0	5.5	8	3	8.5	**E2793/8**
7/16	20	11.11	100	22	9.0	7.0	10	3	9.9	**E2797/16**
1/2	20	12.70	100	21	9.0	7.0	10	3	11.5	**E2791/2**
5/8	18	15.88	100	21	12.0	9.0	12	3	14.5	**E2795/8**
3/4	16	19.05	125	25	14.0	11.0	14	4	17.5	**E2793/4**
7/8	14	22.22	140	28	18.0	14.5	17	4	20.4	**E2797/8**
1	12	25.40	140	26	18.0	14.5	17	4	23.25	**E2791**

E115

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E115

BSW | HSS | DIN 351 | MEDIUM | 1.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

BSW	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
1/8	40	3.18	40	10	3.5	2.7	3	2.55	E1151/8NO3
1/8	40	3.18	40	10	3.5	2.7	3	2.55	E1151/8NO8
5/32	32	3.97	45	12	4.5	3.4	3	3.2	E1155/32NO3
5/32	32	3.97	45	12	4.5	3.4	3	3.2	E1155/32NO8
3/16	24	4.76	50	16	5.5	4.3	3	3.7	E1153/16NO3
3/16	24	4.76	50	16	5.5	4.3	3	3.7	E1153/16NO8
1/4	20	6.35	56	17	6.0	4.9	3	5.1	E1151/4NO3
1/4	20	6.35	56	17	6.0	4.9	3	5.1	E1151/4NO8
5/16	18	7.94	63	25	6.0	4.9	3	6.5	E1155/16NO3
5/16	18	7.94	63	25	6.0	4.9	3	6.5	E1155/16NO8
3/8	16	9.53	70	22	7.0	5.5	3	7.9	E1153/8NO3
3/8	16	9.53	70	22	7.0	5.5	3	7.9	E1153/8NO8
7/16	14	11.11	75	30	8.0	6.2	3	9.2	E1157/16NO3
7/16	14	11.11	75	30	8.0	6.2	3	9.2	E1157/16NO8
1/2	12	12.70	80	30	9.0	7.0	3	10.5	E1151/2NO3
1/2	12	12.70	80	30	9.0	7.0	3	10.5	E1151/2NO8
9/16	12	14.29	80	30	11.0	9.0	4	12	E1159/16NO3
9/16	12	14.29	80	30	11.0	9.0	4	12	E1159/16NO8
5/8	11	15.88	90	36	12.0	9.0	4	13.5	E1155/8NO3
5/8	11	15.88	90	36	12.0	9.0	4	13.5	E1155/8NO8
3/4	10	19.05	105	40	14.0	11.0	4	16.5	E1153/4NO3
3/4	10	19.05	105	40	14.0	11.0	4	16.5	E1153/4NO8
7/8	9	22.23	110	45	18.0	14.5	4	19.25	E1157/8NO3
7/8	9	22.23	110	45	18.0	14.5	4	19.25	E1157/8NO8
1“	8	25.40	110	50	20.0	16.0	4	22	E1151NO3
1“	8	25.40	110	50	20.0	16.0	4	22	E1151NO8
1.1/8	7	28.58	132	56	22.0	18.0	4	24.75	E1151.1/8NO3
1.1/8	7	28.58	132	56	22.0	18.0	4	24.75	E1151.1/8NO8
1.1/4	7	31.75	132	56	25.0	20.0	4	28	E1151.1/4NO3
1.1/4	7	31.75	132	56	25.0	20.0	4	28	E1151.1/4NO8
1.3/8	6	34.93	150	63	28.0	22.0	4	30.5	E1151.3/8NO3
1.3/8	6	34.93	150	63	28.0	22.0	4	30.5	E1151.3/8NO8
1.1/2	6	38.10	150	63	32.0	24.0	4	33.5	E1151.1/2NO3
1.1/2	6	38.10	150	63	32.0	24.0	4	33.5	E1151.1/2NO8
1.5/8	5	41.28	160	70	32.0	24.0	4	35.5	E1151.5/8NO3
1.5/8	5	41.28	160	70	32.0	24.0	4	35.5	E1151.5/8NO8
1.3/4	5	44.45	160	70	36.0	29.0	6	39	E1151.3/4NO3
1.3/4	5	44.45	160	70	36.0	29.0	6	39	E1151.3/4NO8
1.7/8	4.5	47.63	190	80	36.0	29.0	6	41.5	E1151.7/8NO3
1.7/8	4.5	47.63	190	80	36.0	29.0	6	41.5	E1151.7/8NO8
2“	4.5	50.80	190	80	40.0	32.0	6	44.5	E1152NO3
2“	4.5	50.80	190	80	40.0	32.0	6	44.5	E1152NO8

NO1 | NO8 299

L300

- Sada závitníků SHARK, plastová krabička
- Set tarozi seria Shark, cutie plastic
- Shark Menetfúró készlet műanyag dobozban
- Набор метчиков “Shark” в пластмассовом ящике
- Komplet gwintowników SHARK
- strojni navojni svedri, set

L300

Nr.	A	B	M	DIN	e-Code
201	E201 HSCo-XP WHITE	6	M3 - M10	DIN 371 C	**L300N201**
340	E340 HSCo RED	6	M3 - M10	DIN 371 B	**L300N340**
342	E342 HSCo RED	6	M3 - M10	DIN 371 C, 35°	**L300N342**
344	E344 HSCo BLUE	6	M3 - M10	DIN 371 B	**L300N344**
346	E346 HSCo BLUE	6	M3 - M10	DIN 371 C, 40°	**L300N346**
348	E348 HSCo YELLOW	6	M3 - M10	DIN 371 B	**L300N348**
350	E350 HSCo YELLOW	6	M3 - M10	DIN 371 C, 35°	**L300N350**
352	E352 HSCo-XP GREEN	6	M3 - M10	DIN 371 C	**L300N352**
354	E354 HSCo-XP GREEN	6	M3 - M10	DIN 371 C, 15°	**L300N354**
358	E358 HSCo GREEN	6	M3 - M10	DIN 371 B	**L300N358**
360	E360 HSCo GREEN	6	M3 - M10	DIN 371 C, 35°	**L300N360**

L119

- Metrické závitníky, kovová krabice
- Tarozi metrici, in cutie metalica
- Menetfúró készlet fém dobozban
- Метчики с крупным шагом, набор в металлическом ящике
- Gwintowniki metryczne,metalowa kasetka
- rocni navojni svedri v kovinski škatli

L119

Nr.	A	M	DIN	e-Code
Nr.17	E100 setN8	M3- M4-M5-M6-M8-M10-M12	352	**L11917**
Nr.37	E214-E265	M3- M4-M5-M6-M8-M10-M12	371 - M12 376	**L11937**
Nr.27	E208-E259	M3- M4-M5-M6-M8-M10-M12	371 - M12 376	**L11927**

L126

- Sada vrták-závitník v kovové krabici
- Set burghie-tarozi in cutie metalica
- Kombinált Menetfúró készlet fémdobozban
- Набор сверл и метчиков в металическом ящика
- Komplet wierel i gwintowników w metalowej kasecie
- rocni navojni svedri kombinirani, v kovinski škatli

L126

Nr.	A	B	M	e-Code
650	E650	6	4.0, 5.0, 6.0, 8.0, 10.0, 12.0	**L126650**

L110

- Vrtatidla pro závitovací očka
- Portfiliera pentru filiere rotunde
- Menetmetsző Hajtóvas
- Воротки для круглых плашек
- Uchwyty do narzynek
- držalo za novojno celjust

L120
397

L110

Nr.	Ø x H	e-Code
1“	16 x 5	**L1101**
2a	20 x 5	**L1102A**
2b	20 x 7	**L1102B**
3	25 x 9	**L1103**
4“	30 x 11	**L1104**
5	38 x 14	**L1105**
5f	38 x 10	**L1105F**
6	45 x 18	**L1106**
6f	45 x 14	**L1106F**
7	55 x 22	**L1107**
7f	55 x 16	**L1107F**
8	65 x 25	**L1108**
8f	65 x 18	**L1108F**
9	75 x 30	**L1109**
9f	75 x 20	**L1109F**
10	90 x 36	**L11010**
10f	90 x 22	**L11010F**
	13/16 x 1/4	**L11013/16**
	1 x 3/8	**L1101INCH**
	1.5/16 x 7/16	**L1101.5/16**
	1.1/2 x 1/2	**L1101.1/2**
	2 x 5/8	**L1102INCH**
	2.1/4 x 11/16	**L1102.1/4**
	3 x 7/8	**L1103INCH**
	4 x 1	**L1104INCH**

L111

- Vratidlo pro závitníky, stavitelné
- Port-tarod reglabil
- Menetfúró hajtóvas, Állítható
- Регулируемые воротки для метчиков
- Uchwyty do gwintowników
- ročka za navojni sveder

L120
397

L111

Nr.	▨	e-Code
0	2.0 - 5.0	**L111NO0**
1	2.1 - 8.0	**L111NO1**
2	4.9 - 12.0	**L111NO2**
3	5.5 - 16.0	**L111NO3**
4	11.0 - 24.0	**L111NO4**
5	16.0 - 32.0	**L111NO5**
BT1	1.0 - 6.5	**L111BT1**
BT2	1.0 - 10.0	**L111BT2**

L115

- Závitníky E500/vrtáky A120, kovová krabice
- Tarozi E500/Burghie A120, Cutie metalica
- Menetfúró E500/Csigafúró A120 készlet fémdobozban
- Набор метчиков E500/сверл A120, металлический ящик
- Komplet gwintowników E500/Wiertel A120,metalowa kaseta
- ročni navojni sveder/svedri

L115

M | HSS | ISO 529 | 6H | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

Nr.	A	M	B	d_1 Ø mm	e-Code
Nr.100	E500 ISO529	M3 - 12	A120 DIN1897RN	2,5,3,3,4,2,5,0 6,8 8,5 10, 2	**L115100**

L120

- Závitovací sada, kovová krabice
- Trusa filetare, Cutie metalica
- Menetkészítő készlet fémdobozban
- Принадлежности для нарезания резьбы, набор в металлическом ящике
- Komplet do gwintowania recznego - metalowa kaseta
- rocni navojni svedri v kovinski škatli

L120

Nr.	A	L111	L110	e-Code
Nr.21	E100 + F100 M 3, 4, 5, 6, 8, 10, 12	No 1 + No 2	20 x 5, 20 x 7, 25 x 9, 30 x 11, 38 x 14	**L12021**
Nr.30	E100 + F100 M 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20	No 1 + No 3	20 x 5, 20 x 7, 25 x 9, 30 x 11, 38 x 14, 45 x 18	**L12030**
HS-2M	E500 + F300 M2, 2,5, 3, 3,5, 4, 5, 6	BT1	13/16 x 1/4	**L1202M**
HS-4M	E500 + F300 M 5, 6, 7, 8, 9, 10, 11, 12	BT2	13/16 x 1/4 + 1.5/16 x 7/16	**L1204M**
HS-8M	E500 + F300 M 2, 3, 4, 5, 6	BT1	13/16 x 1/4	**L1208M**
HS-10M	E500 + F300 M 3, 4, 5, 6, 7, 8, 9, 10	BT2	13/16 x 1/4 + 1. x 3/8	**L12010M**
HS-12M	E500 + F300 M 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	BT1 + BT2	13/16 x 1/4 + 1. x 3/8 + 1.5/16	**L12012M**
HS-14M	E500 + F300 M 6, 7, 8, 9, 10, 12, 14, 16, 18, 20	No 2	1. x 3/8 + 1.5/16 x 7/16 + 1.1/2 x 1/2	**L12014M**
HS-30UNC	E515 + F320 1/4, 5/16, 3/8, 7/16, 1/2	BT2	1. x 3/8 + 1.5/16 x 7/16	**L12030UNC**
HS-32UNC	E515 + F320 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	BT2 + No 2	1. x 3/8 + 1.1/2 x 1/2	**L12032UNC**
HS-24UNF	E524 + F330 1/4, 5/16, 3/8, 7/16, 1/2	BT2	1. x 3/8 + 1.5/16 x 7/16	**L12024UNF**
HS-26UNF	E524 + F330 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	BT2 + No 2	1. x 3/8 + 1.1/2 x 1/2	**L12026UNF**
HS-12BSW	E531 + F340 1/4, 5/16, 3/8, 7/16, 1/2, 5/8, 3/4	BT2 + No 2	1. x 3/8 + 1.1/2 x 1/2	**L12012BSW**

L124

- Závitníky, E800 M3-M12, kovová krabice
- Tarozi, E800 M3-M12, Cutie metalica
- Menetfúró E800 M3-M12 készlet fém-dobozban
- Набор метчиков E800 от M3 до M12, металлический ящик
- Komplet gwintowników E800 M3 - M12,metalowa kaseta
- rocni navojni svedri v kovinski škatli

L124

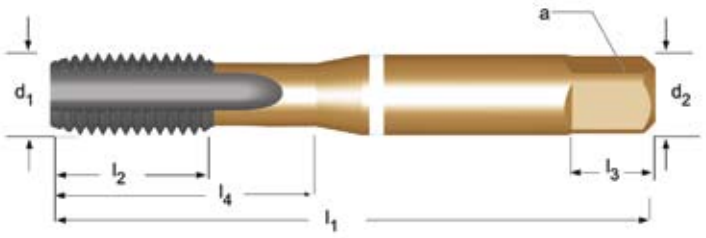
M CS ISO 6H 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

Nr.	A	B	M	e-Code
7	E800	14	3.0, 4.0, 5.0, 6.0, 8.0, 10.0, 12.0 (x 0.5 mm)	**L1247**

E053

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E053

M | HSCo | TiAlN | ISO 529 | 6HX | 2xD | C 2 - 3

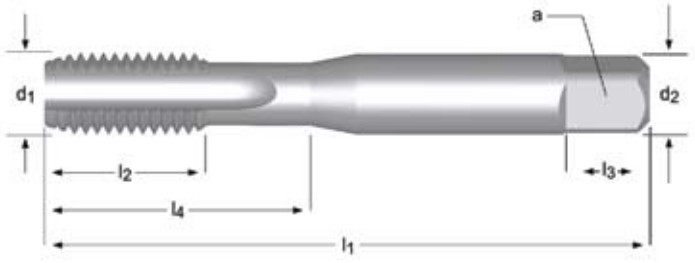
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E053M3**
4	0.70	53	14	4.00	3.15	6	4	3.3	14	**E053M4**
5	0.80	58	11	5.00	4.00	7	4	4.2	22	**E053M5**
6	1.00	66	13	6.30	5.00	8	4	5	26	**E053M6**
8	1.25	72	16	8.00	6.30	9	4	6.8	29	**E053M8**
10	1.50	80	18	10.00	8.00	11	4	8.5	34	**E053M10**
12	1.75	89	22	9.00	7.10	10	4	10.3		**E053M12**
14	2.00	95	24	11.20	9.00	12	4	12		**E053M14**
16	2.00	102	24	12.50	10.00	13	4	14		**E053M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E053M20**

E500

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



L115 396
L120 397

E500

M | HSS | ISO 529 | 6H | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
1	0.25	38	4.5	2.50	2.00	4	2	0.75	4.5	E500M1NO1
1	0.25	38	4.5	2.50	2.00	4	2	0.75	4.5	E500M1NO2
1	0.25	38	4.5	2.50	2.00	4	2	0.75	4.5	E500M1NO3
1.2	0.25	38	4.5	2.50	2.00	4	2	0.95	4.5	E500M1.2NO1
1.2	0.25	38	4.5	2.50	2.00	4	2	0.95	4.5	E500M1.2NO2
1.2	0.25	38	4.5	2.50	2.00	4	2	0.95	4.5	E500M1.2NO3
1.4	0.30	40	6	2.50	2.00	4	2	1.1	6	E500M1.4NO1
1.4	0.30	40	6	2.50	2.00	4	2	1.1	6	E500M1.4NO2
1.4	0.30	40	6	2.50	2.00	4	2	1.1	6	E500M1.4NO3
1.6	0.35	41	8	2.50	2.00	4	2	1.25	8	E500M1.6NO1
1.6	0.35	41	8	2.50	2.00	4	2	1.25	8	E500M1.6NO2
1.6	0.35	41	8	2.50	2.00	4	2	1.25	8	E500M1.6NO3
1.6	0.35	41	8	2.50	2.00	4	2	1.25	8	E500M1.6NO6
1.6	0.35	41	8	2.50	2.00	4	2	1.25	8	E500M1.6NO8
1.7	0.35	41	8	2.50	2.00	4	2	1.35	8	E500M1.7NO1
1.7	0.35	41	8	2.50	2.00	4	2	1.35	8	E500M1.7NO2
1.7	0.35	41	8	2.50	2.00	4	2	1.35	8	E500M1.7NO3
1.7	0.35	41	8	2.50	2.00	4	2	1.35	8	E500M1.7NO6
1.7	0.35	41	8	2.50	2.00	4	2	1.35	8	E500M1.7NO8
1.8	0.35	41	8	2.50	2.00	4	2	1.45	8	E500M1.8NO1
1.8	0.35	41	8	2.50	2.00	4	2	1.45	8	E500M1.8NO2
1.8	0.35	41	8	2.50	2.00	4	2	1.45	8	E500M1.8NO3
1.8	0.35	41	8	2.50	2.00	4	2	1.45	8	E500M1.8NO6
1.8	0.35	41	8	2.50	2.00	4	2	1.45	8	E500M1.8NO8
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO1
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO2
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO3
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO6
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO7
2	0.40	41	8	2.50	2.00	4	3	1.6	8	E500M2NO8
2	0.45	41	8	2.50	2.00	4	3	1.55	8	E500M2X.45NO1
2	0.45	41	8	2.50	2.00	4	3	1.55	8	E500M2X.45NO2
2	0.45	41	8	2.50	2.00	4	3	1.55	8	E500M2X.45NO3
2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.5	E500M2.2NO1
2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.5	E500M2.2NO2
2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.5	E500M2.2NO3
2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.5	E500M2.2NO6
2.2	0.45	44.5	9.5	2.80	2.24	5	3	1.75	9.5	E500M2.2NO8
2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E500M2.3NO1
2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E500M2.3NO2
2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E500M2.3NO3
2.3	0.45	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E500M2.3NO6
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO1
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO2
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO3
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO6
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO7
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	E500M2.5NO8

NO1 NO8 299

E500

DORMER

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.5	**E500M2.6NO1**
2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.5	**E500M2.6NO2**
2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.5	**E500M2.6NO3**
2.6	0.45	44.5	9.5	2.80	2.24	5	3	2.15	9.5	**E500M2.6NO6**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO1**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO2**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO3**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO6**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO7**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E500M3NO8**
3	0.60	48	12.5	3.15	2.50	5	3	2.4	12.5	**E500M3X.6NO1**
3	0.60	48	12.5	3.15	2.50	5	3	2.4	12.5	**E500M3X.6NO2**
3	0.60	48	12.5	3.15	2.50	5	3	2.4	12.5	**E500M3X.6NO3**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO1**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO2**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO3**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO6**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO7**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E500M3.5NO8**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO1**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO2**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO3**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO6**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO7**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E500M4NO8**
4	0.75	53	14	4.00	3.15	6	3	3.25	14	**E500M4X.75NO1**
4	0.75	53	14	4.00	3.15	6	3	3.25	14	**E500M4X.75NO2**
4	0.75	53	14	4.00	3.15	6	3	3.25	14	**E500M4X.75NO3**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO1**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO2**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO3**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO6**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO7**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E500M4.5NO8**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO1**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO2**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO3**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO6**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO7**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E500M5NO8**
5	0.90	58	11	5.00	4.00	7	3	4.1	22	**E500M5X.9NO1**
5	0.90	58	11	5.00	4.00	7	3	4.1	22	**E500M5X.9NO2**
5	0.90	58	11	5.00	4.00	7	3	4.1	22	**E500M5X.9NO3**
5	0.90	58	11	5.00	4.00	7	3	4.1	22	**E500M5X.9NO6**
5.5	0.90	62	12	5.00	4.00	7	3	4.6	21	**E500M5.5X.9NO1**
5.5	0.90	62	12	5.00	4.00	7	3	4.6	21	**E500M5.5X.9NO2**
5.5	0.90	62	12	5.00	4.00	7	3	4.6	21	**E500M5.5X.9NO3**
5.5	0.90	62	12	5.00	4.00	7	3	4.6	21	**E500M5.5X.9NO6**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO1**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO2**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO3**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO6**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO7**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E500M6NO8**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO1**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO2**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO3**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO6**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO7**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E500M7NO8**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO1**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO2**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO3**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO7**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E500M8NO8**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO1**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO2**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO3**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO6**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO7**
9	1.25	72	16	9.00	7.10	10	3	7.8	29	**E500M9NO8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO1**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO2**

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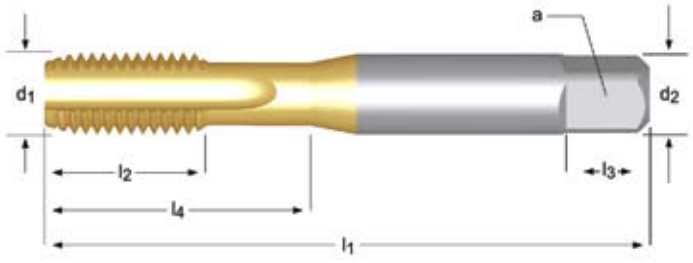
E500

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO3**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO6**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO7**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E500M10NO8**
11	1.50	85	19	8.00	6.30	9	3	9.5		**E500M11NO1**
11	1.50	85	19	8.00	6.30	9	3	9.5		**E500M11NO2**
11	1.50	85	19	8.00	6.30	9	3	9.5		**E500M11NO3**
11	1.50	85	19	8.00	6.30	9	3	9.5		**E500M11NO6**
11	1.50	85	19	8.00	6.30	9	3	9.5		**E500M11NO8**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO1**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO2**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO3**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO6**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO7**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E500M12NO8**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO1**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO2**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO3**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO6**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO7**
14	2.00	95	24	11.20	9.00	12	4	12		**E500M14NO8**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO1**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO2**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO3**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO6**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO7**
16	2.00	102	24	12.50	10.00	13	4	14		**E500M16NO8**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO1**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO2**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO3**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO6**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO7**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E500M18NO8**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO1**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO2**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO3**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO6**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO7**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E500M20NO8**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E500M22NO1**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E500M22NO2**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E500M22NO3**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E500M22NO6**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E500M22NO8**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO1**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO2**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO3**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO6**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO7**
24	3.00	130	35	18.00	14.00	18	4	21		**E500M24NO8**
27	3.00	135	35	20.00	16.00	20	4	24		**E500M27NO1**
27	3.00	135	35	20.00	16.00	20	4	24		**E500M27NO2**
27	3.00	135	35	20.00	16.00	20	4	24		**E500M27NO3**
30	3.50	138	41	20.00	16.00	20	4	26.5		**E500M30NO1**
30	3.50	138	41	20.00	16.00	20	4	26.5		**E500M30NO2**
30	3.50	138	41	20.00	16.00	20	4	26.5		**E500M30NO3**
33	3.50	151	41	22.40	18.00	22	4	29.5		**E500M33NO1**
33	3.50	151	41	22.40	18.00	22	4	29.5		**E500M33NO2**
33	3.50	151	41	22.40	18.00	22	4	29.5		**E500M33NO3**
36	4.00	162	47	25.00	20.00	24	4	32		**E500M36NO1**
36	4.00	162	47	25.00	20.00	24	4	32		**E500M36NO2**
36	4.00	162	47	25.00	20.00	24	4	32		**E500M36NO3**
39	4.00	170	47	28.00	22.40	26	4	35		**E500M39NO1**
39	4.00	170	47	28.00	22.40	26	4	35		**E500M39NO2**
39	4.00	170	47	28.00	22.40	26	4	35		**E500M39NO3**
42	4.50	170	53	28.00	22.40	26	6	37.5		**E500M42NO1**
42	4.50	170	53	28.00	22.40	26	6	37.5		**E500M42NO2**
42	4.50	170	53	28.00	22.40	26	6	37.5		**E500M42NO3**
45	4.50	187	54	31.50	25.00	28	6	40.5		**E500M45NO1**
45	4.50	187	54	31.50	25.00	28	6	40.5		**E500M45NO2**
45	4.50	187	54	31.50	25.00	28	6	40.5		**E500M45NO3**
48	5.00	187	60	31.50	25.00	28	6	43		**E500M48NO1**
48	5.00	187	60	31.50	25.00	28	6	43		**E500M48NO2**
48	5.00	187	60	31.50	25.00	28	6	43		**E500M48NO3**
52	5.00	200	60	35.50	28.00	31	6	47		**E500M52NO1**
52	5.00	200	60	35.50	28.00	31	6	47		**E500M52NO2**
52	5.00	200	60	35.50	28.00	31	6	47		**E500M52NO3**
56	5.50	200	60	35.50	28.00	31	6	50.5		**E500M56NO3**

NO1 | NO8 299

E504

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E504

M | HSS | TiN | ISO 529 | 6H | 1.5xD

■ 3.1 3.2 3.3

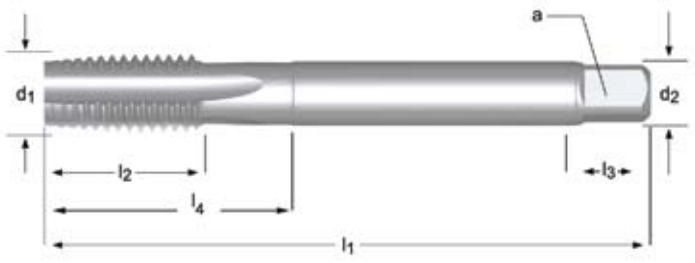
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	12.5	3.14	2.50	5	3	2.5	12.5	**E504M3NO2**
3	0.50	48	12.5	3.14	2.50	5	3	2.5	12.5	**E504M3NO3**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E504M4NO2**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E504M4NO3**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E504M5NO2**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E504M5NO3**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E504M6NO2**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E504M6NO3**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E504M8NO2**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E504M8NO3**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E504M10NO2**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E504M10NO3**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E504M12NO2**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E504M12NO3**
16	2.00	102	24	12.50	10.00	13	4	14		**E504M16NO2**
16	2.00	102	24	12.50	10.00	13	4	14		**E504M16NO3**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E504M20NO2**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E504M20NO3**
24	3.00	130	35	18.00	14.00	18	4	21		**E504M24NO2**
24	3.00	130	35	18.00	14.00	18	4	21		**E504M24NO3**

NO1 | NO9 299

E800

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



L124
398

E800

M | CS | D ISO | 6H | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO1
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO2
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO3
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO4
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO5
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO6
3	0.50	48.0	14.5	3.15	2.50	5	3	2.5	14.5	E800M3NO8
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO1
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO2
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO3
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO4
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO5
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO6
4	0.70	53.0	17.0	4.00	3.15	6	3	3.3	17	E800M4NO8
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO1
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO2
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO3
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO4
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO5
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO6
5	0.80	58.0	20.5	5.00	4.00	7	3	4.2	22	E800M5NO8
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO1
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO2
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO3
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO4
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO5
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO6
6	1.00	66.0	24.5	6.30	5.00	8	3	5	26	E800M6NO8
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO1
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO2
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO3
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO4
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO5
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO6
8	1.25	72.0	22.0	8.00	6.30	8	4	6.8	22	E800M8NO8
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO1
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO2
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO3
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO4
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO5
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO6
10	1.50	80.0	24.0	8.00	6.30	9	4	8.5		E800M10NO8
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		E800M12NO1
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		E800M12NO2
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		E800M12NO3
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		E800M12NO4

NO1 | NO8
299

E800

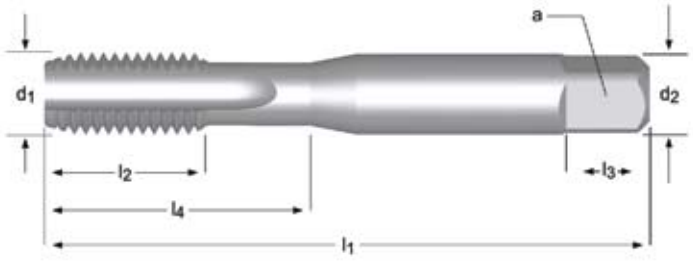
DORMER

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		**E800M12NO5**
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		**E800M12NO6**
12	1.75	89.0	29.0	9.00	7.10	10	4	10.3		**E800M12NO8**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO1**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO2**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO3**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO4**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO5**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO6**
14	2.00	95.0	30.0	11.20	9.00	12	4	12		**E800M14NO8**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO1**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO2**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO3**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO4**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO5**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO6**
16	2.00	102.0	32.0	12.50	10.00	13	4	14		**E800M16NO8**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO1**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO2**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO3**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO4**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO5**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO6**
18	2.50	112.0	37.0	14.00	11.20	14	4	15.5		**E800M18NO8**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO1**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO2**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO3**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO4**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO5**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO6**
20	2.50	112.0	37.0	14.00	11.20	14	4	17.5		**E800M20NO8**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO1**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO2**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO3**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO4**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO5**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO6**
24	3.00	130.0	45.0	18.00	14.00	18	4	21		**E800M24NO8**

NO1 – NO8 299

E501

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E501

M | HSS | ISO 529 | 6H | 1.5xD

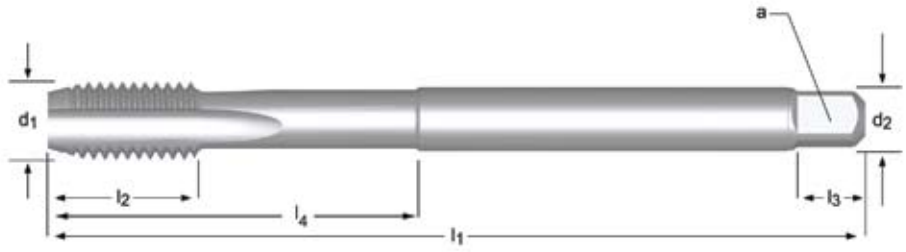
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E501M3NO1**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E501M3NO2**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E501M3NO3**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E501M4NO1**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E501M4NO2**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E501M4NO3**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E501M5NO1**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E501M5NO2**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E501M5NO3**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E501M6NO1**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E501M6NO2**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E501M6NO3**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E501M8NO1**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E501M8NO2**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E501M8NO3**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E501M10NO1**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E501M10NO2**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E501M10NO3**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E501M12NO1**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E501M12NO2**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E501M12NO3**
14	2.00	95	24	11.20	9.00	12	4	12		**E501M14NO1**
14	2.00	95	24	11.20	9.00	12	4	12		**E501M14NO2**
14	2.00	95	24	11.20	9.00	12	4	12		**E501M14NO3**
16	2.00	102	24	12.50	10.00	13	4	14		**E501M16NO1**
16	2.00	102	24	12.50	10.00	13	4	14		**E501M16NO2**
16	2.00	102	24	12.50	10.00	13	4	14		**E501M16NO3**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E501M18NO2**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E501M18NO3**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E501M20NO1**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E501M20NO2**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E501M20NO3**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E501M22NO2**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E501M22NO3**
24	3.00	130	35	18.00	14.00	18	4	21		**E501M24NO2**
24	3.00	130	35	18.00	14.00	18	4	21		**E501M24NO3**

NO1 | NO3 299

E600

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi



E600

M | HSCo | ISO 2283 | 6H | 1.5xD

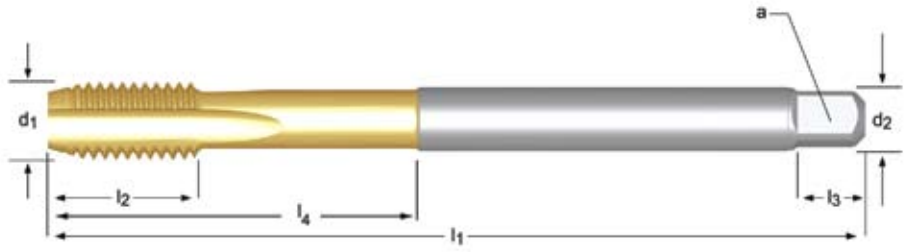
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	66	9	3.15	2.50	5	3	2.5	18	**E600M3NO1**
3	0.50	66	9	3.15	2.50	5	3	2.5	18	**E600M3NO2**
3	0.50	66	9	3.15	2.50	5	3	2.5	18	**E600M3NO3**
4	0.70	73	12	3.15	2.50	5	3	3.3		**E600M4NO1**
4	0.70	73	12	3.15	2.50	5	3	3.3		**E600M4NO2**
4	0.70	73	12	3.15	2.50	5	3	3.3		**E600M4NO3**
5	0.80	79	12	4.00	3.15	6	3	4.2		**E600M5NO1**
5	0.80	79	12	4.00	3.15	6	3	4.2		**E600M5NO2**
5	0.80	79	12	4.00	3.15	6	3	4.2		**E600M5NO3**
6	1.00	89	14	4.50	3.55	6	3	5		**E600M6NO1**
6	1.00	89	14	4.50	3.55	6	3	5		**E600M6NO2**
6	1.00	89	14	4.50	3.55	6	3	5		**E600M6NO3**
8	1.25	97	17	6.30	5.00	8	3	6.8		**E600M8NO1**
8	1.25	97	17	6.30	5.00	8	3	6.8		**E600M8NO2**
8	1.25	97	17	6.30	5.00	8	3	6.8		**E600M8NO3**
10	1.50	108	19	8.00	6.30	9	3	8.5		**E600M10NO1**
10	1.50	108	19	8.00	6.30	9	3	8.5		**E600M10NO2**
10	1.50	108	19	8.00	6.30	9	3	8.5		**E600M10NO3**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E600M12NO1**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E600M12NO2**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E600M12NO3**
14	2.00	127	25	11.2	9.00	12	4	12		**E600M14NO1**
14	2.00	127	25	11.2	9.00	12	4	12		**E600M14NO2**
14	2.00	127	25	11.2	9.00	12	4	12		**E600M14NO3**
16	2.00	137	25	12.5	10.0	13	4	14		**E600M16NO1**
16	2.00	137	25	12.5	10.0	13	4	14		**E600M16NO2**
16	2.00	137	25	12.5	10.0	13	4	14		**E600M16NO3**
20	2.50	149	30	14.0	11.2	14	4	17.5		**E600M20NO1**
20	2.50	149	30	14.0	11.2	14	4	17.5		**E600M20NO2**
20	2.50	149	30	14.0	11.2	14	4	17.5		**E600M20NO3**
24	3.00	172	36	18.0	14.0	18	4	21		**E600M24NO1**
24	3.00	172	36	18.0	14.0	18	4	21		**E600M24NO2**
24	3.00	172	36	18.0	14.0	18	4	21		**E600M24NO3**
30	3.50	183	42	20.0	16.0	20	4	26.5		**E600M30NO1**
30	3.50	183	42	20.0	16.0	20	4	26.5		**E600M30NO2**
30	3.50	183	42	20.0	16.0	20	4	26.5		**E600M30NO3**

NO1 | NO8 299

E610

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi



E610

M | HSCo | TiN | ISO 2283 | 6H | 1.5xD | C 2 - 3

■ 3.1 3.2 3.3

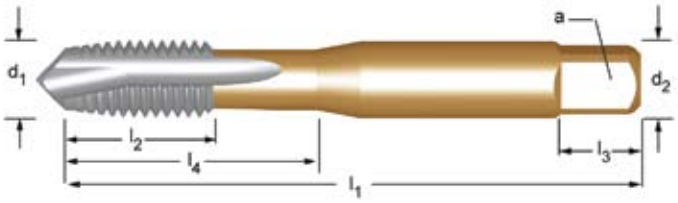
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	66	9	3.15	2.50	5	3	2.5	18	**E610M3NO3**
4	0.70	73	12	3.15	2.50	5	3	3.3		**E610M4NO3**
5	0.80	79	12	4.00	3.15	6	3	4.2		**E610M5NO3**
6	1.00	89	14	4.50	3.55	6	3	5		**E610M6NO3**
8	1.25	97	17	6.30	5.00	8	3	6.8		**E610M8NO3**
10	1.50	108	19	8.00	6.30	9	3	8.5		**E610M10NO3**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E610M12NO3**
14	2.00	127	25	11.20	9.00	12	4	12		**E610M14NO3**
16	2.00	137	25	12.5	10.0	13	4	14		**E610M16NO3**

NO1 | NO9 299

E000

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E000

M | HSS XS1 | Gold | ISO 529 | 6H | 2.5xD | B 3.5 - 5

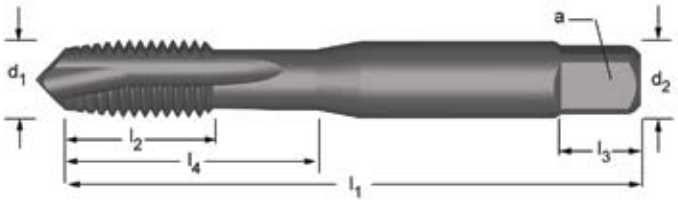
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	15	3.15	2.50	5	3	2.5	12.5	**E000M3**
3.5	0.60	50	16	3.55	2.80	5	3	2.9	14	**E000M3.5**
4	0.70	53	17	4.00	3.15	6	3	3.3	14	**E000M4**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E000M5**
6	1.00	66	13	6.30	5.00	8	3	5.0	26	**E000M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E000M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E000M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E000M12**
14	2.00	95	24	11.20	9.00	12	3	12.0		**E000M14**
16	2.00	102	24	12.50	10.00	13	3	14.0		**E000M16**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E000M18**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E000M20**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E000M22**
24	3.00	130	35	18.00	14.00	18	4	21.0		**E000M24**

E001

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E001

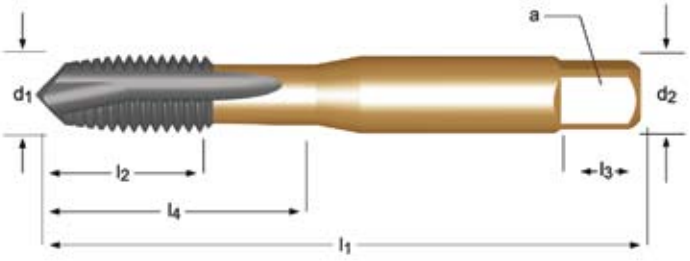
M | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | B 3.5 - 5

- ■ 1.1 1.2 1.3 1.4 1.5
- ● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	15	3.15	2.50	5	3	2.5	12.5	**E001M3**
3.5	0.60	50	16	3.55	2.80	5	3	2.9	14	**E001M3.5**
4	0.70	53	17	4.00	3.15	6	3	3.3	14	**E001M4**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E001M4.5**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E001M5**
6	1.00	66	13	6.30	5.00	8	3	5.0	26	**E001M6**
7	1.00	66	13	7.10	5.60	8	3	6.0	26	**E001M7**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E001M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E001M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E001M12**
14	2.00	95	24	11.20	9.00	12	3	12.0		**E001M14**
16	2.00	102	24	12.50	10.00	13	3	14.0		**E001M16**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E001M18**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E001M20**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E001M22**
24	3.00	130	35	18.00	14.00	18	4	21.0		**E001M24**

E049

- Strojní závitníky MTT-X
- Tarozi de masina MTT-X
- Gépi Menetfúró MTT-X
- Машинные метчики MTT-X
- Gwintownik maszynowy MTT-X
- strojni navojni sveder MTT-X



MTT-X

E049

M | HSS XS1 | TiAlN | ISO 529 | 6H | 2.5xD | B 3.5 - 5

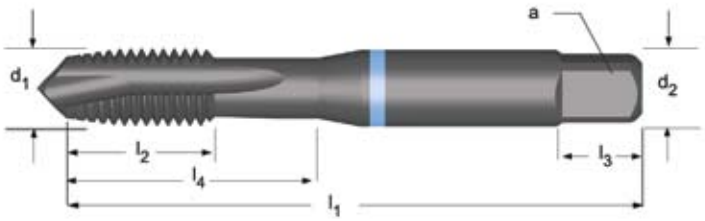
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 3.1 3.2 3.3 3.4 4.2 5.2 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E049M3**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E049M4**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E049M5**
6	1.00	66	13	6.30	5.00	8	3	5.0	26	**E049M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E049M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E049M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E049M12**
16	2.00	102	24	12.50	10.00	13	3	14.0		**E049M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E049M20**

E045 / E046

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

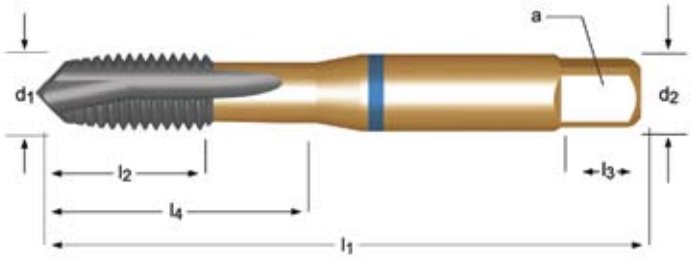
E045

M | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | B 3.5 - 5

■ 2.1 2.2 2.3 2.4

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	48	15	3.15	2.50	5	3	2.5	12.5	**E045M3**
4	0.70	53	17	4.00	3.15	6	3	3.3	14	**E045M4**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E045M5**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E045M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E045M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E045M10**
12	1.75	89	22	9.00	7.10	10	4	10.3		**E045M12**
16	2.00	102	24	12.50	10.00	13	4	14		**E045M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E045M20**



MTT-X

E046

M | HSS XS1 | Super B | ISO 529 | 6H | 2.5xD | B 3.5 - 5

■ 2.1 2.2 2.3 2.4 4.1

● 1.5 1.6 5.1 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	48	15	3.15	2.50	5	3	2.5	12.5	**E046M3**
4	0.70	53	17	4.00	3.15	6	3	3.3	14	**E046M4**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E046M5**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E046M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E046M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E046M10**
12	1.75	89	22	9.00	7.10	10	4	10.3		**E046M12**
16	2.00	102	24	12.50	10.00	13	4	14		**E046M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E046M20**

E509

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E509

M | HSS | ST | ISO 529 | 6H | 2.5xD | B 3.5 - 5

• 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 4.3 5.1 5.2 6.1 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1.6	0.35	41	7	2.50	2.00	4	3	1.25	7	**E509M1.6**
1.6	0.35	41	7	2.50	2.00	4	3	1.25	7	**E509M1.6BRIGHT**
2	0.40	41	8	2.50	2.00	4	3	1.6	8	**E509M2**
2	0.40	41	8	2.50	2.00	4	3	1.6	8	**E509M2BRIGHT**
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	**E509M2.5**
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	**E509M2.5BRIGHT**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E509M3**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E509M3BRIGHT**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E509M3.5**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E509M3.5BRIGHT**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E509M4**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E509M4BRIGHT**
4.5	0.75	53	9.5	4.50	3.55	6	3	3.8	18	**E509M4.5**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E509M5**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E509M5BRIGHT**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E509M6**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E509M6BRIGHT**
7	1.00	66	13	7.10	5.60	8	3	6	26	**E509M7**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E509M8**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E509M8BRIGHT**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E509M10**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E509M10BRIGHT**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E509M12**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E509M12BRIGHT**
14	2.00	95	24	11.20	9.00	12	3	12		**E509M14**
14	2.00	95	24	11.20	9.00	12	3	12		**E509M14BRIGHT**
16	2.00	102	24	12.50	10.00	13	3	14		**E509M16**
16	2.00	102	24	12.50	10.00	13	3	14		**E509M16BRIGHT**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E509M18**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E509M18BRIGHT**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E509M20**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E509M20BRIGHT**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E509M22**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E509M22BRIGHT**
24	3.00	130	35	18.00	14.00	18	4	21		**E509M24**
24	3.00	130	35	18.00	14.00	18	4	21		**E509M24BRIGHT**

E510

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E510

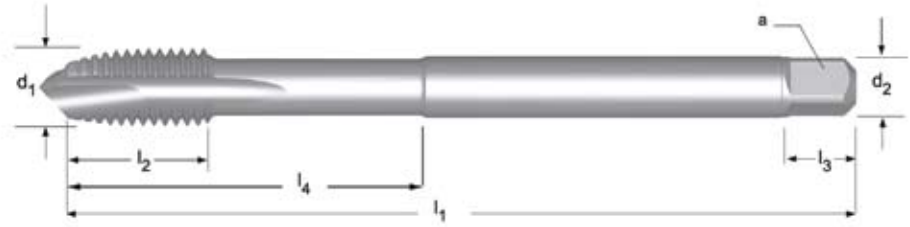
M | HSS | ISO 529 | 6H | 1XD | B 3.5 - 5

- 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	2	2.5	12.5	**E510M3**
3.5	0.60	50	14	3.55	2.80	5	2	2.9	14	**E510M3.5**
4	0.70	53	14	4.00	3.15	6	2	3.3	14	**E510M4**
5	0.80	58	11	5.00	4.00	7	2	4.2	22	**E510M5**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E510M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E510M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E510M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E510M12**

E606

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi



E606

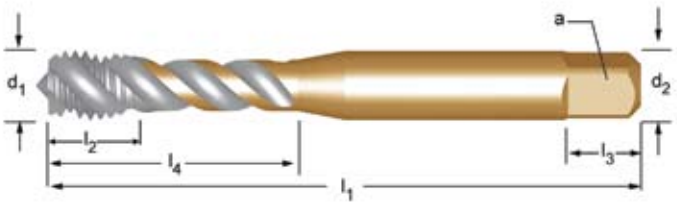
M | HSCo | ISO 2283 | 6H | 2.5xD | B 3.5 - 5

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 4.3 5.1 5.2 6.1 6.3 7.1 7.2 7.3 7.4 8.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	66	9	3.15	2.50	5	3	2.5	18	**E606M3**
4	0.70	73	12	3.15	2.50	5	3	3.3		**E606M4**
5	0.80	79	12	4.00	3.15	6	3	4.2		**E606M5**
6	1.00	89	14	4.50	3.55	6	3	5		**E606M6**
8	1.25	97	17	6.30	5.00	8	3	6.8		**E606M8**
10	1.50	108	19	8.00	6.30	9	3	8.5		**E606M10**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E606M12**
14	2.00	127	25	11.20	9.00	12	3	12		**E606M14**
16	2.00	137	25	12.50	10.00	13	3	14		**E606M16**
20	2.50	149	30	14.00	11.20	14	4	17.5		**E606M20**
24	3.00	172	36	18.00	14.00	18	4	21		**E606M24**

E002

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E002

M | HSS XS1 | Gold | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 7.1 7.2 7.3 7.4

● 4.1 4.2 5.1 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	6	3.15	2.50	5	3	2.5	12.5	**E002M3**
3.5	0.60	50	16	3.55	2.80	5	3	2.9	14	**E002M3.5**
4	0.70	53	7	4.00	3.15	6	3	3.3	19	**E002M4**
5	0.80	58	8	5.00	4.00	7	3	4.2	22	**E002M5**
6	1.00	66	10	6.30	5.00	8	3	5.0	27	**E002M6**
7	1.00	66	13	6.30	5.00	8	3	6.0	26	**E002M7**
8	1.25	72	12	8.00	6.30	9	3	6.8	31	**E002M8**
10	1.50	80	15	10.00	8.00	11	3	8.5	35	**E002M10**
12	1.75	89	16	9.00	7.10	10	3	10.3		**E002M12**
14	2.00	95	18	11.20	9.00	12	3	12.0		**E002M14**
16	2.00	102	18	12.50	10.00	13	4	14.0		**E002M16**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E002M18**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E002M20**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E002M22**
24	3.00	130	35	18.00	14.00	18	4	21.0		**E002M24**

E003

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E003

M | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

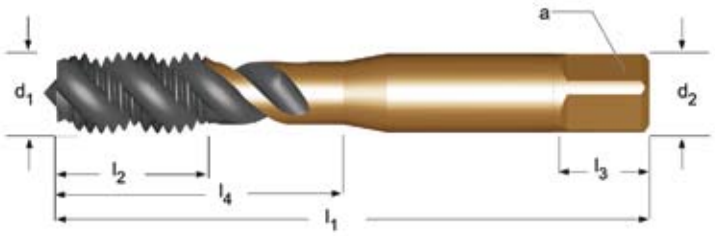
■ 1.1 1.2 1.3 1.4 1.5

● 2.1 2.2 2.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	6	3.15	2.50	5	3	2.5	12.5	**E003M3**
3.5	0.60	50	16	3.55	2.80	5	3	2.9	14	**E003M3.5**
4	0.70	53	7	4.00	3.15	6	3	3.3	19	**E003M4**
5	0.80	58	8	5.00	4.00	7	3	4.2	22	**E003M5**
6	1.00	66	10	6.30	5.00	8	3	5.0	27	**E003M6**
7	1.00	66	13	6.30	5.00	8	3	6.0	26	**E003M7**
8	1.25	72	12	8.00	6.30	9	3	6.8	31	**E003M8**
10	1.50	80	15	10.00	8.00	11	3	8.5	35	**E003M10**
12	1.75	89	16	9.00	7.10	10	3	10.3		**E003M12**
14	2.00	95	18	11.20	9.00	12	3	12.0		**E003M14**
16	2.00	102	18	12.50	10.00	13	4	14.0		**E003M16**
18	2.50	112	29	14.00	11.20	14	4	15.5		**E003M18**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E003M20**
22	2.50	118	29	16.00	12.50	16	4	19.5		**E003M22**
24	3.00	130	35	18.00	14.00	18	4	21.0		**E003M24**

E050 / E051

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

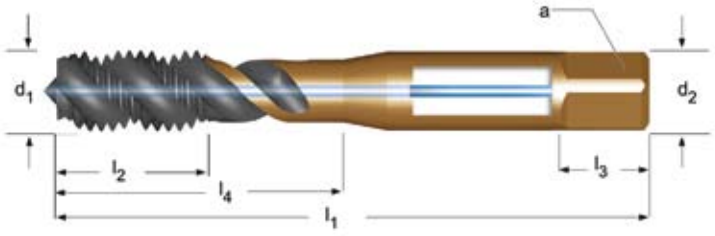
E050

M | HSS XS1 | TiAlN | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 4.2 5.2 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	48	6	3.15	2.50	5	3	2.5	12.5	**E050M3**
4	0.70	53	7	4.00	3.15	6	3	3.3	19	**E050M4**
5	0.80	58	8	5.00	4.00	7	3	4.2	22	**E050M5**
6	1.00	66	10	6.30	5.00	8	3	5.0	27	**E050M6**
8	1.25	72	12	8.00	6.30	9	3	6.8	31	**E050M8**
10	1.50	80	15	10.00	8.00	11	3	8.5	35	**E050M10**
12	1.75	89	16	9.00	7.10	10	3	10.3		**E050M12**
16	2.00	102	18	12.50	10.00	13	4	14.0		**E050M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E050M20**



MTT-X

E051

M | HSS XS1 | TiAlN | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 4.2 6.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
6	1.00	66	10	6.30	5.00	8	3	5	27	**E051M6**
8	1.25	72	12	8.00	6.30	9	3	6.8	31	**E051M8**
10	1.50	80	15	10.0	8.00	11	3	8.5	35	**E051M10**
12	1.75	89	16	9.00	7.10	10	3	10.3		**E051M12**
16	2.00	102	18	12.50	10.00	13	4	14		**E051M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E051M20**

E047 / E048

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

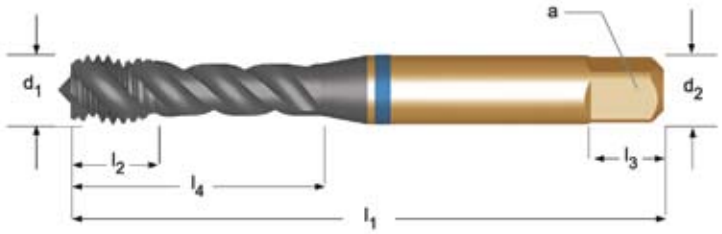
E047

M | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

■ 2.1 2.2 2.3 2.4

● 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	6	3.15	2.50	5	3	2.5	15	**E047M3**
4	0.70	53	7	4.00	3.15	6	3	3.3	19	**E047M4**
5	0.80	58	8	5.00	4.00	7	3	4.2	22	**E047M5**
6	1.00	66	10	6.30	5.00	8	3	5	27	**E047M6**
8	1.25	72	12	8.00	6.30	9	3	6.8	31	**E047M8**
10	1.50	80	15	10.00	8.00	11	3	8.5	35	**E047M10**
12	1.75	89	16	9.00	7.10	10	3	10.3		**E047M12**
16	2.00	102	18	12.50	10.00	13	4	14		**E047M16**
20	2.50	112	22	14.00	11.20	14	4	17.5		**E047M20**



MTT-X

E048

M | HSS XS1 | Super B | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

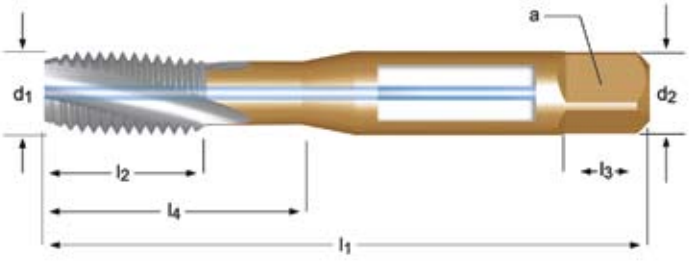
■ 2.1 2.2 2.3 2.4

● 1.3 1.4 1.5 1.6

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4	e-Code
3	0.50	48	6	3.15	2.5	5	3	2.5	15	**E048M3**
4	0.70	53	7	4.0	3.15	6	3	3.3	19	**E048M4**
5	0.80	58	8	5.0	4.0	7	3	4.2	22	**E048M5**
6	1.00	66	10	6.3	5.0	8	3	5	27	**E048M6**
8	1.25	72	12	8.0	6.3	9	3	6.8	31	**E048M8**
10	1.50	80	15	10.0	8.0	11	3	8.5	35	**E048M10**
12	1.75	89	16	9.0	7.1	10	3	10.3		**E048M12**
16	2.00	102	18	12.50	10.0	13	4	14		**E048M16**
20	2.50	112	22	14	11.2	14	4	17.5		**E048M20**

E044 / E052

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

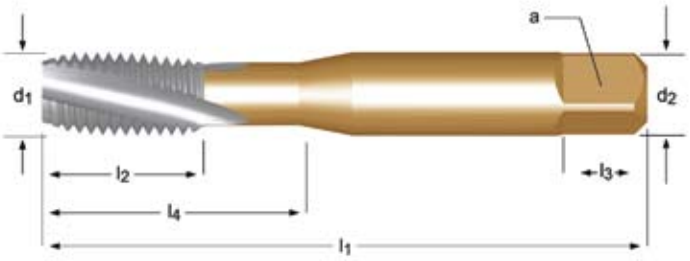
E044

M | HSCo | Gold | ISO 529 | 6H | 2xD | C 2 - 3 | 15°

■ 1.4 1.5 1.6

● 1.1 1.2 1.3 4.2 5.2

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	1.25	72	17	8.00	6.30	8	3	6.8	32	**E044M8**
10	1.50	80	20	10.00	8.00	9	3	8.5	36	**E044M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E044M12**
16	2.00	102	24	12.50	10.00	13	4	14		**E044M16**
20	2.50	112	29	14.00	11.20	14	4	17.5		**E044M20**



MTT-X

E052

M | HSS XS1 | Gold | ISO 529 | 6H | 2xD | C 2 - 3 | 15°

■ 1.4 1.5 6.2 6.3 7.2 7.3 7.4

● 1.1 1.2 1.3 6.1 7.1

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E052M3**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E052M4**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E052M5**
6	1.00	66	13	6.30	5.00	8	3	5	26	**E052M6**
8	1.25	72	16	8.00	6.30	9	3	6.8	29	**E052M8**
10	1.50	80	18	10.00	8.00	11	3	8.5	34	**E052M10**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E052M12**
16	2.00	102	24	12.50	10.00	13	4	14		**E052M16**

E507

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E507

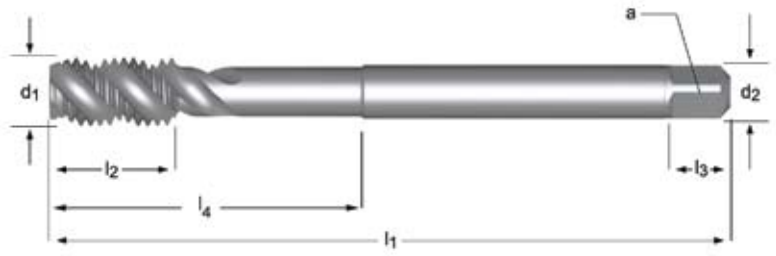
M | HSS | ST | ISO 529 | 6H | 2xD | C 2 - 3 | 40°

● 1.2 1.3 1.4 1.5 2.1 2.2 2.3 5.2 7.1 7.2 7.3 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	41	8	2.50	2.00	4	3	1.6	8	**E507M2**
2	0.40	41	8	2.50	2.00	4	3	1.6	8	**E507M2BLUE**
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	**E507M2.5**
2.5	0.45	44.5	9.5	2.80	2.24	5	3	2.05	9.5	**E507M2.5BLUE**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E507M3**
3	0.50	48	12.5	3.15	2.50	5	3	2.5	12.5	**E507M3BLUE**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E507M3.5**
3.5	0.60	50	14	3.55	2.80	5	3	2.9	14	**E507M3.5BLUE**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E507M4**
4	0.70	53	14	4.00	3.15	6	3	3.3	14	**E507M4BLUE**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E507M5**
5	0.80	58	11	5.00	4.00	7	3	4.2	22	**E507M5BLUE**
6	1.00	66	13	6.30	5.00	8	3	5	27	**E507M6**
6	1.00	66	13	6.30	5.00	8	3	5	27	**E507M6BLUE**
7	1.00	66	13	6.30	5.00	8	3	6	26	**E507M7**
7	1.00	66	13	6.30	5.00	8	3	6	26	**E507M7BLUE**
8	1.25	72	16	8.00	6.30	9	3	6.8	31	**E507M8**
8	1.25	72	16	8.00	6.30	9	3	6.8	31	**E507M8BLUE**
10	1.50	80	18	10.00	8.00	11	3	8.5	35	**E507M10**
10	1.50	80	18	10.00	8.00	11	3	8.5	35	**E507M10BLUE**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E507M12**
12	1.75	89	22	9.00	7.10	10	3	10.3		**E507M12BLUE**
14	2.00	95	24	11.20	9.00	12	3	12		**E507M14**
14	2.00	95	24	11.20	9.00	12	3	12		**E507M14BLUE**
16	2.00	102	24	12.50	10.00	13	3	14		**E507M16**
16	2.00	102	24	12.50	10.00	13	3	14		**E507M16BLUE**
18	2.50	112	29	14.00	11.20	14	3	15.5		**E507M18**
18	2.50	112	29	14.00	11.20	14	3	15.5		**E507M18BLUE**
20	2.50	112	29	14.00	11.20	14	3	17.5		**E507M20**
20	2.50	112	29	14.00	11.20	14	3	17.5		**E507M20BLUE**
22	2.50	118	29	16.00	12.50	16	3	19.5		**E507M22**
22	2.50	118	29	16.00	12.50	16	3	19.5		**E507M22BLUE**
24	3.00	130	35	18.00	14.00	18	3	21		**E507M24**
24	3.00	130	35	18.00	14.00	18	3	21		**E507M24BLUE**

E605

- Strojní závitník, extra dlouhý
- Gépi menetfúró, extra hosszú
- Gwintownik maszynowy, Bardzo długi
- Tarozi de masina extralungi
- Машинный метчик, сверхдлинный
- Strojni navojni sveder, ekstra dolgi



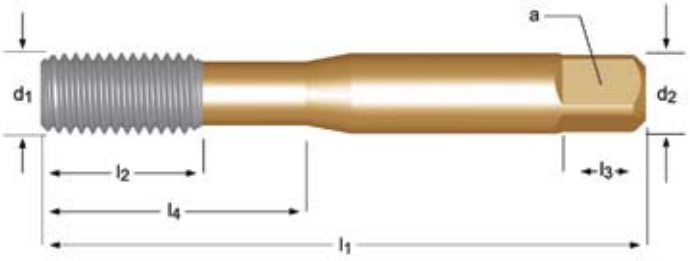
E605

● 1.2 1.3 1.4 1.5 2.1 2.2 2.3 5.2 7.1 7.2 7.3 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	66	9	3.15	2.50	5	2	2.5	21	**E605M3**
4	0.70	73	9	4.00	3.15	6	2	3.3	22	**E605M4**
5	0.80	79	12	5.00	4.00	7	3	4.2	26	**E605M5**
6	1.00	89	12	6.30	5.00	8	3	5	29	**E605M6**
8	1.25	97	12	6.30	5.00	8	3	6.8		**E605M8**
10	1.50	108	14	8.00	6.30	9	3	8.5		**E605M10**
12	1.75	119	23	9.00	7.10	10	3	10.3		**E605M12**
14	2.00	127	25	11.20	9.00	12	3	12		**E605M14**
16	2.00	137	25	12.50	10.00	13	3	14		**E605M16**
20	2.50	149	30	14.00	11.20	14	3	17.5		**E605M20**

E090 / E097

- Strojní závitníky MTT-X
- Gépi Menetformázó MTT-X
- Wygniataki maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



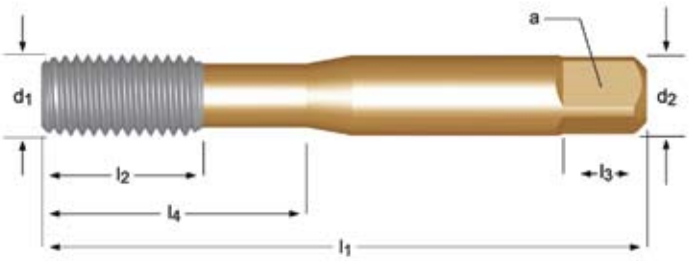
MTT-X

E090

M | HSS XS1 | Gold | ISO 529 | 6HX | 2.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 7.1 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
2	0.40	41	8	2.50	2.00	4	1.8	8	**E090M2** [1]
2.5	0.45	44.5	9.5	2.80	2.24	5	2.3	9.5	**E090M2.5** [1]
3	0.50	48	12.5	3.15	2.50	5	2.8	12.5	**E090M3**
3.5	0.60	50	14	3.55	2.80	5	3.2	14	**E090M3.5**
4	0.70	53	14	4.00	3.15	6	3.7	14	**E090M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E090M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E090M6**
8	1.25	72.0	16	8.00	6.30	9	7.4	29	**E090M8**
10	1.50	80.0	18	10.00	8.00	11	9.3	34	**E090M10**
12	1.75	89.0	22	9.00	7.10	10	11.2	-	**E090M12**
16	2.00	102.0	24	12.50	10.00	13	15.0	-	**E090M16**



MTT-X

E097

M | HSS XS1 | CrN | ISO 529 | 6HX | 2.5xD | C 2 - 3

■ 1.1 1.2 1.3 4.1 5.1 7.1 7.2 7.3

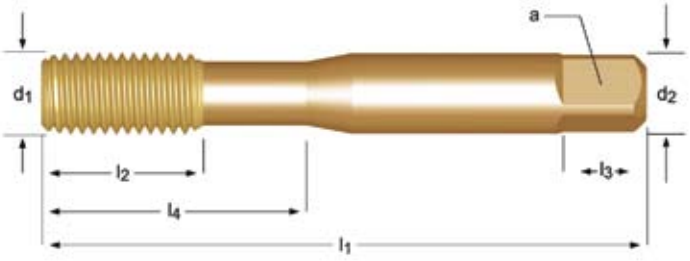
● 1.4 2.1 2.2 5.2 6.1 6.3 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
2	0.40	41	8	2.50	2.00	4	1.8	8	**E097M2** [1]
2.5	0.45	44.5	9.5	2.80	2.24	5	2.3	9.5	**E097M2.5** [1]
3	0.50	48	12.5	3.15	2.50	5	2.8	12.5	**E097M3**
4	0.70	53	14	4.00	3.15	6	3.7	14	**E097M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E097M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E097M6**
8	1.25	72.0	16	8.00	6.30	9	7.4	29	**E097M8**
10	1.50	80.0	18	10.00	8.00	11	9.3	34	**E097M10**
12	1.75	89.0	22	9.00	7.10	10	11.2		**E097M12**
16	2.00	102.0	24	12.50	10.00	13	15		**E097M16**

[1] HSCo

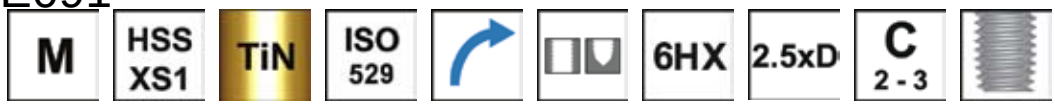
E091 / E098

- Strojní závitníky MTT-X
- Gépi Menetformázó MTT-X
- Wygniataki maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

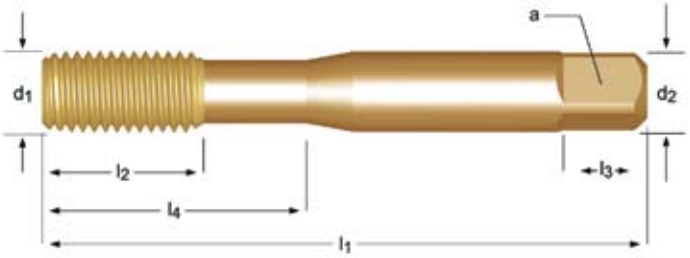
E091



■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
2	0.40	41	8	2.50	2.00	4	1.8	8	**E091M2** [1]
2.5	0.45	44.5	9.5	2.80	2.24	5	2.3	9.5	**E091M2.5** [1]
3	0.50	48	12.5	3.15	2.50	5	2.8	12.5	**E091M3**
3.5	0.60	50	14	3.55	2.80	5	3.2	14	**E091M3.5**
4	0.70	53	14	4.00	3.15	6	3.7	14	**E091M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E091M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E091M6**
8	1.25	72	16	8.00	6.30	9	7.4	29	**E091M8**
10	1.50	80	18	10.00	8.00	11	9.3	34	**E091M10**
12	1.75	89	22	9.00	7.10	10	11.2		**E091M12**
16	2.00	102	24	12.50	10.00	13	15		**E091M16**



MTT-X

E098

■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

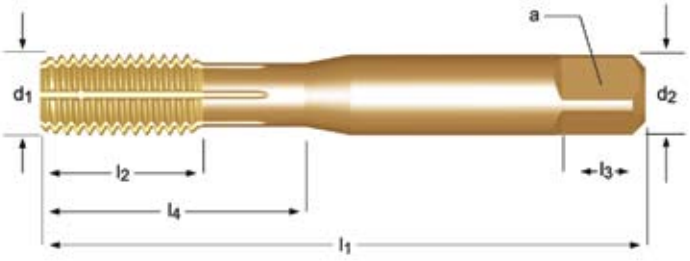
● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	2.8	12.5	**E098M3**
4	0.70	53	14	4.00	3.15	6	3.7	14	**E098M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E098M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E098M6**
8	1.25	72	16	8.00	6.30	9	7.4	29	**E098M8**
10	1.50	80	18	10.00	8.00	11	9.3	34	**E098M10**

[1] HSCo

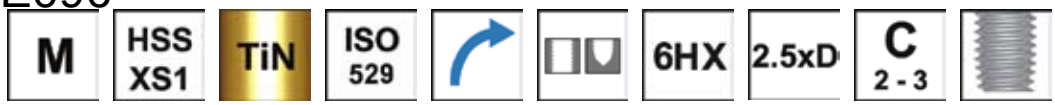
E096 / E099

- Strojní závitníky MTT-X
- Gépi Menetformázó MTT-X
- Wygniataki maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

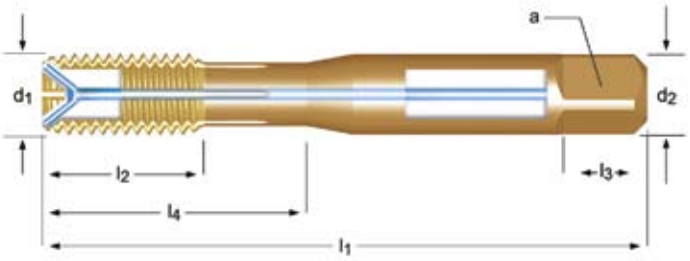
E096



■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
3	0.50	48	12.5	3.15	2.50	5	2.8	12.5	**E096M3**
4	0.70	53	14	4.00	3.15	6	3.7	14	**E096M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E096M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E096M6**
8	1.25	72	16	8.00	6.30	9	7.4	29	**E096M8**
10	1.50	80	18	10.00	8.00	11	9.3	34	**E096M10**
12	1.75	89	22	9.00	7.10	10	11.2		**E096M12**
16	2.00	102	24	12.50	10.00	13	15		**E096M16**



MTT-X

E099

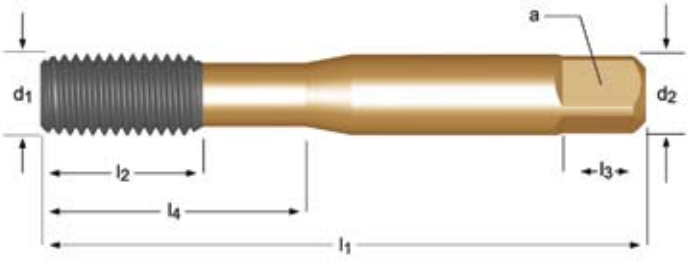
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
4	0.70	53	14	4.00	3.15	6	3.7	14	**E099M4**
5	0.80	58	11	5.00	4.00	7	4.6	22	**E099M5**
6	1.00	66	13	6.30	5.00	8	5.5	26	**E099M6**
8	1.25	72	16	8.00	6.30	9	7.4	29	**E099M8**
10	1.50	80	18	10.00	8.00	11	9.3	34	**E099M10**
12	1.75	89	22	9.00	7.10	10	11.2		**E099M12**
16	2.00	102	24	12.50	10.00	13	15		**E099M16**

E080

- Strojní závitníky MTT-X
- Gépi Menetformázó MTT-X
- Wygniataki maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E080

M | HSS XS1 | Dialub | ISO 529 | 6HX | 2.5xD | C 2 - 3

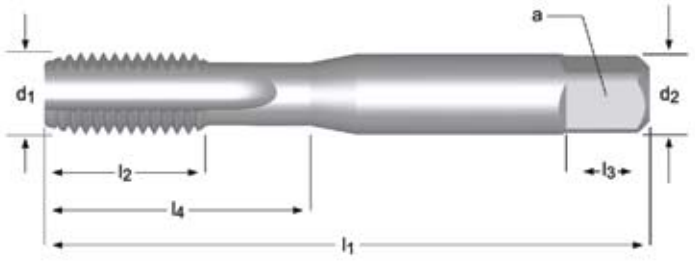
■ 6.1 6.3 7.1 7.2 7.3

M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code	
2	0.40	41.0	8	2.50	2.00	4	1.8	8	**E080M2**	1)
2.5	0.45	44.5	9.5	2.80	2.24	5	2.3	9.5	**E080M2.5**	1)
3	0.50	48.0	12.5	3.15	2.50	5	2.8	12.5	**E080M3**	
4	0.70	53.0	14	4.00	3.15	6	3.7	14	**E080M4**	
5	0.80	58.0	11	5.00	4.00	7	4.6	22	**E080M5**	
6	1.00	66.0	13	6.30	5.00	8	5.5	26	**E080M6**	
8	1.25	72.0	16	8.00	6.30	9	7.4	29	**E080M8**	

1) HSCo

E620 / E621

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E620

EGM | HSS | D ISO | 6H | 1.5xD | C 2 - 3

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

M	P mm	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	3.65	53	14	4.00	3.15	6	3	3.2	14	**E620M3**
4	0.70	4.91	58	11	5.00	4.00	7	3	4.2	20	**E620M4**
5	0.80	6.04	66	13	6.30	5.00	8	3	5.2	26	**E620M5**
6	1.00	7.3	72	16	8.00	6.30	9	3	6.3	29	**E620M6**
8	1.25	9.62	80	18	10.00	8.00	11	3	8.4	32	**E620M8**
10	1.50	11.95	89	22	9.00	7.10	10	3	10.5		**E620M10**
12	1.75	14.27	95	24	11.20	9.00	12	4	12.5		**E620M12**
14	2.00	16.6	112	29	14.00	11.20	14	4	14.5		**E620M14**
16	2.00	18.6	112	29	14.00	11.20	14	4	16.5		**E620M16**

E621

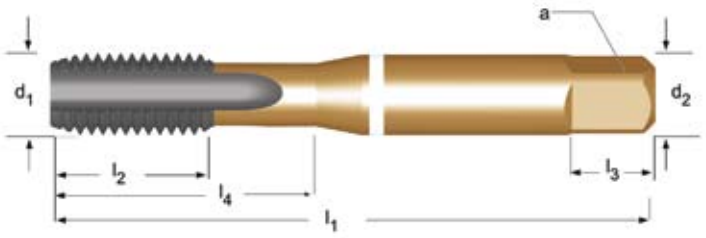
EGM | HSS | D ISO | 6H | 2xD | C 2 - 3 | 40°

• 1.2 1.3 1.4 1.5 2.1 2.2 2.3 5.2 7.1 7.2 7.3 7.4

M	P mm	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.50	3.65	53	14	4.00	3.15	6	3	3.2	14	**E621M3**
4	0.70	4.91	58	11	5.00	4.00	7	3	4.2	20	**E621M4**
5	0.80	6.04	66	13	6.30	5.00	8	3	5.2	26	**E621M5**
6	1.00	7.3	72	16	8.00	6.30	9	3	6.3	31	**E621M6**
8	1.25	9.62	80	18	10.00	8.00	11	3	8.4	34	**E621M8**
10	1.50	11.95	89	22	9.00	7.10	10	3	10.5		**E621M10**
12	1.75	14.27	95	24	11.20	9.00	12	3	12.5		**E621M12**
14	2.00	16.6	112	29	14.00	11.20	14	3	14.5		**E621M14**
16	2.00	18.6	112	29	14.00	11.20	14	3	16.5		**E621M16**

E054

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E054

MF | HSCo | TiAlN | ISO 529 | 6HX | 2xD | C 2 - 3

■ 3.1 3.2 3.3 8.2

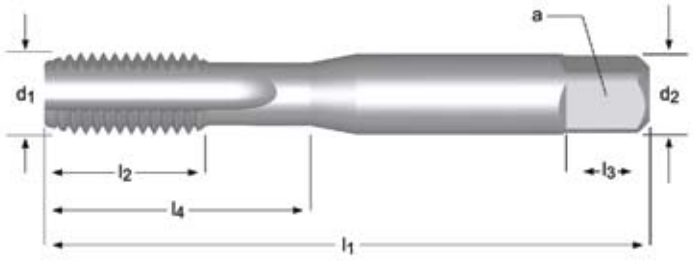
● 3.4 6.2 6.4 7.4

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	1.00	72	16	8.00	6.30	9	4	7	29	**E054M8X1.0**
10	1.00	80	18	10.00	8.00	11	4	9	34	**E054M10X1.0**
10	1.25	80	18	10.00	8.00	11	4	8.8	34	**E054M10X1.25**
12	1.00	89	22	9.00	7.10	10	4	11		**E054M12X1.0**
12	1.25	89	22	9.00	7.10	10	4	10.8		**E054M12X1.25**
12	1.50	89	22	9.00	7.10	10	4	10.5		**E054M12X1.5**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E054M14X1.25**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E054M14X1.5**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E054M16X1.5**

E513

DORMER

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E513

MF | HSS | ISO 529 | 6H | 1.5xD

● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3	0.35	48	12.5	3.15	2.50	5	3	2.65	12.5	E513M3X.35NO1
3	0.35	48	12.5	3.15	2.50	5	3	2.65	12.5	E513M3X.35NO2
3	0.35	48	12.5	3.15	2.50	5	3	2.65	12.5	E513M3X.35NO3
3.5	0.35	48	12.5	3.15	2.50	5	3	3.2	12.5	E513M3.5X.35NO3
4	0.50	53	14	4.00	3.15	6	3	3.5	14	E513M4X.5NO1
4	0.50	53	14	4.00	3.15	6	3	3.5	14	E513M4X.5NO2
4	0.50	53	14	4.00	3.15	6	3	3.5	14	E513M4X.5NO3
4	0.50	53	14	4.00	3.15	6	3	3.5	14	E513M4X.5NO7
5	0.50	58	11	5.00	4.00	7	3	4.5	22	E513M5X.5NO1
5	0.50	58	11	5.00	4.00	7	3	4.5	22	E513M5X.5NO2
5	0.50	58	11	5.00	4.00	7	3	4.5	22	E513M5X.5NO3
5	0.50	58	11	5.00	4.00	7	3	4.5	22	E513M5X.5NO7
5	0.75	58	11	5.00	4.00	7	3	4.3	22	E513M5X.75NO1
5	0.75	58	11	5.00	4.00	7	3	4.3	22	E513M5X.75NO2
5	0.75	58	11	5.00	4.00	7	3	4.3	22	E513M5X.75NO3
6	0.50	66	13	6.30	5.00	8	3	5.5	26	E513M6X.5NO1
6	0.50	66	13	6.30	5.00	8	3	5.5	26	E513M6X.5NO2
6	0.50	66	13	6.30	5.00	8	3	5.5	26	E513M6X.5NO3
6	0.75	66	13	6.30	5.00	8	3	5.3	26	E513M6X.75NO1
6	0.75	66	13	6.30	5.00	8	3	5.3	26	E513M6X.75NO2
6	0.75	66	13	6.30	5.00	8	3	5.3	26	E513M6X.75NO3
6	0.75	66	13	6.30	5.00	8	3	5.3	26	E513M6X.75NO7
7	0.75	66	13	7.10	5.60	8	3	6.3	26	E513M7X.75NO1
7	0.75	66	13	7.10	5.60	8	3	6.3	26	E513M7X.75NO2
7	0.75	66	13	7.10	5.60	8	3	6.3	26	E513M7X.75NO3
8	0.50	72	16	8.00	6.30	9	3	7.5	29	E513M8X.5NO1
8	0.50	72	16	8.00	6.30	9	3	7.5	29	E513M8X.5NO2
8	0.50	72	16	8.00	6.30	9	3	7.5	29	E513M8X.5NO3
8	0.75	72	16	8.00	6.30	9	3	7.3	29	E513M8X.75NO1
8	0.75	72	16	8.00	6.30	9	3	7.3	29	E513M8X.75NO2
8	0.75	72	16	8.00	6.30	9	3	7.3	29	E513M8X.75NO3
8	0.75	72	16	8.00	6.30	9	3	7.3	29	E513M8X.75NO7
8	1.00	72	16	8.00	6.30	9	3	7	29	E513M8X1.0NO1
8	1.00	72	16	8.00	6.30	9	3	7	29	E513M8X1.0NO2
8	1.00	72	16	8.00	6.30	9	3	7	29	E513M8X1.0NO3
8	1.00	72	16	8.00	6.30	9	3	7	29	E513M8X1.0NO7
9	0.75	72	16	9.00	7.10	10	3	8.3	29	E513M9X.75NO3
9	1.00	72	16	9.00	7.10	10	3	8	29	E513M9X1.0NO1
9	1.00	72	16	9.00	7.10	10	3	8	29	E513M9X1.0NO2
9	1.00	72	16	9.00	7.10	10	3	8	29	E513M9X1.0NO3
10	0.50	80	18	10.00	8.00	11	3	9.5	34	E513M10X.5NO3
10	0.75	80	18	10.00	8.00	11	3	9.3	34	E513M10X.75NO1
10	0.75	80	18	10.00	8.00	11	3	9.3	34	E513M10X.75NO2
10	0.75	80	18	10.00	8.00	11	3	9.3	34	E513M10X.75NO3
10	1.00	80	18	10.00	8.00	11	3	9	34	E513M10X1.0NO1
10	1.00	80	18	10.00	8.00	11	3	9	34	E513M10X1.0NO2
10	1.00	80	18	10.00	8.00	11	3	9	34	E513M10X1.0NO3
10	1.00	80	18	10.00	8.00	11	3	9	34	E513M10X1.0NO6

NO1 ... NO6 299

E513

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	⌀	l_4 mm	e-Code
10	1.00	80	18	10.00	8.00	11	3	9	34	**E513M10X1.0NO7**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E513M10X1.25NO1**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E513M10X1.25NO2**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E513M10X1.25NO3**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E513M10X1.25NO6**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E513M10X1.25NO7**
11	0.75	85	19	8.00	6.30	9	3	10.3		**E513M11X.75NO1**
11	0.75	85	19	8.00	6.30	9	3	10.3		**E513M11X.75NO2**
11	0.75	85	19	8.00	6.30	9	3	10.3		**E513M11X.75NO3**
11	1.00	85	19	8.00	6.30	9	3	10		**E513M11X1.0NO1**
11	1.00	85	19	8.00	6.30	9	3	10		**E513M11X1.0NO2**
11	1.00	85	19	8.00	6.30	9	3	10		**E513M11X1.0NO3**
11	1.25	85	19	8.00	6.30	9	3	9.8		**E513M11X1.25NO3**
12	0.75	89	22	9.00	7.10	10	3	11.3		**E513M12X.75NO3**
12	1.00	89	22	9.00	7.10	10	3	11		**E513M12X1.0NO1**
12	1.00	89	22	9.00	7.10	10	3	11		**E513M12X1.0NO2**
12	1.00	89	22	9.00	7.10	10	3	11		**E513M12X1.0NO3**
12	1.00	89	22	9.00	7.10	10	3	11		**E513M12X1.0NO7**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E513M12X1.25NO1**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E513M12X1.25NO2**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E513M12X1.25NO3**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E513M12X1.25NO6**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E513M12X1.25NO7**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E513M12X1.5NO1**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E513M12X1.5NO2**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E513M12X1.5NO3**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E513M12X1.5NO6**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E513M12X1.5NO7**
13	1.50	89	22	9.00	7.10	10	3	11.5		**E513M13X1.5NO3**
14	1.00	95	24	11.20	9.00	12	4	13		**E513M14X1.0NO1**
14	1.00	95	24	11.20	9.00	12	4	13		**E513M14X1.0NO2**
14	1.00	95	24	11.20	9.00	12	4	13		**E513M14X1.0NO3**
14	1.00	95	24	11.20	9.00	12	4	13		**E513M14X1.0NO7**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E513M14X1.25NO1**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E513M14X1.25NO2**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E513M14X1.25NO3**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E513M14X1.25NO6**
14	1.25	95	24	11.20	9.00	12	4	12.8		**E513M14X1.25NO7**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E513M14X1.5NO1**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E513M14X1.5NO2**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E513M14X1.5NO3**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E513M14X1.5NO6**
14	1.50	95	24	11.20	9.00	12	4	12.5		**E513M14X1.5NO7**
15	1.50	95	24	11.20	9.00	12	4	13.5		**E513M15X1.5NO2**
15	1.50	95	24	11.20	9.00	12	4	13.5		**E513M15X1.5NO3**
15	1.50	95	24	11.20	9.00	12	4	13.5		**E513M15X1.5NO7**
16	1.00	102	24	12.50	10.00	13	4	15		**E513M16X1.0NO1**
16	1.00	102	24	12.50	10.00	13	4	15		**E513M16X1.0NO2**
16	1.00	102	24	12.50	10.00	13	4	15		**E513M16X1.0NO3**
16	1.00	102	24	12.50	10.00	13	4	15		**E513M16X1.0NO7**
16	1.25	102	24	12.50	10.00	13	4	14.8		**E513M16X1.25NO3**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E513M16X1.5NO1**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E513M16X1.5NO2**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E513M16X1.5NO3**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E513M16X1.5NO6**
16	1.50	102	24	12.50	10.00	13	4	14.5		**E513M16X1.5NO7**
18	1.00	112	29	14.00	11.20	14	4	17		**E513M18X1.0NO1**
18	1.00	112	29	14.00	11.20	14	4	17		**E513M18X1.0NO2**
18	1.00	112	29	14.00	11.20	14	4	17		**E513M18X1.0NO3**
18	1.00	112	29	14.00	11.20	14	4	17		**E513M18X1.0NO7**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E513M18X1.5NO1**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E513M18X1.5NO2**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E513M18X1.5NO3**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E513M18X1.5NO6**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E513M18X1.5NO7**
18	2.00	112	29	14.00	11.20	14	4	16		**E513M18X2.0NO1**
18	2.00	112	29	14.00	11.20	14	4	16		**E513M18X2.0NO2**
18	2.00	112	29	14.00	11.20	14	4	16		**E513M18X2.0NO3**
18	2.00	112	29	14.00	11.20	14	4	16		**E513M18X2.0NO7**
20	1.00	112	29	14.00	11.20	14	4	19		**E513M20X1.0NO1**
20	1.00	112	29	14.00	11.20	14	4	19		**E513M20X1.0NO2**
20	1.00	112	29	14.00	11.20	14	4	19		**E513M20X1.0NO3**
20	1.00	112	29	14.00	11.20	14	4	19		**E513M20X1.0NO7**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E513M20X1.5NO1**

NO1 | NO8 299

E513

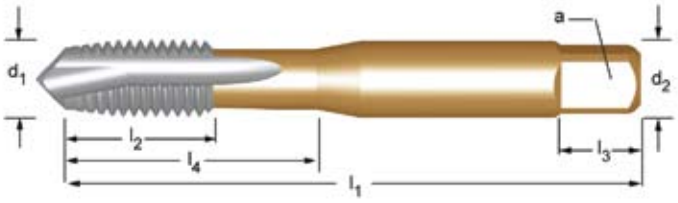
DORMER

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
20	1.50	112	29	14.00	11.20	14	4	18.5		**E513M20X1.5NO2**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E513M20X1.5NO3**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E513M20X1.5NO6**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E513M20X1.5NO7**
20	2.00	112	29	14.00	11.20	14	4	18		**E513M20X2.0NO1**
20	2.00	112	29	14.00	11.20	14	4	18		**E513M20X2.0NO2**
20	2.00	112	29	14.00	11.20	14	4	18		**E513M20X2.0NO3**
20	2.00	112	29	14.00	11.20	14	4	18		**E513M20X2.0NO7**
22	1.00	118	29	16.00	12.50	16	4	21		**E513M22X1.0NO2**
22	1.00	118	29	16.00	12.50	16	4	21		**E513M22X1.0NO3**
22	1.00	118	29	16.00	12.50	16	4	21		**E513M22X1.0NO7**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E513M22X1.5NO1**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E513M22X1.5NO2**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E513M22X1.5NO3**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E513M22X1.5NO7**
22	2.00	118	29	16.00	12.50	16	4	20		**E513M22X2.0NO1**
22	2.00	118	29	16.00	12.50	16	4	20		**E513M22X2.0NO2**
22	2.00	118	29	16.00	12.50	16	4	20		**E513M22X2.0NO3**
22	2.00	118	29	16.00	12.50	16	4	20		**E513M22X2.0NO7**
24	1.00	130	35	18.00	14.00	18	4	23		**E513M24X1.0NO2**
24	1.00	130	35	18.00	14.00	18	4	23		**E513M24X1.0NO3**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E513M24X1.5NO1**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E513M24X1.5NO2**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E513M24X1.5NO3**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E513M24X1.5NO7**
24	2.00	130	35	18.00	14.00	18	4	22		**E513M24X2.0NO1**
24	2.00	130	35	18.00	14.00	18	4	22		**E513M24X2.0NO2**
24	2.00	130	35	18.00	14.00	18	4	22		**E513M24X2.0NO3**
24	2.00	130	35	18.00	14.00	18	4	22		**E513M24X2.0NO7**
25	1.50	130	35	18.00	14.00	18	4	23.5		**E513M25X1.5NO1**
25	1.50	130	35	18.00	14.00	18	4	23.5		**E513M25X1.5NO2**
25	1.50	130	35	18.00	14.00	18	4	23.5		**E513M25X1.5NO3**
25	1.50	130	35	18.00	14.00	18	4	23.5		**E513M25X1.5NO6**
25	1.50	130	35	18.00	14.00	18	4	23.5		**E513M25X1.5NO7**
26	1.50	130	35	18.00	14.00	18	4	24.5		**E513M26X1.5NO2**
26	1.50	130	35	18.00	14.00	18	4	24.5		**E513M26X1.5NO3**
27	1.50	135	35	20.00	16.00	20	4	25.5		**E513M27X1.5NO2**
27	1.50	135	35	20.00	16.00	20	4	25.5		**E513M27X1.5NO3**
27	2.00	135	35	20.00	16.00	20	4	25		**E513M27X2.0NO3**
28	1.50	138	35	20.00	16.00	20	4	26.5		**E513M28X1.5NO2**
28	1.50	138	35	20.00	16.00	20	4	26.5		**E513M28X1.5NO3**
30	1.50	138	41	20.00	16.00	20	4	28.5		**E513M30X1.5NO2**
30	1.50	138	41	20.00	16.00	20	4	28.5		**E513M30X1.5NO3**
30	2.00	138	41	20.00	16.00	20	4	28		**E513M30X2.0NO2**
30	2.00	138	41	20.00	16.00	20	4	28		**E513M30X2.0NO3**
32	1.50	151	41	22.40	18.00	22	4	30.5		**E513M32X1.5NO1**
32	1.50	151	41	22.40	18.00	22	4	30.5		**E513M32X1.5NO2**
32	1.50	151	41	22.40	18.00	22	4	30.5		**E513M32X1.5NO3**
33	2.00	151	41	22.40	18.00	22	4	31		**E513M33X2.0NO2**
33	2.00	151	41	22.40	18.00	22	4	31		**E513M33X2.0NO3**
35	1.50	162	47	25.00	20.00	24	4	33.5		**E513M35X1.5NO2**
35	1.50	162	47	25.00	20.00	24	4	33.5		**E513M35X1.5NO3**
36	1.50	162	47	25.00	20.00	24	4	34.5		**E513M36X1.5NO3**
36	2.00	162	47	25.00	20.00	24	4	34		**E513M36X2.0NO2**
36	2.00	162	47	25.00	20.00	24	4	34		**E513M36X2.0NO3**
36	3.00	162	47	25.00	20.00	24	4	33		**E513M36X3.0NO2**
36	3.00	162	47	25.00	20.00	24	4	33		**E513M36X3.0NO3**
39	3.00	170	47	28.00	22.40	26	4	36		**E513M39X3.0NO2**
39	3.00	170	47	28.00	22.40	26	4	36		**E513M39X3.0NO3**
40	1.50	170	53	28.00	22.40	26	6	38.5		**E513M40X1.5NO2**
40	1.50	170	53	28.00	22.40	26	6	38.5		**E513M40X1.5NO3**
42	1.50	170	53	28.00	22.40	26	6	40.5		**E513M42X1.5NO2**
42	1.50	170	53	28.00	22.40	26	6	40.5		**E513M42X1.5NO3**
42	3.00	170	53	28.00	22.40	26	6	39		**E513M42X3.0NO3**
45	1.50	187	54	31.50	25.00	28	6	43.5		**E513M45X1.5NO2**
45	1.50	187	54	31.50	25.00	28	6	43.5		**E513M45X1.5NO3**
48	1.50	187	60	31.50	25.00	28	6	46.5		**E513M48X1.5NO3**
48	2.00	187	60	31.50	25.00	28	6	46		**E513M48X2.0NO3**
48	3.00	187	60	31.50	25.00	28	6	45		**E513M48X3.0NO3**
50	1.50	187	60	31.50	25.00	28	6	48.5		**E513M50X1.5NO2**
50	1.50	187	60	31.50	25.00	28	6	48.5		**E513M50X1.5NO3**

NO1 NO8 299

E010

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E010

MF | HSS XS1 | Gold | ISO 529 | 6H | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
4	0.50	53	17	4.00	3.15	6	3	3.5	14	**E010M4X.5**
5	0.50	58	11	5.00	4.00	7	3	4.5	22	**E010M5X.5**
6	0.50	66	13	6.30	5.00	8	3	5.5	26	**E010M6X.5**
6	0.75	66	13	6.30	5.00	8	3	5.3	26	**E010M6X.75**
8	0.75	72	16	8.00	6.30	9	3	7.3	29	**E010M8X.75**
8	1.00	72	16	8.00	6.30	9	3	7.0	29	**E010M8X1.0**
10	1.00	80	18	10.00	8.00	11	3	9.0	34	**E010M10X1.0**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E010M10X1.25**
12	1.00	89	22	9.00	7.10	10	3	11.0		**E010M12X1.0**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E010M12X1.25**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E010M12X1.5**
14	1.00	95	24	11.20	9.00	12	3	13.0		**E010M14X1.0**
14	1.25	95	24	11.20	9.00	12	3	12.8		**E010M14X1.25**
14	1.50	95	24	11.20	9.00	12	3	12.5		**E010M14X1.5**
16	1.00	102	24	12.50	10.00	13	3	15.0		**E010M16X1.0**
16	1.50	102	24	12.50	10.00	13	3	14.5		**E010M16X1.5**
18	1.00	112	29	14.00	11.20	14	4	17.0		**E010M18X1.0**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E010M18X1.5**
20	1.00	112	29	14.00	11.20	14	4	19.0		**E010M20X1.0**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E010M20X1.5**
20	2.00	112	29	14.00	11.20	14	4	18.0		**E010M20X2.0**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E010M22X1.5**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E010M24X1.5**
24	2.00	130	35	18.00	14.00	18	4	22.0		**E010M24X2.0**

E011

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E011

MF | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | B 3.5 - 5

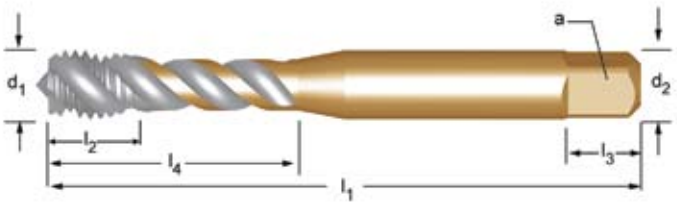
■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
4	0.50	53	17	4.00	3.15	6	3	3.5	14	**E011M4X.5**
5	0.50	58	11	5.00	4.00	7	3	4.5	22	**E011M5X.5**
6	0.50	66	13	6.30	5.00	8	3	5.5	26	**E011M6X.5**
6	0.75	66	13	6.30	5.00	8	3	5.3	26	**E011M6X.75**
8	0.75	72	16	8.00	6.30	9	3	7.3	29	**E011M8X.75**
8	1.00	72	16	8.00	6.30	9	3	7.0	29	**E011M8X1.0**
10	1.00	80	18	10.00	8.00	11	3	9.0	34	**E011M10X1.0**
10	1.25	80	18	10.00	8.00	11	3	8.8	34	**E011M10X1.25**
12	1.00	89	22	9.00	7.10	10	3	11.0		**E011M12X1.0**
12	1.25	89	22	9.00	7.10	10	3	10.8		**E011M12X1.25**
12	1.50	89	22	9.00	7.10	10	3	10.5		**E011M12X1.5**
14	1.00	95	24	11.20	9.00	12	3	13.0		**E011M14X1.0**
14	1.25	95	24	11.20	9.00	12	3	12.8		**E011M14X1.25**
14	1.50	95	24	11.20	9.00	12	3	12.5		**E011M14X1.5**
16	1.00	102	24	12.50	10.00	13	3	15.0		**E011M16X1.0**
16	1.50	102	24	12.50	10.00	13	3	14.5		**E011M16X1.5**
18	1.00	112	29	14.00	11.20	14	4	17.0		**E011M18X1.0**
18	1.50	112	29	14.00	11.20	14	4	16.5		**E011M18X1.5**
20	1.00	112	29	14.00	11.20	14	4	19.0		**E011M20X1.0**
20	1.50	112	29	14.00	11.20	14	4	18.5		**E011M20X1.5**
20	2.00	112	29	14.00	11.20	14	4	18.0		**E011M20X2.0**
22	1.50	118	29	16.00	12.50	16	4	20.5		**E011M22X1.5**
24	1.50	130	35	18.00	14.00	18	4	22.5		**E011M24X1.5**
24	2.00	130	35	18.00	14.00	18	4	22.0		**E011M24X2.0**

E012

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E012

MF | HSS XS1 | Gold | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 7.1 7.2 7.3 7.4

● 4.1 4.2 5.1 5.2 8.1

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
4	0.50	53	7	4.0	3.15	6	3	3.5	19	**E012M4X.5**
5	0.50	58	8	5.0	4.0	7	3	4.5	22	**E012M5X.5**
6	0.50	66	10	6.3	5.0	8	3	5.5	27	**E012M6X.5**
6	0.75	66	10	6.3	5.0	8	3	5.3	27	**E012M6X.75**
8	0.75	72	12	8.0	6.3	9	3	7.3	31	**E012M8X.75**
8	1.00	72	12	8.0	6.3	9	3	7.0	31	**E012M8X1.0**
10	1.00	80	15	10.0	8.0	11	3	9.0	35	**E012M10X1.0**
10	1.25	80	15	10.0	8.0	11	3	8.8	35	**E012M10X1.25**
12	1.00	89	16	9.0	7.1	10	3	11.0		**E012M12X1.0**
12	1.25	89	16	9.0	7.1	10	3	10.8		**E012M12X1.25**
12	1.50	89	16	9.0	7.1	10	3	10.5		**E012M12X1.5**
14	1.50	95	18	11.2	9.0	12	3	12.5		**E012M14X1.5**
16	1.00	102	18	12.5	10.0	13	4	15.0		**E012M16X1.0**
16	1.50	102	18	12.5	10.0	13	4	14.5		**E012M16X1.5**
18	1.50	112	29	14.0	11.2	14	4	16.5		**E012M18X1.5**
20	1.50	112	29	14.0	11.2	14	4	18.5		**E012M20X1.5**
22	1.50	118	29	16.0	12.5	16	4	20.5		**E012M22X1.5**

E013

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E013

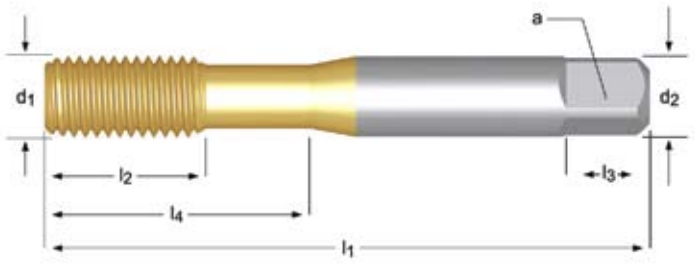
MF | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

- ■ 1.1 1.2 1.3 1.4 1.5
- ● 2.1 2.2 2.3

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
4	0.50	53	7	4.0	3.15	6	3	3.5	19	**E013M4X.5**
5	0.50	58	8	5.0	4.0	7	3	4.5	22	**E013M5X.5**
6	0.50	66	10	6.3	5.0	8	3	5.5	27	**E013M6X.5**
6	0.75	66	10	6.3	5.0	8	3	5.3	27	**E013M6X.75**
8	0.75	72	12	8.0	6.3	9	3	7.3	31	**E013M8X.75**
8	1.00	72	12	8.0	6.3	9	3	7.0	31	**E013M8X1.0**
10	1.00	80	15	10.0	8.0	11	3	9.0	35	**E013M10X1.0**
10	1.25	80	15	10.0	8.0	11	3	8.8	35	**E013M10X1.25**
12	1.00	89	16	9.0	7.1	10	3	11.0		**E013M12X1.0**
12	1.25	89	16	9.0	7.1	10	3	10.8		**E013M12X1.25**
12	1.50	89	16	9.0	7.1	10	3	10.5		**E013M12X1.5**
14	1.50	95	18	11.2	9.0	12	3	12.5		**E013M14X1.5**
16	1.00	102	18	12.5	10.0	13	4	15.0		**E013M16X1.0**
16	1.50	102	18	12.5	10.0	13	4	14.5		**E013M16X1.5**
18	1.50	112	29	14.0	11.2	14	4	16.5		**E013M18X1.5**
20	1.50	112	29	14.0	11.2	14	4	18.5		**E013M20X1.5**
22	1.50	118	29	16.0	12.5	16	4	20.5		**E013M22X1.5**

E564

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E564

MF | HSCo | TiN | ISO 529 | 6HX | 2.5xD | C 2 - 3

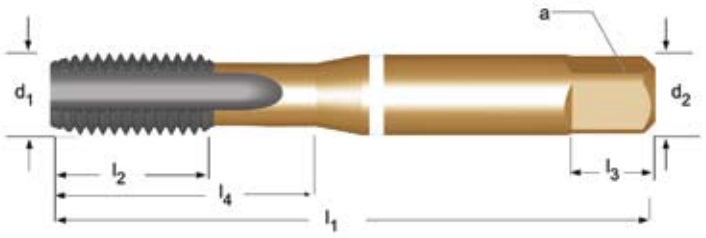
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
5	0.50	58	11	5.00	4.00	7	4.8	22	**E564M5X.5**
6	0.75	66	13	6.30	5.00	8	5.7	26	**E564M6X.75**
8	0.75	72	16	8.00	6.30	9	7.7	29	**E564M8X.75**
8	1.00	72	16	8.00	6.30	9	7.5	29	**E564M8X1.0**
10	1.00	80	18	10.00	8.00	11	9.5	34	**E564M10X1.0**
10	1.25	80	18	10.00	8.00	11	9.4	34	**E564M10X1.25**
12	1.00	89	22	9.00	7.10	10	11.5		**E564M12X1.0**
12	1.25	89	22	9.00	7.10	10	11.4		**E564M12X1.25**
12	1.50	89	22	9.00	7.10	10	11.3		**E564M12X1.5**
14	1.00	95	24	11.20	9.00	12	13.5		**E564M14X1.0**
14	1.25	95	24	11.20	9.00	12	13.4		**E564M14X1.25**
14	1.50	95	24	11.20	9.00	12	13.3		**E564M14X1.5**
16	1.50	102	24	12.50	10.00	13	15.25		**E564M16X1.5**

E059

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E059

UNC | HSCo | TiAlN | ISO 529 | 2B | 2xD | C 2 - 3

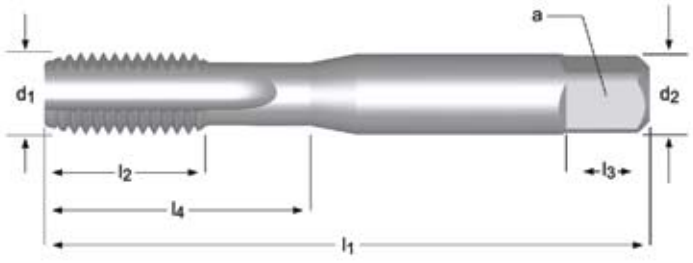
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1/4	20	6.35	66	13	6.30	5.00	8	4	5.1	26	**E0591/4**
5/16	18	7.94	72	16	8.00	6.30	9	4	6.6	29	**E0595/16**
3/8	16	9.53	80	18	10.00	8.00	11	4	8	32	**E0593/8**
1/2	13	12.70	89	22	9.00	7.10	10	4	10.8		**E0591/2**
5/8	11	15.88	102	24	12.50	10.00	13	4	13.5		**E0595/8**
3/4	10	19.05	112	29	14.00	11.20	14	4	16.5		**E0593/4**

E515

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



L120 397

E515

UNC | HSS | ISO 529 | 2B | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1	64	1.854	41	8	2.50	2.00	4	2	1.55	8	E5151-64NO1
1	64	1.854	41	8	2.50	2.00	4	2	1.55	8	E5151-64NO2
1	64	1.854	41	8	2.50	2.00	4	2	1.55	8	E5151-64NO3
1	64	1.854	41	8	2.50	2.00	4	2	1.55	8	E5151-64NO6
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E5152-56NO1
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E5152-56NO2
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E5152-56NO3
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	E5152-56NO6
3	48	2.515	44.5	9.5	2.80	2.24	5	3	2.1	9.5	E5153-48NO1
3	48	2.515	44.5	9.5	2.80	2.24	5	3	2.1	9.5	E5153-48NO2
3	48	2.515	44.5	9.5	2.80	2.24	5	3	2.1	9.5	E5153-48NO3
3	48	2.515	44.5	9.5	2.80	2.24	5	3	2.1	9.5	E5153-48NO6
4	40	2.845	48	12.5	3.15	2.50	5	3	2.35	12.5	E5154-40NO1
4	40	2.845	48	12.5	3.15	2.50	5	3	2.35	12.5	E5154-40NO2
4	40	2.845	48	12.5	3.15	2.50	5	3	2.35	12.5	E5154-40NO3
4	40	2.845	48	12.5	3.15	2.50	5	3	2.35	12.5	E5154-40NO6
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	E5155-40NO1
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	E5155-40NO2
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	E5155-40NO3
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	E5155-40NO6
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	E5156-32NO1
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	E5156-32NO2
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	E5156-32NO3
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	E5156-32NO6
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5158-32NO1
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5158-32NO2
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5158-32NO3
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5158-32NO6
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	E51510-24NO1
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	E51510-24NO2
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	E51510-24NO3
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	E51510-24NO6
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	E51512-24NO1
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	E51512-24NO2
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	E51512-24NO3
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	E51512-24NO6
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	E5151/4NO1
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	E5151/4NO2
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	E5151/4NO3
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	E5151/4NO6
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	E5155/16NO1
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	E5155/16NO2
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	E5155/16NO3
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	E5155/16NO6
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	E5153/8NO1
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	E5153/8NO2

NO1 NO6 299

E515

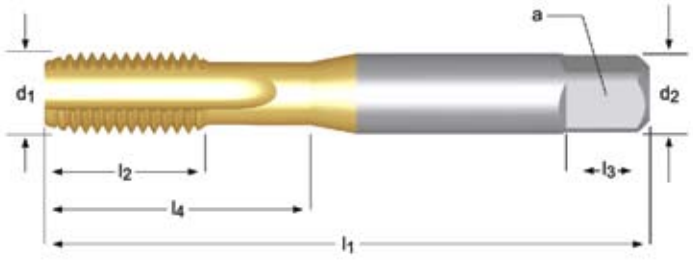
DORMER

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	**E5153/8NO3**
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	**E5153/8NO6**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5157/16NO1**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5157/16NO2**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5157/16NO3**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5157/16NO6**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5151/2NO1**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5151/2NO2**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5151/2NO3**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5151/2NO6**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5159/16NO1**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5159/16NO2**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5159/16NO3**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5159/16NO6**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5155/8NO1**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5155/8NO2**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5155/8NO3**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5155/8NO6**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.5		**E5153/4NO1**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.5		**E5153/4NO2**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.5		**E5153/4NO3**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.5		**E5153/4NO6**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.5		**E5157/8NO1**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.5		**E5157/8NO2**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.5		**E5157/8NO3**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.5		**E5157/8NO6**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E5151NO3**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E5151NO1**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E5151NO2**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E5151NO6**
1.1/8	7	28.575	138	35	20.00	16.00	20	4	25		**E5151.1/8NO1**
1.1/8	7	28.575	138	35	20.00	16.00	20	4	25		**E5151.1/8NO2**
1.1/8	7	28.575	138	35	20.00	16.00	20	4	25		**E5151.1/8NO3**
1.1/4	7	31.750	151	41	22.40	18.00	22	4	28		**E5151.1/4NO1**
1.1/4	7	31.750	151	41	22.40	18.00	22	4	28		**E5151.1/4NO2**
1.1/4	7	31.750	151	41	22.40	18.00	22	4	28		**E5151.1/4NO3**
1.3/8	6	34.925	162	47	25.00	20.00	24	4	30.75		**E5151.3/8NO1**
1.3/8	6	34.925	162	47	25.00	20.00	24	4	30.75		**E5151.3/8NO2**
1.3/8	6	34.925	162	47	25.00	20.00	24	4	30.75		**E5151.3/8NO3**
1.1/2	6	38.100	170	47	28.00	22.40	26	4	34		**E5151.1/2NO1**
1.1/2	6	38.100	170	47	28.00	22.40	26	4	34		**E5151.1/2NO2**
1.1/2	6	38.100	170	47	28.00	22.40	26	4	34		**E5151.1/2NO3**
1.3/4	5	44.450	187	54	31.50	25.00	28	6	39.5		**E5151.3/4NO1**
1.3/4	5	44.450	187	54	31.50	25.00	28	6	39.5		**E5151.3/4NO2**
1.3/4	5	44.450	187	54	31.50	25.00	28	6	39.5		**E5151.3/4NO3**
2	4.5	50.800	200	60	35.50	28.00	31	6	45		**E5152NO3**
2“	4.5	50.800	200	60	35.50	28.00	31	6	45		**E5152NO1**
2“	4.5	50.800	200	60	35.50	28.00	31	6	45		**E5152NO2**

NO1 | NO3 299

E517

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E517

UNC | HSS | TiN | ISO 529 | 2B | 1.5xD

■ 3.1 3.2 3.3

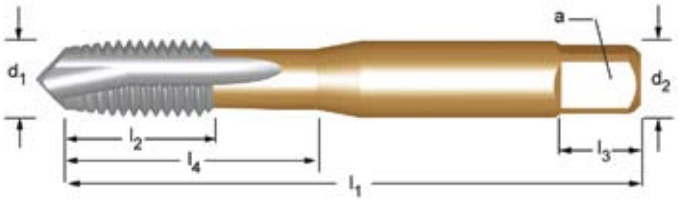
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	**E5176-32**
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	**E5176-32NO2**
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	**E5178-32**
8	32	4.166	53	9.5	4.50	3.55	6	3	3.5	17	**E5178-32NO2**
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	**E51710-24**
10	24	4.826	58	11	5.00	4.00	7	3	3.9	20	**E51710-24NO2**
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	**E51712-24**
12	24	5.486	62	12	5.60	4.50	7	3	4.5	21	**E51712-24NO2**
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	**E5171/4**
1/4	20	6.350	66	13	6.30	5.00	8	3	5.1	26	**E5171/4NO2**
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	**E5175/16**
5/16	18	7.938	72	16	8.00	6.30	9	3	6.6	29	**E5175/16NO2**
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	**E5173/8**
3/8	16	9.525	80	18	10.00	8.00	11	3	8	32	**E5173/8NO2**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5177/16**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.4		**E5177/16NO2**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5171/2**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.8		**E5171/2NO2**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5179/16**
9/16	12	14.288	95	24	11.20	9.00	12	4	12.2		**E5179/16NO2**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5175/8**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.5		**E5175/8NO2**

NO1 | NO8 299

E020

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E020

UNC | HSS XS1 | Gold | ISO 529 | 2B | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	**E0202-56**
4	40	2.845	48	14	3.15	2.50	5	3	2.35	14	**E0204-40**
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	**E0205-40**
6	32	3.505	50	16	3.55	2.80	5	3	2.85	16	**E0206-32**
8	32	4.166	53	9.5	4.50	3.55	6	3	3.50	17	**E0208-32**
10	24	4.826	58	11	5.00	4.00	7	3	3.90	20	**E02010-24**
12	24	5.486	62	12	5.60	4.50	7	3	4.50	21	**E02012-24**
1/4	20	6.350	66	13	6.30	5.00	8	3	5.10	26	**E0201/4**
5/16	18	7.938	72	16	8.00	6.30	9	3	6.60	29	**E0205/16**
3/8	16	9.525	80	18	10.00	8.00	11	3	8.00	32	**E0203/8**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.40		**E0207/16**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		**E0201/2**
5/8	11	15.875	102	24	12.50	10.00	13	3	13.50		**E0205/8**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		**E0203/4**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.50		**E0207/8**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E0201**

E021

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E021

UNC | HSS XS1 | ST | ISO 529 | 2B | 2.5xD | B 3.5 - 5

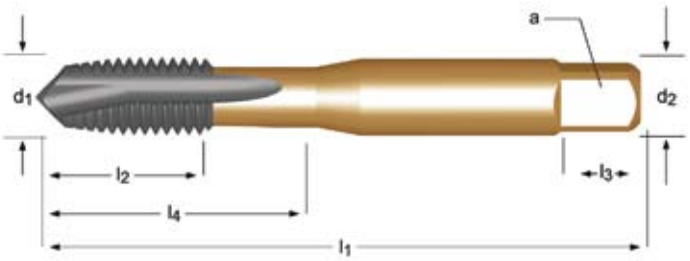
■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	56	2.184	44.5	9.5	2.80	2.24	5	3	1.85	9.5	**E0212-56**
4	40	2.845	48	14	3.15	2.50	5	3	2.35	14	**E0214-40**
5	40	3.175	48	12.5	3.15	2.50	5	3	2.65	12.5	**E0215-40**
6	32	3.505	50	16	3.55	2.80	5	3	2.85	16	**E0216-32**
8	32	4.166	53	9.5	4.50	3.55	6	3	3.50	17	**E0218-32**
10	24	4.826	58	11	5.00	4.00	7	3	3.90	20	**E02110-24**
12	24	5.486	62	12	5.60	4.50	7	3	4.50	21	**E02112-24**
1/4	20	6.350	66	13	6.30	5.00	8	3	5.10	26	**E0211/4**
5/16	18	7.938	72	16	8.00	6.30	9	3	6.60	29	**E0215/16**
3/8	16	9.525	80	18	10.00	8.00	11	3	8.00	32	**E0213/8**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.40		**E0217/16**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		**E0211/2**
5/8	11	15.875	102	24	12.50	10.00	13	3	13.50		**E0215/8**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		**E0213/4**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.50		**E0217/8**
1“	8	25.400	130	35	18.00	14.00	18	4	22.25		**E0211**

E057 / E055

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

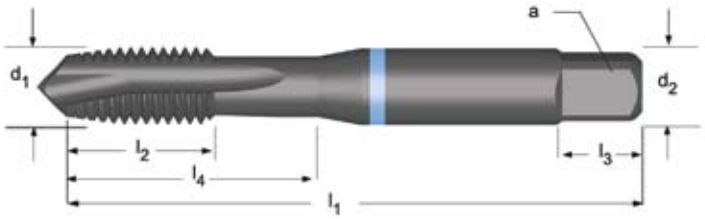
E057

UNC | HSS XS1 | TiAlN | ISO 529 | 2B | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 4.2 5.2 6.2

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	**E0576-32**
8	32	4.166	53	9.5	4.50	3.55	6	3	3.50	17	**E0578-32**
10	24	4.826	58	11	5.00	4.00	7	3	3.90	20	**E05710-24**
1/4	20	6.350	66	13	6.30	5.00	8	3	5.10	26	**E0571/4**
5/16	18	7.938	72	16	8.00	6.30	9	3	6.60	29	**E0575/16**
3/8	16	9.525	80	18	10.00	8.00	11	3	8.00	32	**E0573/8**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		**E0571/2**
5/8	11	15.875	102	24	12.50	10.00	13	3	13.50		**E0575/8**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		**E0573/4**



MTT-X

E055

UNC | HSS XS1 | ST | ISO 529 | 2B | 2.5xD | B 3.5 - 5

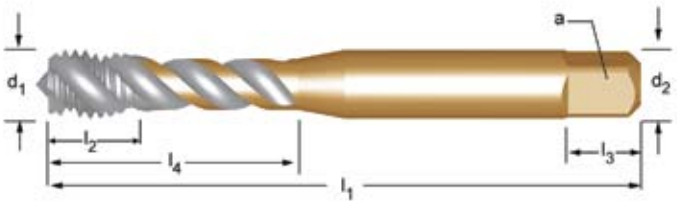
■ 2.1 2.2 2.3 2.4

● 1.5 1.6

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
4	40	2.85	48	12.5	3.15	2.50	5	3	2.35	12.5	**E0554-40**
6	32	3.51	50	14	3.55	2.80	5	3	2.85	14	**E0556-32**
8	32	4.17	53	9.5	4.50	3.55	6	3	3.5	17	**E0558-32**
10	24	4.83	58	11	5.00	4.00	7	3	3.9	20	**E05510-24**
1/4	20	6.35	66	13	6.30	5.00	8	3	5.1	26	**E0551/4**
5/16	18	7.94	72	16	8.00	6.30	9	3	6.6	29	**E0555/16**
3/8	16	9.53	80	18	10.00	8.00	11	3	8	32	**E0553/8**
1/2	13	12.70	89	22	9.00	7.10	10	4	10.8		**E0551/2**
5/8	11	15.88	102	24	12.50	10.00	13	4	13.5		**E0555/8**
3/4	10	19.05	112	29	14.00	11.20	14	4	16.5		**E0553/4**

E022

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E022

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 4.1 4.2 5.1 5.2 6.2 8.1

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	56	2.184	44.5	9.5	2.80	2.24	5	2	1.85	9.5	**E0222-56**
4	40	2.845	48	6	3.15	2.50	5	3	2.35	14	**E0224-40**
5	40	3.175	48	?	3.15	2.50	5	3	2.65	12.5	**E0225-40**
6	32	3.505	50	6	3.55	2.80	5	3	2.85	16	**E0226-32**
8	32	4.166	53	7	4.50	3.55	6	3	3.50	17	**E0228-32**
10	24	4.826	58	8	5.00	4.00	7	3	3.90	20	**E02210-24**
12	24	5.486	62	12	5.60	4.50	7	3	4.50	21	**E02212-24**
1/4	20	6.350	66	10	6.30	5.00	8	3	5.10	28	**E0221/4**
5/16	18	7.938	72	12	8.00	6.30	9	3	6.60	31	**E0225/16**
3/8	16	9.525	80	15	10.00	8.00	11	3	8.00	34	**E0223/8**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.40		**E0227/16**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		**E0221/2**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.50		**E0225/8**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		**E0223/4**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.50		**E0227/8**
1	8	25.400	130	35	18.00	14.00	18	4	22.25		**E0221**

E023

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E023

UNC | HSS XS1 | ST | ISO 529 | 2B | 2.5xD | C 2 - 3 | 48°

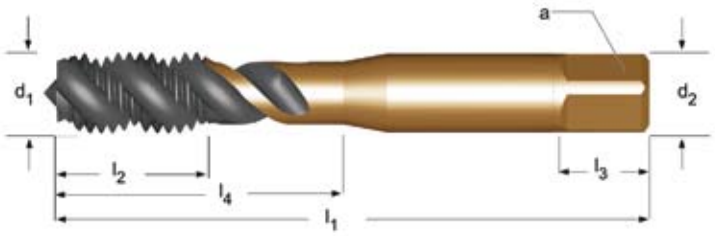
■ 1.1 1.2 1.3 1.4 1.5

● 2.1 2.2 2.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	56	2.184	44.5	9.5	2.80	2.24	5	2	1.85	9.5	**E0232-56**
4	40	2.845	48	6	3.15	2.50	5	3	2.35	14	**E0234-40**
5	40	3.175	48	?	3.15	2.50	5	3	2.65	12.5	**E0235-40**
6	32	3.505	50	6	3.55	2.80	5	3	2.85	16	**E0236-32**
8	32	4.166	53	7	4.50	3.55	6	3	3.50	17	**E0238-32**
10	24	4.826	58	8	5.00	4.00	7	3	3.90	20	**E02310-24**
12	24	5.486	62	12	5.60	4.50	7	3	4.50	21	**E02312-24**
1/4	20	6.350	66	10	6.30	5.00	8	3	5.10	28	**E0231/4**
5/16	18	7.938	72	12	8.00	6.30	9	3	6.60	31	**E0235/16**
3/8	16	9.525	80	15	10.00	8.00	11	3	8.00	34	**E0233/8**
7/16	14	11.112	85	19	8.00	6.30	9	3	9.40		**E0237/16**
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		**E0231/2**
5/8	11	15.875	102	24	12.50	10.00	13	4	13.50		**E0235/8**
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		**E0233/4**
7/8	9	22.225	118	29	16.00	12.50	16	4	19.50		**E0237/8**
1	8	25.400	130	35	18.00	14.00	18	4	22.25		**E0231**

E058 / E056

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E058

UNC | HSS XS1 | TiAlN | ISO 529 | 2B | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 4.2 5.2 6.2

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
6	32	3.505	50	14	3.55	2.80	5	3	2.85	14	E0586-32
8	32	4.166	53	9.5	4.50	3.55	6	3	3.50	17	E0588-32
10	24	4.826	58	11	5.00	4.00	7	3	3.90	20	E05810-24
1/4	20	6.350	66	13	6.30	5.00	8	3	5.10	28	E0581/4
5/16	18	7.938	72	16	8.00	6.30	9	3	6.60	31	E0585/16
3/8	16	9.525	80	18	10.00	8.00	11	3	8.00	34	E0583/8
1/2	13	12.700	89	22	9.00	7.10	10	3	10.80		E0581/2
5/8	11	15.875	102	24	12.50	10.00	13	4	13.50		E0585/8
3/4	10	19.050	112	29	14.00	11.20	14	4	16.50		E0583/4

MTT-X

E056

UNC | HSS XS1 | ST | ISO 529 | 2B | 2xD | C 2 - 3 | 48°

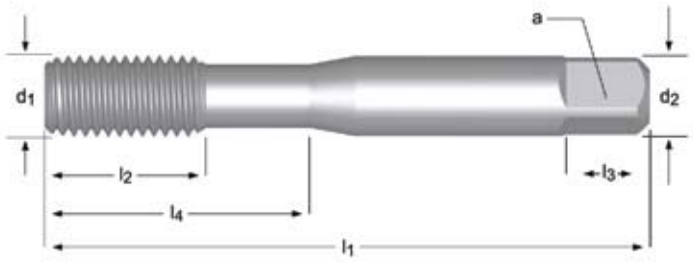
■ 2.1 2.2 2.3 2.4

● 1.5 1.6

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
4	40	2.84	48	6	3.15	2.50	5	3	2.35	14	E0564-40
6	32	3.51	48	6	3.55	2.80	5	3	2.85	17	E0566-32
8	32	4.17	53	7	4.50	3.55	6	3	3.5	17	E0568-32
10	24	4.83	58	8	5.00	4.00	7	3	3.9	21	E05610-24
1/4	20	6.35	66	10	6.30	5.00	8	3	5.1	27	E0561/4
5/16	18	7.94	72	12	8.00	6.30	9	3	6.6	31	E0565/16
3/8	16	9.53	80	15	10.00	8.00	11	3	8	33	E0563/8
1/2	13	12.70	89	17	9.00	7.10	10	3	10.8		E0561/2
5/8	11	15.88	102	18	12.50	10.00	13	4	13.5		E0565/8
3/4	10	19.05	112	22	14.00	11.20	14	4	16.5		E0563/4

E523 / E596

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

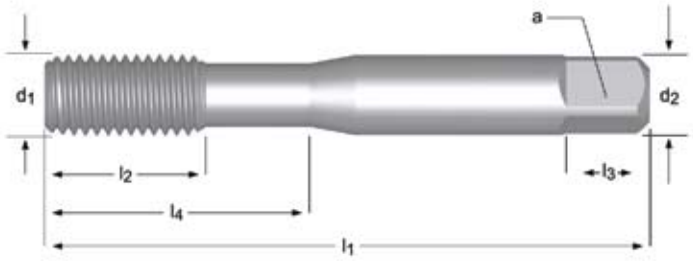


E523

UNC | HSS | ISO 529 | 2BX | 2.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 7.1 7.2 7.3

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
4	40	2.845	48	12.5	3.15	2.50	5	2.6	12.5	**E5234-40BRIGHT**
6	32	3.505	50	14	3.55	2.80	5	3.2	14	**E5236-32BRIGHT**
8	32	4.166	53	9.5	4.50	3.55	6	3.8	18	**E5238-32BRIGHT**
10	24	4.826	58	11	5.00	4.00	7	4.4	20	**E52310-24BRIGHT**
1/4	20	6.350	66	13	6.30	5.00	8	5.8	26	**E5231/4BRIGHT**
5/16	18	7.938	72	16	8.00	6.30	9	7.3	29	**E5235/16BRIGHT**
3/8	16	9.525	80	18	10.00	8.00	11	8.8	32	**E5233/8BRIGHT**



E596

UNC | HSS | CrN | ISO 529 | 2BX | 2.5xD | C 2 - 3

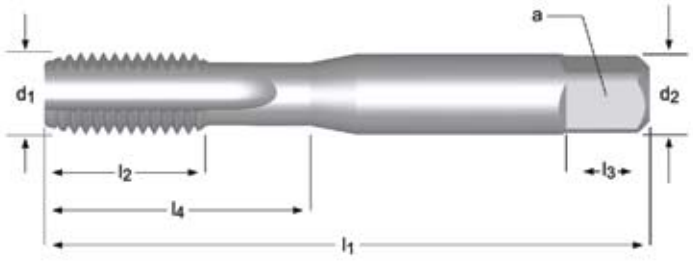
■ 1.1 1.2 1.3 4.1 5.1 7.1 7.2 7.3

● 1.4 2.1 2.2 5.2 6.1 6.3 7.4

UNC	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
4	40	2.845	48	12.5	3.15	2.50	5	2.6	12.5	**E5964-40**
6	32	3.505	50	14	3.55	2.80	5	3.2	14	**E5966-32**
8	32	4.166	53	9.5	4.50	3.55	6	3.8	18	**E5968-32**
10	24	4.826	58	11	5.00	4.00	7	4.4	20	**E59610-24**
1/4	20	6.350	66	13	6.30	5.00	8	5.8	26	**E5961/4**
5/16	18	7.938	72	16	8.00	6.30	9	7.3	29	**E5965/16**
3/8	16	9.525	80	18	10.00	8.00	11	8.8	32	**E5963/8**

E524

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



L120 397

E524

UNF | HSS | ISO 529 | 2B | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	□ a mm	l_3 mm	z	↔	l_4 mm	e-Code
0	80	1.524	41	7	2.50	2.00	4	2	1.25	7	E5240-80NO1
0	80	1.524	41	7	2.50	2.00	4	2	1.25	7	E5240-80NO2
0	80	1.524	41	7	2.50	2.00	4	2	1.25	7	E5240-80NO3
0	80	1.524	41	7	2.50	2.00	4	2	1.25	7	E5240-80NO6
1	72	1.854	41	8	2.50	2.00	4	2	1.55	8	E5241-72NO1
1	72	1.854	41	8	2.50	2.00	4	2	1.55	8	E5241-72NO2
1	72	1.854	41	8	2.50	2.00	4	2	1.55	8	E5241-72NO3
1	72	1.854	41	8	2.50	2.00	4	2	1.55	8	E5241-72NO6
2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.9	9.5	E5242-64NO1
2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.9	9.5	E5242-64NO2
2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.9	9.5	E5242-64NO3
2	64	2.184	44.5	9.5	2.80	2.24	5	3	1.9	9.5	E5242-64NO6
4	48	2.845	48	12.5	3.15	2.50	5	3	2.4	12.5	E5244-48NO1
4	48	2.845	48	12.5	3.15	2.50	5	3	2.4	12.5	E5244-48NO2
4	48	2.845	48	12.5	3.15	2.50	5	3	2.4	12.5	E5244-48NO3
4	48	2.845	48	12.5	3.15	2.50	5	3	2.4	12.5	E5244-48NO6
5	44	3.175	48	12.5	3.15	2.50	5	3	2.7	12.5	E5245-44NO1
5	44	3.175	48	12.5	3.15	2.50	5	3	2.7	12.5	E5245-44NO2
5	44	3.175	48	12.5	3.15	2.50	5	3	2.7	12.5	E5245-44NO3
5	44	3.175	48	12.5	3.15	2.50	5	3	2.7	12.5	E5245-44NO6
6	40	3.505	50	14	3.55	2.80	5	3	2.95	14	E5246-40NO1
6	40	3.505	50	14	3.55	2.80	5	3	2.95	14	E5246-40NO2
6	40	3.505	50	14	3.55	2.80	5	3	2.95	14	E5246-40NO3
6	40	3.505	50	14	3.55	2.80	5	3	2.95	14	E5246-40NO6
8	36	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5248-36NO1
8	36	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5248-36NO2
8	36	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5248-36NO3
8	36	4.166	53	9.5	4.50	3.55	6	3	3.5	17	E5248-36NO6
10	32	4.826	58	11	5.00	4.00	7	3	4.1	20	E52410-32NO1
10	32	4.826	58	11	5.00	4.00	7	3	4.1	20	E52410-32NO2
10	32	4.826	58	11	5.00	4.00	7	3	4.1	20	E52410-32NO3
10	32	4.826	58	11	5.00	4.00	7	3	4.1	20	E52410-32NO6
12	28	5.486	62	12	5.60	4.50	7	3	4.7	21	E52412-28NO1
12	28	5.486	62	12	5.60	4.50	7	3	4.7	21	E52412-28NO2
12	28	5.486	62	12	5.60	4.50	7	3	4.7	21	E52412-28NO3
12	28	5.486	62	12	5.60	4.50	7	3	4.7	21	E52412-28NO6
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	E5241/4NO1
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	E5241/4NO2
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	E5241/4NO3
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	E5241/4NO6
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	E5245/16NO1
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	E5245/16NO2
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	E5245/16NO3
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	E5245/16NO6
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	E5243/8NO1
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	E5243/8NO2

NO1 | NO6 299

E524

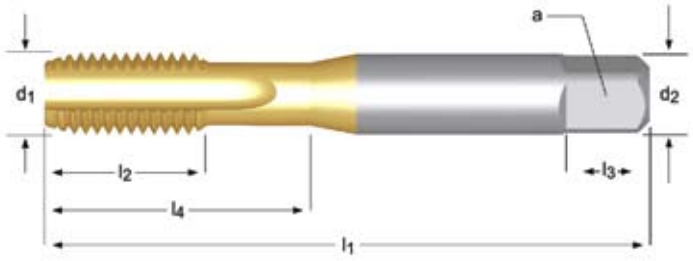
DORMER

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	**E5243/8NO3**
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	**E5243/8NO6**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5247/16NO1**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5247/16NO2**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5247/16NO3**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5247/16NO6**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5241/2NO1**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5241/2NO2**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5241/2NO3**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5241/2NO6**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5249/16NO1**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5249/16NO2**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5249/16NO3**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5249/16NO6**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5245/8NO1**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5245/8NO2**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5245/8NO3**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5245/8NO6**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.5		**E5243/4NO1**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.5		**E5243/4NO2**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.5		**E5243/4NO3**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.5		**E5243/4NO6**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.4		**E5247/8NO1**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.4		**E5247/8NO2**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.4		**E5247/8NO3**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.4		**E5247/8NO6**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E5241NO1**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E5241NO2**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E5241NO3**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E5241NO6**
1.1/8	12	28.575	138	35	20.00	16.00	20	4	26.5		**E5241.1/8NO1**
1.1/8	12	28.575	138	35	20.00	16.00	20	4	26.5		**E5241.1/8NO2**
1.1/8	12	28.575	138	35	20.00	16.00	20	4	26.5		**E5241.1/8NO3**
1.1/4	12	31.750	151	41	22.40	18.00	22	4	29.5		**E5241.1/4NO1**
1.1/4	12	31.750	151	41	22.40	18.00	22	4	29.5		**E5241.1/4NO2**
1.1/4	12	31.750	151	41	22.40	18.00	22	4	29.5		**E5241.1/4NO3**
1.3/8	12	34.925	162	47	25.00	20.00	24	4	32.75		**E5241.3/8NO1**
1.3/8	12	34.925	162	47	25.00	20.00	24	4	32.75		**E5241.3/8NO2**
1.3/8	12	34.925	162	47	25.00	20.00	24	4	32.75		**E5241.3/8NO3**
1.1/2	12	38.100	170	47	28.00	22.40	26	4	36		**E5241.1/2NO1**
1.1/2	12	38.100	170	47	28.00	22.40	26	4	36		**E5241.1/2NO2**
1.1/2	12	38.100	170	47	28.00	22.40	26	4	36		**E5241.1/2NO3**

NO1 | NO6 299

E526

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E526

UNF | HSS | TiN | ISO 529 | 2B | 1.5xD

■ 3.1 3.2 3.3

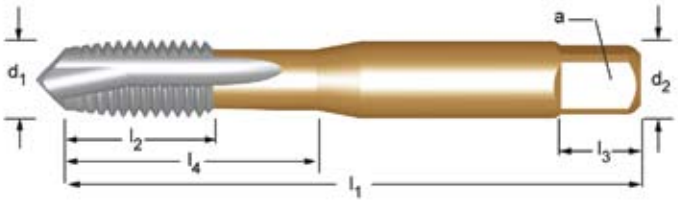
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	**E5261/4NO2**
1/4	28	6.350	66	13	6.30	5.00	8	3	5.5	26	**E5261/4NO3**
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	**E5265/16NO2**
5/16	24	7.938	72	16	8.00	6.30	9	3	6.9	29	**E5265/16NO3**
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	**E5263/8NO2**
3/8	24	9.525	80	18	10.00	8.00	11	3	8.5	32	**E5263/8NO3**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5267/16NO2**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.9		**E5267/16NO3**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5261/2NO2**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.5		**E5261/2NO3**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5269/16NO2**
9/16	18	14.288	95	24	11.20	9.00	12	4	12.9		**E5269/16NO3**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5265/8NO2**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.5		**E5265/8NO3**

NO1 | NO8 299

E030

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E030

UNF | HSS XS1 | Gold | ISO 529 | 2B | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	36	4.166	53	9.5	4.50	3.55	6	3	3.50	17	**E0308-36**
10	32	4.826	58	11	5.00	4.00	7	3	4.10	20	**E03010-32**
1/4	28	6.350	66	13	6.30	5.00	8	3	5.50	26	**E0301/4**
5/16	24	7.938	72	16	8.00	6.30	9	3	6.90	29	**E0305/16**
3/8	24	9.525	80	18	10.00	8.00	11	3	8.50	32	**E0303/8**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.90		**E0307/16**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.50		**E0301/2**
9/16	18	14.288	95	24	11.20	9.00	12	3	12.90		**E0309/16**
5/8	18	15.875	102	24	12.50	10.00	13	3	14.50		**E0305/8**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.50		**E0303/4**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.40		**E0307/8**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E0301**

E031

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E031

UNF | HSS XS1 | ST | ISO 529 | 2B | 2.5xD | B 3.5 - 5

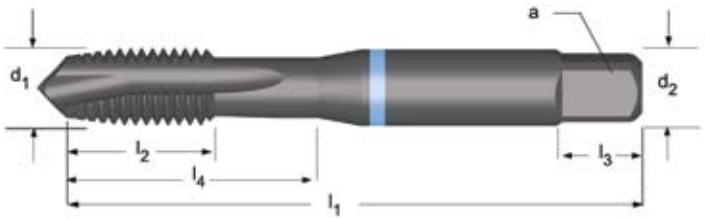
■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	36	4.166	53	9.5	4.50	3.55	6	3	3.50	17	**E0318-36**
10	32	4.826	58	11	5.00	4.00	7	3	4.10	20	**E03110-32**
1/4	28	6.350	66	13	6.30	5.00	8	3	5.50	26	**E0311/4**
5/16	24	7.938	72	16	8.00	6.30	9	3	6.90	29	**E0315/16**
3/8	24	9.525	80	18	10.00	8.00	11	3	8.50	32	**E0313/8**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.90		**E0317/16**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.50		**E0311/2**
9/16	18	14.288	95	24	11.20	9.00	12	3	12.90		**E0319/16**
5/8	18	15.875	102	24	12.50	10.00	13	3	14.50		**E0315/8**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.50		**E0313/4**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.40		**E0317/8**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E0311**

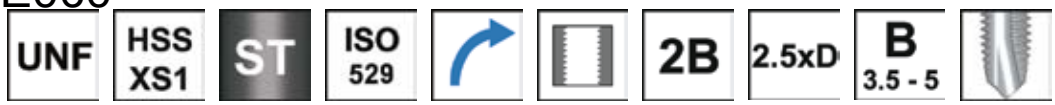
E060

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E060



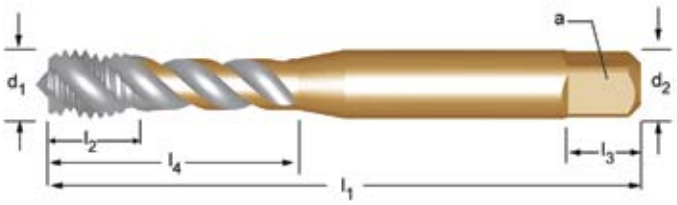
■ 2.1 2.2 2.3 2.4

● 1.5 1.6

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
10	32	4.83	58	11	5.00	4.00	7	3	4.1	20	**E06010-32**
1/4	28	6.35	66	13	6.30	5.00	8	3	5.5	26	**E0601/4**
5/16	24	7.94	72	16	8.00	6.30	9	3	6.9	29	**E0605/16**
3/8	24	9.53	80	18	10.00	8.00	11	3	8.5	32	**E0603/8**

E032

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E032

UNF | HSS XS1 | Gold | ISO 529 | 2B | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5 7.1 7.2 7.3 7.4

● 1.6 4.1 4.2 5.1 5.2 8.1

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	36	4.166	53	7	4.50	3.55	6	3	3.50	17	**E0328-36**
10	32	4.826	58	8	5.00	4.00	7	3	4.10	20	**E03210-32**
1/4	28	6.350	66	10	6.30	5.00	8	3	5.50	28	**E0321/4**
5/16	24	7.938	72	12	8.00	6.30	9	3	6.90	31	**E0325/16**
3/8	24	9.525	80	15	10.00	8.00	11	3	8.50	34	**E0323/8**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.90		**E0327/16**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.50		**E0321/2**
9/16	18	14.288	95	24	11.20	9.00	12	3	12.90		**E0329/16**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.50		**E0325/8**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.50		**E0323/4**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.40		**E0327/8**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E0321**

E033

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E033

UNF | HSS XS1 | ST | ISO 529 | 2B | 2.5xD | C 2 - 3 | 48°

■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
8	36	4.166	53	7	4.50	3.55	6	3	3.50	17	**E0338-36**
10	32	4.826	58	8	5.00	4.00	7	3	4.10	20	**E03310-32**
1/4	28	6.350	66	10	6.30	5.00	8	3	5.50	28	**E0331/4**
5/16	24	7.938	72	12	8.00	6.30	9	3	6.90	31	**E0335/16**
3/8	24	9.525	80	15	10.00	8.00	11	3	8.50	34	**E0333/8**
7/16	20	11.112	85	19	8.00	6.30	9	3	9.90		**E0337/16**
1/2	20	12.700	89	22	9.00	7.10	10	3	11.50		**E0331/2**
9/16	18	14.288	95	24	11.20	9.00	12	3	12.90		**E0339/16**
5/8	18	15.875	102	24	12.50	10.00	13	4	14.50		**E0335/8**
3/4	16	19.050	112	29	14.00	11.20	14	4	17.50		**E0333/4**
7/8	14	22.225	118	29	16.00	12.50	16	4	20.40		**E0337/8**
1“	12	25.400	130	35	18.00	14.00	18	4	23.25		**E0331**

E095

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X

MTT-X

E095

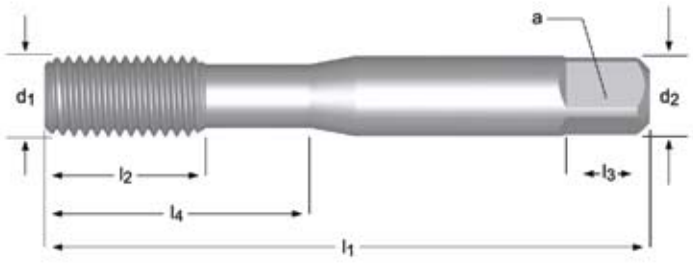
■ 2.1 2.2 2.3 2.4

● 1.5 1.6

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
10	32	4.83	58	8	5.00	4.00	7	3	4.1	21	**E09510-32**
1/4	28	6.35	66	10	6.30	5.00	8	3	5.5	27	**E0951/4**
5/16	24	7.94	72	12	8.00	6.30	9	3	6.9	31	**E0955/16**
3/8	24	9.53	80	15	10.00	8.00	11	3	8.5	33	**E0953/8**
1/2	20	12.70	89	17	9.00	7.10	10	3	11.5		**E0951/2**

E530 / E597

- Strojní závitníky
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

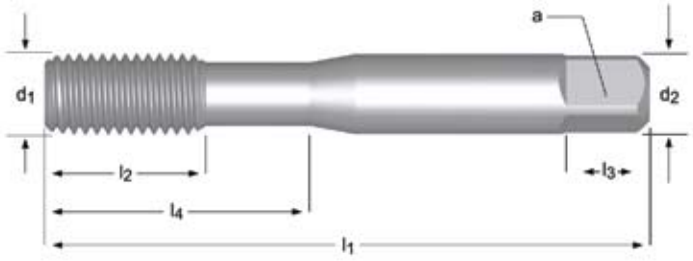


E530

UNF | HSS | ISO 529 | 2BX | 2.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 7.1 7.2 7.3

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
10	32	4.826	58	11	5.00	4.00	7	4.5	20	**E53010-32BRIGHT**
1/4	28	6.350	66	13	6.30	5.00	8	6	26	**E5301/4BRIGHT**
5/16	24	7.938	72	16	8.00	8.00	9	7.5	29	**E5305/16BRIGHT**
3/8	24	9.525	80	18	10.00	10.00	11	9.1	32	**E5303/8BRIGHT**
7/16	20	11.112	85	19	8.00	8.00	9	10.6		**E5307/16BRIGHT**



E597

UNF | HSS | CrN | ISO 529 | 2BX | 2.5xD | C 2 - 3

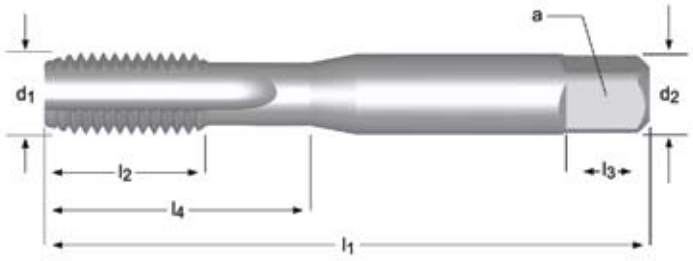
■ 1.1 1.2 1.3 4.1 5.1 7.1 7.2 7.3

● 1.4 2.1 2.2 5.2 6.1 6.3 7.4

UNF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code
8	36	4.166	53	9.5	4.50	3.55	6	3.9	18	**E5978-36**
10	32	4.826	58	11	5.00	4.00	7	4.5	20	**E59710-32**
1/4	28	6.350	66	13	6.30	5.00	8	6	26	**E5971/4**
5/16	24	7.938	72	16	8.00	8.00	9	7.5	29	**E5975/16**
3/8	24	9.525	80	18	10.00	10.00	11	9.1	32	**E5973/8**
7/16	20	11.112	85	19	8.00	8.00	9	10.6		**E5977/16**

E570

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E570

UN | HSS | ISO 529 | 2B | 1.5xD | C 2 - 3

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

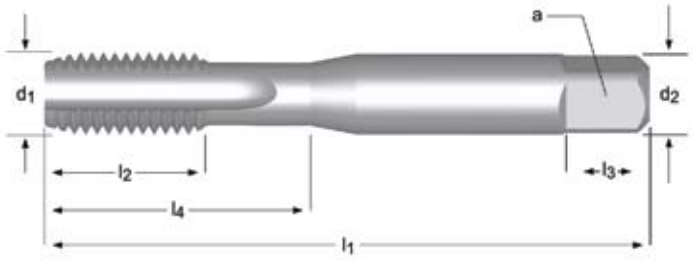
UN	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/4	32	6.350	66	13	6.30	5.00	3	5.6	26	**E5701/4X32NO3**
1/4	36	6.350	66	13	6.30	5.00	3	5.7	26	**E5701/4X36NO3**
1/4	40	6.350	66	13	6.30	5.00	3	5.7	26	**E5701/4X40NO3**
5/16	32	7.938	72	16	8.00	6.30	3	7.2	29	**E5705/16X32NO3**
3/8	32	9.525	80	18	10.00	8.00	3	8.8	32	**E5703/8X32NO3**
7/16	24	11.112	85	19	8.00	6.30	3	10		**E5707/16X24NO3**
7/16	28	11.112	85	19	8.00	6.30	3	10.2		**E5707/16X28NO3**
1/2	28	12.700	89	22	9.00	7.10	3	11.8		**E5701/2X28NO3**
9/16	24	14.288	95	24	11.20	9.00	4	13.25		**E5709/16X24NO3**
5/8	24	15.875	102	24	12.50	10.00	4	14.8		**E5705/8X24NO3**
3/4	20	19.050	112	29	14.00	11.20	4	17.8		**E5703/4X20NO3**
7/8	20	22.225	118	30	16.00	12.50	4	21		**E5707/8X20NO3**
1“	14	25.400	130	36	18.00	14.00	4	23.5		**E5701X14NO3**
1.1/16	12	26.988	127	37	20.00	16.00	4	24.75		**E5701.1/16X12NO3**
1.1/8	8	28.575	138	35	20.00	16.00	4	25.5		**E5701.1/8X8NO3**
1.3/16	12	30.163	137	37	22.40	18.00	4	28		**E5701.3/16X12NO3**
1.1/4	8	31.750	151	41	22.40	18.00	4	28.5		**E5701.1/4X8NO3**
1.5/16	12	33.338	137	37	22.40	18.00	4	31.25		**E5701.5/16X12NO3**

NO1 – NO8 299

E531

DORMER

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



L120 397

E531

BSW | HSS | ISO 529 | MEDIUM | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

BSW	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	E5311/8NO1
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	E5311/8NO2
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	E5311/8NO3
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	E5311/8NO6
5/32	32	3.969	53	14	4.00	3.15	3	3.2	14	E5315/32NO1
5/32	32	3.969	53	14	4.00	3.15	3	3.2	14	E5315/32NO2
5/32	32	3.969	53	14	4.00	3.15	3	3.2	14	E5315/32NO3
5/32	32	3.969	53	14	4.00	3.15	3	3.2	14	E5315/32NO6
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	E5313/16NO1
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	E5313/16NO2
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	E5313/16NO3
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	E5313/16NO6
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	E5311/4NO1
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	E5311/4NO2
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	E5311/4NO3
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	E5311/4NO6
5/16	18	7.938	72	16	8.00	6.30	3	6.5	29	E5315/16NO1
5/16	18	7.938	72	16	8.00	6.30	3	6.5	29	E5315/16NO2
5/16	18	7.938	72	16	8.00	6.30	3	6.5	29	E5315/16NO3
5/16	18	7.938	72	16	8.00	6.30	3	6.5	29	E5315/16NO6
3/8	16	9.525	80	18	10.00	8.00	3	7.9	32	E5313/8NO1
3/8	16	9.525	80	18	10.00	8.00	3	7.9	32	E5313/8NO2
3/8	16	9.525	80	18	10.00	8.00	3	7.9	32	E5313/8NO3
3/8	16	9.525	80	18	10.00	8.00	3	7.9	32	E5313/8NO6
7/16	14	11.112	85	19	8.00	6.30	3	9.2		E5317/16NO1
7/16	14	11.112	85	19	8.00	6.30	3	9.2		E5317/16NO2
7/16	14	11.112	85	19	8.00	6.30	3	9.2		E5317/16NO3
7/16	14	11.112	85	19	8.00	6.30	3	9.2		E5317/16NO6
1/2	12	12.700	89	22	9.00	7.10	3	10.5		E5311/2NO1
1/2	12	12.700	89	22	9.00	7.10	3	10.5		E5311/2NO2
1/2	12	12.700	89	22	9.00	7.10	3	10.5		E5311/2NO3
1/2	12	12.700	89	22	9.00	7.10	3	10.5		E5311/2NO6
5/8	11	15.875	102	24	12.50	10.00	4	13.5		E5315/8NO1
5/8	11	15.875	102	24	12.50	10.00	4	13.5		E5315/8NO2
5/8	11	15.875	102	24	12.50	10.00	4	13.5		E5315/8NO3
5/8	11	15.875	102	24	12.50	10.00	4	13.5		E5315/8NO6
3/4	10	19.050	112	29	14.00	11.20	4	16.5		E5313/4NO1
3/4	10	19.050	112	29	14.00	11.20	4	16.5		E5313/4NO2
3/4	10	19.050	112	29	14.00	11.20	4	16.5		E5313/4NO3
3/4	10	19.050	112	29	14.00	11.20	4	16.5		E5313/4NO6
1“	8	25.400	130	35	18.00	14.00	4	22		E5311NO1
1“	8	25.400	130	35	18.00	14.00	4	22		E5311NO2
1“	8	25.400	130	35	18.00	14.00	4	22		E5311NO3
1“	8	25.400	130	35	18.00	14.00	4	22		E5311NO6

NO1 | NO6 299

E534

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E534

BSW | HSS | ST | ISO 529 | MEDIUM | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 2.1 2.2 2.3

● 1.5 1.6 4.3 5.1 5.2 6.1 6.3 7.1 7.2 7.3 7.4 8.1

BSW	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	**E5341/8**
5/32	32	3.969	53	14	4.00	3.15	3	3.2	14	**E5345/32**
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	**E5343/16**
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	**E5341/4**
5/16	18	7.938	72	16	8.00	6.30	3	6.5	29	**E5345/16**
3/8	16	9.525	80	18	10.00	8.00	3	7.9	32	**E5343/8**
7/16	14	11.112	85	19	8.00	6.30	3	9.2		**E5347/16**
1/2	12	12.700	89	22	9.00	7.10	3	10.5		**E5341/2**
5/8	11	15.875	102	24	12.50	10.00	3	13.5		**E5345/8**
3/4	10	19.050	112	29	14.00	11.20	4	16.5		**E5343/4**

E533

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

E533

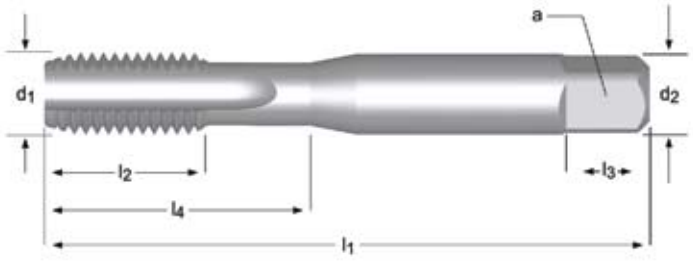
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 1.5 5.2 7.1 7.2 7.3 7.4

BSW	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	**E5331/8**
1/8	40	3.175	48	12.5	3.15	2.50	3	2.55	12.5	**E5331/8BLUE**
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	**E5333/16**
3/16	24	4.763	58	11	5.00	4.00	3	3.7	20	**E5333/16BLUE**
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	**E5331/4**
1/4	20	6.350	66	13	6.30	5.00	3	5.1	26	**E5331/4BLUE**
5/16	18	7.938	72	16	8.00	6.30	3	6.5	31	**E5335/16**
5/16	18	7.938	72	16	8.00	6.30	3	6.5	31	**E5335/16BLUE**
3/8	16	9.525	80	18	10.00	8.00	3	7.9	34	**E5333/8**
3/8	16	9.525	80	18	10.00	8.00	3	7.9	34	**E5333/8BLUE**
1/2	12	12.700	89	22	9.00	7.10	3	10.5		**E5331/2**
1/2	12	12.700	89	22	9.00	7.10	3	10.5		**E5331/2BLUE**
5/8	11	15.875	102	24	12.50	10.00	3	13.5		**E5335/8**
5/8	11	15.875	102	24	12.50	10.00	3	13.5		**E5335/8BLUE**
3/4	10	19.050	112	29	14.00	11.20	3	16.5		**E5333/4**
3/4	10	19.050	112	29	14.00	11.20	3	16.5		**E5333/4BLUE**

E536

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E536

BSF | HSS | ISO 529 | MEDIUM | 1.5xD

■ 6.1

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

BSF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
3/16	32	4.76	58	12	5.0	4.0	3	4	20	E5363/16NO1
3/16	32	4.76	58	12	5.0	4.0	3	4	20	E5363/16NO2
3/16	32	4.76	58	12	5.0	4.0	3	4	20	E5363/16NO3
3/16	32	4.76	58	12	5.0	4.0	3	4	20	E5363/16NO6
1/4	26	6.35	66	14	6.3	5.0	3	5.3	26	E5361/4NO1
1/4	26	6.35	66	14	6.3	5.0	3	5.3	26	E5361/4NO2
1/4	26	6.35	66	14	6.3	5.0	3	5.3	26	E5361/4NO3
1/4	26	6.35	66	14	6.3	5.0	3	5.3	26	E5361/4NO6
5/16	22	7.94	72	18	8.0	6.3	3	6.8	29	E5365/16NO1
5/16	22	7.94	72	18	8.0	6.3	3	6.8	29	E5365/16NO2
5/16	22	7.94	72	18	8.0	6.3	3	6.8	29	E5365/16NO3
5/16	22	7.94	72	18	8.0	6.3	3	6.8	29	E5365/16NO6
3/8	20	9.53	80	20	10.0	8.0	3	8.3	32	E5363/8NO1
3/8	20	9.53	80	20	10.0	8.0	3	8.3	32	E5363/8NO2
3/8	20	9.53	80	20	10.0	8.0	3	8.3	32	E5363/8NO3
3/8	20	9.53	80	20	10.0	8.0	3	8.3	32	E5363/8NO6
7/16	18	11.11	85	20	8.0	6.3	3	9.7		E5367/16NO1
7/16	18	11.11	85	20	8.0	6.3	3	9.7		E5367/16NO2
7/16	18	11.11	85	20	8.0	6.3	3	9.7		E5367/16NO3
7/16	18	11.11	85	20	8.0	6.3	3	9.7		E5367/16NO6
1/2	16	12.70	89	23	9.0	7.1	3	11		E5361/2NO1
1/2	16	12.70	89	23	9.0	7.1	3	11		E5361/2NO2
1/2	16	12.70	89	23	9.0	7.1	3	11		E5361/2NO3
1/2	16	12.70	89	23	9.0	7.1	3	11		E5361/2NO6
9/16	16	14.28	95	25	11.2	9.0	4	12.7		E5369/16NO1
9/16	16	14.28	95	25	11.2	9.0	4	12.7		E5369/16NO2
9/16	16	14.28	95	25	11.2	9.0	4	12.7		E5369/16NO3
9/16	16	14.28	95	25	11.2	9.0	4	12.7		E5369/16NO6
5/8	14	15.88	102	25	12.5	10.0	4	14		E5365/8NO1
5/8	14	15.88	102	25	12.5	10.0	4	14		E5365/8NO2
5/8	14	15.88	102	25	12.5	10.0	4	14		E5365/8NO3
5/8	14	15.88	102	25	12.5	10.0	4	14		E5365/8NO6
3/4	12	19.05	112	30	14.0	11.2	4	17		E5363/4NO1
3/4	12	19.05	112	30	14.0	11.2	4	17		E5363/4NO2
3/4	12	19.05	112	30	14.0	11.2	4	17		E5363/4NO3
3/4	12	19.05	112	30	14.0	11.2	4	17		E5363/4NO6
7/8	11	22.23	118	30	16.0	12.5	4	19.75		E5367/8NO1
7/8	11	22.23	118	30	16.0	12.5	4	19.75		E5367/8NO2
7/8	11	22.23	118	30	16.0	12.5	4	19.75		E5367/8NO3
7/8	11	22.23	118	30	16.0	12.5	4	19.75		E5367/8NO6
1“	10	25.40	130	36	18.0	14.0	4	22.75		E5361NO1
1“	10	25.40	130	36	18.0	14.0	4	22.75		E5361NO2
1	10	25.40	130	36	18.0	14.0	4	22.75		E5361NO3
1“	10	25.40	130	36	18.0	14.0	4	22.75		E5361NO6

NO1 | NO6 299

E539 / E538

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder

E539

BSF | HSS | ST | ISO 529 | MEDIUM | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4 2.1 2.2 2.3

● 1.5 1.6 4.3 5.1 5.2 6.1 6.3 7.1 7.2 7.3 7.4 8.1

BSF	TPI	d_1 nom Inch	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/4	26	6.35	66	14	6.3	5.0	3	5.3	26	E5391/4
5/16	22	7.94	72	18	8.0	6.3	3	6.8	29	E5395/16
3/8	20	9.53	80	20	10.0	8.0	3	8.3	32	E5393/8
1/2	16	12.70	89	23	9.0	7.1	3	11		E5391/2

E538

BSF | HSS | ST | ISO 529 | MEDIUM | 2xD | C 2 - 3 | 40°

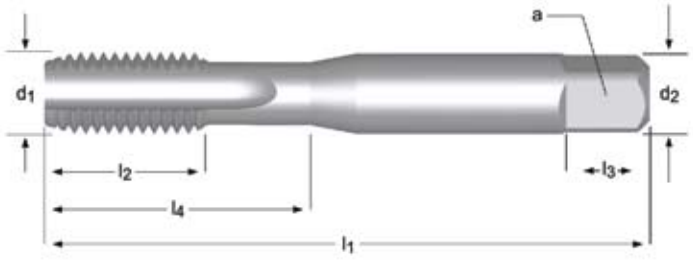
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 1.5 5.2 7.1 7.2 7.3 7.4

BSF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/4	26	6.350	66	13	6.30	5.00	3	5.3	26	E5381/4
1/4	26	6.350	66	13	6.30	5.00	3	5.3	26	E5381/4BLUE
5/16	22	7.938	72	16	8.00	6.30	3	6.8	31	E5385/16
5/16	22	7.938	72	16	8.00	6.30	3	6.8	31	E5385/16BLUE
3/8	20	9.525	80	18	10.00	8.00	3	8.3	34	E5383/8
3/8	20	9.525	80	18	10.00	8.00	3	8.3	34	E5383/8BLUE
1/2	16	12.700	89	22	9.00	7.10	3	11		E5381/2
1/2	16	12.700	89	22	9.00	7.10	3	11		E5381/2BLUE

E542

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



L120 397

E542

BA | HSS | ISO 529 | NORMAL | 1.5xD

• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

BA	P mm	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
BA10	0.35	1.70	41	7.0	2.50	2.0	4	2	1.3	7	**E542BA10NO1**
BA10	0.35	1.70	41	7.0	2.50	2.0	4	2	1.3	7	**E542BA10NO2**
BA10	0.35	1.70	41	7.0	2.50	2.0	4	2	1.3	7	**E542BA10NO3**
BA10	0.35	1.70	41	7.0	2.50	2.0	4	2	1.3	7	**E542BA10NO6**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E542BA8NO1**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E542BA8NO2**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E542BA8NO3**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E542BA8NO6**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E542BA6NO1**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E542BA6NO2**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E542BA6NO3**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E542BA6NO6**
BA 5	0.59	3.20	48	14.5	3.15	2.5	5	3	2.65	14.5	**E542BA5NO1**
BA 5	0.59	3.20	48	14.5	3.15	2.5	5	3	2.65	14.5	**E542BA5NO2**
BA 5	0.59	3.20	48	14.5	3.15	2.5	5	3	2.65	14.5	**E542BA5NO3**
BA 5	0.59	3.20	48	14.5	3.15	2.5	5	3	2.65	14.5	**E542BA5NO6**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E542BA4NO1**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E542BA4NO2**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E542BA4NO3**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E542BA4NO6**
BA 3	0.73	4.10	53	10.0	4.50	3.5	6	3	3.4	17	**E542BA3NO1**
BA 3	0.73	4.10	53	10.0	4.50	3.5	6	3	3.4	17	**E542BA3NO2**
BA 3	0.73	4.10	53	10.0	4.50	3.5	6	3	3.4	17	**E542BA3NO3**
BA 3	0.73	4.10	53	10.0	4.50	3.5	6	3	3.4	17	**E542BA3NO6**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E542BA2NO1**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E542BA2NO2**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E542BA2NO3**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E542BA2NO6**
BA 0	1.00	6.00	66	14.0	6.30	5.0	8	3	5.1	26	**E542BA0NO1**
BA 0	1.00	6.00	66	14.0	6.30	5.0	8	3	5.1	26	**E542BA0NO2**
BA 0	1.00	6.00	66	14.0	6.30	5.0	8	3	5.1	26	**E542BA0NO3**
BA 0	1.00	6.00	66	14.0	6.30	5.0	8	3	5.1	26	**E542BA0NO6**

NO1 NO3 299

E545 / E544

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder

E545

BA | HSS | ST | ISO 529 | NORMAL | 2.5xD | B 3.5 - 5

■ 1.1 1.2 1.3 1.4

● 1.5 1.6 2.1 2.2 2.3 4.3 5.1 5.2 6.1 6.3 7.1 7.2 7.3 7.4 8.1

BA	P mm	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
BA10	0.35	1.70	41	7.0	2.50	2.0	4	2	1.3	7	**E545BA10**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E545BA8**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E545BA6**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E545BA4**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E545BA2**

E544

BA | HSS | ST | ISO 529 | NORMAL | 2xD | C 2 - 3 | 40°

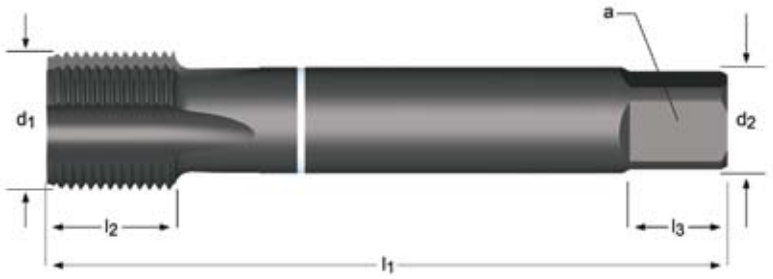
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 1.5 5.2 7.1 7.2 7.3 7.4

BA	P mm	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E544BA8**
BA 8	0.43	2.20	44.5	9.5	2.80	2.2	5	3	1.8	9.5	**E544BA8BLUE**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E544BA6**
BA 6	0.53	2.80	44.5	9.5	2.80	2.2	5	3	2.3	9.5	**E544BA6BLUE**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E544BA4**
BA 4	0.66	3.60	50	16.5	3.55	2.8	5	3	3	16.5	**E544BA4BLUE**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E544BA2**
BA 2	0.81	4.70	58	12.0	5.00	4.0	7	3	4	20	**E544BA2BLUE**

E416 / E282

- Strojní závitníky, bílý Shark
- Gépi Menetfúró, Fehér Shark
- Gwintowniki maszynowe,Bialy Shark
- Tarozi de masina, Shark ALB
- Машинные метчики “White Shark” для чугунов
- strojni navojni sveder, White Shark



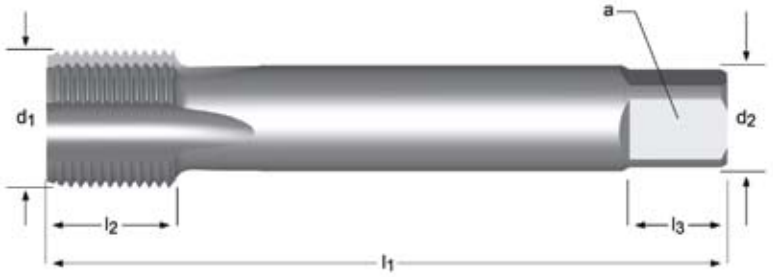
E416

G | HSCo | N | DIN 5156 | ISO 5969 | 2xD | C 2 - 3

■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.73	90	20	7	5.5	8	4	8.8	**E4161/8**
1/4	19	13.16	100	21	11	9.0	12	4	11.8	**E4161/4**
3/8	19	16.66	100	21	12	9.0	12	5	15.25	**E4163/8**
1/2	14	20.96	125	24	16	12.0	15	5	19	**E4161/2**
3/4	14	26.44	140	28	20	16.0	19	6	24.5	**E4163/4**
1“	11	33.25	160	30	25	20.0	23	6	30.75	**E4161**



E282

G | HSCo | DIN 5156 | ISO 5969 | 1.5xD | C 2 - 3

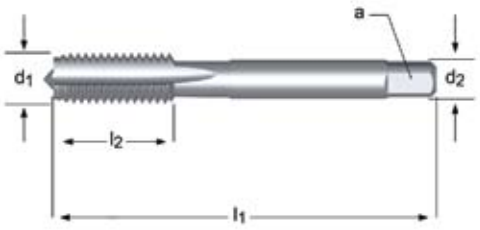
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.73	90	20	7	5.5	8	3	8.8	**E2821/8**
1/4	19	13.16	100	21	11	9.0	12	4	11.8	**E2821/4**
3/8	19	16.66	100	21	12	9.0	12	4	15.25	**E2823/8**
1/2	14	20.96	125	24	16	12.0	15	4	19	**E2821/2**
5/8	14	22.91	125	25	18	14.5	17	4	21	**E2825/8**
3/4	14	26.44	140	28	20	16.0	19	4	24.5	**E2823/4**
7/8	14	30.20	150	28	22	18.0	21	4	28.25	**E2827/8**
1	11	33.25	160	30	25	20.0	23	4	30.75	**E2821**
1.1/8	11	37.90	170	28	28	22.0	25	4	35	**E2821.1/8**
1.1/4	11	41.91	170	30	32	24.0	27	4	39.5	**E2821.1/4**
1.1/2	11	47.80	190	32	36	29.0	32	6	45	**E2821.1/2**

E119

DORMER

- Závitníky ruční
- Kézi Menetfúró
- Gwintowniki reczne
- Tarozi de mana
- Ручные метчики
- sveder navojni ročni



E119

G | HSS | DIN 5157 | ISO 5969 | 1.5xD | C 2 - 3

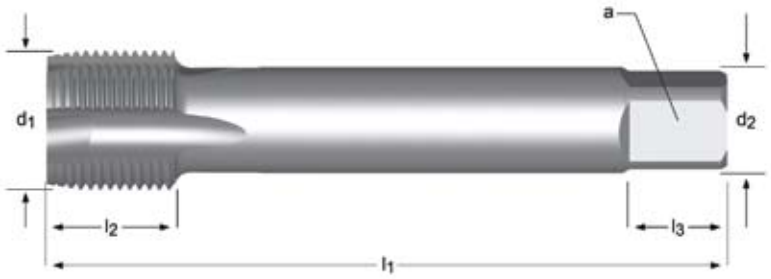
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		e-Code
1/8	28	9.73	63	15	7	5.5	3	8.8	**E1191/8NO3**
1/8	28	9.73	63	15	7	5.5	3	8.8	**E1191/8NO9**
1/4	19	13.16	70	16	11	9.0	4	11.8	**E1191/4NO3**
1/4	19	13.16	70	16	11	9.0	4	11.8	**E1191/4NO9**
3/8	19	16.66	70	16	12	9.0	4	15.25	**E1193/8NO3**
3/8	19	16.66	70	16	12	9.0	4	15.25	**E1193/8NO9**
1/2	14	20.96	80	18	16	12.0	4	19	**E1191/2NO3**
1/2	14	20.96	80	18	16	12.0	4	19	**E1191/2NO9**
5/8	14	22.91	80	22	18	14.5	4	21	**E1195/8NO3**
5/8	14	22.91	80	22	18	14.5	4	21	**E1195/8NO9**
3/4	14	26.44	90	22	20	16.0	4	24.5	**E1193/4NO3**
3/4	14	26.44	90	22	20	16.0	4	24.5	**E1193/4NO9**
7/8	14	30.20	90	22	22	18.0	6	28.25	**E1197/8NO3**
7/8	14	30.20	90	22	22	18.0	6	28.25	**E1197/8NO9**
1“	11	33.25	100	25	25	20.0	6	30.75	**E1191NO3**
1“	11	33.25	100	25	25	20.0	6	30.75	**E1191NO9**
1.1/8	11	37.90	125	40	28	22.0	6	35	**E1191.1/8NO3**
1.1/8	11	37.90	125	40	28	22.0	6	35	**E1191.1/8NO9**
1.1/4	11	41.91	125	40	32	24.0	6	39.5	**E1191.1/4NO3**
1.1/4	11	41.91	125	40	32	24.0	6	39.5	**E1191.1/4NO9**
1.1/2	11	47.80	140	40	36	29.0	6	45	**E1191.1/2NO3**
1.1/2	11	47.80	140	40	36	29.0	6	45	**E1191.1/2NO9**
1.3/4	11	53.75	140	40	40	32.0	6	51	**E1191.3/4NO3**
1.3/4	11	53.75	140	40	40	32.0	6	51	**E1191.3/4NO9**
2“	11	59.61	160	40	45	35.0	6	57	**E1192NO3**
2“	11	59.61	160	40	45	35.0	6	57	**E1192NO9**
2.1/4	11	65.71	160	40	50	39.0	6	63	**E1192.1/4NO3**
2.1/4	11	65.71	160	40	50	39.0	6	63	**E1192.1/4NO9**
2.1/2	11	75.18	160	40	50	39.0	6	72.5	**E1192.1/2NO3**
2.1/2	11	75.18	160	40	50	39.0	6	72.5	**E1192.1/2NO9**
2.3/4	11	81.53	160	40	50	39.0	8	79	**E1192.3/4NO3**
2.3/4	11	81.53	160	40	50	39.0	8	79	**E1192.3/4NO9**
3“	11	87.88	160	40	50	39.0	8	85.5	**E1193NO3**
3“	11	87.88	160	40	50	39.0	8	85.5	**E1193NO9**

NO1 | NO9 299

E284

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E284

G | HSCo | DIN 5156 | ISO 5969 | 2.5xD | B 3.5 - 5

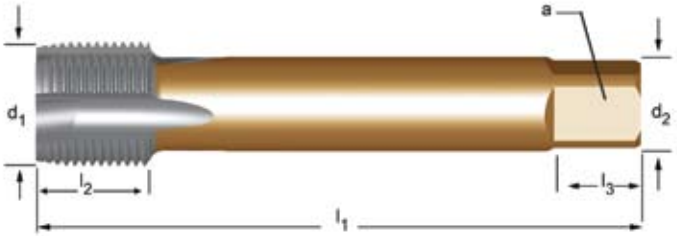
■ 1.2 1.3 1.4

● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.73	90	20	7	5.5	8	3	8.8	**E2841/8**
1/4	19	13.16	100	21	11	9.0	12	4	11.8	**E2841/4**
3/8	19	16.66	100	21	12	9.0	12	4	15.25	**E2843/8**
1/2	14	20.96	125	24	16	12.0	15	4	19	**E2841/2**
5/8	14	22.91	125	25	18	14.5	17	4	21	**E2845/8**
3/4	14	26.44	140	28	20	16.0	19	4	24.5	**E2843/4**
7/8	14	30.20	150	28	22	18.0	21	4	28.25	**E2847/8**
1	11	33.25	160	30	25	20.0	23	4	30.75	**E2841**

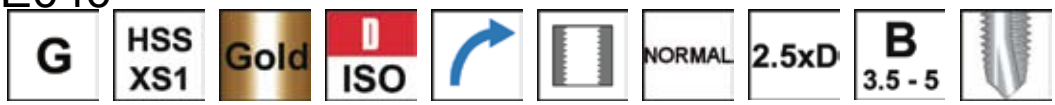
E040 / E041

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

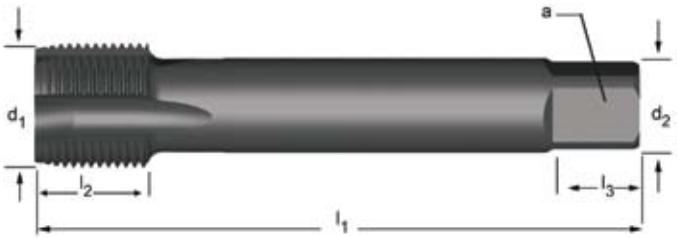
E040



■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

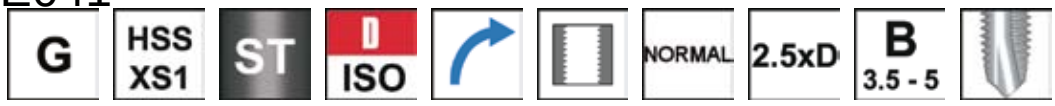
● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	90	15	8	6.3	9	3	8.80	**E0401/8**
1/4	19	13.157	100	19	10	8	11	3	11.80	**E0401/4**
3/8	19	16.662	100	21	12.5	10	13	3	15.25	**E0403/8**
1/2	14	20.955	125	26	16	12.5	16	4	19.00	**E0401/2**
3/4	14	26.441	140	28	20	16	20	4	24.50	**E0403/4**



MTT-X

E041



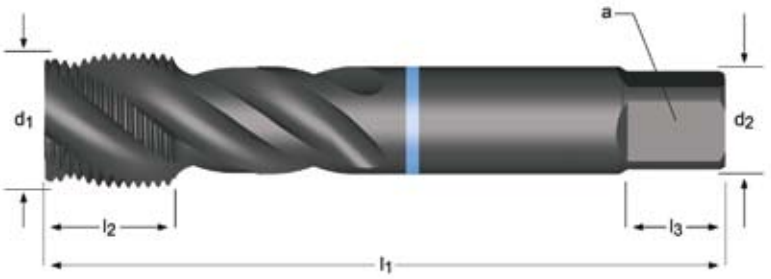
■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	90	15	8	6.3	9	3	8.80	**E0411/8**
1/4	19	13.157	100	19	10	8	11	3	11.80	**E0411/4**
3/8	19	16.662	100	21	12.5	10	13	3	15.25	**E0413/8**
1/2	14	20.955	125	26	16	12.5	16	4	19.00	**E0411/2**
3/4	14	26.441	140	28	20	16	20	4	24.50	**E0413/4**

E362

- Strojní závitníky, modrý Shark
- Gépi Menetfúró, Kék Shark
- Gwintowniki maszynowe,Niebieski Shark
- Tarozi de masina, Shark ALBASTRU
- Машинные метчики “Blue Shark” для нержавеющих сталей
- strojni navojni sveder, Blue Shark



E362

G | HSCo | ST | DIN 5156 | ISO 5969 | 2xD | C 2 - 3 | 40°

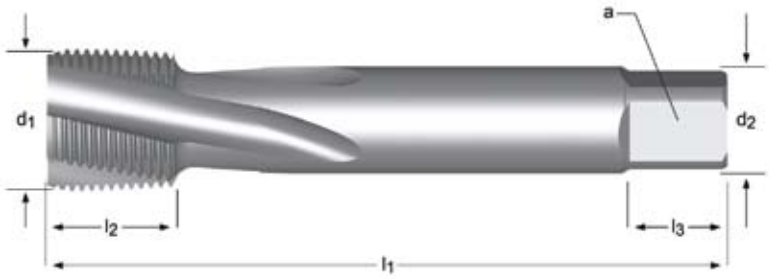
■ 2.1 2.2 2.3

● 1.5 1.6

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.73	90	12	7	5.5	8	3	8.8	**E3621/8**
1/4	19	13.16	100	15	11	9.0	12	4	11.8	**E3621/4**
3/8	19	16.66	100	15	12	9.0	12	4	15.25	**E3623/8**
1/2	14	20.96	125	24	16	12.0	15	4	19	**E3621/2**
3/4	14	26.44	140	20	20	16.0	19	4	24.5	**E3623/4**
1	11	33.25	160	24	25	20.0	23	4	30.75	**E3621**

E283

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E283

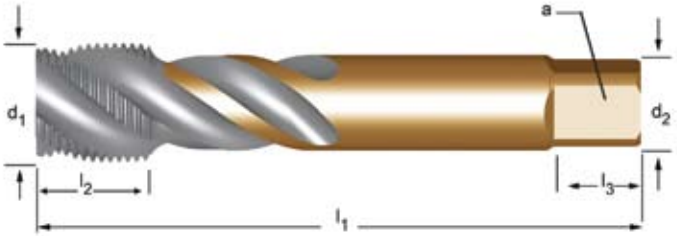
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.73	90	20	7	5.5	8	3	8.8	**E2831/8**
1/4	19	13.16	100	21	11	9.0	12	3	11.8	**E2831/4**
3/8	19	16.66	100	21	12	9.0	12	4	15.25	**E2833/8**
1/2	14	20.96	125	24	16	12.0	15	4	19	**E2831/2**
5/8	14	22.91	125	25	18	14.5	17	4	21	**E2835/8**
3/4	14	26.44	140	28	20	16.0	19	4	24.5	**E2833/4**
7/8	14	30.20	150	28	22	18.0	21	4	28.25	**E2837/8**
1	11	33.25	160	30	25	20.0	23	4	30.75	**E2831**
1.1/8	11	37.90	170	30	28	22.0	25	4	35	**E2831.1/8**
1.1/4	11	41.91	170	30	32	24.0	27	4	39.5	**E2831.1/4**
1.1/2	11	47.80	190	32	36	29.0	32	6	45	**E2831.1/2**

E042 / E043

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



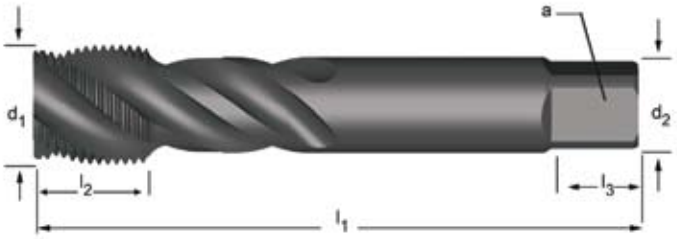
MTT-X

E042

■ 1.1 1.2 1.3 1.4 1.5 7.1 7.2 7.3 7.4

● 4.1 4.2 5.1 5.2 8.1

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	90	15	8	6.3	9	3	8.80	**E0421/8**
1/4	19	13.157	100	19	10	8	11	3	11.80	**E0421/4**
3/8	19	16.662	100	21	12.5	10	13	4	15.25	**E0423/8**
1/2	14	20.955	125	26	16	12.5	16	4	19.00	**E0421/2**
3/4	14	26.441	140	28	20	16	20	4	24.50	**E0423/4**



MTT-X

E043

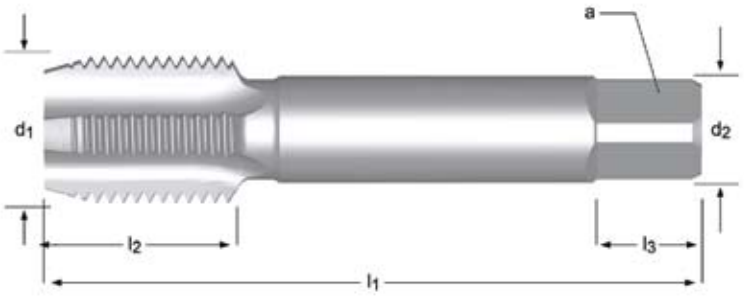
■ 1.1 1.2 1.3 1.4 1.5

● 1.6 2.1 2.2 2.3

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	90	15	8	6.3	9	3	8.80	**E0431/8**
1/4	19	13.157	100	19	10	8	11	3	11.80	**E0431/4**
3/8	19	16.662	100	21	12.5	10	13	4	15.25	**E0433/8**
1/2	14	20.955	125	26	16	12.5	16	4	19.00	**E0431/2**
3/4	14	26.441	140	28	20	16	20	4	24.50	**E0433/4**

E547

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E547

G | HSS | ISO 2284 | NORMAL | 1.5xD

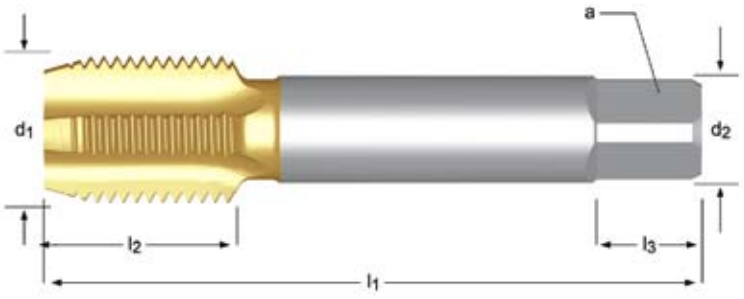
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

G(BSP)	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	59	15	8.0	8.0	9	4	8.8	**E5471/8NO1**
1/8	28	9.728	59	15	8.0	6.3	9	4	8.8	**E5471/8NO2**
1/8	28	9.728	59	15	8.0	6.3	9	4	8.8	**E5471/8NO3**
1/8	28	9.728	59	15	8.0	6.3	9	4	8.8	**E5471/8NO7**
1/4	19	13.157	67	19	10.0	8.0	11	4	11.8	**E5471/4NO1**
1/4	19	13.157	67	19	10.0	8.0	11	4	11.8	**E5471/4NO2**
1/4	19	13.157	67	19	10.0	8.0	11	4	11.8	**E5471/4NO3**
1/4	19	13.157	67	19	10.0	8.0	11	4	11.8	**E5471/4NO7**
3/8	19	16.662	75	21	12.5	10.0	13	4	15.25	**E5473/8NO1**
3/8	19	16.662	75	21	12.5	10.0	13	4	15.25	**E5473/8NO2**
3/8	19	16.662	75	21	12.5	10.0	13	4	15.25	**E5473/8NO3**
3/8	19	16.662	75	21	12.5	10.0	13	4	15.25	**E5473/8NO7**
1/2	14	20.955	87	26	16.0	12.5	16	4	19	**E5471/2NO1**
1/2	14	20.955	87	26	16.0	12.5	16	4	19	**E5471/2NO2**
1/2	14	20.955	87	26	16.0	12.5	16	4	19	**E5471/2NO3**
1/2	14	20.955	87	26	16.0	12.5	16	4	19	**E5471/2NO7**
5/8	14	22.911	91	26	18.0	14.0	18	4	21	**E5475/8NO1**
5/8	14	22.911	91	26	18.0	14.0	18	4	21	**E5475/8NO2**
5/8	14	22.911	91	26	18.0	14.0	18	4	21	**E5475/8NO3**
5/8	14	22.911	91	26	18.0	14.0	18	4	21	**E5475/8NO7**
3/4	14	26.441	96	28	20.0	16.0	20	4	24.5	**E5473/4NO1**
3/4	14	26.441	96	28	20.0	16.0	20	4	24.5	**E5473/4NO2**
3/4	14	26.441	96	28	20.0	16.0	20	4	24.5	**E5473/4NO3**
3/4	14	26.441	96	28	20.0	16.0	20	4	24.5	**E5473/4NO7**
7/8	14	30.201	102	29	22.4	18.0	22	4	28.25	**E5477/8NO1**
7/8	14	30.201	102	29	22.4	18.0	22	4	28.25	**E5477/8NO2**
7/8	14	30.201	102	29	22.4	18.0	22	4	28.25	**E5477/8NO3**
1“	11	33.249	109	33	25.0	20.0	24	4	30.75	**E5471NO1**
1“	11	33.249	109	33	25.0	20.0	24	4	30.75	**E5471NO2**
1“	11	33.249	109	33	25.0	20.0	24	4	30.75	**E5471NO3**
1.1/4	11	41.910	119	36	31.5	25.0	28	6	39.5	**E5471.1/4NO1**
1.1/4	11	41.910	119	36	31.5	25.0	28	6	39.5	**E5471.1/4NO2**
1.1/4	11	41.910	119	36	31.5	25.0	28	6	39.5	**E5471.1/4NO3**
1.1/2	11	47.803	125	37	35.5	28.0	31	6	45	**E5471.1/2NO1**
1.1/2	11	47.803	125	37	35.5	28.0	31	6	45	**E5471.1/2NO2**
1.1/2	11	47.803	125	37	35.5	28.0	31	6	45	**E5471.1/2NO3**
2“	11	59.614	140	41	40.0	31.5	34	6	57	**E5472NO1**
2“	11	59.614	140	41	40.0	31.5	34	6	57	**E5472NO2**
2“	11	59.614	140	41	40.0	31.5	34	6	57	**E5472NO3**

NO1 | NO3 299

E562

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E562

G | HSS | TiN | ISO 2284 | NORMAL | 1.5xD

■ 3.1 3.2 3.3

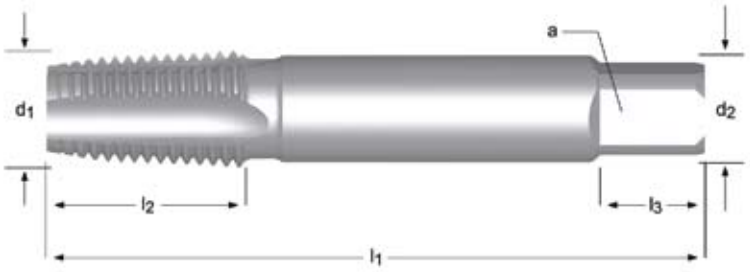
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

G(BSP)	TPI	d_1 nom Inch	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	59	15	8.0	6.3	9	4	8.8	**E5621/8NO3**
1/4	19	13.157	67	19	10.0	8.0	11	4	11.8	**E5621/4NO3**
3/8	19	16.662	75	21	12.5	10.0	13	4	15.25	**E5623/8NO3**
1/2	14	20.955	87	26	16.0	12.5	16	4	19	**E5621/2NO3**
3/4	14	26.441	96	28	20.0	16.0	20	4	24.5	**E5623/4NO3**
1“	11	33.249	109	33	25.0	20.0	24	4	30.75	**E5621NO3**

NO1 – NO9 299

E550

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E550

Rc | HSS | ISO 2284 | NORMAL | 1.5xD | C 2 - 3

■ 3.1 3.2 3.3 3.4 6.1

● 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

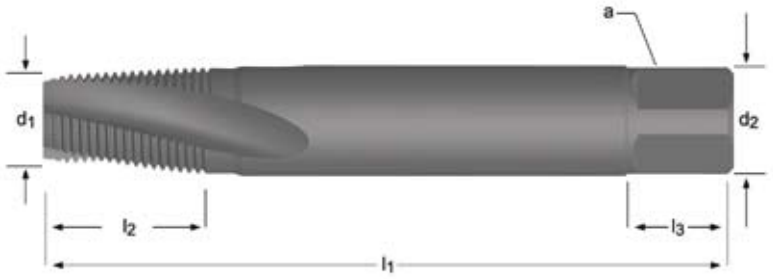
Rc	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
1/8	28	9.728	59	15	8.0	6.3	9	3	8.4	**E5501/8**
1/8	28	9.728	59	15	8.0	6.3	9	3	8.4	**E5501/8NO7**
1/4	19	13.157	67	19	10.0	8.0	11	3	11.2	**E5501/4**
1/4	19	13.157	67	19	10.0	8.0	11	3	11.2	**E5501/4NO7**
3/8	19	16.662	75	21	12.5	10.0	13	3	14.75	**E5503/8**
3/8	19	16.662	75	21	12.5	10.0	13	3	14.75	**E5503/8NO7**
1/2	14	20.955	87	26	16.0	12.5	16	5	18.25	**E5501/2**
1/2	14	20.955	87	26	16.0	12.5	16	5	18.25	**E5501/2NO7**
3/4	14	26.441	96	28	20.0	16.0	20	5	23.75	**E5503/4**
3/4	14	26.441	96	28	20.0	16.0	20	5	23.75	**E5503/4NO7**
1	11	33.249	109	33	25.0	20.0	24	5	30	**E5501**
1.1/4	11	41.910	119	36	31.5	25.0	28	5	38.5	**E5501.1/4**
1.1/2	11	47.803	125	37	35.5	28.0	31	7	44.5	**E5501.1/2**
2“	11	59.614	140	41	40.0	31.5	34	7	56	**E5502**

NO1 | NO8 299

E735 / E736

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder

NEW
2008.09



E735

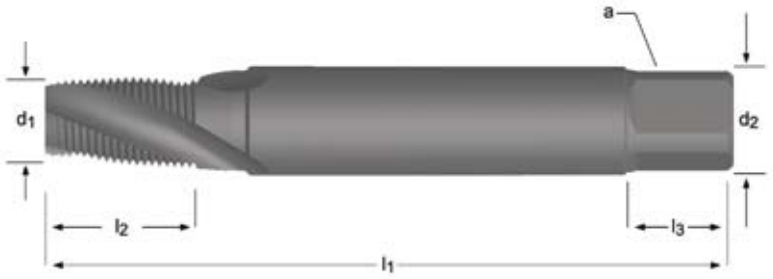
NPT | HSCo | ST | DIN ANSI | 1.5xD | C 2 - 3 | 15°

■ 1.4 1.5 1.6 2.4 3.1 3.2 4.2 4.3 5.2 5.3 6.2 6.4

● 6.3 7.3 7.4

NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	□ a mm	l_3 mm	z	↔	↔	e-Code
1/16	27	7.72	80	14	7.9	5.9	9	3	6.3	D	**E7351/16**
1/8	27	10.06	90	14	11.1	8.3	9	4	8.5	R	**E7351/8**
1/4	18	13.36	100	20	14.3	10.7	11	4	11	7/16	**E7351/4**
3/8	18	16.81	110	20	17.8	13.5	13	5	14.5	37/64	**E7353/8**
1/2	14	20.96	125	26	17.5	13.1	16	5	18	23/32	**E7351/2**
3/4	14	26.29	140	26	23.0	17.2	18	5	23	59/64	**E7353/4**
1“	11.5	32.92	150	31	28.6	21.4	21	5	29	1.5/32	**E7351**

NEW
2008.09



E736

NPT | HSCo | ST | DIN ANSI | 1.5xD | C 2 - 3 | 30°

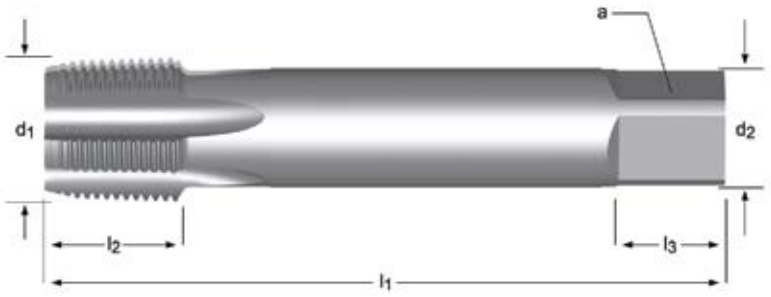
■ 1.2 1.4 2.1 2.2 2.3 4.1 5.1 6.1

● 1.1 1.3 3.3 3.4 7.1 7.2 7.3

NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	□ a mm	l_3 mm	z	↔	↔	e-Code
1/16	27	7.72	80	14	7.9	5.9	9	3	6.3	D	**E7361/16**
1/8	27	10.06	90	14	11.1	8.3	9	4	8.5	R	**E7361/8**
1/4	18	13.36	100	20	14.3	10.7	11	4	11	7/16	**E7361/4**
3/8	18	16.81	110	20	17.8	13.5	13	5	14.5	37/64	**E7363/8**
1/2	14	20.96	125	26	17.5	13.1	16	5	18	23/32	**E7361/2**
3/4	14	26.29	140	26	23.0	17.2	18	5	23	59/64	**E7363/4**
1“	11.5	32.92	150	31	28.6	21.4	21	5	29	1.5/32	**E7361**

E714

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E714

NPT | HSCo | ANSI | ANSI B1.20.1 | 1.5xD | C 2 - 3

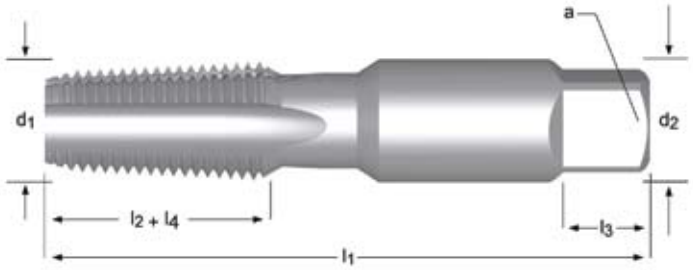
■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	27	10.23	90	14	11.0	9.0	12	3	8.5	**E7141/8**
1/4	18	13.60	100	20	14.0	11.0	14	3	11	**E7141/4**
3/8	18	17.04	110	20	16.0	12.0	15	4	14.5	**E7143/8**
1/2	14	21.20	125	26	18.0	14.5	17	4	18	**E7141/2**
3/4	14	26.54	140	26	22.0	18.0	21	5	23	**E7143/4**
1“	11.5	33.20	150	31	28.0	22.0	25	5	29	**E7141**

E710 / E721

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



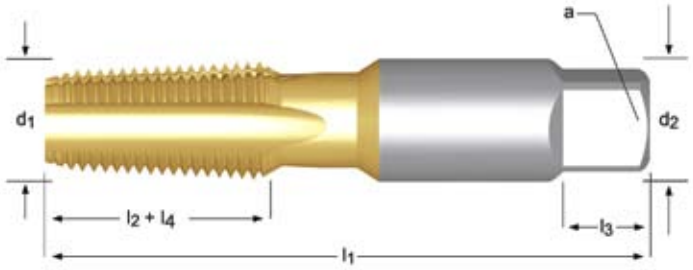
E710

NPT | HSS | ~ANSI B94.9 | NORMAL | 1.5xD | C 2 - 3

● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/16	27	7.94	65	17	8.1	6.0	8	6.3	4	E7101/16NO3
1/8	27	10.29	70	19	11.1	8.3	10	8.5	4	E7101/8
1/8	27	10.29	70	19	11.1	8.3	10	8.5	4	E7101/8NO7
1/4	18	13.72	75	27	14.3	10.7	11	11	4	E7101/4
1/4	18	13.72	75	27	14.3	10.7	11	11	4	E7101/4NO7
3/8	18	17.15	80	27	17.8	13.5	13	14.5	4	E7103/8
3/8	18	17.15	80	27	17.8	13.5	13	14.5	4	E7103/8NO7
1/2	14	21.34	100	35	17.5	13.1	16	18	4	E7101/2
1/2	14	21.34	100	35	17.5	13.1	16	18	4	E7101/2NO7
3/4	14	26.67	105	35	23.0	17.2	17	23	5	E7103/4
3/4	14	26.67	105	35	23.0	17.2	17	23	5	E7103/4NO7
1“	11.5	33.40	115	43	28.6	21.4	21	29	5	E7101
1.1/4	11.5	42.16	125	43	33.3	25.0	24	38	5	E7101.1/4
1.1/2	11.5	48.26	135	43	38.1	28.6	25	44	7	E7101.1/2
2“	11.5	60.33	145	43	47.6	35.7	29	56	7	E7102

NO1 | NO3 299



E721

NPT | HSS | TiN | ~ANSI B94.9 | NORMAL | 1.5xD | C 2 - 3

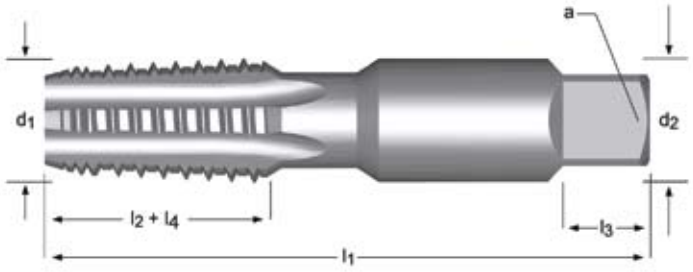
■ 1.3 1.4 3.1 3.2 3.3 3.4

● 1.1 1.2 1.5 6.2 7.3 7.4 8.1

NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.5	4	E7211/8
1/4	18	13.72	75	27	14.3	10.7	11	11	4	E7211/4
3/8	18	17.15	80	27	17.8	13.5	13	14.5	4	E7213/8
1/2	14	21.34	100	35	17.5	13.1	16	18	4	E7211/2
3/4	14	26.67	105	35	23.0	17.2	17	23	5	E7213/4
1	11.5	33.40	115	43	28.6	21.4	21	29	5	E7211

E711

- Strojní závitníky
- Tarozi de masina, dantura intrerupta
- Fogkihagyásos Gépi Menetfúró
- Машинные метчики, для прерывистых резьб
- Gwintowniki maszynowe z przerywanym nakrojem
- prekinjen navoj



E711

NPT | HSS | ~ANSI B94.9 | NORMAL | 1.5xD | C 2 - 3

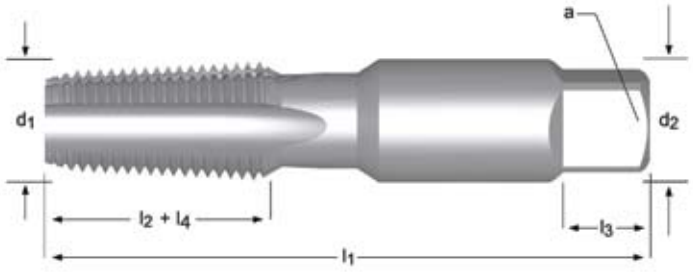
■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

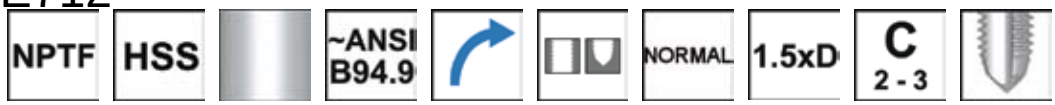
NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.5	5	**E7111/8**
1/4	18	13.72	75	27	14.3	10.7	11	11	5	**E7111/4**
3/8	18	17.15	80	27	17.8	13.5	13	14.5	5	**E7113/8**
1/2	14	21.33	100	35	17.5	13.1	16	18	5	**E7111/2**
3/4	14	26.67	105	35	23.0	17.2	17	23	5	**E7113/4**
1	11.5	33.40	115	43	28.6	21.4	21	29	5	**E7111**
1.1/2	11.5	48.26	135	43	38.1	28.6	25	44	7	**E7111.1/2**

E712

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E712



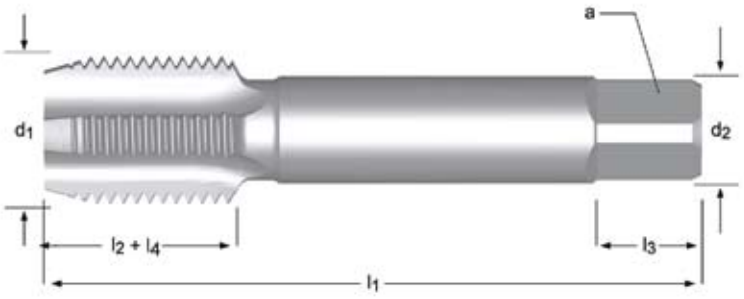
■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

NPTF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/16	27	7.94	65	17	8.1	6.0	8	6.2	4	**E7121/16**
1/8	27	10.29	70	19	11.1	8.3	10	8.4	4	**E7121/8**
1/4	18	13.72	75	27	14.3	10.7	11	10.9	4	**E7121/4**
3/8	18	17.15	80	27	17.8	13.5	13	14.25	4	**E7123/8**
1/2	14	21.34	100	35	17.5	13.1	16	17.75	4	**E7121/2**
3/4	14	26.67	105	35	23.0	17.2	17	23	5	**E7123/4**
1	11.5	33.40	115	43	28.6	21.4	21	29	5	**E7121**
1.1/4	11.5	42.16	125	43	33.4	24.9	23	37.75	5	**E7121.1/4**

E709 / E720

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E709

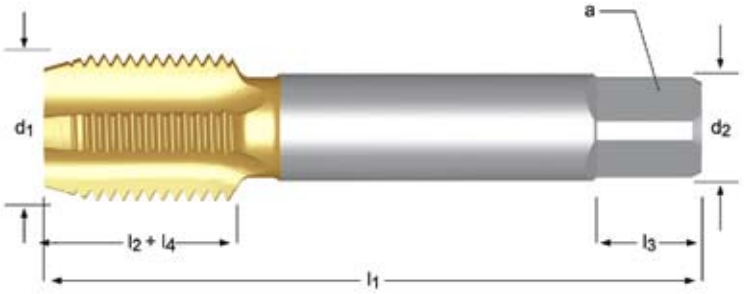
NPSF | HSS | ~ANSI B94.9 | NORMAL | 1.5xD

■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

NPSF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.7	19	4	**E7091/8**
1/8	27	10.29	70	19	11.1	8.3	10	8.7	19	4	**E7091/8NO2**
1/4	18	13.72	75	27	14.3	10.7	11	11.3	27	4	**E7091/4**
1/4	18	13.72	75	27	14.3	10.7	11	11.3	27	4	**E7091/4NO2**
3/8	18	17.15	80	27	17.8	13.5	13	14.75	27	4	**E7093/8**
3/8	18	17.15	80	27	17.8	13.5	13	14.75	27	4	**E7093/8NO2**
1/2	14	21.34	100	35	17.5	13.1	16	18.25		4	**E7091/2**
1/2	14	21.34	100	35	17.5	13.1	16	18.25		4	**E7091/2NO2**
3/4	14	26.67	105	35	23.0	17.2	17	23.5		5	**E7093/4**

NO1 | NO8 299



E720

NPSF | HSS | TiN | ~ANSI B94.9 | NORMAL | 1.5xD | C 2 - 3

■ 1.3 1.4 3.1 3.2 3.3 3.4

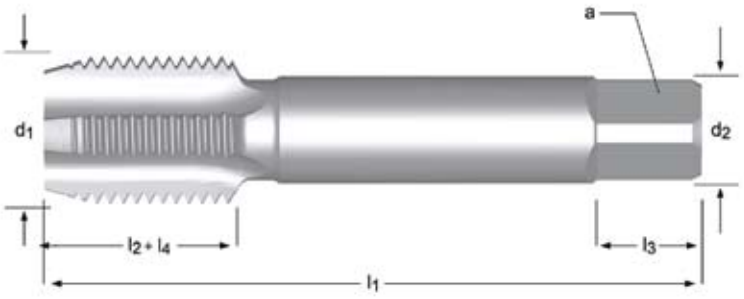
● 1.1 1.2 1.5 6.2 7.3 7.4 8.1

NPSF	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.7	19	4	**E7201/8NO3**
1/4	18	13.72	75	27	14.3	10.7	11	11.3	27	4	**E7201/4NO3**
3/8	18	17.15	80	27	17.8	13.5	13	14.75	27	4	**E7203/8NO3**
1/2	14	21.34	100	35	17.5	13.1	16	18.25		4	**E7201/2NO3**
3/4	14	26.67	105	35	23.0	17.2	17	23.5		5	**E7203/4NO3**

NO1 | NO8 299

E708

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E708

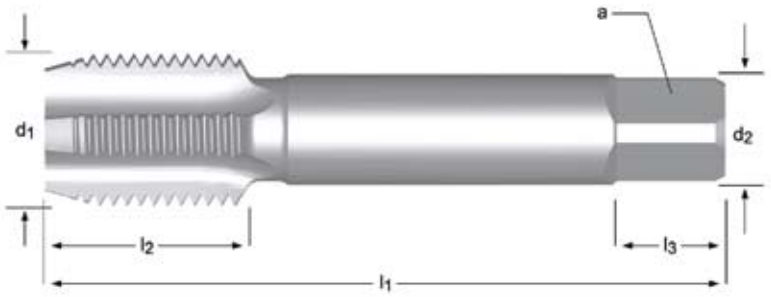
■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

NPSM	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	9.1	19	4	**E7081/8**
1/4	18	13.72	75	27	14.3	10.7	11	12	27	4	**E7081/4**
3/8	18	17.15	80	27	17.8	13.5	13	15.5	27	4	**E7083/8**
1/2	14	21.33	100	35	17.5	13.1	16	19		4	**E7081/2**
3/4	14	26.67	105	35	23.0	17.2	17	24.5		5	**E7083/4**
1	11.5	33.40	115	43	28.6	21.4	21	30.5		5	**E7081**

E243

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E243

PG | HSS | DIN 40432 | NORMAL | 1.5xD

● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

PG	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
7	20	12.5	70	22	9	7	10	4	11.4	**E243PG7NO2**
7	20	12.5	70	22	9	7	10	4	11.4	**E243PG7NO3**
9	18	15.2	70	22	12	9	12	4	13.9	**E243PG9NO2**
9	18	15.2	70	22	12	9	12	4	13.9	**E243PG9NO3**
11	18	18.6	80	22	14	11	14	4	17.25	**E243PG11NO2**
11	18	18.6	80	22	14	11	14	4	17.25	**E243PG11NO3**
13.5	18	20.4	80	22	16	12	15	4	19	**E243PG13.5NO2**
13.5	18	20.4	80	22	16	12	15	4	19	**E243PG13.5NO3**
16	18	22.5	80	22	18	14.5	17	4	21.25	**E243PG16NO2**
16	18	22.5	80	22	18	14.5	17	4	21.25	**E243PG16NO3**
21	16	28.3	90	22	22	18	21	4	27	**E243PG21NO2**
21	16	28.3	90	22	22	18	21	4	27	**E243PG21NO3**
29	16	37.0	100	25	28	22	25	6	35.5	**E243PG29NO2**
29	16	37.0	100	25	28	22	25	6	35.5	**E243PG29NO3**
36	16	47.0	140	32	36	29	32	6	45.5	**E243PG36NO2**
36	16	47.0	140	32	36	29	32	6	45.5	**E243PG36NO3**

NO1 | NO2 299

H

485 - 564

	H700	H701	H702	H703	H705	H706
						
	DIN 69871	MAS BT	DIN 69871	MAS BT	HSK A/C	HSK A/C
	-	-	-	-	-	-
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09
	498	**499**	**500**	**501**	**502**	**503**
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9.1						
10.1						

	H708	H709	H704	H740	H741	H607	H602
							
	DORMER CAPTO	DORMER CAPTO				DIN 69871A	MAS BT
	-	-	-	-	-	-	-
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09
	504	505	506	507	508	509	510
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	H606	H604	H605	H608	H062	H162	H262
							
	HSK A/C	DIN 69871	MAS BT	HSK A/C	DIN 6327	DIN 6327	
	-	-	-	-	-	-	-
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09			
	511	512	513	514	515	516	517
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	H068	H568	H168	H502	H503	H500	H501
							
	DIN 228 B			DIN 1835 B + E	DIN 1835 B + E	HSK A/C	HSK A/C
				MICRO	MICRO	MICRO	MICRO
					80 Bar		80 Bar
	-	-	-	-	-	-	-
				NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09
	519	520	520	521	522	523	524
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	H504	H505	H540	H541	H021	H020	H026
							
	DORMER CAPTO	DORMER CAPTO	DIN 6499B		DIN 228 B	DIN 6327	DIN 2080
	MICRO	MICRO					
		80 Bar		150 Bar			
	-	-	-	-	-	-	-
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09			
	525	**526**	**527**	**528**	**529**	**529**	**530**
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	H027	H127	H028	H128	H022
					
					
	DIN 69871A	DIN 69871 AD	MAS BT	MAS BT	DIN 6327
					
		50 Bar		50 Bar	
					
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	531	532	533	534	535
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	H024	H023	H042	H037	H135	H035
						
	DIN 69680 VDI	DIN 1835A	DIN 1835 B + E	DIN 69893	DIN 228 B	DIN 6327
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	H635	H735	H235	H130	H030	H230	H225
							
	DIN 69871	MAS BT	DIN 238	DIN 228 B	DIN 6327	DIN 238	DIN 228 B
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	H125	H426	H525	H425	H060	H115	H362	H462	H050
									
									
	DIN 6327	DIN 6327	DIN 228 B	DIN 6327	DIN 238				
									
									
									
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	H250	H650	H150	H350	H750	H850
						
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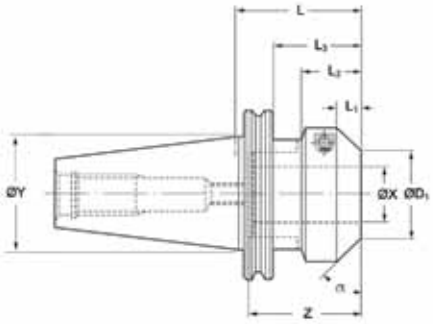
	H500	H501	H502	H503	H504	H505	H541	H604	H605
Kleština H450 prodávaná samostatně	✓	✓	✓	✓	✓	✓			
Těsnící kroužek H541 prodávaný samostaně		✓		✓		✓			
Stopka dle ISO 9766								✓	✓
Chlazení středové a přírubou								✓	✓
Kroužky v rozmezí 0.5 mm							✓		
H540-es patron külön rendelhető	✓	✓	✓	✓	✓	✓			
H541-es tömítőgyűrű külön rendelhető		✓		✓		✓			
ISO 9766 szerinti szár								✓	✓
Központon és peremen átmenő hűtőcsatorna								✓	✓
0,5mm-es kapacitás a gyűrűhöz							✓		
Tulejka zaciskowa H540 do nabycia osobno	✓	✓	✓	✓	✓	✓			
Pierścień uszczelniający H541 sprzedawany osobno		✓		✓		✓			
Chwyt zgodnie z ISO 9766								✓	✓
Chłodziwo podawane centralnie i przez kołnierz								✓	✓
0.5mm pojemność dla pierścienia							✓		
Bucsile H540 se vand separat	✓	✓	✓	✓	✓	✓			
Discul de etansare H541 se vinde separat		✓		✓		✓			
Coada conf. ISO 9766								✓	✓
Fluid de racire prin centru si flansa								✓	✓
0.5 mm capacitate pt disc							✓		
Цанга H540, поставляется отдельно	✓	✓	✓	✓	✓	✓			
Уплотнительное кольцо H541, поставляется отдельно		✓		✓		✓			
Хвостовик согласно ISO 9766								✓	✓
Подача СОЖ через центр и со стороны								✓	✓
Изменение размера 0.5 мм уплотнительного кольца							✓		
Puša H450 dodatno doplačilo	✓	✓	✓	✓	✓	✓			
Prstan H541 dodatno doplačilo		✓		✓		✓			
Držalo v skladu z ISO 9766								✓	✓
Hlajenje skozi center in prirobnico								✓	✓
0,5mm zračnost za prstan							✓		

	H608	H700	H701	H702	H703	H704	H705	H706	H708	H709
Kleštiny H740-H741 prodávané samostatně		✓	✓	✓	✓	✓	✓	✓	✓	✓
Individuálně vyvážené		✓	✓	✓	✓		✓	✓	✓	✓
Středové vnitřní chlazení	✓									
H742569104 trubička pro chlazení prodávaná samostatně	✓						✓	✓		
Díra pro unašeč není standard	✓						✓	✓		
Stopka dle ISO 9766	✓									
ØX 6mm vhodný pouze pro válcové stopky					✓			✓		✓
H740-H741-es patronok külön rendelhetők		✓	✓	✓	✓	✓	✓	✓	✓	✓
Egyéni kiegyenlítés		✓	✓	✓	✓		✓	✓	✓	✓
Központon átmenő hűtőcsatorna	✓									
H742569104 típusú hűtőcsatorna külön rendelhető	✓						✓	✓		
Az adatátviteli furat nem alaptartozék	✓						✓	✓		
ISO 9766 szerinti szár	✓									
ØX 6mm csak hengeres szár illeszkedik					✓			✓		✓
Tulejki zaciskowe H740-H741 sprzedawane osobno		✓	✓	✓	✓	✓	✓	✓	✓	✓
Indywidualnie Wyważane		✓	✓	✓	✓		✓	✓	✓	✓
Chłodzenie centralnie	✓									
Przewód do chłodziwa H742569104 sprzedawany osobno	✓						✓	✓		
Otwór nośnika danych nie jest w standarcie	✓						✓	✓		
Chwyt zgodnie z ISO 9766	✓									
ØX 6mm odpowiedni tylko dla chwytu cylindrycznego					✓			✓		✓
Bucsile H740-H741 se vand separat		✓	✓	✓	✓	✓	✓	✓	✓	✓
Echilibrate individual		✓	✓	✓	✓		✓	✓	✓	✓
Fluid de racire prin centru	✓									
Tub fluid de racire H742569104 se vinde separat	✓						✓	✓		
Gaura pt purtator de date nu este standard	✓						✓	✓		
Coada conf. ISO 9766	✓									
ØX 6mm - se potrivesc doar cozi cilindrice					✓			✓		✓
Цанги H740-H741, поставляются отдельно		✓	✓	✓	✓	✓	✓	✓	✓	✓
Индивидуальная балансировка		✓	✓	✓	✓		✓	✓	✓	✓
Подача СОЖ через центр	✓									
Трубка для полдачи СОЖ H742569104, поставляется отдельно	✓						✓	✓		
Не стандартное отверстие под датчик	✓						✓	✓		
Хвостовик согласно ISO 9766	✓									
ØX 6 мм посадки, только для цилиндрических хвостовиков					✓			✓		✓
Puše H740-H741 dodatno doplačilo		✓	✓	✓	✓	✓	✓	✓	✓	✓
Balansirano posamezno		✓	✓	✓	✓		✓	✓	✓	✓
Hlajenje skozi center	✓									
Hladilna cev H742569104 dodatno doplačilo	✓						✓	✓		
Izvrtina ni standardna	✓						✓	✓		
Držalo v skladu z ISO 9766	✓									
ØX 6mm samo za cilindrično držalo					✓			✓		✓

H700

- HydroGrip vysoce přesný držák
- HydroGrip Nagypontosságú tokmány
- Precyzyjny Uchwyt mocujący HydroGrip
- Portscula de mare precizie tip HydroGrip
- HydroGrip Высокоточный патрон
- Visokoprecizna glava HydroGrip



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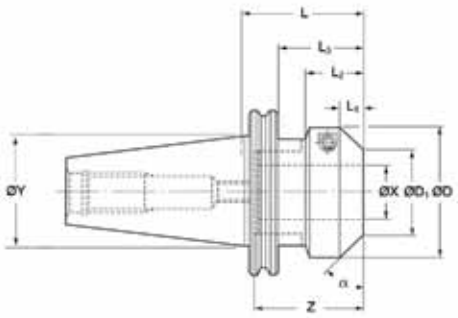
H700

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD1	L	L1	L2	L3	Z	N max	α	tool code	e-Code
ISO 40	12	19.8	56	20.5		36.9	40	25000	60°	392.272CG-40 12 056	**H700392300**
ISO 40	20	27.3	60	4.5		40.9	52	25000	70°	392.272CG-40 20 060A	**H700392301**
ISO 40	20	28.3	125	32.5		105.9	52	15000	70°	392.272CG-40 20 125	**H700392302**
ISO 40	25	37.6	64	7.5	19.3	44.9	56	25000	35°	392.272CG-40 25 064	**H700392303**
ISO 50	20	29.2	60	24.5		40.9	52	14000	65°	392.272CG-50 20 060	**H700392304**
ISO 50	25	38.3	64	28.5		44.9	56	14000	70°	392.272CG-50 25 064	**H700392305**
ISO 50	25	39.4	150	36.5		130.9	56	10000	75°	392.272CG-50 25 150	**H700392306**
ISO 50	32	46.6	68	31.5		48.9	60	14000	70°	392.272CG-50 32 068A	**H700392307**

H701

- HydroGrip vysoce přesný držák
- HydroGrip Nagypontosságú tokmány
- Precyzyjny Uchwyt mocujący HydroGrip
- Portscula de mare precizie tip HydroGrip
- HydroGrip Высокоточный патрон
- Visokoprecizna glava HydroGrip



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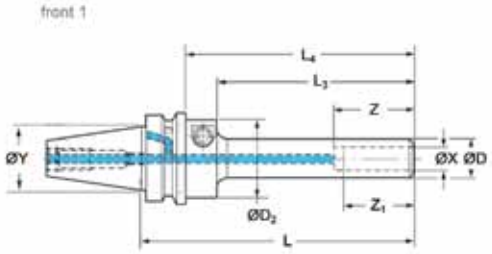
H701

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD	ØD1	L	L1	L3	Z	N max	α	tool code	e-Code
ISO 40	12	43.5	19.3	52	8.5	25	40	25000	35°	392.55CG-40 12 052	**H701392308**
ISO 40	20	52	26	56	13	29	52	25000	45°	392.55CG-40 20 056A	**H701392309**
ISO 40	20	52	28.3	125	32.5	98	52	15000	70°	392.55CG-40 20 125	**H701392310**
ISO 40	25	59	39.4	60	17	33	56	25000	60°	392.55CG-40 25 060	**H701392311**

H702

- HydroGrip vysoce přesný držák - tužkové provedení
- Portscula de mare precizie tip HydroGrip-Creion
- HydroGrip Nagypontosságú tokmány - PencilType
- HydroGrip Высокоточный патрон карандашного типа
- Precyzyjny Uchwyt mocujący HydroGrip - Palcowy
- Visokoprecizna glava HydroGrip



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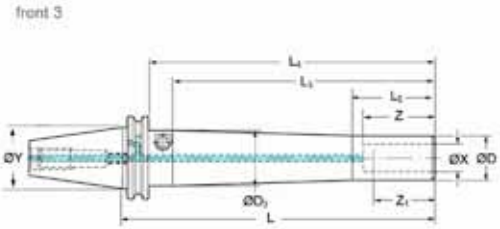
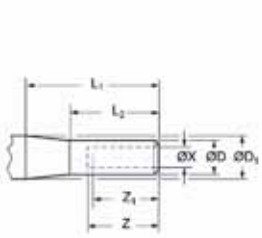
H702

L = programovatelná délka, Z1 = min. délka upnutí / L = programozási hossz. Z1= Min. befogási hossz / L=długość nastawna. Z1=Min.długość mocowania / L = lungime de programare. Z1 = lungimea minima de strangere / L = программируемая длина, Z1= Минимальная зажимная длина / L=dolžina, Z1=minimalna vpenjalna dolžina

front	ØY	ØX	ØD	ØD1	ØD2	L	L1	L2	L3	L4	L5	Z	Z1	N max	tool code	e-Code
1	ISO 40	12	19.5		40	85			50	65.9		40	37	25000	392.272CGB-40 12 085	**H702392312**
1	ISO 40	12	19.5		40	135			100	115.9		40	37	15000	392.272CGB-40 12 135	**H702392313**
2	ISO 40	12	19.5	24.5	40	185	75	50	150	165.9		40	37	10000	392.272CGB-40 12 185	**H702392314**
3	ISO 40	20	32		40	145			110	125.9	60	52	49	15000	392.272CGB-40 20 145	**H702392315**
3	ISO 40	20	32		40	225			190	205.9	60	52	49	10000	392.272CGB-40 20 225	**H702392316**



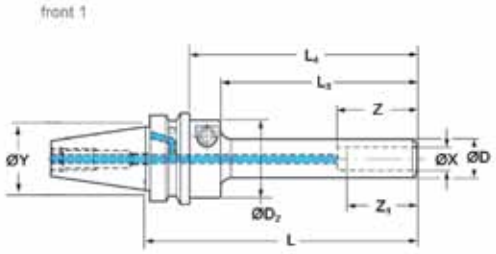


	e-code	A	B
H702	H702392312	H745568107 (5.0)	H746321100
H702	H702392313	H745568107 (5.0)	H746321100
H702	H702392314	H745568107 (5.0)	H746321100
H702	H702392315	H745568107 (5.0)	H746321101
H702	H702392316	H745568107 (5.0)	H746321101

A = upínací klíč, B = tlakový šroubek / A = szorítókulcs. B=szorítócsavar / A=klucz do mocowania B=wkręt ciśnieniowy / A = cheie strangere. B = surub de presiune / A = Ключ, B= Винт / A=vpenjalni ključ, B=vijak

H703

- HydroGrip vysoce přesný držák - tužkové provedení
- Portscula de mare precizie tip HydroGrip-Creion
- HydroGrip Nagypontosságú tokmány - PencilType
- HydroGrip Высокоточный патрон карандашного типа
- Precyzyjny Uchwyt mocujący HydroGrip - Palcowy
- Visokoprecizna glava HydroGrip



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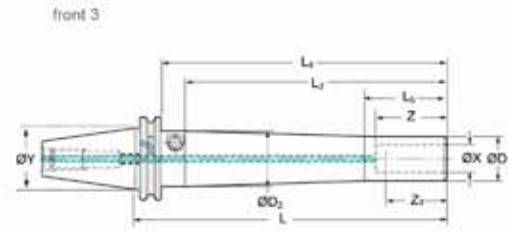
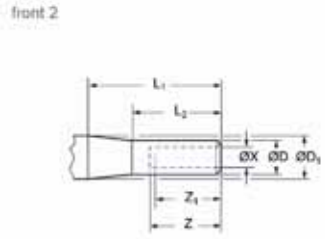
H703

L = programovatelná délka, Z1 = min. délka upnutí / L = programozási hossz. Z1= Min. befogási hossz / L=długość nastawna. Z1=Min.długość mocowania / L = lungime de programare. Z1 = lungimea minima de strangere / L = программируемая длина, Z1= Минимальная зажимная длина / L=dolžina, Z1=minimalna vpenjalna dolžina

front	ØY	ØX	ØD	ØD1	ØD2	L	L1	L2	L3	L4	L5	Z	Z1	N max	tool code	e-Code
1	ISO 30	6	12		40	88			50	66		40	37	25000	392.55CGB-30 06 088	**H703392317**
1	ISO 30	12	19.5		40	88			50	66		40	37	25000	392.55CGB-30 12 088	**H703392318**
1	ISO 30	12	19.5		40	138			100	116		40	37	15000	392.55CGB-30 12 138	**H703392319**
2	ISO 30	12	19.5	24.5	40	188	75	50	150	166		40	37	10000	392.55CGB-30 12 188	**H703392320**
1	ISO 40	12	19.5		40	93			50	66		40	37	25000	392.55CGB-40 12 093	**H703392321**
1	ISO 40	12	19.5		40	143			100	116		40	37	15000	392.55CGB-40 12 143	**H703392322**
2	ISO 40	12	19.5	24.5	40	193	75	50	150	166		40	37	10000	392.55CGB-40 12 193	**H703392323**
3	ISO 40	20	32		40	153			110	126	60	52	49	15000	392.55CGB-40 20 153	**H703392324**
3	ISO 40	20	32		40	233			190	206	60	52	49	10000	392.55CGB-40 20 233	**H703392325**



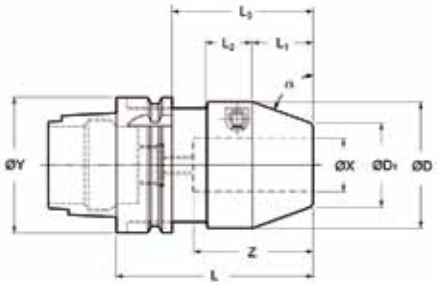


	e-code	A	B
H703	H703392317	H745568107 (5.0)	H746321100
H703	H703392318	H745568107 (5.0)	H746321100
H703	H703392319	H745568107 (5.0)	H746321100
H703	H703392320	H745568107 (5.0)	H746321100
H703	H703392321	H745568107 (5.0)	H746321100
H703	H703392322	H745568107 (5.0)	H746321100
H703	H703392323	H745568107 (5.0)	H746321100
H703	H703392324	H745568107 (5.0)	H746321101
H703	H703392325	H745568107 (5.0)	H746321101

A = upínací klíč, B = tlakový šroubek / A = szorítókulcs. B=szorítócsavar / A=klucz do mocowania B=wkręt ciśnieniowy / A = cheie strangere. B = surub de presiune / A = Ключ, B= Винт / A=vpenjalni ključ, B=vijak

H705

- HydroGrip vysoce přesný držák
- HydroGrip Nagypontosságú tokmány
- Precyzyjny Uchwyt mocujący HydroGrip
- Portscula de mare precizie tip HydroGrip
- HydroGrip Высокоточный патрон
- Visokoprecizna glava HydroGrip



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H705

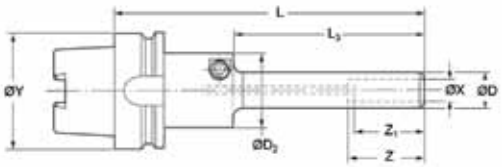
L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD	ØD1	L	L1	L2	L3	Z	N max	α	tool code	e-Code
HSK-63	12	43.5	19.8	76	20.5		50	40	25000	60°	392.410CGA-63 12 076B	**H705392326**
HSK-63	20	52	28.3	88	32.5		62	52	25000	70°	392.410CGA-63 20 088B	**H705392327**
HSK-63	20	52	28.3	150	32.5		124	52	15000	70°	392.410CGA-63 20 150	**H705392328**
HSK-63	25	59	38.3	92	28.5		66	56	25000	70°	392.410CGA-63 25 092	**H705392329**
HSK-63	32	69.5	46.5	99	31.5	20.3	70	60	25000	70°	392.410CGA-63 32 096B	**H705392330**

H706

- HydroGrip vysoce přesný držák - tužkové provedení
- Portscula de mare precizie tip HydroGrip-Creion
- HydroGrip Nagypontosságú tokmány - PencilType
- HydroGrip Высокоточный патрон карандашного типа
- Precyzyjny Uchwyt mocujący HydroGrip - Palcowy
- Visokoprecizna glava HydroGrip

front 1



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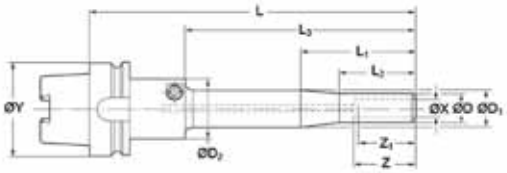
H706

L = programovatelná délka, Z1 = min. délka upnutí / L = programozási hossz. Z1= Min. befogási hossz / L=długość nastawna. Z1=Min.długość mocowania / L = lungime de programare. Z1 = lungimea minima de strangere / L = программируемая длина, Z1= Минимальная зажимная длина / L=dolžina, Z1=minimalna vpenjalna dolžina

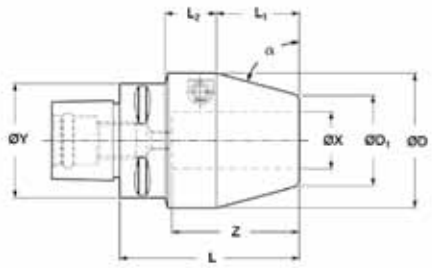
front	ØY	ØX	ØD	ØD1	ØD2	L	L1	L2	L3	Z	Z1	N max	tool code	e-Code
1	HSK-63	6	12		40	94.5			50	40	37	25000	392.410CGB-63 06 095	**H706392331**
1	HSK-63	12	19.5		40	112			50	40	37	25000	392.410CGB-63 12 112B	**H706392332**
1	HSK-63	12	19.5		40	162			100	40	37	15000	392.410CGB-63 12 162B	**H706392333**
2	HSK-63	12	19.5	24.5	40	212	75	50	150	40	37	10000	392.410CGB-63 12 212B	**H706392334**

front 2



H708

- HydroGrip vysoce přesný držák
- HydroGrip Nagypontosságú tokmány
- Precyzyjny Uchwyt mocujący HydroGrip
- Portscula de mare precizie tip HydroGrip
- HydroGrip Высокоточный патрон
- Visokoprecizna glava HydroGrip



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H708

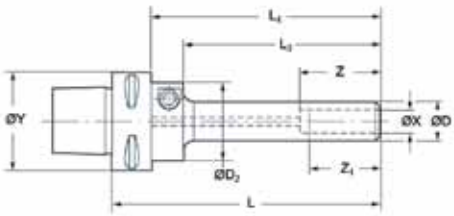
L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD	ØD1	L	L1	L2	Z	N max	α	tool code	e-Code
C4 - 40	12	43.5	19.8	62	20.5	21	40	25000	60°	C4-391.CGA-12 062A	**H708391300**
C4 - 40	12	43.5	19.8	100	20.5	21	40	20000	60°	C4-391.CGA-12 100	**H708391301**
C4 - 40	20	52	28.3	75	32.5	20.9	52	25000	70°	C4-391.CGA-20 075	**H708391302**
C5 - 50	12	43.5	19.8	62	20.5	21.5	40	25000	60°	C5-391.CGA-12 062	**H708391303**
C5 - 50	20	52	28.3	74	32.5	21.2	52	25000	70°	C5-391.CGA-20 074A	**H708391304**
C5 - 50	20	52	28.3	125	32.5	21.2	52	15000	70°	C5-391.CGA-20 125	**H708391305**
C5 - 50	25	59	39.4	79	36.5	21.3	56	25000	75°	C5-391.CGA-25 079	**H708391306**
C6 - 63	25	59	39.4	80	36.5	21.5	56	25000	75°	C6-391.CGA-25 080	**H708391307**
C6 - 63	32	69.5	47.8	84	40.5	20.6	60	25000	75°	C6-391.CGA-32 084A	**H708391308**

H709

- HydroGrip vysoce přesný držák - tužkové provedení
- Portscula de mare precizie tip HydroGrip-Creion
- HydroGrip Nagypontosságú tokmány - PencilType
- HydroGrip Высокоточный патрон карандашного типа
- Precyzyjny Uchwyt mocujący HydroGrip - Palcowy
- Visokoprecizna glava HydroGrip

front 1



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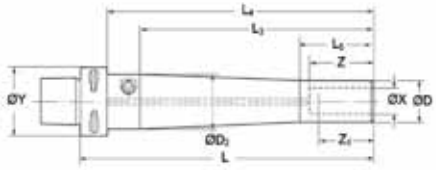
HydroGrip®

H709

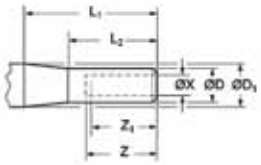
L = programovatelná délka, Z1 = min. délka upnutí / L = programozási hossz. Z1= Min. befogási hossz / L=długość nastawna. Z1=Min.długość mocowania / L = lungime de programare. Z1 = lungimea minima de strangere / L = программируемая длина, Z1= Минимальная зажимная длина / L=dolžina, Z1=minimalna vpenjalna dolžina

ØY	ØX	ØD	ØD1	ØD2	L	L1	L2	L3	L4	L5	Z	Z1	N max	tool code	e-Code	
C4 - 40	6	12		40	86			50			40	37	25000	C4-391.CGB-06 086	**H709391309**	1)
C4 - 40	12	19.5		40	98			50			40	37	25000	C4-391.CGB-12 098A	**H709391310**	1)
C4 - 40	12	19.5		40	148			100			40	37	15000	C4-391.CGB-12 148A	**H709391311**	1)
C4 - 40	12	19.5	24.5	40	198	75	50	150			40	37	15000	C4-391.CGB-12 198A	**H709391312**	2)
C5 - 50	6	12		40	86			50	66		40	37	25000	C5-391.CGB-06 086	**H709391313**	1)
C5 - 50	12	19.5		40	86			50	66		40	37	25000	C5-391.CGB-12 086	**H709391314**	1)
C5 - 50	12	19.5		40	136			100	116		40	37	15000	C5-391.CGB-12 136	**H709391315**	1)
C5 - 50	12	19.5	24.5	40	186	75	50	150	166		40	37	15000	C5-391.CGB-12 186	**H709391316**	2)
C5 - 50	20	32		40	158			110	138	60	52	49	15000	C5-391.CGB-20 158A	**H709391317**	3)
C5 - 50	20	32		40	238			190	218	60	52	49	10000	C5-391.CGB-20 238A	**H709391318**	3)

front 3



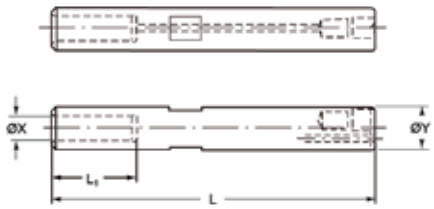
front 2



1) front1
2) front2
3) front3

H704

- HydroGrip vysoce přesný držák - válcová stopka
- Portscula de mare precizie tip HydroGrip, coada cilindrica
- HydroGrip nagypontosságú tokmány - hengeres szár
- HydroGrip Высокоточный патрон с цилиндрическим хвостовиком
- Precyzyjny Uchwyt mocujący HydroGrip - chwyt walcowy
- Visokoprecizna glava HydroGrip - cilindrično držalo



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H704

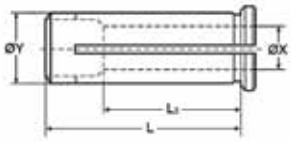
L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	L	L1	N max	tool code	e-Code
19.99	12	150	40	15000	393.CGA-20 12 150	**H704393300**

H740

- HydroGrip kleštiny
- HydroGrip patronok
- Tulejki zaciskowe HydroGrip
- Bucsi HydroGrip
- HydroGrip Цанга
- Puše HydroGrip

NEW
2008.09



H740

L3 = minimální upínací délka pro utěsnění / L3 = Min. befogási hossz tökéletes záródáshoz / L3=Minimalna długość zaciskowa dla prawidłowego uszczelnienia / L3 = lungimea minima de strangere pentru etansare eficienta / L3 = Минимальная зажимная длина обеспечивающая герметизацию / L3=minimalna vpenjalna dolžina

563

ØY	ØX	L	L3	tool code	e-Code
12	3	40	25	393.CG-12 03 40	**H740393301**
12	4	40	25	393.CG-12 04 40	**H740393302**
12	5	40	25	393.CG-12 05 40	**H740393303**
12	6	40	32	393.CG-12 06 40	**H740393304**
12	7	40	33	393.CG-12 07 40	**H740393305**
12	8	40	33	393.CG-12 08 40	**H740393306**
12	9	40	33	393.CG-12 09 40	**H740393307**
12	10	40	36	393.CG-12 10 40	**H740393308**
20	3	52	24	393.CG-20 03 52	**H740393309**
20	4	52	24	393.CG-20 04 52	**H740393310**
20	5	52	24	393.CG-20 05 52	**H740393311**
20	6	52	32	393.CG-20 06 52	**H740393312**
20	7	52	33	393.CG-20 07 52	**H740393313**
20	8	52	33	393.CG-20 08 52	**H740393314**
20	9	52	34	393.CG-20 09 52	**H740393315**
20	10	52	36	393.CG-20 10 52	**H740393316**
20	12	52	41	393.CG-20 12 52	**H740393317**
20	14	52	41	393.CG-20 14 52	**H740393318**
20	16	52	44	393.CG-20 16 52	**H740393319**
25	3	56	25	393.CG-25 03 56	**H740393320**
25	4	56	25	393.CG-25 04 56	**H740393321**
25	5	56	25	393.CG-25 05 56	**H740393322**
25	6	56	33	393.CG-25 06 56	**H740393323**
25	7	56	33	393.CG-25 07 56	**H740393324**
25	8	56	33	393.CG-25 08 56	**H740393325**
25	9	56	34	393.CG-25 09 56	**H740393326**
25	10	56	36	393.CG-25 10 56	**H740393327**
25	12	56	42	393.CG-25 12 56	**H740393328**
25	14	56	43	393.CG-25 14 56	**H740393329**
25	16	56	44	393.CG-25 16 56	**H740393330**
25	18	56	44	393.CG-25 18 56	**H740393331**
25	20	56	46	393.CG-25 20 56	**H740393332**
32	6	60	26	393.CG-32 06 60	**H740393333**
32	7	60	40	393.CG-32 07 60	**H740393334**
32	8	60	40	393.CG-32 08 60	**H740393335**
32	9	60	40	393.CG-32 09 60	**H740393336**
32	10	60	40	393.CG-32 10 60	**H740393337**
32	12	60	40	393.CG-32 12 60	**H740393338**
32	14	60	40	393.CG-32 14 60	**H740393339**
32	16	60	40	393.CG-32 16 60	**H740393340**
32	18	60	40	393.CG-32 18 60	**H740393341**
32	20	60	40	393.CG-32 20 60	**H740393342**
32	25	60	45	393.CG-32 25 60	**H740393343**

H741

- HydroGrip kleštiny
- HydroGrip patronok
- Tulejki zaciskowe HydroGrip
- Bucsi HydroGrip
- HydroGrip Цанга
- Puše HydroGrip

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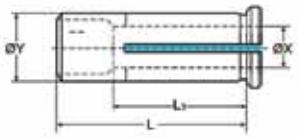
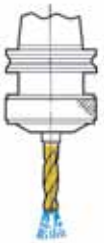




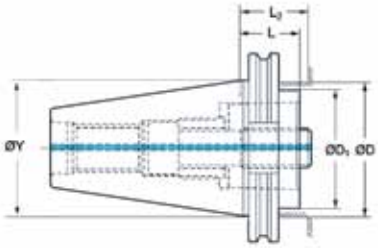
H741

L3 = minimální upínací délka pro utěsnění / L3 = Min. befogási hossz tökéletes záródáshoz / L3=Minimalna długość zaciskowa dla prawidłowego uszczelnienia / L3 = lungimea minima de strangere pentru etansare eficienta / L3 = Минимальная зажимная длина обеспечивающая герметизацию / L3=minimalna vpenjalna dolžina

ØY	ØX	L	L3	tool code	e-Code
12	3	40	25	393.CGS-12 03 40	**H741393344**
12	4	40	25	393.CGS-12 04 40	**H741393345**
12	5	40	25	393.CGS-12 05 40	**H741393346**
12	6	40	32	393.CGS-12 06 40	**H741393347**
12	7	40	33	393.CGS-12 07 40	**H741393348**
12	8	40	33	393.CGS-12 08 40	**H741393349**
12	9	40	33	393.CGS-12 09 40	**H741393350**
12	10	40	36	393.CGS-12 10 40	**H741393351**
20	3	52	24	393.CGS-20 03 52	**H741393352**
20	4	52	24	393.CGS-20 04 52	**H741393353**
20	5	52	24	393.CGS-20 05 52	**H741393354**
20	6	52	32	393.CGS-20 06 52	**H741393355**
20	7	52	33	393.CGS-20 07 52	**H741393356**
20	8	52	33	393.CGS-20 08 52	**H741393357**
20	9	52	34	393.CGS-20 09 52	**H741393358**
20	10	52	36	393.CGS-20 10 52	**H741393359**
20	12	52	36	393.CGS-20 12 52	**H741393360**
20	14	52	41	393.CGS-20 14 52	**H741393361**
20	16	52	41	393.CGS-20 16 52	**H741393362**
20	18	52	44	393.CGS-20 18 52	**H741393363**
25	3	56	25	393.CGS-25 03 56	**H741393364**
25	4	56	25	393.CGS-25 04 56	**H741393365**
25	5	56	25	393.CGS-25 05 56	**H741393366**
25	6	56	33	393.CGS-25 06 56	**H741393367**
25	7	56	33	393.CGS-25 07 56	**H741393368**
25	8	56	33	393.CGS-25 08 56	**H741393369**
25	9	56	34	393.CGS-25 09 56	**H741393370**
25	10	56	36	393.CGS-25 10 56	**H741393371**
25	12	56	42	393.CGS-25 12 56	**H741393372**
25	14	56	43	393.CGS-25 14 56	**H741393373**
25	16	56	44	393.CGS-25 16 56	**H741393374**
25	18	56	44	393.CGS-25 18 56	**H741393375**
25	20	56	45	393.CGS-25 20 56	**H741393376**
32	7	60	33	393.CGS-32 07 60	**H741393377**
32	8	60	33	393.CGS-32 08 60	**H741393378**
32	9	60	33	393.CGS-32 09 60	**H741393379**
32	10	60	36	393.CGS-32 10 60	**H741393380**
32	12	60	41	393.CGS-32 12 60	**H741393381**
32	14	60	42	393.CGS-32 14 60	**H741393382**
32	16	60	44	393.CGS-32 16 60	**H741393383**
32	18	60	45	393.CGS-32 18 60	**H741393384**
32	20	60	46	393.CGS-32 20 60	**H741393385**
32	25	60	47	393.CGS-32 25 60	**H741393386**

H607

- Základní držák pro Dormer Capto
- Portscula de baza Dormer Capto
- Alaptartó Dormer Capto rendszerhez
- Базовый держатель для Dormer Capto
- Podstawowy uchwyt dla oprawki Dormer Capto
- Osnovno držalo za Dormer Capto



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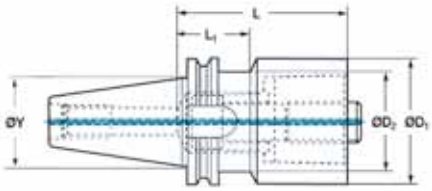
2008.09

H607

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

DIN 69871A

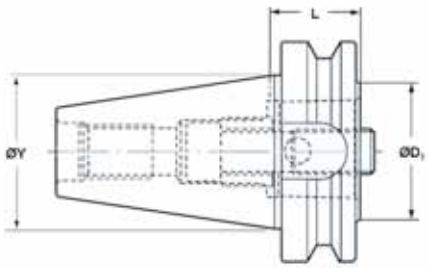
ØY	coupling size	ØD	ØD1	ØD2	L	L1	L2	prebalanced	tool code	e-Code
ISO 40	C4	50	40		30		35	x	C4-390.140-40 030	**H607390200**
ISO 40	C4	50	40		60		35	x	C4-390.140-40 060	**H607390201**
ISO 50	C4	80	40		30		35		C4-390.140-50 030	**H607390202**
ISO 50	C4	80	40		60		35		C4-390.140-50 060	**H607390203**
ISO 40	C5	50	50		30		35	x	C5-390.140-40 030	**H607390204**
ISO 40	C5	50	50		70		35	x	C5-390.140-40 070	**H607390205**
ISO 50	C5	80	50		30		35		C5-390.140-50 030	**H607390206**
ISO 50	C5	80	50		70		35		C5-390.140-50 070	**H607390207**
ISO 40	C6		63	50	85	35		x	C6-390.140-40 085	**H607390210**
ISO 50	C6	80	63		30		35		C6-390.140-50 030	**H607390211**
ISO 50	C6	80	63		80		35		C6-390.140-50 080	**H607390212**



H607390210

H602

- Základní držák pro Dormer Capto
- Alaptartó Dormer Capto rendszerhez
- Podstawowy uchwyt dla oprawki Dormer Capto
- Portscula de baza Dormer Capto
- Базовый держатель для Dormer Capto
- Osnovno držalo za Dormer Capto



NEW
2008.09

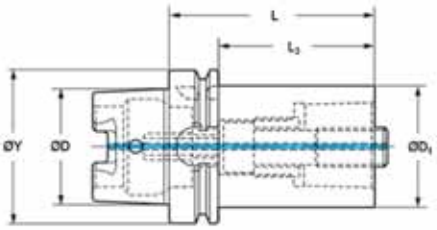
H602

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	coupling size	ØD1	L	prebalanced	tool code	e-Code
ISO 40	C4	40	30	x	C4-390.55-40 030	**H602390100**
ISO 40	C4	40	60	x	C4-390.55-40 060	**H602390101**
ISO 40	C5	50	30	x	C5-390.55-40 030	**H602390102**
ISO 40	C5	50	70	x	C5-390.55-40 070	**H602390103**

H606

- Základní držák pro Dormer Capto
- Alaptartó Dormer Capto rendszerhez
- Podstawowy uchwyt dla oprawki Dormer Capto
- Portscula de baza Dormer Capto
- Базовый держатель для Dormer Capto
- Osnovno držalo za Dormer Capto



NEW
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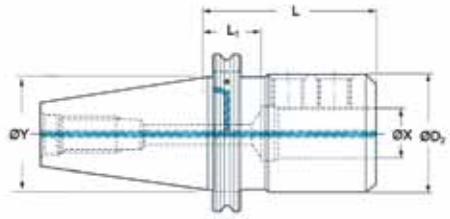
H606

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	coupling size	ØD	ØD1	L	L3	prebalanced	tool code	e-Code
HSK-63	C4	48	40	80	54	x	C4-390.410-63 080C	**H606390208**
HSK-63	C5	48	50	90	64	x	C5-390.410-63 090C	**H606390209**

H604

- Základní držák
- Alaptartó
- Uchwyt
- Con de baza
- Базовый держатель
- Osnovno držalo



NEW
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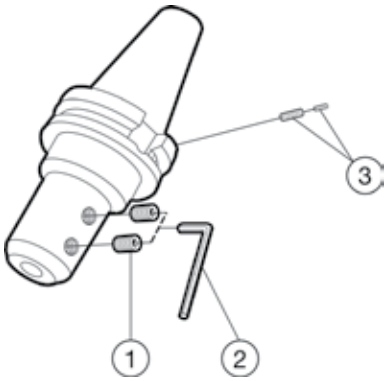
H604

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD2	L	L1	tool code	e-Code
ISO 40	16	36	80	27	A1B27-40 16 080	**H604127100**
ISO 40	20	40	80	25	A1B27-40 20 080	**H604127101**
ISO 40	25	45	85	25	A1B27-40 25 085	**H604127102**
ISO 40	32	52	90	26	A1B27-40 32 090	**H604127103**
ISO 50	16	36	80	27	A1B27-50 16 080	**H604127104**
ISO 50	20	40	80	25	A1B27-50 20 080	**H604127105**
ISO 50	25	45	85	25	A1B27-50 25 085	**H604127106**
ISO 50	32	52	90	26	A1B27-50 32 090	**H604127107**

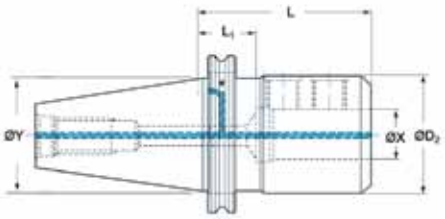


	e-code	(1) A	(2) B	(3) C	(3) D
H604	H604127100	H620551102	H621302103 (4.0)	H622564100	H623564101
H604	H604127101	H620551102	H621302103 (4.0)	H622564100	H623564101
H604	H604127102	H620416100	H621302104 (6.0)	H622564100	H623564101
H604	H604127103	H620416100	H621302104 (6.0)	H622564100	H623564101
H604	H604127104	H620551102	H621302103 (4.0)	H622564100	H623564101
H604	H604127105	H620551102	H621302103 (4.0)	H622564100	H623564101
H604	H604127106	H620416100	H621302104 (6.0)	H622564100	H623564101
H604	H604127107	H620416100	H621302104 (6.0)	H622564100	H623564101

A = šroub, B = klíč, C = šroub a plastová hmoždinka (sada 50 ks) pro základní držáky ISO 40, D = šroub a plastová hmoždinka (sada 50 ks) pro základní držáky ISO 50
A =csavar B=kulcs. C=csavar és műanyag betét (50db-os készlet) ISO 40 alaptartóhoz. D=csavar és műanyag betét (50db-os készlet) ISO 50 alaptartóhoz
A=Wkręt.B=Klucz.C=Wkret i plastikowe kołki ustalające(komplet 50szt.) dla ISO 40 Uchwyt Podstawowy.D=Wkręt i plastikowy kołek ustalający(komplet 50szt.) dla ISO 50
A = surub. B = Cheie. C = surub si stift plastic (set de 50 buc) pt con ISO 40. D = surub si stift plastic (set de 50 buc) pt con ISO 50
A = Винт, B= Ключ, C=Винт и пластиковый штифт (в комплекте 50 шт.) для базового держателя по ISO 40, D= Винт и пластиковый штифт (в комплекте 50 шт.) для базового держателя по ISO 50.
A=vijak, B=ključ, C=vijak in plastičen moznik (set 50kos) za ISO40 osnovno držalo, D=vijak in plastičen moznik (set 50kos), za ISO 50 osnovno držalo

H605

- Základní držák
- Alaptartó
- Uchwyt
- Con de baza
- Базовый держатель
- Osnovno držalo

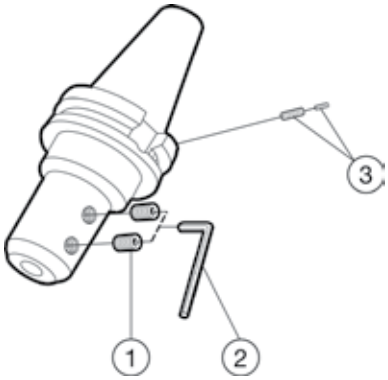


NEW
2008.09

H605

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD2	L	L1	tool code	e-Code
ISO 40	16	36	70	17	A2B27-40 16 070	**H605227100**
ISO 40	20	40	75	20	A2B27-40 20 075	**H605227101**
ISO 40	25	45	80	20	A2B27-40 25 080	**H605227102**
ISO 40	32	52	85	21	A2B27-40 32 085	**H605227103**
ISO 50	16	36	80	27	A2B27-50 16 080	**H605227104**
ISO 50	20	40	85	30	A2B27-50 20 085	**H605227105**
ISO 50	25	45	90	30	A2B27-50 25 090	**H605227106**
ISO 50	32	52	95	31	A2B27-50 32 095	**H605227107**

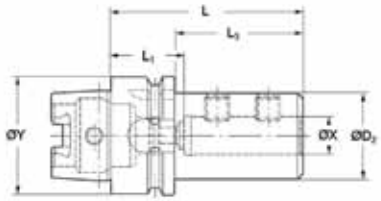


	e-code	(1) A	(2) B	(3) C	(3) D
H605	H605227100	H620551102	H621302103 (4.0)	H622564100	H623564101
H605	H605227101	H620551102	H621302103 (4.0)	H622564100	H623564101
H605	H605227102	H620416100	H621302104 (6.0)	H622564100	H623564101
H605	H605227103	H620416100	H621302104 (6.0)	H622564100	H623564101
H605	H605227104	H620551102	H621302103 (4.0)	H622564100	H623564101
H605	H605227105	H620551102	H621302103 (4.0)	H622564100	H623564101
H605	H605227106	H620416100	H621302104 (6.0)	H622564100	H623564101
H605	H605227107	H620416100	H621302104 (6.0)	H622564100	H623564101

A = šroub, B = klíč, C = šroub a plastová hmoždinka (sada 50 ks) pro základní držáky ISO 40, D = šroub a plastová hmoždinka (sada 50 ks) pro základní držáky ISO 50
A =csavar B=kulcs. C=csavar és műanyag betét (50db-os készlet) ISO 40 alaptartóhoz. D=csavar és műanyag betét (50db-os készlet) ISO 50 alaptartóhoz
A=Wkręt.B=Klucz.C=Wkret i plastikowe kołki ustalające(komplet 50szt.) dla ISO 40 Uchwyt Podstawowy.D=Wkręt i plastikowy kołek ustalający(komplet 50szt.) dla ISO 50
A = surub. B = Cheie. C = surub si stift plastic (set de 50 buc) pt con ISO 40. D = surub si stift plastic (set de 50 buc) pt con ISO 50
A = Винт, B= Ключ, C=Винт и пластиковый штифт (в комплекте 50 шт.) для базового держателя по ISO 40, D= Винт и пластиковый штифт (в комплекте 50 шт.) для базового держателя по ISO 50.
A=vijak, B=ključ, C=vijak in plastičen moznik (set 50kos) za ISO40 osnovno držalo, D=vijak in plastičen moznik (set 50kos), za ISO 50 osnovno držalo

H608

- Základní držák
- Alaptartó
- Uchwyt
- Con de baza
- Базовый держатель
- Osnovno držalo



NEW
2008.09

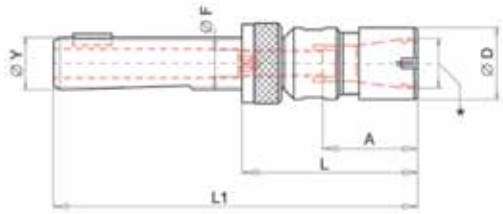
H608

L = programovatelná délka / L=programozási hossz / L=długość nastawna / L = lungime de programare / L = программируемая длина / L=dolžina

ØY	ØX	ØD2	L	L1	L3	tool code	e-Code
HSK-63	16	36	80	30.5	54	392.41027-63 16 080B	**H608392200**
HSK-63	20	40	80	28.5	54	392.41027-63 20 080B	**H608392201**
HSK-63	25	45	90	32.5	64	392.41027-63 25 090B	**H608392202**
HSK-63	32	52	90	28.5	64	392.41027-63 32 090B	**H608392203**

H062

- MPPM Upínací pouzdro
- MPPM Bucsa elastica
- MPPM Patron tokmány
- MPPM цанговый патрон
- Uchwyt z tuleja zaciskowa MPPM
- MPPM čeljusti



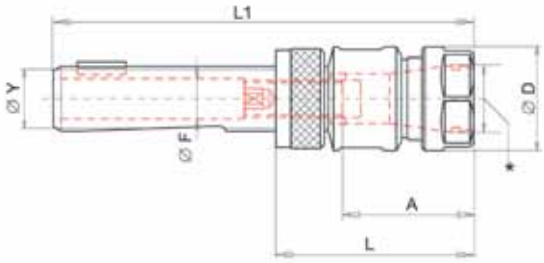
H062

DIN 6327

size	type	clamping	ØY	L1	L	D	F	A min-max	e-Code
10 - 11	TR 10 ER 11	1-7	10x1.5	95	45	16	M6	18-22	**H062550060**
12 - 11	TR 12 ER 11	1-7	12x1.5	95	45	16	M6	18-22	**H062550061**
12 - 16	TR 12 ER 16	1-10	12x1.5	103	53	22	M8	27-31	**H062550062**
16 - 16	TR 16 ER 16	1-10	16x1.5	120	46	22	M8	27-31	**H062550063**
16 - 20	TR 16 ER 20	1-13	16x1.5	130	57	28	M10	31-37	**H062550064**
20 - 16	TR 20 ER 16	1-10	20x2	135	62	22	M8	27-31	**H062550066**
20 - 20	TR 20 ER 20	1-13	20x2	135	62	28	M10	31-37	**H062550067**
20 - 25	TR 20 ER 25	1-16	20x2	135	62	35	M10	35-40	**H062550068**

H162

- MPP Upínací pouzdro
- MPP Bucsa elastica
- MPP Patron tokmány
- MPP цанговый патрон
- Uchwyt z tuleja zaciskowa MPP
- MPP čeljust



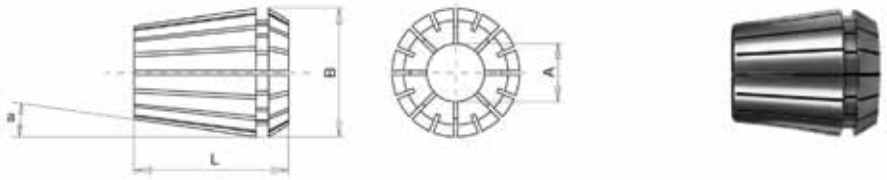
H162

DIN 6327

size	type	clamping	ØY	L1	L	D	F	A min-max	e-Code
16-11	TR 16 ER 11	1-7	16x1.5	110	37	19	M6	18-22	**H162550050**
16-16	TR 16 ER 16	1-10	16x1.5	122	46	28	M8	27-31	**H162550051**
20-16	TR 20 ER 16	1-10	20x2	128	55	28	M8	27-31	**H162550052**
20-20	TR 20 ER 20	1-13	20x2	135	62	34	M10	31-37	**H162550053**
28-20	TR 28 ER 20	1-13	28x2	140	61	34	M10	31-37	**H162550054**
28-25	TR 28 ER 25	1-16	28x2	140	61	42	M10	35-40	**H162550055**
28-32	TR 28 ER 32	2-20	28x2	147	68	50	M16	40-46	**H162550073**
36-25	TR 36 ER 25	1-16	36x2	163	61	42	M10	35-40	**H162550056**
36-32	TR 36 ER 32	2-20	36x2	165	65	50	M16	40-46	**H162550057**
48-32	TR 48 ER 32	2-20	48x2	200	65	50	M16	40-46	**H162550058**

H262

- Kleština ER
- ER patron
- Tulejka zaciskowa ER
- ER Bucsa elastica
- Цанга ER
- Puša ER



H262

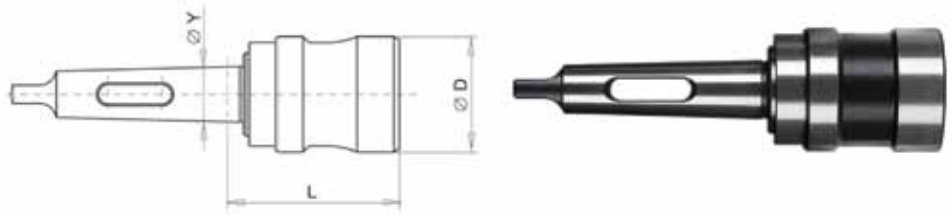
type	reference	B	L	a ▷	A min	A max	tool code	e-Code
ER 11.D1	ER 11	11.4	18	8°	0.75	1.00	393.14-11 0100	**H262111010**
ER 11.D1.5	ER 11	11.4	18	8°	1.25	1.50	393.14-11 0150	**H262111015**
ER 11.D2	ER 11	11.4	18	8°	1.75	2.00	393.14-11 0200	**H262111020**
ER 11.D2.5	ER 11	11.4	18	8°	2.25	2.50	393.14-11 0250	**H262111025**
ER 11.D3	ER 11	11.4	18	8°	2.50	3.00	393.14-11 0300	**H262111030**
ER 11.D3.5	ER 11	11.4	18	8°	3.00	3.50	393.14-11 0350	**H262111035**
ER 11.D4	ER 11	11.4	18	8°	3.50	4.00	393.14-11 0400	**H262111040**
ER 11.D4.5	ER 11	11.4	18	8°	4.00	4.50	393.14-11 0450	**H262111045**
ER 11.D5	ER 11	11.4	18	8°	4.50	5.00	393.14-11 0500	**H262111050**
ER 11.D5.5	ER 11	11.4	18	8°	5.00	5.50	393.14-11 0550	**H262111055**
ER 11.D6	ER 11	11.4	18	8°	5.50	6.00	393.14-11 0600	**H262111060**
ER 11.D6.5	ER 11	11.4	18	8°	6.00	6.50	393.14-11 0650	**H262111065**
ER 11.D7	ER 11	11.4	18	8°	6.50	7.00	393.14-11 0700	**H262111070**
ER 16.D1	ER 16	17.0	27.5	8°	0.50	1.00	393.14-16 0100	**H262116010**
ER 16.D1.5	ER 16	17.0	27.5	8°	1.00	1.50	393.14-16 0150	**H262116015**
ER 16.D2	ER 16	17.0	27.5	8°	1.00	2.00	393.14-16 0200	**H262116020**
ER 16.D2.5	ER 16	17.0	27.5	8°	1.50	2.50	393.14-16 0250	**H262116025**
ER 16.D3	ER 16	17.0	27.5	8°	2.00	3.00	393.14-16 0300	**H262116030**
ER 16.D4	ER 16	17.0	27.5	8°	3.00	4.00	393.14-16 0400	**H262116040**
ER 16.D5	ER 16	17.0	27.5	8°	4.00	5.00	393.14-16 0500	**H262116050**
ER 16.D6	ER 16	17.0	27.5	8°	5.00	6.00	393.14-16 0600	**H262116060**
ER 16.D7	ER 16	17.0	27.5	8°	6.00	7.00	393.14-16 0700	**H262116070**
ER 16.D8	ER 16	17.0	27.5	8°	7.00	8.00	393.14-16 0800	**H262116080**
ER 16.D9	ER 16	17.0	27.5	8°	8.00	9.00	393.14-16 0900	**H262116090**
ER 16.D10	ER 16	17.0	27.5	8°	9.00	10.00	393.14-16 1000	**H262116100**
ER 20.D1.5	ER 20	21.0	31.5	8°	1.00	1.50	393.14-20 015	**H262120015**
ER 20.D2	ER 20	21.0	31.5	8°	1.50	2.00	393.14-20 020	**H262120020**
ER 20.D2.5	ER 20	21.0	31.5	8°	2.00	2.50	393.14-20 025	**H262120025**
ER 20.D3	ER 20	21.0	31.5	8°	2.50	3.00	393.14-20 030	**H262120030**
ER 20.D4	ER 20	21.0	31.5	8°	3.00	4.00	393.14-20 040	**H262120040**
ER 20.D5	ER 20	21.0	31.5	8°	4.00	5.00	393.14-20 050	**H262120050**
ER 20.D6	ER 20	21.0	31.5	8°	5.00	6.00	393.14-20 060	**H262120060**
ER 20.D7	ER 20	21.0	31.5	8°	6.00	7.00	393.14-20 070	**H262120070**
ER 20.D8	ER 20	21.0	31.5	8°	7.00	8.00	393.14-20 080	**H262120080**
ER 20.D9	ER 20	21.0	31.5	8°	8.00	9.00	393.14-20 090	**H262120090**
ER 20.D10	ER 20	21.0	31.5	8°	9.00	10.00	393.14-20 100	**H262120100**
ER 20.D11	ER 20	21.0	31.5	8°	10.00	11.00	393.14-20 110	**H262120110**
ER 20.D12	ER 20	21.0	31.5	8°	11.00	12.00	393.14-20 120	**H262120120**
ER 20.D13	ER 20	21.0	31.5	8°	12.00	13.00	393.14-20 130	**H262120130**
ER 25.D2	ER 25	26.0	34	8°	1.50	2.00	393.14-25 020	**H262125020**
ER 25.D2.5	ER 25	26.0	34	8°	2.00	2.50	393.14-25 025	**H262125025**
ER 25.D3	ER 25	26.0	34	8°	2.50	3.00	393.14-25 030	**H262125030**
ER 25.D4	ER 25	26.0	34	8°	3.00	4.00	393.14-25 040	**H262125040**
ER 25.D5	ER 25	26.0	34	8°	4.00	5.00	393.14-25 050	**H262125050**
ER 25.D6	ER 25	26.0	34	8°	5.00	6.00	393.14-25 060	**H262125060**
ER 25.D7	ER 25	26.0	34	8°	6.00	7.00	393.14-25 070	**H262125070**
ER 25.D8	ER 25	26.0	34	8°	7.00	8.00	393.14-25 080	**H262125080**
ER 25.D9	ER 25	26.0	34	8°	8.00	9.00	393.14-25 090	**H262125090**

H262

type	reference	B	L	a ▷	A min	A max	tool code	e-Code
ER 25.D10	ER 25	26.0	34	8°	9.00	10.00	393.14-25 100	**H262125100**
ER 25.D11	ER 25	26.0	34	8°	10.00	11.00	393.14-25 110	**H262125110**
ER 25.D12	ER 25	26.0	34	8°	11.00	12.00	393.14-25 120	**H262125120**
ER 25.D13	ER 25	26.0	34	8°	12.00	13.00	393.14-25 130	**H262125130**
ER 25.D14	ER 25	26.0	34	8°	13.00	14.00	393.14-25 140	**H262125140**
ER 25.D15	ER 25	26.0	34	8°	14.00	15.00	393.14-25 150	**H262125150**
ER 25.D16	ER 25	26.0	34	8°	15.00	16.00	393.14-25 160	**H262125160**
ER 32.D2.5	ER 32	33.0	40	8°	2.00	2.50	393.14-32 025	**H262132025**
ER 32.D3	ER 32	33.0	40	8°	2.50	3.00	393.14-32 030	**H262132030**
ER 32.D4	ER 32	33.0	40	8°	3.00	4.00	393.14-32 040	**H262132040**
ER 32.D5	ER 32	33.0	40	8°	4.00	5.00	393.14-32 050	**H262132050**
ER 32.D6	ER 32	33.0	40	8°	5.00	6.00	393.14-32 060	**H262132060**
ER 32.D7	ER 32	33.0	40	8°	6.00	7.00	393.14-32 070	**H262132070**
ER 32.D8	ER 32	33.0	40	8°	7.00	8.00	393.14-32 080	**H262132080**
ER 32.D9	ER 32	33.0	40	8°	8.00	9.00	393.14-32 090	**H262132090**
ER 32.D10	ER 32	33.0	40	8°	9.00	10.00	393.14-32 100	**H262132100**
ER 32.D11	ER 32	33.0	40	8°	10.00	11.00	393.14-32 110	**H262132110**
ER 32.D12	ER 32	33.0	40	8°	11.00	12.00	393.14-32 120	**H262132120**
ER 32.D13	ER 32	33.0	40	8°	12.00	13.00	393.14-32 130	**H262132130**
ER 32.D14	ER 32	33.0	40	8°	13.00	14.00	393.14-32 140	**H262132140**
ER 32.D15	ER 32	33.0	40	8°	14.00	15.00	393.14-32 150	**H262132150**
ER 32.D16	ER 32	33.0	40	8°	15.00	16.00	393.14-32 160	**H262132160**
ER 32.D17	ER 32	33.0	40	8°	16.00	17.00	393.14-32 170	**H262132170**
ER 32.D18	ER 32	33.0	40	8°	17.00	18.00	393.14-32 180	**H262132180**
ER 32.D19	ER 32	33.0	40	8°	18.00	19.00	393.14-32 190	**H262132190**
ER 32.D20	ER 32	33.0	40	8°	19.00	20.00	393.14-32 200	**H262132200**
ER 40.D4	ER 40	41.0	46	8°	3.00	4.00	393.14-40 040	**H262140040**
ER 40.D5	ER 40	41.0	46	8°	4.00	5.00	393.14-40 050	**H262140050**
ER 40.D6	ER 40	41.0	46	8°	5.00	6.00	393.14-40 060	**H262140060**
ER 40.D7	ER 40	41.0	46	8°	6.00	7.00	393.14-40 070	**H262140070**
ER 40.D8	ER 40	41.0	46	8°	7.00	8.00	393.14-40 080	**H262140080**
ER 40.D9	ER 40	41.0	46	8°	8.00	9.00	393.14-40 090	**H262140090**
ER 40.D10	ER 40	41.0	46	8°	9.00	10.00	393.14-40 100	**H262140100**
ER 40.D11	ER 40	41.0	46	8°	10.00	11.00	393.14-40 110	**H262140110**
ER 40.D12	ER 40	41.0	46	8°	11.00	12.00	393.14-40 120	**H262140120**
ER 40.D13	ER 40	41.0	46	8°	12.00	13.00	393.14-40 130	**H262140130**
ER 40.D14	ER 40	41.0	46	8°	13.00	14.00	393.14-40 140	**H262140140**
ER 40.D15	ER 40	41.0	46	8°	14.00	15.00	393.14-40 150	**H262140150**
ER 40.D16	ER 40	41.0	46	8°	15.00	16.00	393.14-40 160	**H262140160**
ER 40.D17	ER 40	41.0	46	8°	16.00	17.00	393.14-40 170	**H262140170**
ER 40.D18	ER 40	41.0	46	8°	17.00	18.00	393.14-40 180	**H262140180**
ER 40.D19	ER 40	41.0	46	8°	18.00	19.00	393.14-40 190	**H262140190**
ER 40.D20	ER 40	41.0	46	8°	19.00	20.00	393.14-40 200	**H262140200**
ER 40.D21	ER 40	41.0	46	8°	20.00	21.00	393.14-40 210	**H262140210**
ER 40.D22	ER 40	41.0	46	8°	21.00	22.00	393.14-40 220	**H262140220**
ER 40.D23	ER 40	41.0	46	8°	22.00	23.00	393.14-40 230	**H262140230**
ER 40.D24	ER 40	41.0	46	8°	23.00	24.00	393.14-40 240	**H262140240**
ER 40.D25	ER 40	41.0	46	8°	24.00	25.00	393.14-40 250	**H262140250**
ER 40.D26	ER 40	41.0	46	8°	25.00	26.00	393.14-40 260	**H262140260**

H068

- MSKF rychlovýměnné pouzdro
- MSKF Gyorscserés tokmány
- Uchwyt szybkowymienny MSKF
- MSKF Mandrina cu schimbare rapida
- MSKF быстросменный патрон
- MSKF glava



H068

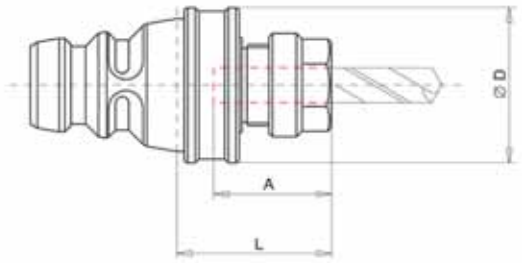
DIN 228 B

size	ØY	ØD	L	type	e-Code
2	CM 2	50	75	2	**H068010010**
2	CM 3	50	75	2	**H068010011**

size	ØY	ØD	L	type	e-Code
3	CM 3	60	88	3	**H068010015**
3	CM 4	60	89	3	**H068010016**

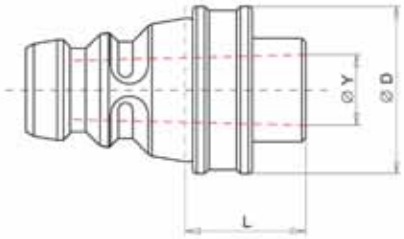
H568 / H168

- BSKF rychlovýměnný adaptér
- Adapter a gyorscserés befogóhoz - BSKF
- Szybko Wymienna Zlaczka typu BSKF
- BSKF Adaptor cu schimbare rapida
- BSKF Быстросменный адаптор
- BSKF nastavek



H568

size	type	ØD	L	A min-max	capacity	e-Code
2	ER 16	42	40	21-43	Ø 1 - Ø 10	**H568020050**
3	ER 25	50	52	24-51	Ø 2 - Ø 16	**H568020070**



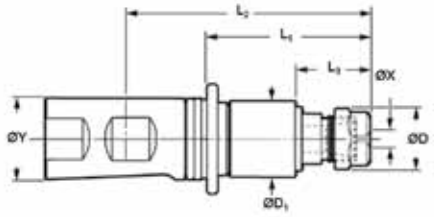
H168

size	ØY	ØD	L	e-Code
2	CM 1	42	18	**H168020052**
2	CM 2	42	30.5	**H168020053**
3	CM 1	50	20.5	**H168020072**
3	CM 2	50	20.5	**H168020073**

size	ØY	ØD	L	e-Code
3	CM 3	50	38.5	**H168020074**

H502

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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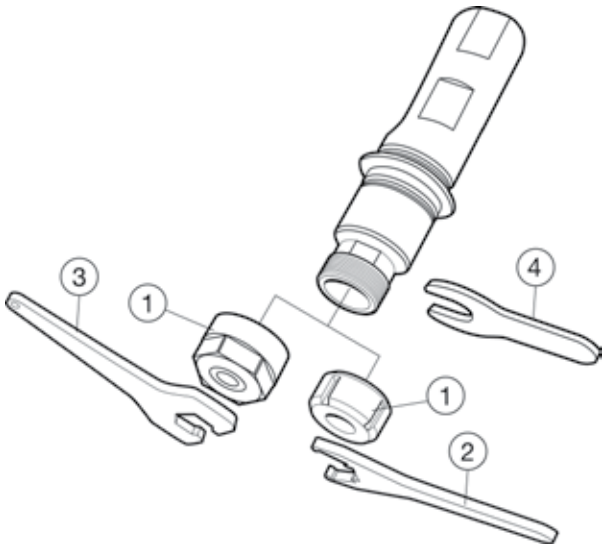
SynchroFlex®

H502

DIN 1835 B + E | MICRO | 496

size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M2 - M5	ERC11	25	2.8-6.0	18.7	23.5	51.4	75.4	23.5	393.2062-25 11 051	**H502393100**
M4 - M12	ERC20	25	4.0-10.0	34	35	63.5	87.5	35.3	393.2062-25 20 063	**H502393101**
M8 - M20	ERC25	25	8.0-16.0	42	44	82.9	106.9	36.9	393.2062-25 25 083	**H502393102**

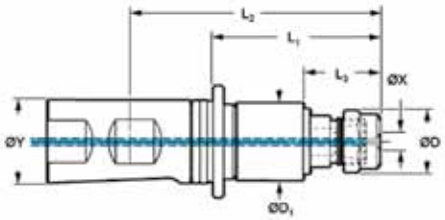


	e-code	(1) A	(2) B	(3) B	(4) B
H502	H502393100	H542553100		H543568100	H544568102
H502	H502393101	H542553101		H543568101	H544568103
H502	H502393102	H542553102	H547568105		H544568104

A = matice, B = šroubovák / A = anya B = csavar / A=nakrętka B=klucz / A = Piulita, B = Cheie / A = Гайка, B = Гаечный ключ / A=matica, B=ključ

H503

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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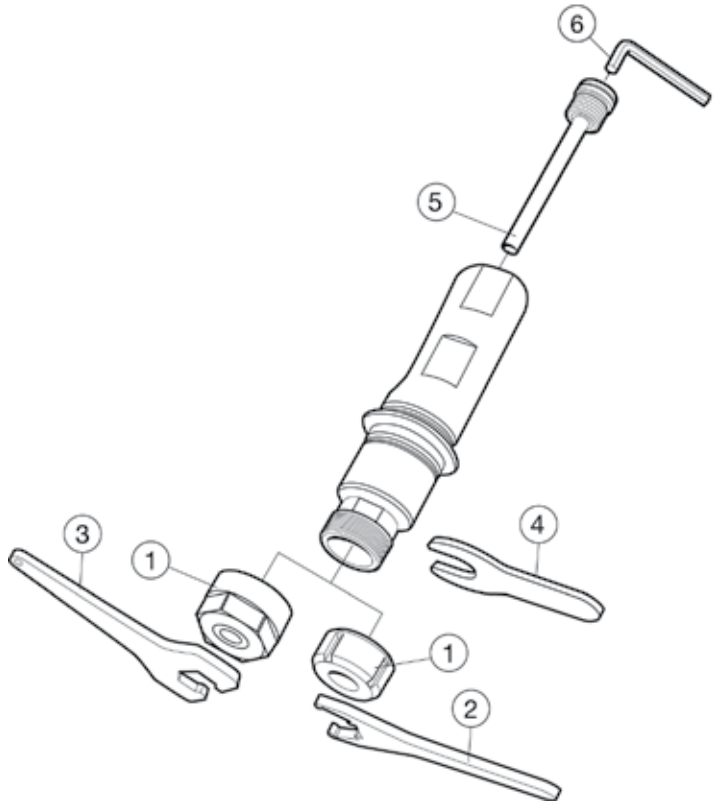
SynchroFlex®

H503

DIN 1835 B + E | MICRO | 80 Bar | 496

size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M4 - M12	ERC20	25	4.0-10.0	34	35	68.6	92.6	40.5	393.2063-25 20 068	**H503393103**
M8 - M20	ERC25	25	8.0-16.0	42	44	88.1	112.1	42.2	393.2063-25 25 088	**H503393104**

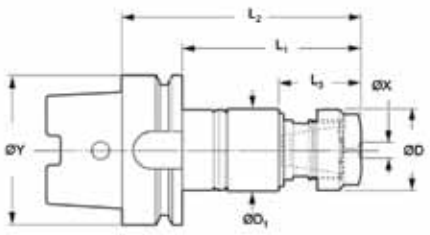


	e-code	(1) A	(2) B	(3) B	(4) B	(5) C	(6) D
H503	H503393103	H546553103		H543568101	H544568103	H548569100	H549302100
H503	H503393104	H546553104	H547568105		H544568104	H548569101	H549302100

A = matice, B = klíč, C = trubička chlazení, D = šroubovák / A = anya B = kulcs C = hűtőcsatorna D = kulcs / A=Nakrętka B=Klucz C=doprowadzenie chłodziwa D=Klucz / A = Piulita. B = Cheie fixa. C = tub fluid aschiere. D = Cheie / A = Гайка, B = Гаечный ключ, C = Канал для подачи СОЖ, D = Ключ / A=matica, B=ključ, C=hladilni kanal, D=ključ

H500

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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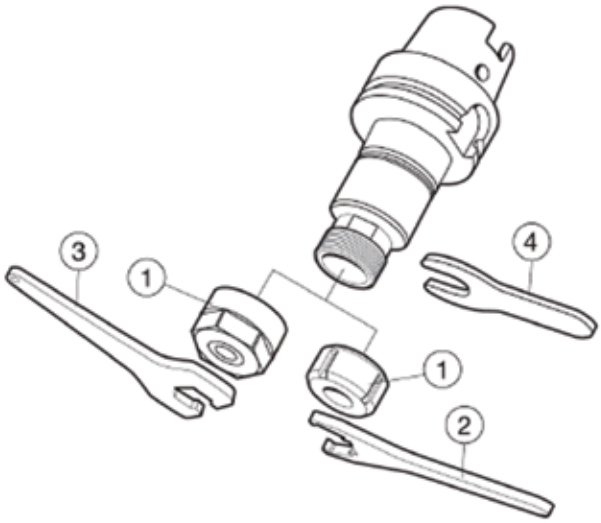
H500

HSK A/C | MICRO | 496

size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M4 - M12	ERC20	HSK-63	4.0-10.0	34	35	76.6	102.6	35.3	392.41062-63 20 102	**H500392100**
M8 - M20	ERC25	HSK-63	8.0-16.0	42	44	96	122	42.2	392.41062-63 25 122	**H500392101**

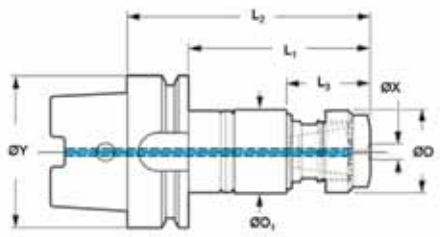


	e-code	(1) A	(2) B	(3) B	(4) B
H500	H500392100	H542553101		H543568101	H544568103
H500	H500392101	H542553102	H547568105		H544568104

A = matice, B = šroubovák / A = anya B = csavar / A=nakrętka B=klucz / A = Piulita, B = Cheie / A = Гайка, B = Гаечный ключ / A=matica, B=ključ

H501

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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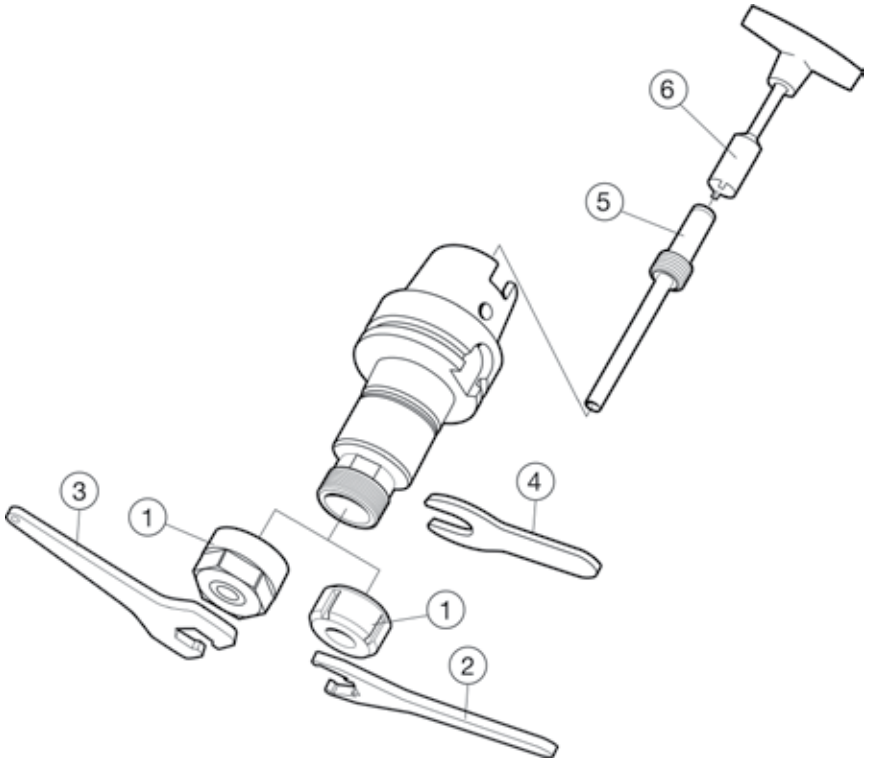
size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M4 - M12	ERC20	HSK-63	4.0-10.0	34	35	81.8	107.8	40.5	392.41063-63 20 107	**H501392102**
M8 - M20	ERC25	HSK-63	8.0-16.0	42	44	101.3	127.3	42.2	392.41063-63 25 127	**H501392103**

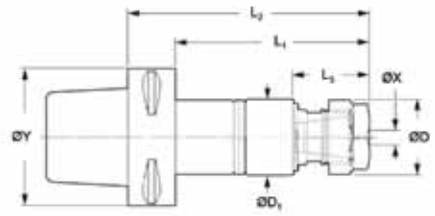


	e-code	(1) A	(2) B	(3) B	(4) B	(5) C	(6) D
H501	H501392102	H546553103		H543568101	H544568103	H548569102	H545568106
H501	H501392103	H546553104	H547568105		H544568104	H548569103	H545568106

A = matice, B = klíč, C = trubička chlazení, D = šroubovák / A = anya B = kulcs C = hűtőcsatorna D = kulcs / A=Nakrętka B=Klucz C=doprowadzenie chłodziwa D=Klucz / A = Piulita. B = Cheie fixa. C = tub fluid aschiere. D = Cheie / A = Гайка, B = Гаечный ключ, C = Канал для подачи СОЖ, D = Ключ / A=matica, B=ključ, C=hladilni kanal, D=ključ

H504

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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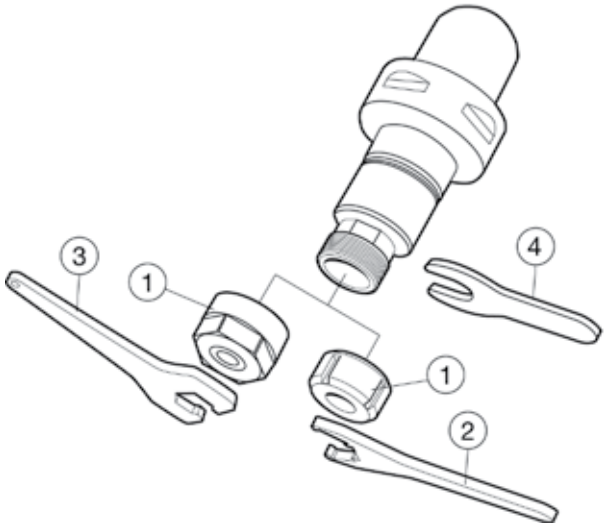
H504

DORMER CAPTO | MICRO | 496

size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M4 - M12	ERC20	C4 - 40	4.0-10.0	34	35	86.5	106.5	35.3	C4-391.62-20 107	**H504391100**
M8 - M20	ERC25	C4 - 40	8.0-16.0	42	44	105.9	125.9	42.2	C4-391.62-25 126	**H504391101**
M4 - M12	ERC20	C5 - 50	4.0-10.0	34	35	88.5	108.5	35.3	C5-391.62-20 109	**H504391102**
M8 - M20	ERC25	C5 - 50	8.0-16.0	42	44	107.9	127.9	42.2	C5-391.62-25 128	**H504391103**

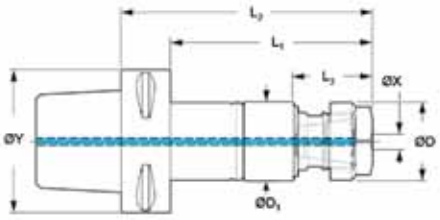


	e-code	(1) A	(2) B	(3) B	(4) B
H504	H504391100	H542553101		H543568101	H544568103
H504	H504391101	H542553102	H547568105		H544568104
H504	H504391102	H542553101		H543568101	H544568103
H504	H504391103	H542553102	H547568105		H544568104

A = matice, B = šroubovák / A = anya B = csavar / A=nakrętka B=klucz / A = Piulita, B = Cheie / A = Гайка, B = Гаечный ключ / A=matica, B=ključ

H505

- SynchroFlex závitovací hlava
- SynchroFlex menetfúró tokmány
- SynchroFlex Uchwyt do gwintowania
- Port tarod SynchroFlex
- SynchroFlex Метчиковый патрон
- Navojna glava tip SynchroFlex



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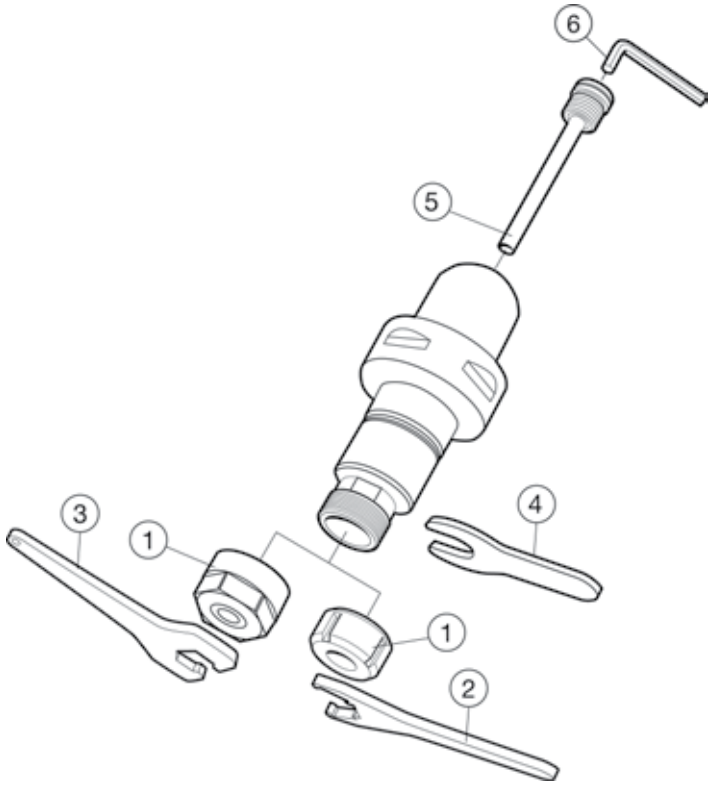
SynchroFlex®

H505

DORMER CAPTO | MICRO | 80 Bar | 496

size	ERC	ØY	ØX	ØD	ØD1	L1	L2	L3	tool code	e-Code
M4 - M12	ERC20	C4 - 40	4.0-10.0	34	35	91.6	106.5	35.3	C4-391.63-20 112	**H505391104**
M8 - M20	ERC25	C4 - 40	8.0-16.0	42	44	111.1	131.1	42.2	C4-391.63-25 131	**H505391105**
M4 - M12	ERC20	C5 - 50	4.0-10.0	34	35	93.6	113.6	35.3	C5-391.63-20 114	**H505391106**
M8 - M20	ERC25	C5 - 50	8.0-16.0	42	44	113.1	133.1	42.2	C5-391.63-25 133	**H505391107**



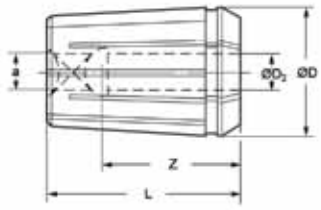
	e-code	(1) A	(2) B	(3) B	(4) B	(5) C	(6) D
H505	H505391104	H546553103		H543568101	H544568103	H548569100	H549302100
H505	H505391105	H546553104	H547568105		H544568104	H548569101	H549302100
H505	H505391106	H546553103		H543568101	H544568103	H548569100	H549302100
H505	H505391107	H546553104	H547568105		H544568104	H548569101	H549302100

A = matice, B = klíč, C = trubička chlazení, D = šroubovák / A = anya B = kulcs C = hűtőcsatorna D = kulcs / A=Nakrętka B=Klucz C=doprowadzenie chłodziwa D=Klucz / A = Piulita. B = Cheie fixa. C = tub fluid aschiere. D = Cheie / A = Гайка, B = Гаечный ключ, C = Канал для подачи СОЖ, D = Ключ / A=matica, B=ključ, C=hladilni kanal, D=ključ

H540

- ERC závitovací hlava
- ERC menetfúró patron
- Tulejka zaciskowa ERC
- Bucsa filetare ERC
- ERC Цанга
- Navojan puša tip ERC

NEW
2008.09



H540

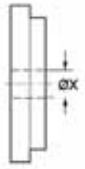
DIN 6499B

ERC	ØD2	a mm		DIN/ISO	ØD	L	Z	tool code	e-Code
ERC11	2.8	2.1	M 2 - M 2.5	DIN	11.3	18	12	393.14-11 D028X021	**H540393105**
ERC11	3.5	2.7	M 3 - M 5	DIN	11.3	18	14	393.14-11 D035X027	**H540393106**
ERC11	4.0	3.0	M 3.5	DIN	11.3	18	14	393.14-11 D040X030	**H540393107**
ERC11	4.0	3.15	M 4 - M 5	ISO	11.3	18	14	393.14-11 D040X0315	**H540393108**
ERC11	4.5	3.4	M 4 - M 6	DIN	11.3	18	14	393.14-11 D045X034	**H540393109**
ERC11	5.0	4.0	M 5	ISO	11.3	18	14	393.14-11 D050X040	**H540393110**
ERC11	6.0	4.9	M 5 - M 6 - M 8	DIN	11.3	18	14	393.14-11 D060X049	**H540393111**
ERC20	4.0	3.15	M 4 - M 5	ISO	20.8	31.5	18	393.14-20 D040X0315	**H540393112**
ERC20	4.5	3.4	M 4 - M 6	DIN	20.8	31.5	18	393.14-20 D045X034	**H540393113**
ERC20	5.0	4.0	M 5	ISO	20.8	31.5	18	393.14-20 D050X040	**H540393114**
ERC20	6.0	4.9	M 5 - M 6 - M 8	DIN	20.8	31.5	18	393.14-20 D060X049	**H540393115**
ERC20	6.3	5.0	M 6 - M 8	ISO	20.8	31.5	18	393.14-20 D063X050	**H540393116**
ERC20	7.0	5.5	M 7 - M 9 - M 10	DIN	20.8	31.5	18	393.14-20 D070x055	**H540393117**
ERC20	8.0	6.2/6.3	M 8 - M 10	DIN/ISO	20.8	31.5	22	393.14-20 D080X063	**H540393118**
ERC20	9.0	7.0/7.1	M 12	DIN/ISO	20.8	31.5	22	393.14-20 D090X071	**H540393119**
ERC20	10.0	8.0	M 10	ISO	20.8	31.5	25	393.14-20 D100X080	**H540393120**
ERC25	8.0	6.2/6.3	M 8 - M 10	DIN/ISO	25.8	34	18	393.14-25 D080X063	**H540393121**
ERC25	9.0	7.0/7.1	M 12	DIN/ISO	25.8	34	18	393.14-25 D090X071	**H540393122**
ERC25	10.0	8.0	M 10	ISO	25.8	34	18	393.14-25 D100X080	**H540393123**
ERC25	11.0	9.0	M 14	DIN	25.8	34	18	393.14-25 D110X090	**H540393124**
ERC25	11.2	9.0	M 14	ISO	25.8	34	18	393.14-25 D112X090	**H540393125**
ERC25	12.0	9.0	M 16	DIN	25.8	34	18	393.14-25 D120X090	**H540393126**
ERC25	12.5	10.0	M 16	ISO	25.8	34	22	393.14-25 D125X100	**H540393127**
ERC25	14.0	11.0/11.2	M 18 - M 20	DIN/ISO	25.8	34	22	393.14-25 D140X112	**H540393128**
ERC25	16.0	12.0	M 20	DIN	25.8	34	25	393.14-25 D160X120	**H540393129**

H541

- ERC kleština těsnící kroužek
- ERC patron tömítőgyűrű
- Pierścień uszczelniający tulejki zaciskowej ERC
- Disc etansare pentru bucsi ERC
- Уплотнительное кольцо для цанги ERC
- Prstan puše ERC

NEW
2008.09



H541

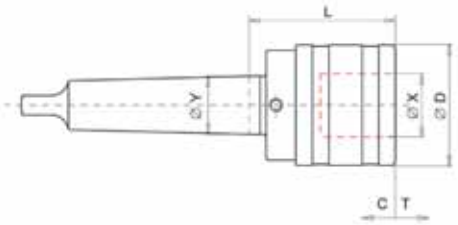
150 Bar

496

ERC	ØX	ØX	tool code	e-Code
ERC20	4.5 - 4.0	0.177 - 0.157	3920.00450	**H541392104**
ERC20	5.0 - 4.5	0.197 - 0.177	3920.00500	**H541392105**
ERC20	6.0 - 5.5	0.236 - 0.217	3920.00600	**H541392106**
ERC20	6.5 - 6.0	0.256 - 0.236	3920.00650	**H541392107**
ERC20	8.0 - 7.5	0.315 - 0.295	3920.00800	**H541392108**
ERC20	9.0 - 8.5	0.354 - 0.335	3920.00900	**H541392109**
ERC20	9.5 - 9.0	0.374 - 0.354	3920.00950	**H541392110**
ERC20	10.0 - 9.5	0.394 - 0.374	3920.01000	**H541392111**
ERC25	8.0 - 7.5	0.315 - 0.295	3925.00800	**H541392112**
ERC25	9.0 - 8.5	0.354 - 0.335	3925.00900	**H541392113**
ERC25	9.5 - 9.0	0.374 - 0.354	3925.00950	**H541392114**
ERC25	10.0 - 9.5	0.394 - 0.374	3925.01000	**H541392115**
ERC25	11.0 - 10.5	0.433 - 0.413	3925.01100	**H541392116**
ERC25	11.5 - 11.0	0.453 - 0.433	3925.01150	**H541392117**
ERC25	12.0 - 11.5	0.472 - 0.453	3925.01200	**H541392118**
ERC25	12.5 - 12.0	0.492 - 0.472	3925.01250	**H541392119**
ERC25	13.0 - 12.5	0.512 - 0.492	3925.01300	**H541392120**
ERC25	14.0 - 13.5	0.551 - 0.531	3925.01400	**H541392121**
ERC25	14.5 - 14.0	0.571 - 0.551	3925.01450	**H541392122**
ERC25	16.0 - 15.5	0.630 - 0.610	3925.01600	**H541392123**

H021 / H020

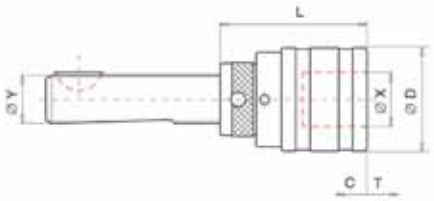
- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava



H021

size	ØY	ØX	ØD	L	C	T	e-Code
0	CM2	13	26	45	6.5	6.5	**H021326642**
1	CM2	19	36	47	7.5	7.5	**H021326643**
1	CM3	19	36	47	7.5	7.5	**H021326644**
2	CM3	31	53	71	12.5	12.5	**H021326645**

size	ØY	ØX	ØD	L	C	T	e-Code
2	CM4	31	53	72	12.5	12.5	**H021326646**
3	CM4	48	78	105	20	20	**H021326647**
3	CM5	48	78	105.5	20	20	**H021326648**



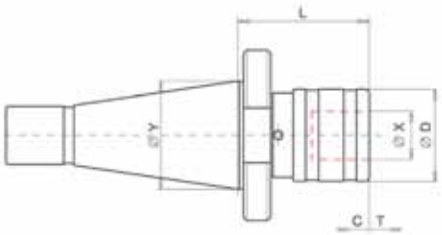
H020

size	ØY	ØX	ØD	L	C	T	e-Code
0	TR 16x1.5	13	26	50	6.5	6.5	**H020326617**
0	TR 20x2	13	26	50	6.5	6.5	**H020326618**
1	TR 16x1.5	19	36	52	7.5	7.5	**H020350802**
1	TR 20x2	19	36	52	7.5	7.5	**H020326619**
1	TR 28x2	19	36	52	7.5	7.5	**H020326620**
1	TR 36x2	19	36	54	7.5	7.5	**H020326621**

size	ØY	ØX	ØD	L	C	T	e-Code
2	TR 20x2	31	53	76	12.5	12.5	**H020326633**
2	TR 28x2	31	53	76	12.5	12.5	**H020326622**
2	TR 36x2	31	53	78	12.5	12.5	**H020326623**
3	TR 28x2	48	78	109	20	20	**H020926639**
3	TR 36x2	48	78	111	20	20	**H020326639**
3	TR 48x2	48	78	115	20	20	**H020326640**

H026

- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava



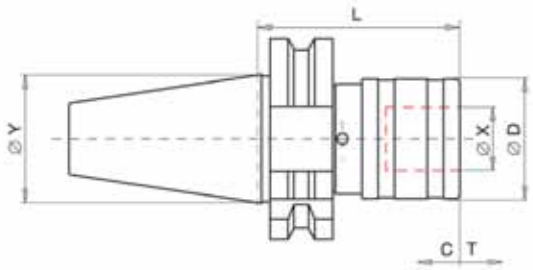
H026

size	ØY	ØX	ØD	L	C	T	e-Code
1	ISO 30	19	36	59	7.5	7.5	**H026326651**
1	ISO 40	19	36	50	7.5	7.5	**H026326652**
1	ISO 50	19	36	54	7.5	7.5	**H026926652**
2	ISO 30	31	53	97	12.5	12.5	**H026926653**

size	ØY	ØX	ØD	L	C	T	e-Code
2	ISO 40	31	53	78	12.5	12.5	**H026326653**
2	ISO 50	31	53	80	12.5	12.5	**H026326654**
3	ISO 40	48	78	143	20	20	**H026326655**
3	ISO 50	48	78	130	20	20	**H026326656**

H027

- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava



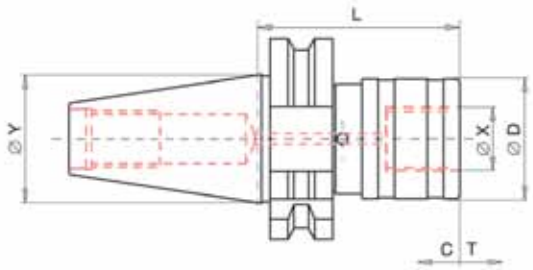
H027

size	ØY	ØX	ØD	L	C	T	e-Code
1	ISO 30	19	36	64	7.5	7.5	**H027368503**
1	ISO 40	19	36	60	7.5	7.5	**H027350837**
1	ISO 50	19	36	60	7.5	7.5	**H027967284**
2	ISO 40	31	53	98	12.5	12.5	**H027350839**

size	ØY	ØX	ØD	L	C	T	e-Code
2	ISO 45	31	53	84	12.5	12.5	**H027350840**
2	ISO 50	31	53	84	12.5	12.5	**H027350841**
3	ISO 40	48	78	150	20	20	**H027350842**
3	ISO 50	48	78	139	20	20	**H027350844**

H127

- GS/NCL-IK závitovací upínač s vnitřním chlazením
- GS/NCL-IK mandrina de filetare cu racire interna
- GS/NCL-IK Menetfúró befogó belső hűtéssel
- GS/NCL-IK резьбовой патрон с внутренним подводом СОЖ
- Uchwyt do Gwintowania z chlodzeniem wewnetrznym typu GS/NCL-IK
- GS/NCL-IK glava za rezanje navojev s hlajenjem



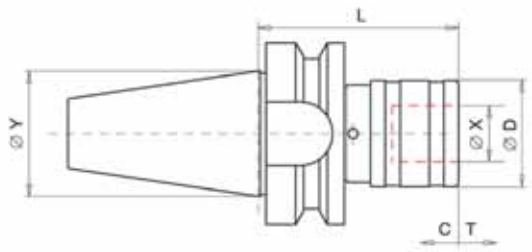
H127

size	ØY	ØX	ØD	L	C	T	e-Code
1	ISO 40 *	19	39	97	7.5	7.5	**H127301501**
1	ISO 50 *	19	39	97	7.5	7.5	**H127301502**
2	ISO 40 *	31	60	133	10	10	**H127301503**
2	ISO 50 *	31	60	133	10	10	**H127301504**

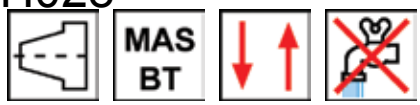
size	ØY	ØX	ØD	L	C	T	e-Code
3	ISO 40 *	48	86	192	17.5	17.5	**H127301505**
3	ISO 50 *	48	86	182	17.5	17.5	**H127301506**

H028

- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava



H028

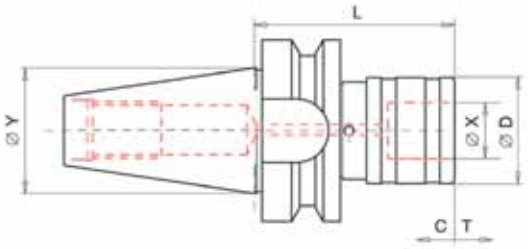


size	ØY	ØX	ØD	L	C	T	e-Code
1	ISO 30	19	36	62.5	7.5	7.5	**H028376353**
1	ISO 40	19	36	67.5	7.5	7.5	**H028376355**
2	ISO 40	31	53	94.5	12.5	12.5	**H028376357**
2	ISO 50	31	53	102.5	12.5	12.5	**H028376359**

size	ØY	ØX	ØD	L	C	T	e-Code
3	ISO 40	48	78	164	20	20	**H028376360**
3	ISO 50	48	78	142.5	20	20	**H028376362**

H128

- GS/NCL-IK závitovací upínač s vnitřním chlazením
- GS/NCL-IK mandrina de filetare cu racire interna
- GS/NCL-IK Menetfúró befogó belső hűtéssel
- GS/NCL-IK резьбовой патрон с внутренним подводом СОЖ
- Uchwyt do Gwintowania z chlodzeniem wewnetrznym typu GS/NCL-IK
- GS/NCL-IK glava za rezanje navojev s hlajenjem



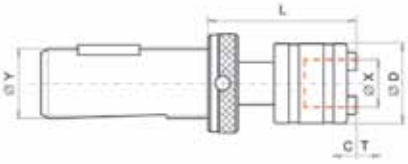
H128

size	ØY	ØX	ØD	L	C	T	e-Code
1	ISO 40	19	39	97	7.5	7.5	**H128301605**
1	ISO 50	19	39	97	7.5	7.5	**H128301610**
2	ISO 40	31	60	133	10	10	**H128301615**
2	ISO 50	31	60	133	10	10	**H128301620**

size	ØY	ØX	ØD	L	C	T	e-Code
3	ISO 40	48	86	192	17.5	17.5	**H128301625**
3	ISO 50	48	86	182	17.5	17.5	**H128301630**

H022

- GSLV/DZ Rychlovýměnné závitovací pouzdro
- GSLV/DZ Mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GSLV/DZ быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSLV/DZ
- GSLV/DZ Hitro izmenljiva navojna glava



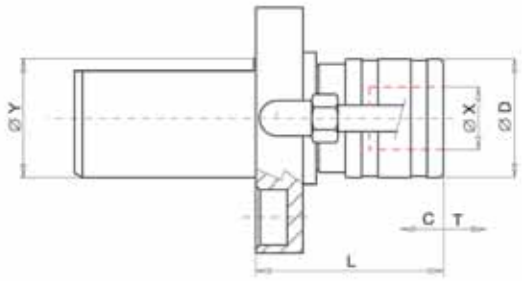
H022

size	ØY	ØX	ØD	L	C	T	e-Code
1	TR 28 x 2	19	32	65	20	20	**H022329334**
1	TR 36 x 2	19	32	67	20	20	**H022329335**
1	TR 48 x 2	19	32	71	20	20	**H022329336**
2	TR 36 x 2	31	50	80	20	25	**H022329402**

size	ØY	ØX	ØD	L	C	T	e-Code
2	TR 48 x 2	31	50	87	20	25	**H022329403**

H024

- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava

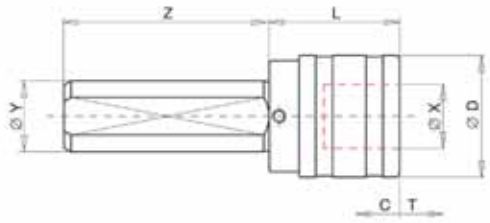


H024

size	ØY	ØX	ØD	L	C	T	flange code	e-Code
1	30	19	36	56	7.5	7.5	H024347641	**H024344742**
1	40	19	36	56	7.5	7.5	H024347642	**H024344743**
1	50	19	36	56	7.5	7.5	H024347643	**H024344744**
2	30	31	53	77	12.5	12.5	H024347641	**H024344745**
2	40	31	53	77	12.5	12.5	H024347642	**H024344746**
2	50	31	53	80	12.5	12.5	H024347643	**H024344747**
3	40	48	78	123	20	20	H024347642	**H024344748**
3	50	48	78	109	20	20	H024347643	**H024344749**

H023 / H042

- GS/NCL Rychlovýměnné závitovací pouzdro
- GS/NCL mandrina de filetare cu schimbare rapida
- GS/NLC Gyorscserés menetfúró tokmány
- GS/NCL быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania Typu GS/NLC
- GS/NCL Hitro izmenljiva navojna glava

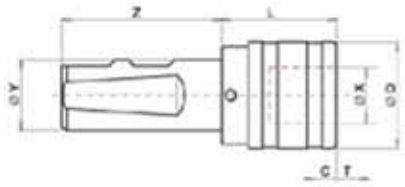


H023

DIN 1835A

size	ØY	ØX	ØD	L	z	C	T	e-Code
0	16	13	26	38	56	6.5	6.5	**H023394900** [4]
1	16	19	36	40	40	7.5	7.5	**H023393992** [4]
1	25	19	36	40	60	7.5	7.5	**H023394903**
1	32	19	36	40	60	7.5	7.5	**H023394904**

size	ØY	ØX	ØD	L	z	C	T	e-Code
2	25	31	53	64	60	12.5	12.5	**H023393994**
2	32	31	53	64	60	12.5	12.5	**H023394906**



H042

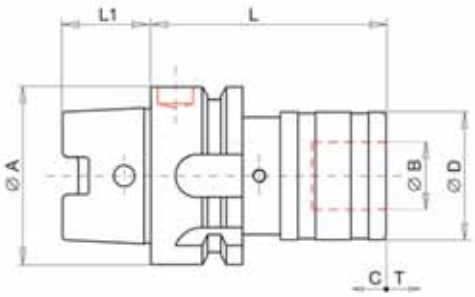
DIN 1835 B + E

size	ØY	ØX	ØD	L	z	C	T	e-Code
1	25	19	36	40	53	7.5	7.5	**H042253104**
2	25	31	53	63	53	12.5	12.5	**H042253108**

[4] bez plošky / aljzat nélkül / bez spłaszczenia / fara aplatizare / без плоскости / Brez

H037

- HSK System Rychlovýměnné závitovací pouzdro
- HSK Sistem cu mandrina de filetare cu schimbare rapida
- HSK rendszerű gyorscserés menetfúró tokmány
- Быстросменный резьбовой патрон с хвостовиком HSK
- Uchwyt do gwintowania szybkowymienny w systemie HSK
- HSK System hitro izmenljiva navojna glava



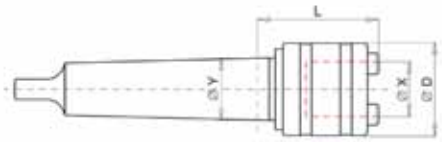
H037

size	ØA	L1	ØB	ØD	L	C	T	e-Code
1	HSK-50	25	19	39	72	7.5	7.5	**H037734252**
1	HSK-63	32	19	39	72	7.5	7.5	**H037734253**
1	HSK-100	50	19	39	80	7.5	7.5	**H037734254**
2	HSK-50	25	31	60	110	10	10	**H037734255**

size	ØA	L1	ØB	ØD	L	C	T	e-Code
2	HSK-63	32	31	60	110	10	10	**H037734256**
2	HSK-100	50	31	60	100	10	10	**H037734257**
3	HSK-63	32	48	86	141	17.5	17.5	**H037734258**
3	HSK-100	50	48	86	144	17.5	17.5	**H037734259**

H135 / H035

- GS Rychlovýměnné závitovací pouzdro
- GS Mandrina de filetare cu schimbare rapida
- GS Gyorscserés menetfúró tokmány
- GS быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania GS
- GS Hitro izmenljiva navojna glava

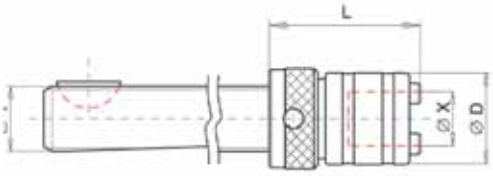


H135

DIN 228 B

size	ØY	ØX	ØD	L	e-Code
0	CM 1	13	23	39	**H135332113**
0	CM 2	13	23	40	**H135358898**
1	CM 1	19	32	43	**H135329138**
1	CM 2	19	32	44	**H135329139**
1	CM 3	19	32	44	**H135329140**
2	CM 2	31	50	61	**H135329141**

size	ØY	ØX	ØD	L	e-Code
2	CM 3	31	50	61	**H135329142**
2	CM 4	31	50	62	**H135329143**
3	CM 3	48	72	90	**H135329144**
3	CM 4	48	72	91	**H135329145**



H035

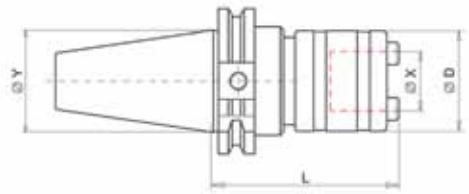
DIN 6327

size	ØY	ØX	ØD	L	e-Code
0	TR 16 x 1.5	13	23	45	**H035332112**
0	TR 20 x 2	13	23	45	**H035358897**
1	TR 16 x 1.5	19	32	49	**H035329128**
1	TR 20 x 2	19	32	49	**H035329129**

size	ØY	ØX	ØD	L	e-Code
1	TR 28 x 2	19	32	49	**H035329130**
2	TR 20 x 2	31	50	66	**H035329131**
2	TR 28 x 2	31	50	66	**H035329132**

H635 / H735

- GS Rychlovýměnné závitovací pouzdro
- GS Mandrina de filetare cu schimbare rapida
- GS Gyorscserés menetfúró tokmány
- GS быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do Gwintowania GS
- GS Hitro izmenljiva navojna glava

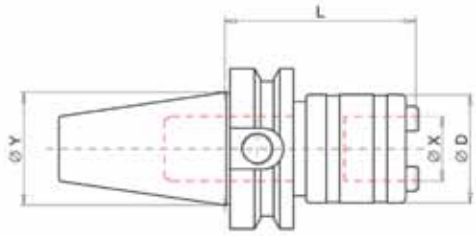


H635

DIN 69871

size	ØY	ØX	ØD	L	e-Code
1	ISO 40	19	32	56	**H635045044**
1	ISO 50	19	32	56	**H635045046**

size	ØY	ØX	ØD	L	e-Code
2	ISO 40	31	50	73	**H635045048**
2	ISO 50	31	50	73	**H635045050**



H735

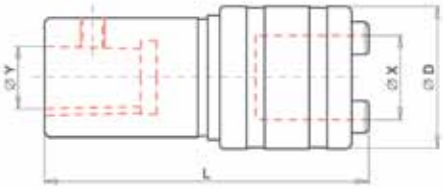
MAS BT

size	ØY	ØX	ØD	L	e-Code
1	ISO 40	19	32	64	**H735065044**
1	ISO 50	19	32	75	**H735065046**

size	ØY	ØX	ØD	L	e-Code
2	ISO 40	31	50	81	**H735065048**
2	ISO 50	31	50	92	**H735065050**

H235

- GS Rychlovýměnné závitovací pouzdro
- GS Gyorscserés menetfúró tokmány
- Szybko Wymienny Uchwyt do Gwintowania GS
- GS Mandrina de filetare cu schimbare rapida
- GS быстросменный резьбовой патрон
- GS Hitro izmenljiva navojna glava



H235

DIN 238

size	ØY	ØX	ØD	L	e-Code
0	B 10	13	23	51	**H235358899**
0	B 12	13	23	55	**H235332114**
1	B 12	19	32	59	**H235329148**
1	B 16	19	32	65	**H235329150**
1	B 18	19	32	73	**H235329151**
2	B 16	31	50	84	**H235329152**

size	ØY	ØX	ØD	L	e-Code
2	B 18	31	50	92	**H235329153**
2	B 22	31	50	101	**H235329154**
3	B 22	48	72	126	**H235329155**
3	B 24	48	72	136	**H235329156**

H130 / H030

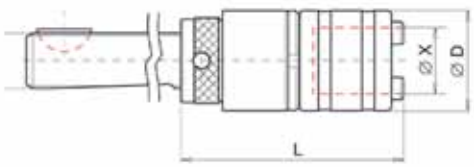
- GSP Rychlovýměnné závitovací pouzdro
- GSP Mandrina de filetare cu schimbare rapida
- GS Gyorscserés menetfúró tokmány
- GSP быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSP
- GSP Hitro izmenljiva navojna glava

H130

DIN 228 B

size	ØY	ØX	ØD	L	r clearance	e-Code
0	CM 1	13	23	59	0.25	**H130332131**
0	CM 2	13	23	60	0.25	**H130358893**
1	CM 1	19	32	64	0.5	**H130329110**
1	CM 2	19	32	65	0.5	**H130329111**

size	ØY	ØX	ØD	L	r clearance	e-Code
1	CM 3	19	32	65	0.5	**H130329112**
2	CM 2	31	50	91	1	**H130329113**
2	CM 3	31	50	91	1	**H130329114**
2	CM 4	31	50	92	1	**H130329115**



H030

DIN 6327

size	ØY	ØX	ØD	L	r clearance	e-Code
0	TR 16 x 1.5	13	23	65	0.25	**H030332130**
0	TR 20 x 2	13	23	65	0.25	**H030357490**
1	TR 16 x 1.5	19	32	70	0.5	**H030329100**
1	TR 20 x 2	19	32	70	0.5	**H030329101**

size	ØY	ØX	ØD	L	r clearance	e-Code
1	TR 28 x 2	19	32	70	0.5	**H030329102**
2	TR 20 x 2	31	50	96	1	**H030329103**
2	TR 28 x 2	31	50	96	1	**H030329104**

H230

- GSP Rychlovýměnné závitovací pouzdro
- GSP Mandrina de filetare cu schimbare rapida
- GSP Gyorscserés menetfúró tokmány
- GSP быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSP
- GSP Hitro izmenljiva navojna glava

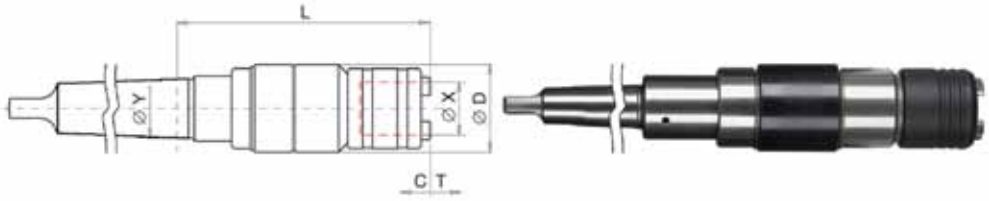
H230

size	ØY	ØX	ØD	L	r clearance	e-Code
0	B 10	13	23	72	0.25	**H230358896**
0	B 12	13	23	76	0.25	**H230332132**
1	B 12	19	32	79	0.5	**H230329120**
1	B 16	19	32	85	0.5	**H230329121**

size	ØY	ØX	ØD	L	r clearance	e-Code
1	B 18	19	32	95	0.5	**H230329122**
2	B 16	31	50	112	1	**H230329123**
2	B 18	31	50	119	1	**H230329124**
2	B 22	31	50	129	1	**H230329125**

H225 / H125

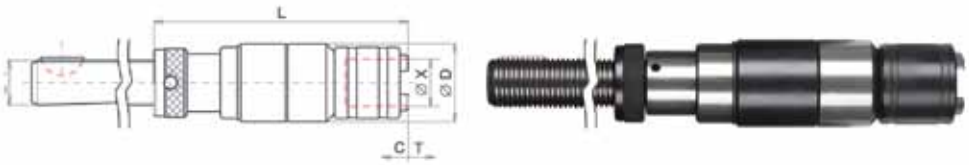
- GSL/DZ Rychlovýměnné závitovací pouzdro
- GSL/DZ Mandrina de filetare cu schimbare rapida
- GLS/DZ Gyorscserés menetfúró tokmány
- GSL/DZ быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSL/DZ
- GSL/DZ Hitro izmenljiva navojna glava



H225

size	ØY	ØX	ØD	L	C	T	e-Code
0	CM 1	13	23	111	20	10	**H225329243**
0	CM 1	13	23	106	15	15	**H225329244**
1	CM 2	19	35	144	30	10	**H225329245**
1	CM 2	19	35	134	20	20	**H225329246**

size	ØY	ØX	ØD	L	C	T	e-Code
2	CM 3	31	50	168	30	10	**H225329247**
2	CM 3	31	50	158	20	20	**H225329248**



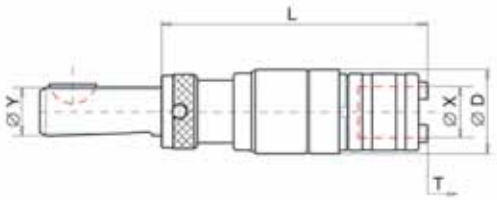
H125

size	ØY	ØX	ØD	L	C	T	e-Code
0	TR 16 x 1.5	13	23	117	20	10	**H125329233**
0	TR 16 x 1.5	13	23	112	15	15	**H125329234**
0	TR 20 x 2	13	23	112	15	15	**H125337655**
1	TR 16 x 1.5	19	35	139	20	20	**H125955003**
1	TR 16 x 1.5	19	35	149	30	10	**H125955004**
1	TR 20 x 2	19	35	149	30	10	**H125329235**
1	TR 20 x 2	19	35	139	20	20	**H125329236**
1	TR 28 x 2	19	35	139	20	20	**H125955006**

size	ØY	ØX	ØD	L	C	T	e-Code
2	TR 20 x 2	31	50	163	20	20	**H125955011**
2	TR 28 x 2	31	50	173	30	10	**H125329237**
2	TR 28 x 2	31	50	163	20	20	**H125329238**
3	TR 28 x 2	48	72	219	30	10	**H125329239**
3	TR 28 x 2	48	72	209	20	20	**H125329240**

H426

- GSLP/Z Rychlovýměnné závitovací pouzdro
- GSLP/Z Mandrina de filetare cu schimbare rapida
- GSLP/Z Gyorscserés menetfúró tokmány
- GSLP/Z быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSLP/Z
- GSLP/Z Hitro izmenljiva navojna glava

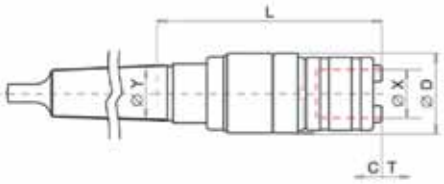


H426

size	ØY	ØX	ØD	L	C	T	r clearance	e-Code
0	TR 16 x 1.5	13	23	119	0	30	0.25	**H426950101**
0	TR 20 x 2	13	23	119	0	30	0.25	**H426950102**
1	TR 16 x 1.5	19	35	134	0	40	0.5	**H426950103**
1	TR 20 x 2	19	35	134	0	40	0.5	**H426950106**
1	TR 28 x 2	19	35	134	0	40	0.5	**H426950112**
2	TR 20 x 2	31	50	168	0	40	1	**H426950126**
2	TR 28 x 2	31	50	168	0	40	1	**H426950115**
2	TR 36 x 2	31	50	170	0	40	1	**H426950117**
3	TR 36 x 2	48	72	226	0	40	1.5	**H426950122**

H525 / H425

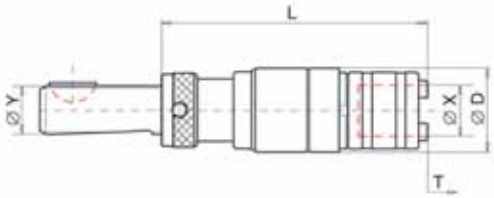
- GSLP/DZ Rychlovýměnné závitovací pouzdro
- GSLP/DZ Mandrina de filetare cu schimbare rapida
- GSLP/DZ Gyorscserés menetfúró tokmány
- GSLP/DZ быстросменный резьбовой патрон
- Szybko Wymienny Uchwyt do gwintowania Typu GSLP/DZ
- GSLP/DZ Hitro izmenljiva navojna glava



H525

DIN 228 B

size	ØY	ØX	ØD	L	C	T	r clearance	e-Code
0	CM 1	13	23	133	20	10	0.25	**H525329215**
0	CM 1	13	23	128	15	15	0.25	**H525329216**
1	CM 2	19	35	159	30	10	0.5	**H525329217**
1	CM 2	19	35	149	20	20	0.5	**H525329218**
1	CM 3	19	35	149	20	20	0.5	**H525950163**
1	CM 3	19	35	159	30	10	0.5	**H525950164**
2	CM 3	31	50	193	30	10	1	**H525329219**
2	CM 3	31	50	183	20	20	1	**H525329220**



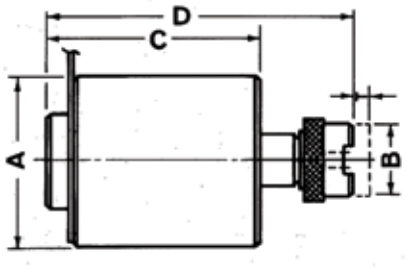
H425

DIN 6327

size	ØY	ØX	ØD	L	C	T	r clearance	e-Code
0	TR 16 x 1.5	13	23	139	20	10	0.25	**H425329205**
0	TR 16 x 1.5	13	23	134	15	15	0.25	**H425329206**
0	TR 20 x 2	13	23	134	15	15	0.25	**H425357486**
1	TR 16 x 1.5	19	35	154	20	20	0.5	**H425357487**
1	TR 16 x 1.5	19	35	164	30	10	0.5	**H425957487**
1	TR 20 x 2	19	35	164	30	10	0.5	**H425329207**
1	TR 20 x 2	19	35	154	20	20	0.5	**H425329208**
1	TR 28 x 2	19	35	154	20	20	0.5	**H425357488**
1	TR 28 x 2	19	35	164	30	10	0.5	**H425357489**
2	TR 20 x 2	31	50	188	20	20	1	**H425344947**
2	TR 20 x 2	31	50	198	30	10	1	**H425344948**
2	TR 28 x 2	31	50	188	20	20	1	**H425329210**
2	TR 28 x 2	31	50	198	30	10	1	**H425329209**
2	TR 36 x 2	31	50	190	20	20	1	**H425950118**
3	TR 36 x 2	48	72	256	30	10	1.5	**H425329211**
3	TR 36 x 2	48	72	246	20	20	1.5	**H425329212**

H060

- RET samoreverzní závitovací příslušenství
- RET Dispozitic de filetare autoreversibil
- RET Menetfúró befogó egy forgásirányú gépekhez (beépített irányváltóval)
- RET резьбовой патрон с реверсом
- Samowycofujacy Uchwyt do gwintowania typu RET
- RET Glava za navoje

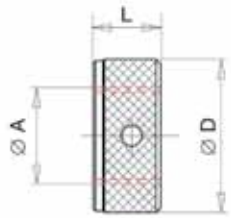


H060

article	DIM	int. attachment	A	B	C	D	T	e-Code
RET 312	M3-M12	B16	69	27	98	139	5	**H060541005**
Cono Morse MK 2								**H060541020**
Cono Morse MK 3								**H060541021**
RET 520	M5-M20	B18	76	36	107	170	7	**H060542007**
Cono Morse MK 3								**H060542020**
Cono Morse MK 4								**H060542021**

H115

- GH stavitelná matice
- GH Állítható anya
- Nakretka Nastawna GH
- GH Piulita reglabila
- GH регулировочная гайка
- GH matica



H115

ØA	ØD	L	e-Code
12 x 1.5	19.7	12	**H115120000**
16 x 1.5	24.6	12	**H115160000**
20 x 2	31.6	12	**H115200000**
25 x 2	36.6	12	**H115250000**

ØA	ØD	L	e-Code
28 x 2	39.6	12	**H115280000**
32 X 2	44.6	12	**H115320000**
36 x 2	49.6	14	**H115360000**
48 X 2	66.6	18	**H115480000**

H362

- GER Er-Mini kleština převlečná maticet
- GER Er-Mini penseta cu filet
- GER ER-Mini patron szorítóanya
- GER Er-Минигайка для цангового патрона
- Nakretka kolpakowa z tulejka zaciskowa GER
- GER za Er-Mini puše

H362

type	ØD	ØC	L	e-Code
ER 8M	12	M10x0.75	11	**H362908100**
ER 11M	16	M13x0.75	11	**H362911100**
ER 16M	22	M19x1	17	**H362916100**
ER 20M	28	M24x1	19	**H362920100**

type	ØD	ØC	L	e-Code
ER 25M	35	M30x1	20	**H362925100**

H462

- GER standardní Er kleština převlečná matice
- GER Standard Er penseta cu filet
- GER Standard ER patron szorítóanya
- GER -стандартная гайка для цангового патрона
- Standardowa nakretka kolpakowa z tulejka zaciskowa GER
- GER za Er puše

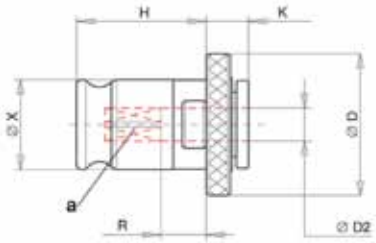
H462

type	ØD	C	L	e-Code
ER 11	19	M14x0.75	11	**H462911120**
ER 16	28	M22x1.5	17.5	**H462916120**
ER 20	34	M25x1.5	19	**H462920120**
ER 25	42	M32x1.5	20	**H462925120**

type	ØD	C	L	e-Code
ER 32	50	M40x1.5	22.5	**H462932120**
ER 40	63	M50x1.5	25.5	**H462940120**

H050

- SE rychlovýměnný adaptér
- Adapter a gyorscserés befogóhoz - SE
- Szybkowymienny uchwyt do gwintowania typu SE
- SE adaptor cu schimbare rapida pentru tarozi
- SE быстросменный метчиковый переходник
- SE Nastavek



H050

ØD2	a mm	DIN/ISO	type	ØX	ØD	H	K	R	tool code	e-Code
2.5	2.1	DIN	SE-0	13	22	19.5	7	8		**H050389100**
2.8	2.1	DIN	SE-0	13	22	19.5	7	8		**H050389101**
3.5	2.7	DIN	SE-0	13	22	19.5	7	8		**H050389103**
4.0	3.0	DIN	SE-0	13	22	19.5	7	8		**H050389105**
4.5	3.4	DIN	SE-0	13	22	19.5	7	8		**H050389107**
6.0	4.9	DIN	SE-0	13	22	19.5	7	8		**H050389109**
7.0	5.5	DIN	SE-0	13	22	19.5	7	8		**H050389111**
8.0	6.2	DIN	SE-0	13	22	19.5	7	8		**H050932110**
3.5	2.7	DIN	SE-1	19	30	21.5	7	10		**H050389115**
4.0	3.0	DIN	SE-1	19	30	21.5	7	10		**H050389117**
4.5	3.4	DIN	SE-1	19	30	21.5	7	10	393.03-SE1 D045X034	**H050389119**
6.0	4.9	DIN	SE-1	19	30	21.5	7	10	393.03-SE1 D060X049	**H050389121**
7.0	5.5	DIN	SE-1	19	30	21.5	7	10	393.03-SE1 D070X055	**H050389123**
8.0	6.2	DIN	SE-1	19	30	21.5	7	10	393.03-SE1 D080X062	**H050932121**
9.0	7.0	DIN	SE-1	19	30	21.5	7	10	393.03-SE1 D090X070	**H050932122**
10.0	8.0	DIN/ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D100X080	**H050389126**
11.0	9.0	DIN	SE-1	19	30	21.5	7	10		**H050326616**
7.0	5.5	DIN	SE-2	31	48	35	11	19	393.03-SE2 D070X055	**H050389129**
8.0	6.2	DIN	SE-2	31	48	35	11	19	393.03-SE2 D080X062	**H050749122**
9.0	7.0	DIN	SE-2	31	48	35	11	19	393.03-SE2 D090X070	**H050749123**
10.0	8.0	DIN/ISO	SE-2	31	48	35	11	19	393.03-SE2 D100X080	**H050389132**
11.0	9.0	DIN	SE-2	31	48	35	11	19	393.03-SE2 D110X090	**H050389133**
12.0	9.0	DIN	SE-2	31	48	35	11	19	393.03-SE2 D120X090	**H050389135**
14.0	11.0	DIN	SE-2	31	48	35	11	19	393.03-SE2 D140X110	**H050389137**
16.0	12.0	DIN	SE-2	31	48	35	11	19	393.03-SE2 D160X120	**H050389139**
18.0	14.5	DIN	SE-2	31	48	35	11	19		**H050389365**
11.0	9.0	DIN	SE-3	48	70	55.5	14	30		**H050389141**
12.0	9.0	DIN	SE-3	48	70	55.5	14	30		**H050389143**
14.0	11.0	DIN	SE-3	48	70	55.5	14	30		**H050389145**
16.0	12.0	DIN	SE-3	48	70	55.5	14	30		**H050389147**
18.0	14.5	DIN	SE-3	48	70	55.5	14	30		**H050389150**
20.0	16.0	DIN/ISO	SE-3	48	70	55.5	14	30		**H050389151**
22.0	18.0	DIN	SE-3	48	70	55.5	14	30		**H050389152**
25.0	20.0	DIN/ISO	SE-3	48	70	55.5	14	30		**H050389154**
28.0	22.0	DIN	SE-3	48	70	55.5	14	30		**H050600282**
2.5	2.0	ISO	SE-0	13	22	19.5	7	8		**H050932107**
2.8	2.24	ISO	SE-0	13	22	19.5	7	8		**H050932109**
3.15	2.5	ISO	SE-0	13	22	19.5	7	8		**H050389102**
3.55	2.8	ISO	SE-0	13	22	19.5	7	8		**H050389104**
4.0	3.15	ISO	SE-0	13	22	19.5	7	8		**H050389106**
4.5	3.55	ISO	SE-0	13	22	19.5	7	8		**H050932106**
5.0	4.0	ISO	SE-0	13	22	19.5	7	8		**H050389108**
5.6	4.5	ISO	SE-0	13	22	19.5	7	8		**H050932112**
6.3	5.0	ISO	SE-0	13	22	19.5	7	8		**H050389110**
7.1	5.6	ISO	SE-0	13	22	19.5	7	8		**H050932111**
8.0	6.3	ISO	SE-0	13	22	19.5	7	8		**H050607828**
3.55	2.8	ISO	SE-1	19	30	21.5	7	10		**H050389116**
4.0	3.15	ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D040X031	**H050389118**

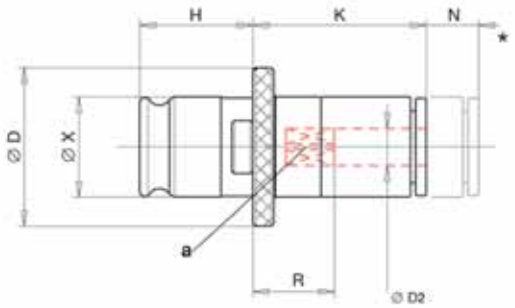
H050

ØD2	a mm	DIN/ISO	type	ØX	ØD	H	K	R	tool code	e-Code
4.5	3.55	ISO	SE-1	19	30	21.5	7	10		**H050932123**
5.0	4.0	ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D050X040	**H050389120**
5.6	4.5	ISO	SE-1	19	30	21.5	7	10		**H050932124**
6.3	5.0	ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D063X050	**H050389122**
7.1	5.6	ISO	SE-1	19	30	21.5	7	10		**H050932126**
8.0	6.3	ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D080X063	**H050389124**
9.0	7.1	ISO	SE-1	19	30	21.5	7	10	393.03-SE1 D090X071	**H050389125**
11.2	9.0	ISO	SE-1	19	30	21.5	7	10		**H050932129**
7.1	5.6	ISO	SE-2	31	48	35	11	19		**H050929129**
8.0	6.3	ISO	SE-2	31	48	35	11	19	393.03-SE2 D080X063	**H050389130**
9.0	7.1	ISO	SE-2	31	48	35	11	19	393.09-SE2 D090X071	**H050389131**
11.2	9.0	ISO	SE-2	31	48	35	11	19	393.03-SE2 D112X090	**H050389134**
12.5	10.0	ISO	SE-2	31	48	35	11	19	393.03-SE2 D125X100	**H050389136**
14.0	11.2	ISO	SE-2	31	48	35	11	19	393.03-SE2 D140X112	**H050389138**
16.0	12.5	ISO	SE-2	31	48	35	11	19		**H050389140**
18.0	14.0	ISO	SE-2	31	48	35	11	19		**H050389364**
11.2	9.0	ISO	SE-3	48	70	55.5	14	30		**H050389142**
12.5	10.0	ISO	SE-3	48	70	55.5	14	30		**H050389144**
14.0	11.2	ISO	SE-3	48	70	55.5	14	30		**H050389146**
16.0	12.5	ISO	SE-3	48	70	55.5	14	30		**H050389148**
18.0	14.0	ISO	SE-3	48	70	55.5	14	30		**H050389149**
22.4	18.0	ISO	SE-3	48	70	55.5	14	30		**H050389153**
28.0	22.4	ISO	SE-3	48	70	55.5	14	30		**H050600281**
4.27	3.33	ANSI	SE-0	13	22	19.5	7	8		**H050830010**
4.93	3.86	ANSI	SE-0	13	22	19.5	7	8		**H050830011**
5.59	4.19	ANSI	SE-0	13	22	19.5	7	8		**H050830012**
6.48	4.85	ANSI	SE-0	13	22	19.5	7	8		**H050830013**
8.08	6.05	ANSI	SE-0	13	22	19.5	7	8		**H050830014**
3.58	2.79	ANSI	SE-1	19	30	21.5	7	10		**H050830015**
4.27	3.33	ANSI	SE-1	19	30	21.5	7	10		**H050830016**
4.93	3.86	ANSI	SE-1	19	30	21.5	7	10		**H050830017**
5.59	4.19	ANSI	SE-1	19	30	21.5	7	10		**H050830018**
6.48	4.85	ANSI	SE-1	19	30	21.5	7	10		**H050830019**
8.08	6.05	ANSI	SE-1	19	30	21.5	7	10		**H050830020**
8.20	6.15	ANSI	SE-1	19	30	21.5	7	10		**H050830021**
9.32	6.99	ANSI	SE-1	19	30	21.5	7	10		**H050830022**
9.68	7.26	ANSI	SE-1	19	30	21.5	7	10		**H050830023**
10.90	8.18	ANSI	SE-1	19	30	21.5	7	10		**H050830024**
4.93	3.86	ANSI	SE-2	31	48	35	11	19		**H050830025**
6.48	4.85	ANSI	SE-2	31	48	35	11	19		**H050830026**
8.08	6.05	ANSI	SE-2	31	48	35	11	19		**H050830027**
8.20	6.15	ANSI	SE-2	31	48	35	11	19		**H050830028**
9.32	6.99	ANSI	SE-2	31	48	35	11	19		**H050830029**
9.68	7.26	ANSI	SE-2	31	48	35	11	19		**H050830030**
10.90	8.18	ANSI	SE-2	31	48	35	11	19		**H050830031**
12.19	9.14	ANSI	SE-2	31	48	35	11	19		**H050830032**
14.99	11.23	ANSI	SE-2	31	48	35	11	19		**H050830033**
17.70	13.28	ANSI	SE-2	31	48	35	11	19		**H050830034**
14.99	11.23	ANSI	SE-3	48	70	55.5	14	30		**H050830035**
17.70	13.28	ANSI	SE-3	48	70	55.5	14	30		**H050830036**
20.32	15.24	ANSI	SE-3	48	70	55.5	14	30		**H050830037**
22.76	17.07	ANSI	SE-3	48	70	55.5	14	30		**H050830038**
25.93	19.46	ANSI	SE-3	48	70	55.5	14	30		**H050830039**
28.14	21.11	ANSI	SE-3	48	70	55.5	14	30		**H050830040**

H250

DORMER

- SEN rychlovýměnný adaptér se stavitelnou délkou
- SEN adaptor cu schimbare rapida pentru tarozi cu lungime reglabila
- Adapter a gyorscserés befogóhoz hosszkiegyenlítővel - SEN
- SEN Быстросменный метчиковый переходник с регулируемой длиной
- Szybkowymienna oprawka typu SEN z mozliwoscia ustawienia dlugosci
- SEN adapter z nastavitvijo dolžine



H250

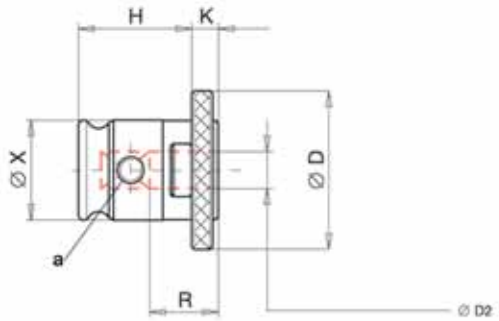
ØD2	a mm	DIN/ISO	type	ØX	ØD	H	K	N	R	e-Code
2.5	2.1	DIN	SEN-0	13	22	19.5	28	8	13	**H250389164**
2.8	2.1	DIN	SEN-0	13	22	19.5	28	8	13	**H250389165**
3.5	2.7	DIN	SEN-0	13	22	19.5	28	8	13	**H250389167**
4	3	DIN	SEN-0	13	22	19.5	28	8	13	**H250389170**
4.5	3.4	DIN	SEN-0	13	22	19.5	28	8	13	**H250389172**
6	4.9	DIN	SEN-0	13	22	19.5	28	8	13	**H250389175**
7	5.5	DIN	SEN-0	13	22	19.5	28	8	13	**H250389177**
3.5	2.7	DIN	SEN-1	19	30	21.5	34	10	16	**H250389181**
4	3	DIN	SEN-1	19	30	21.5	34	10	16	**H250389183**
4.5	3.4	DIN	SEN-1	19	30	21.5	34	10	16	**H250389185**
6	4.9	DIN	SEN-1	19	30	21.5	34	10	16	**H250389187**
7	5.5	DIN	SEN-1	19	30	21.5	34	10	16	**H250389189**
8	6.2	DIN	SEN-1	19	30	21.5	34	10	16	**H250759109**
9	7	DIN	SEN-1	19	30	21.5	34	10	16	**H250759110**
10	8	DIN/ISO	SEN-1	19	30	21.5	34	10	16	**H250389192**
11	9	DIN	SEN-1	19	30	21.5	34	10	16	**H250344949**
7	5.5	DIN	SEN-2	31	48	35	60	15	29	**H250389195**
8	6.2	DIN	SEN-2	31	48	35	60	15	29	**H250607730**
9	7	DIN	SEN-2	31	48	35	60	15	29	**H250607731**
10	8	DIN/ISO	SEN-2	31	48	35	60	15	29	**H250389198**
11	9	DIN	SEN-2	31	48	35	60	15	29	**H250389199**
12	9	DIN	SEN-2	31	48	35	60	15	29	**H250389201**
14	11	DIN	SEN-2	31	48	35	60	15	29	**H250389203**
16	12	DIN	SEN-2	31	48	35	60	15	29	**H250389205**
18	14.5	DIN	SEN-2	31	48	35	60	15	29	**H250389363**
11	9	DIN	SEN-3	48	70	55.5	83	25	38	**H250389207**
12	9	DIN	SEN-3	48	70	55.5	83	25	38	**H250389209**
14	11	DIN	SEN-3	48	70	55.5	83	25	38	**H250389211**
16	12	DIN	SEN-3	48	70	55.5	83	25	38	**H250389213**
18	14.5	DIN	SEN-3	48	70	55.5	83	25	38	**H250389216**
20	16	DIN/ISO	SEN-3	48	70	55.5	83	25	38	**H250389217**
22	18	DIN	SEN-3	48	70	55.5	83	25	38	**H250389218**
25	20	DIN/ISO	SEN-3	48	70	55.5	83	25	38	**H250389220**
28	22	DIN	SEN-3	48	70	55.5	83	25	38	**H250607831**
3.15	2.5	ISO	SEN-0	13	22	19.5	28	8	13	**H250389166**
3.55	2.8	ISO	SEN-0	13	22	19.5	28	8	13	**H250389168**
4	3.15	ISO	SEN-0	13	22	19.5	28	8	13	**H250389171**
4.5	3.55	ISO	SEN-0	13	22	19.5	28	8	13	**H250979172**
5	4	ISO	SEN-0	13	22	19.5	28	8	13	**H250389173**
5.6	4.5	ISO	SEN-0	13	22	19.5	28	8	13	**H250979173**
6.3	5	ISO	SEN-0	13	22	19.5	28	8	13	**H250389176**
7.1	5.6	ISO	SEN-0	13	22	19.5	28	8	13	**H250989177**
3.55	2.8	ISO	SEN-1	19	30	21.5	34	10	16	**H250389182**
4	3.15	ISO	SEN-1	19	30	21.5	34	10	16	**H250389184**
4.5	3.55	ISO	SEN-1	19	30	21.5	34	10	16	**H250759105**
5	4	ISO	SEN-1	19	30	21.5	34	10	16	**H250389186**
5.6	4.5	ISO	SEN-1	19	30	21.5	34	10	16	**H250759106**
6.3	5	ISO	SEN-1	19	30	21.5	34	10	16	**H250389188**

H250

ØD2	a mm	DIN/ISO	type	ØX	ØD	H	K	N	R	e-Code
7.1	5.6	ISO	SEN-1	19	30	21.5	34	10	16	**H250759111**
8	6.3	ISO	SEN-1	19	30	21.5	34	10	16	**H250389190**
9	7.1	ISO	SEN-1	19	30	21.5	34	10	16	**H250389191**
11.2	9	ISO	SEN-1	19	30	21.5	34	10	16	**H250944949**
7.1	5.6	ISO	SEN-2	31	48	35	60	15	29	**H250607729**
8	6.3	ISO	SEN-2	31	48	35	60	15	29	**H250389196**
9	7.1	ISO	SEN-2	31	48	35	60	15	29	**H250389197**
11.2	9	ISO	SEN-2	31	48	35	60	15	29	**H250389200**
12.5	10	ISO	SEN-2	31	48	35	60	15	29	**H250389202**
14	11.2	ISO	SEN-2	31	48	35	60	15	29	**H250389204**
16	12.5	ISO	SEN-2	31	48	35	60	15	29	**H250389206**
18	14	ISO	SEN-2	31	48	35	60	15	29	**H250607830**
11.2	9	ISO	SEN-3	48	70	55.5	83	25	38	**H250389208**
12.5	10	ISO	SEN-3	48	70	55.5	83	25	38	**H250389210**
14	11.2	ISO	SEN-3	48	70	55.5	83	25	38	**H250389212**
16	12.5	ISO	SEN-3	48	70	55.5	83	25	38	**H250389214**
18	14	ISO	SEN-3	48	70	55.5	83	25	38	**H250389215**
22.4	18	ISO	SEN-3	48	70	55.5	83	25	38	**H250389219**

H650

- SEK rychlovýměnný adaptér s úchopným upínáním
- Port tarod SEK cu schimbare rapida cu strangere cu surub a tarodului
- Szorítócsavarral ellátott adapter a gyorscserés befogóhoz - SEK
- SEK Быстросменный метчиковый переходник с винтовым креплением
- Szybkowymienny uchwyt do gwintownika, typ SEK. Mocowanie gwintownika za pomoca sruby dociskowej
- SEK Hitro izmenljiva navojna glava

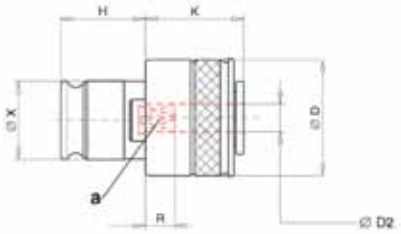


H650

ØD2	a mm	DIN/ISO	type	ØX	ØD	H	K	R	e-Code
12	9	DIN	SEK-1	19	30	21.5	4	13	**H650600272**
20	16	DIN/ISO	SEK-2	31	48	35	5	20	**H650600280**
22	18	DIN	SEK-2	31	48	35	5	20	**H650600281**
32	24	DIN	SEK-3	48	70	55.5	6	36	**H650600283**
36	29	DIN	SEK-3	48	70	55.5	6	36	**H650600284**
12.5	10	ISO	SEK-1	19	30	21.5	4	13	**H6506002740**

H150

- SES rychlovýměnný adaptér s bezpečnostní spojkou
- SES adaptor cu ambreiaj si schimbare rapida pentru tarozi
- Adapter a gyorscserés befogóhoz biztonsági kapcsolóval - SES
- SES Быстросменный метчиковый переходник с предохранительной муфтой
- Szybkowymienna oprawka ze sprzeglem przeciazeniowym typu SES
- SES Hitro izmenljiva navojna glava z varovalom



H150

ØD2	a mm		DIN/ISO	type	ØX	ØD	H	K	R	tool code	e-Code
2.5	2.1	M 1.8	DIN	SES-0	13	23	19.5	21	6		**H150389230**
2.8	2.1	M 2	DIN	SES-0	13	23	19.5	21	6		**H150389231**
2.8	2.1	M 2.2	DIN	SES-0	13	23	19.5	21	6		**H150748500**
2.8	2.1	M 2.5	DIN	SES-0	13	23	19.5	21	6		**H150748501**
3.5	2.7	M 3	DIN	SES-0	13	23	19.5	21	6		**H150389233**
3.5	2.7	M 5	DIN	SES-0	13	23	19.5	21	6		**H150704382**
4.0	3.0	M 3.5	DIN	SES-0	13	23	19.5	21	6		**H150389235**
4.5	3.4	M 4	DIN	SES-0	13	23	19.5	21	6		**H150389237**
4.5	3.4	M 6	DIN	SES-0	13	23	19.5	21	6		**H150989241**
6.0	4.9	M 5	DIN	SES-0	13	23	19.5	21	6		**H150748512**
6.0	4.9	M 6	DIN	SES-0	13	23	19.5	21	6		**H150389239**
6.0	4.9	M 8	DIN	SES-0	13	23	19.5	21	6		**H150748513**
7.0	5.5	M 10	DIN	SES-0	13	23	19.5	21	6		**H150389241**
8.0	6.2	M 8	DIN	SES-0	13	23	19.5	21	6		**H150748504**
8.0	6.2	M 10	DIN	SES-0	13	23	19.5	21	6		**H150748506**
3.5	2.7	M 3	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D035X027	**H150389246**
4.0	3.0	M 3.5	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D040X030	**H150389248**
4.5	3.4	M 4	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D045X034	**H150389250**
4.5	3.4	M 6	DIN	SES-1	19	32	21.5	25	8		**H150950109**
6.0	4.9	M 5	DIN	SES-1	19	32	21.5	25	8		**H150749112**
6.0	4.9	M 6	DIN	SES-1	19	32	21.5	25	8		**H150389252**
6.0	4.9	M 8	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D060X049	**H150749113**
7.0	5.5	M 10	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D070X055	**H150389254**
8.0	6.2	M 8	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D080X062	**H150749115**
8.0	6.2	M 10	DIN	SES-1	19	32	21.5	25	8		**H150749114**
9.0	7.0	M 12	DIN	SES-1	19	32	21.5	25	8	393.03-SES1 D090X070	**H150749116**
10.0	8.0	M 10	DIN/ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D100X080	**H150389257**
11.0	9.0	M 14	DIN	SES-1	19	32	21.5	25	8		**H150389258**
7.0	5.5	M 10	DIN	SES-2	31	50	35	34	4	393.03-SES2 D070X055	**H150389261**
8.0	6.2	M8	DIN	SES-2	31	50	35	34	4	393.03-SES2 D080X062	**H150601312**
8.0	6.2	M10	DIN	SES-2	31	50	35	34	4		**H150929431**
9.0	7.0	M 12	DIN	SES-2	31	50	35	34	4	393.03-SES2 D090X070	**H150601314**
10.0	8.0	M 10	DIN/ISO	SES-2	31	50	35	34	4	393.03-SES2 D100X080	**H150389264**
11.0	9.0	M 14	DIN	SES-2	31	50	35	34	4	393.03-SES2 D110X090	**H150389265**
12.0	9.0	M 16	DIN	SES-2	31	50	35	34	4	393.03-SES2 D120X090	**H150389267**
14.0	11.0	M 18	DIN	SES-2	31	50	35	34	4	393.03-SES2 D140X110	**H150389269**
16.0	12.0	M 20	DIN	SES-2	31	50	35	34	4	393.03-SES2 D160X120	**H150389271**
18.0	14.5	M 22	DIN	SES-2	31	50	35	34	4		**H150389273**
18.0	14.5	M 24	DIN	SES-2	31	50	35	34	4		**H150601315**
11.0	9.0	M 14	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D110X090	**H150389274**
12.0	9.0	M16	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D120X090	**H150389276**
14.0	11.0	M 18	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D140X110	**H150389278**
16.0	12.0	M 20	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D160X120	**H150389280**
18.0	14.5	M 22	DIN	SES-3	48	72	55.5	45	1		**H150389283**
18.0	14.5	M 24	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D180X145	**H150651723**
20.0	16.0	M 27	DIN/ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D200X160	**H150389284**
20.0	16.0	M 30	DIN/ISO	SES-3	48	72	55.5	45	1		**H150651726**
22.0	18.0	M 30	DIN	SES-3	48	72	55.5	45	1	393.03-SES3 D220X180	**H150389285**

H150

DORMER

ØD2	a mm		DIN/ISO	type	ØX	ØD	H	K	R	tool code	e-Code
25.0	20.0	M 33	DIN/ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D250X200	**H150389287**
25.0	20.0	M 36	DIN/ISO	SES-3	48	72	55.5	45	1		**H150651727**
28.0	22.0	M 36	DIN	SES-3	48	72	55.5	45	1		**H150389288**
2.8	2.24	M 2.2	ISO	SES-0	13	23	19.5	21	6		**H150748502**
3.15	2.5	M 4	ISO	SES-0	13	23	19.5	21	6		**H150389232**
3.55	2.8	M 4.5	ISO	SES-0	13	23	19.5	21	6		**H150389234**
4.0	315	M 5	ISO	SES-0	13	23	19.5	21	6		**H150389236**
4.5	3.55	M 6	ISO	SES-0	13	23	19.5	21	6		**H150989237**
5.0	4.0	M 5	ISO	SES-0	13	23	19.5	21	6		**H150389238**
5.6	4.5	M 5	ISO	SES-0	13	23	19.5	21	6		**H150989240**
6.3	5.0	M 6	ISO	SES-0	13	23	19.5	21	6		**H150748503**
6.3	5.0	M 8	ISO	SES-0	13	23	19.5	21	6		**H150389240**
7.1	5.6	M 10	ISO	SES-0	13	23	19.5	21	6		**H150748514**
8.0	6.3	M 8	ISO	SES-0	13	23	19.5	21	6		**H150389242**
8.0	6.3	M 10	ISO	SES-0	13	23	19.5	21	6		**H150749515**
3.55	2.8	M 3.5	ISO	SES-1	19	32	21.5	25	8		**H150950111**
3.55	2.8	M 4.5	ISO	SES-1	19	32	21.5	25	8		**H150389247**
4.0	3.15	M 4	ISO	SES-1	19	32	21.5	25	8		**H150950112**
4.0	3.15	M 5	ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D040X031	**H150389249**
4.5	3.55	M 4.5	ISO	SES-1	19	32	21.5	25	8		**H150950113**
4.5	3.55	M 6	ISO	SES-1	19	32	21.5	25	8		**H150388478**
5.0	4.0	M 5	ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D050X040	**H150389251**
5.6	4.5	M 5	ISO	SES-1	19	32	21.5	25	8		**H150388484**
6.3	5.0	M 6	ISO	SES-1	19	32	21.5	25	8		**H150950114**
6.3	5.0	M 8	ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D063X050	**H150389253**
7.1	5.6	M 7	ISO	SES-1	19	32	21.5	25	8		**H150388482**
8.0	6.3	M 8	ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D080X063	**H150389255**
8.0	6.3	M10	ISO	SES-1	19	32	21.5	25	8		**H150749009**
8.0	6.3	M 11	ISO	SES-1	19	32	21.5	25	8		**H150950116**
9.0	7.1	M 9	ISO	SES-1	19	32	21.5	25	8		**H150950117**
9.0	7.1	M 12	ISO	SES-1	19	32	21.5	25	8	393.03-SES1 D090X071	**H150389256**
11.2	9.0	M14	ISO	SES-1	19	32	21.5	25	8		**H150749117**
7.1	5.6	M 7	ISO	SES-2	31	50	35	34	4		**H150929421**
8.0	6.3	M 8	ISO	SES-2	31	50	35	34	4	393.03-SES2 D080X063	**H150389262**
8.0	6.3	M 10	ISO	SES-2	31	50	35	34	4		**H150749128**
8.0	6.3	M 11	ISO	SES-2	31	50	35	34	4		**H150929429**
9.0	7.1	M 12	ISO	SES-2	31	50	35	34	4	393.03-SES2 D090X071	**H150389263**
11.2	9.0	M 14	ISO	SES-2	31	50	35	34	4	393.03-SES2 D112X090	**H150389266**
12.5	10.0	M 16	ISO	SES-2	31	50	35	34	4	393.03-SES2 D125X100	**H150389268**
14.0	11.2	M 18	ISO	SES-2	31	50	35	34	4	393.03-SES2 D140X112	**H150389270**
14.0	11.2	M 20	ISO	SES-2	31	50	35	34	4		**H150601320**
16.0	12.5	M 22	ISO	SES-2	31	50	35	34	4		**H150389272**
18.0	14.0	M 24	ISO	SES-2	31	50	35	34	4		**H150929432**
11.2	9.0	M14	ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D112X090	**H150389275**
12.5	10.0	M 16	ISO	SES-3	48	72	55.5	45	1		**H150389277**
14.0	11.2	M 18	ISO	SES-3	48	72	55.5	45	1		**H150389279**
14.0	11.2	M 20	ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D140X112	**H150651720**
16.0	12.5	M 22	ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D160X125	**H150389281**
18.0	14.0	M 24	ISO	SES-3	48	72	55.5	45	1	393.03-SES3 D180X140	**H150389282**
22.4	18.0	M 33	ISO	SES-3	48	72	55.5	45	1		**H150389286**
28.0	22.4	M 39	ISO	SES-3	48	72	55.5	45	1		**H150651724**
28.0	22.4	M 42	ISO	SES-3	48	72	55.5	45	1		**H150651725**
4.27	3.33	Nr 8	ANSI	SES-0	13	23	19.5	21	6		**H150530010**
4.93	3.86	Nr 10	ANSI	SES-0	13	23	19.5	21	6		**H150530011**
5.59	4.19	Nr 12	ANSI	SES-0	13	23	19.5	21	6		**H150530012**
6.48	4.85	1/4	ANSI	SES-0	13	23	19.5	21	6		**H150530013**
8.08	6.05	5/16	ANSI	SES-0	13	23	19.5	21	6		**H150530014**
3.58	2.79	Nr 6	ANSI	SES-1	19	32	21.5	25	8		**H150530015**
4.27	3.33	Nr 8	ANSI	SES-1	19	32	21.5	25	8		**H150530016**
4.93	3.86	Nr 10	ANSI	SES-1	19	32	21.5	25	8		**H150530017**
5.59	4.19	Nr 12	ANSI	SES-1	19	32	21.5	25	8		**H150530018**
6.48	4.85	1/4	ANSI	SES-1	19	32	21.5	25	8		**H150530019**
8.08	6.05	5/16	ANSI	SES-1	19	32	21.5	25	8		**H150530020**
8.20	6.15	7/16	ANSI	SES-1	19	32	21.5	25	8		**H150530021**
9.32	6.99	1/2	ANSI	SES-1	19	32	21.5	25	8		**H150530022**
9.68	7.26	3/8	ANSI	SES-1	19	32	21.5	25	8		**H150530023**
10.9	8.18	9/16	ANSI	SES-1	19	32	21.5	25	8		**H150530024**
4.93	3.86	Nr 10	ANSI	SES-2	31	50	35	34	4		**H150530025**
6.48	4.85	1/4	ANSI	SES-2	31	50	35	34	4		**H150530026**
8.08	6.05	5/16	ANSI	SES-2	31	50	35	34	4		**H150530027**

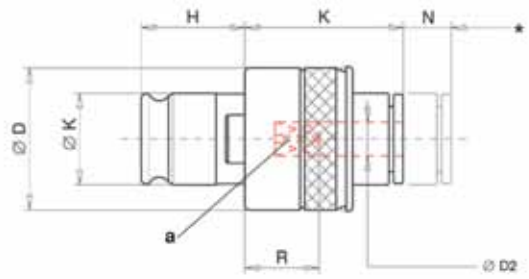
H150

ØD2	a mm		DIN/ISO	type	ØX	ØD	H	K	R	tool code	e-Code
8.20	6.15	7/16	ANSI	SES-2	31	50	35	34	4		**H150530028**
9.32	6.99	1/2	ANSI	SES-2	31	50	35	34	4		**H150530029**
9.68	7.26	3/8	ANSI	SES-2	31	50	35	34	4		**H150530030**
10.90	8.18	9/16	ANSI	SES-2	31	50	35	34	4		**H150530031**
12.19	9.14	5/8	ANSI	SES-2	31	50	35	34	4		**H150530032**
14.99	11.23	3/4	ANSI	SES-2	31	50	35	34	4		**H150530033**
17.70	13.28	7/8	ANSI	SES-2	31	50	35	34	4		**H150530034**
12.19	9.14	5/8	ANSI	SES-3	48	72	55.5	45	1		**H150530035**
14.99	11.23	3/4	ANSI	SES-3	48	72	55.5	45	1		**H150530036**
17.70	13.28	7/8	ANSI	SES-3	48	72	55.5	45	1		**H150530037**
20.32	15.24	1“	ANSI	SES-3	48	72	55.5	45	1		**H150530038**
22.76	17.07	1.1/8	ANSI	SES-3	48	72	55.5	45	1		**H150530039**
25.93	19.46	1.1/4	ANSI	SES-3	48	72	55.5	45	1		**H150530040**
28.14	21.11	1.3/8	ANSI	SES-3	48	72	55.5	45	1		**H150530041**

H350

DORMER

- SESN rychlovýměnný adaptér se stavitelnou délkou a bezpečnostní spojkou
- Port tarod cu schimbare rapida SESN, cu reglaj de lungime si ambreiaj
- Adapter a gyorscserés befogóhoz biztonsági kapcsolóval és hosszkiegyenlítővel - SESN
- SESN Быстросменный метчиковый переходник с регулируемой длиной и предохранительной муфтой
- Szybkowymienna oprawka do gwintowania ze sprzeglem przeciazeniowym z mozliwoscia nastawy dlugosci typu SESN
- SESN adapter z nastavitvijo dolžine in varovalom



H350

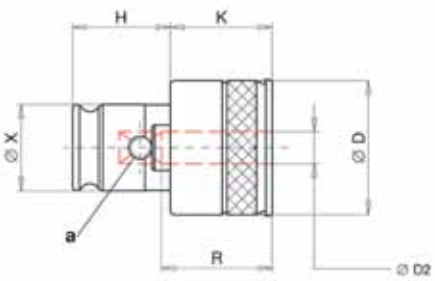
ØD2	a mm		DIN/ISO	type	ØX	ØD	H	K	N	R	e-Code
2.5	2.1	M 1.8	DIN	SESN-0	13	23	19.5	29	8	13	**H350389298**
2.8	2.1	M 2	DIN	SESN-0	13	23	19.5	29	8	13	**H350389299**
3.5	2.7	M 3	DIN	SESN-0	13	23	19.5	29	8	13	**H350389301**
3.5	2.7	M 5	DIN	SESN-0	13	23	19.5	29	8	13	**H350776102**
4	3	M 3.5	DIN	SESN-0	13	23	19.5	29	8	13	**H350389303**
4.5	3.4	M 4	DIN	SESN-0	13	23	19.5	29	8	13	**H350389305**
6	4.9	M 5	DIN	SESN-0	13	23	19.5	29	8	13	**H350690614**
6	4.9	M 6	DIN	SESN-0	13	23	19.5	29	8	13	**H350389307**
6	4.9	M 8	DIN	SESN-0	13	23	19.5	29	8	13	**H350690615**
3.5	2.7	M 3	DIN	SESN-1	19	32	21.5	34	10	16	**H350389313**
3.5	2.7	M 5	DIN	SESN-1	19	32	21.5	34	10	16	**H350776114**
4	3	M 3.5	DIN	SESN-1	19	32	21.5	34	10	16	**H350389315**
4.5	3.4	M 4	DIN	SESN-1	19	32	21.5	34	10	16	**H350389317**
4.5	3.4	M 6	DIN	SESN-1	19	32	21.5	34	10	16	**H350734456**
6	4.9	M 5	DIN	SESN-1	19	32	21.5	34	10	16	**H350776119**
6	4.9	M 6	DIN	SESN-1	19	32	21.5	34	10	16	**H350389319**
6	4.9	M 8	DIN	SESN-1	19	32	21.5	34	10	16	**H350776120**
7	5.5	M 10	DIN	SESN-1	19	32	21.5	34	10	16	**H350389321**
8	6.2	M 8	DIN	SESN-1	19	32	21.5	34	10	16	**H350776123**
8	6.2	M 10	DIN	SESN-1	19	32	21.5	34	10	16	**H350776124**
9	7	M 12	DIN	SESN-1	19	32	21.5	34	10	16	**H350776126**
10	8	M 10	DIN/ISO	SESN-1	19	32	21.5	34	10	16	**H350389324**
11	9	M 14	DIN	SESN-1	19	32	21.5	34	10	16	**H350389325**
7	5.5	M 10	DIN	SESN-2	31	50	35	60	15	29	**H350389328**
8	6.2	M 8	DIN	SESN-2	31	50	35	60	15	29	**H350776151**
8	6.2	M 10	DIN	SESN-2	31	50	35	60	15	29	**H350776152**
9	7	M 12	DIN	SESN-2	31	50	35	60	15	29	**H350776154**
10	8	M 10	DIN/ISO	SESN-2	31	50	35	60	15	29	**H350389331**
11	9	M 14	DIN	SESN-2	31	50	35	60	15	29	**H350389332**
12	9	M 16	DIN	SESN-2	31	50	35	60	15	29	**H350389334**
14	11	M 18	DIN	SESN-2	31	50	35	60	15	29	**H350389336**
16	12	M 20	DIN	SESN-2	31	50	35	60	15	29	**H350389338**
18	14.5	M 22	DIN	SESN-2	31	50	35	60	15	29	**H350369406**
18	14.5	M 24	DIN	SESN-2	31	50	35	60	15	29	**H350704425**
11	9	M 14	DIN	SESN-3	48	72	55.5	83	25	38	**H350389340**
12	9	M 16	DIN	SESN-3	48	72	55.5	83	25	38	**H350389342**
14	11	M 18	DIN	SESN-3	48	72	55.5	83	25	38	**H350389344**
16	12	M 20	DIN	SESN-3	48	72	55.5	83	25	38	**H350389346**
18	14.5	M 22	DIN	SESN-3	48	72	55.5	83	25	38	**H350389349**
18	14.5	M 24	DIN	SESN-3	48	72	55.5	83	25	38	**H350607842**
20	16	M 27	DIN	SESN-3	48	72	55.5	83	25	38	**H350389350**
22	18	M 30	DIN	SESN-3	48	72	55.5	83	25	38	**H350389351**
25	20	M 33	DIN/ISO	SESN-3	48	72	55.5	83	25	38	**H350389353**
25	20	M 36	DIN/ISO	SESN-3	48	72	55.5	83	25	38	**H350607835**
28	22	M 36	DIN	SESN-3	48	72	55.5	83	25	38	**H350607833**
3.15	2.5	M 4	ISO	SESN-0	13	23	19.5	29	8	13	**H350389300**
3.55	2.8	M 4.5	ISO	SESN-0	13	23	19.5	29	8	13	**H350389302**
4	3.15	M 5	ISO	SESN-0	13	23	19.5	29	8	13	**H350389304**

H350

ØD2	a mm	↔	DIN/ISO	type	ØX	ØD	H	K	N	R	e-Code
5	4	M 5	ISO	SESN-0	13	23	19.5	29	8	13	**H350389306**
6.3	5	M 6	ISO	SESN-0	13	23	19.5	29	8	13	**H350776105**
3.55	2.8	M 3.5	ISO	SESN-1	19	32	21.5	34	10	16	**H350776113**
3.55	2.8	M 4.5	ISO	SESN-1	19	32	21.5	34	10	16	**H350389314**
4	3.15	M 4	ISO	SESN-1	19	32	21.5	34	10	16	**H350776115**
4	3.15	M 5	ISO	SESN-1	19	32	21.5	34	10	16	**H350389316**
4.5	3.55	M 4.5	ISO	SESN-1	19	32	21.5	34	10	16	**H350776116**
4.5	3.55	M 6	ISO	SESN-1	19	32	21.5	34	10	16	**H350776117**
5	4	M 5	ISO	SESN-1	19	32	21.5	34	10	16	**H350389318**
5.6	4.5	M 5	ISO	SESN-1	19	32	21.5	34	10	16	**H350776118**
6.3	5	M 6	ISO	SESN-1	19	32	21.5	34	10	16	**H350776121**
6.3	5	M 8	ISO	SESN-1	19	32	21.5	34	10	16	**H350389320**
7.1	5.6	M 7	ISO	SESN-1	19	32	21.5	34	10	16	**H350776122**
8	6.3	M 8	ISO	SESN-1	19	32	21.5	34	10	16	**H350389322**
8	6.3	M 11	ISO	SESN-1	19	32	21.5	34	10	16	**H350776130**
9	7.1	M 9	ISO	SESN-1	19	32	21.5	34	10	16	**H350776127**
9	7.1	M 12	ISO	SESN-1	19	32	21.5	34	10	16	**H350389323**
11.2	9	M 14	ISO	SESN-1	19	32	21.5	34	10	16	**H350776128**
7.1	5.6	M 7	ISO	SESN-2	31	50	35	60	15	29	**H350704419**
8	6.3	M 8	ISO	SESN-2	31	50	35	60	15	29	**H350389329**
8	6.3	M 10	ISO	SESN-2	31	50	35	60	15	29	**H350704420**
8	6.3	M 11	ISO	SESN-2	31	50	35	60	15	29	**H350704421**
9	7.1	M 9	ISO	SESN-2	31	50	35	60	15	29	**H350704422**
9	7.1	M 12	ISO	SESN-2	31	50	35	60	15	29	**H350389330**
11.2	9	M 14	ISO	SESN-2	31	50	35	60	15	29	**H350389333**
12.5	10	M 16	ISO	SESN-2	31	50	35	60	15	29	**H350389335**
14	11.2	M 18	ISO	SESN-2	31	50	35	60	15	29	**H350389337**
14	11.2	M 20	ISO	SESN-2	31	50	35	60	15	29	**H350704423**
16	12.5	M 22	ISO	SESN-2	31	50	35	60	15	29	**H350389339**
18	14	M 24	ISO	SESN-2	31	50	35	60	15	29	**H350704424**
11.2	9	M 14	ISO	SESN-3	48	72	55.5	83	25	38	**H350389341**
12.5	10	M 16	ISO	SESN-3	48	72	55.5	83	25	38	**H350389343**
14	11.2	M 18	ISO	SESN-3	48	72	55.5	83	25	38	**H350389345**
14	11.2	M 20	ISO	SESN-3	48	72	55.5	83	25	38	**H350607841**
16	12.5	M 22	ISO	SESN-3	48	72	55.5	83	25	38	**H350389347**
18	14	M 24	ISO	SESN-3	48	72	55.5	83	25	38	**H350389348**
20	16	M 30	ISO	SESN-3	48	72	55.5	83	25	38	**H350776211**
22.4	18	M 33	ISO	SESN-3	48	72	55.5	83	25	38	**H350389352**
28	22.4	M 42	ISO	SESN-3	48	72	55.5	83	25	38	**H350607834**

H750

- SESK rychlovýměnný adaptér prodloužený s bezpečnostní spojkou a úchopným upínáním
- Port tarod cu schimbare rapida SESK lunigime marita cu ambreiaj si fixare cu surub a tarodului
- Hosszított kivitelű, szorítócsavarral ellátott adapter a gyorscserés befogóhoz biztonsági kapcsolóval - SESK
- SESK Быстросменный метчиковый переходник с предохранительной муфтой и креплением винтом
- Szybkowymienna oprawka do gwintowania ze sprzeglem przeciazeniowym typu SESK
- SESK adapter z nastavitvijo dolžine, varovalom in vijakom

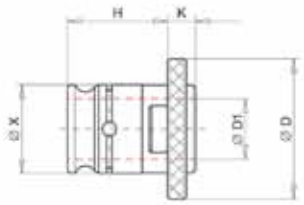


H750

ØD2	a mm		DIN/ISO	type	ØX	ØD	H	K	R	e-Code
12	9	M 16	DIN	SESK-1	19	32	21.5	25	26.5	**H750600264**
20	16	M 27	DIN/ISO	SESK-2	31	50	35	31	32.5	**H750600267**
22	18	M 30	DIN	SESK-2	31	50	35	31	32.5	**H750357150**
32	24	M 42	DIN	SESK-3	48	72	55.5	41	41	**H750600271**
36	29	M 48	DIN	SESK-3	48	72	55.5	41	41	**H750600272**
12.5	10	M 16	ISO	SESK-1	19	32	21.5	25	26.5	**H750600266**
31.5	25	M 45	ISO	SESK-3	48	72	55.5	41	41	**H750600274**

H850

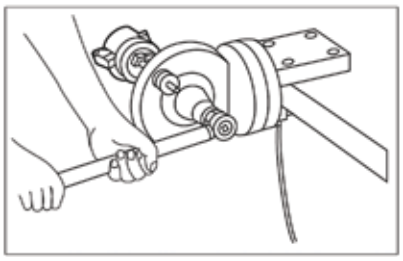
- SER redukční adaptér
- SER Reductie
- SER Szűktő adapter
- SER Переходник на меньший диаметр
- Oprawka redukcyjna typu SER
- SER reducirni adapter



H850

chuck holder	adaptor holder	type	ØX	ØD	Ø D1	K	H	e-Code
1	0	SER 1 - 0	19	30	13	4	21.5	**H850600289**
2	0	SER 2 - 0	31	48	13	5	35	**H850600293**
2	1	SER 2 - 1	31	48	19	5	35	**H850600290**
3	1	SER 3 - 1	48	70	19	6	55.5	**H850600294**
3	2	SER 3 - 2	48	70	31	6	55.5	**H850600291**

- Dormer Capto základní upínače, utahování středovým šroubem
- Portscule Dormer Capto basic fixare cu bolt central
- Dormer Capto alaptartó központi magcsavar szorítással
- Крепление центрального болта базового дердателя Dormer Capto
- Uchwyty Dormer Capto z Centralnym mocowaniem na śrubę
- Osnovno Dormer Capto držalo



Size	Torque ft-lbs	Torque Nm
C4	37-44	50-60
C5	66-74	90-100
C6	118-133	160-180

- Extrakční přípravek (vytahovák) pro kleštiny HydroGrip
- Extractor bucsi HydroGrip
- HydroGrip patron lehúz
- HydroGrip Цанга
- Tulejki zaciskowe HydroGrip
- Puše HydroGrip

size	tool code	e-code
12	5680 061-01	H743568108
20	5680 061-03	H743568110
25	5680 061-04	H743568111
32	5680 061-05	H743568112

F

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DORMER

	F500	F100	F201	F108	F110	F120	F130	F140	F150	F170	F180	F190
	M	M	M	M	MF	UNC	UNF	BSW	BSF	G	NPT	PG
												
	CS	HSS	HSS	HSCo	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568	ISO 2568
	6g	6g	6g	6g	6g	2A	2A	MEDIUM	MEDIUM	Class A	NORMAL	NORMAL
	1,75xP	1,75xP	1,75xP	2,25xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP
	M3 - M24	M2 - M42	M3 - M20	M2 - M20	M4 - M40	No.8 - 1"	No.10 - 1"	1/8 - 1"	3/16 - 1/2	1/8 - 2"	1/8 - 1"	M7 - M36
	569	**570**	**571**	**572**	**573**	**574**	**575**	**576**	**577**	**578**	**579**	**580**
1.1	■8	■8	■8	•8	■8	■8	■8	■8	■8	■8	■8	■8
1.2	■7	■7	■7	•7	■7	■7	■7	■7	■7	■7	■7	■7
1.3	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6
1.4	•5	•5	•5	■5	•5	•5	•5	•5	•5	•5	•5	•5
1.5				•4								
1.6												
1.7												
1.8												
2.1	•4	•4	•4	■4	•4	•4	•4	•4	•4	•4	•4	•4
2.2	•2	•2	•2	■2	•2	•2	•2	•2	•2	•2	•2	•2
2.3				•1								
2.4												
3.1	■8	■8	■8	■8	■8	■8	■8	■8	■8	■8	■8	■8
3.2	■7	■7	■7	■7	■7	■7	■7	■7	■7	■7	■7	■7
3.3	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6
3.4	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5
4.1				•2								
4.2												
4.3	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2
5.1	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9
5.2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2
5.3	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2	•2
6.1	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9	•9
6.2	•8	•8	•8	•8	•8	•8	•8	•8	•8	•8	•8	•8
6.3	•7	•7	•7	•7	•7	•7	•7	•7	•7	•7	•7	•7
6.4				•2								
7.1	■10	■10	■10	■10	■10	■10	■10	■10	■10	■10	■10	■10
7.2	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15
7.3	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15
7.4	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10
8.1	•15	•15	•15	•15	•15	•15	•15	•15	•15	•15	•15	•15
8.2	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10	•10
8.3	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5	•5
9.1												
10.1												

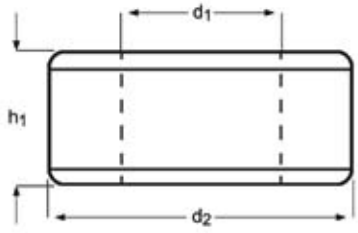
	F300	F301	F310	F320	F330	F340	F350	F360	F370	F380
	M	M	MF	UNC	UNF	BSW	BSF	BA	G	Rc
										
	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950	BS 1127: 1950
	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP	1,75xP
	M1.6 - M36	M3 - M20	M3 - M30	No.2 - 1.1/4	No.0 - 1.1/2	1/8 - 1.1/4	3/16 - 1“	No.12 - No.0	1/8 - 1.1/2	1/8 - 1“
	581	**582**	**583**	**584**	**585**	**586**	**587**	**588**	**589**	**590**
1.1	■8	■8	■8	■8	■8	■8	■8	■8	■8	■8
1.2	■7	■7	■7	■7	■7	■7	■7	■7	■7	■7
1.3	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6
1.4	●5	●5	●5	●5	●5	●5	●5	●5	●5	●5
1.5										
1.6										
1.7										
1.8										
2.1	●4	●4	●4	●4	●4	●4	●4	●4	●4	●4
2.2	●2	●2	●2	●2	●2	●2	●2	●2	●2	●2
2.3										
2.4										
3.1	■8	■8	■8	■8	■8	■8	■8	■8	■8	■8
3.2	■7	■7	■7	■7	■7	■7	■7	■7	■7	■7
3.3	■6	■6	■6	■6	■6	■6	■6	■6	■6	■6
3.4	●5	●5	●5	●5	●5	●5	●5	●5	●5	●5
4.1										
4.2										
4.3	●2	●2	●2	●2	●2	●2	●2	●2	●2	●2
5.1	●9	●9	●9	●9	●9	●9	●9	●9	●9	●9
5.2	●2	●2	●2	●2	●2	●2	●2	●2	●2	●2
5.3	●2	●2	●2	●2	●2	●2	●2	●2	●2	●2
6.1	●9	●9	●9	●9	●9	●9	●9	●9	●9	●9
6.2	●8	●8	●8	●8	●8	●8	●8	●8	●8	●8
6.3	●7	●7	●7	●7	●7	●7	●7	●7	●7	●7
6.4										
7.1	■10	■10	■10	■10	■10	■10	■10	■10	■10	■10
7.2	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15
7.3	■15	■15	■15	■15	■15	■15	■15	■15	■15	■15
7.4	●10	●10	●10	●10	●10	●10	●10	●10	●10	●10
8.1	●15	●15	●15	●15	●15	●15	●15	●15	●15	●15
8.2	●10	●10	●10	●10	●10	●10	●10	●10	●10	●10
8.3	●5	●5	●5	●5	●5	●5	●5	●5	●5	●5
9.1										
10.1										

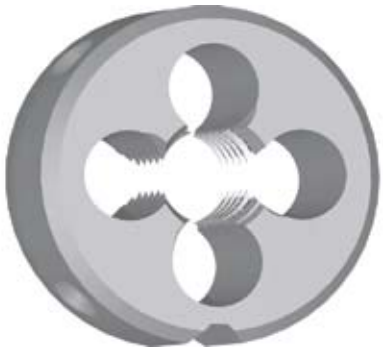
DORMER

	F202	F302	F312	F272
	M	M	MF	G
				
	HSS	HSS	HSS	HSS
	DIN 382	BS 1127: 1950	BS 1127: 1950	DIN 382
	6g	6g	6g	Class A
	1,75xP	1,75xP	1,75xP	1,75xP
	M3 - M36	M3 - M36	M8 - M24	1/8 - 1.1/2
	591	**592**	**593**	**594**
1.1	■8	■8	■8	■8
1.2	■7	■7	■7	■7
1.3	■6	■6	■6	■6
1.4	●5	●5	●5	●5
1.5				
1.6				
1.7				
1.8				
2.1	●4	●4	●4	●4
2.2	●2	●2	●2	●2
2.3				
2.4				
3.1	■8	■8	■8	■8
3.2	■7	■7	■7	■7
3.3	■6	■6	■6	■6
3.4	●5	●5	●5	●5
4.1				
4.2				
4.3	●2	●2	●2	●2
5.1	●9	●9	●9	●9
5.2	●2	●2	●2	●2
5.3	●2	●2	●2	●2
6.1	●9	●9	●9	●9
6.2	●8	●8	●8	●8
6.3	●7	●7	●7	●7
6.4				
7.1	■10	■10	■10	■10
7.2	■15	■15	■15	■15
7.3	■15	■15	■15	■15
7.4	●10	●10	●10	●10
8.1	●15	●15	●15	●15
8.2	●10	●10	●10	●10
8.3	●5	●5	●5	●5
9.1				
10.1				

F500

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F500

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

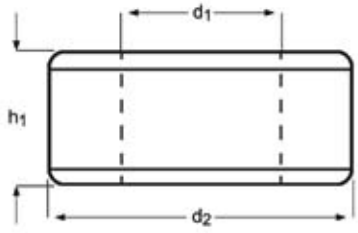
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

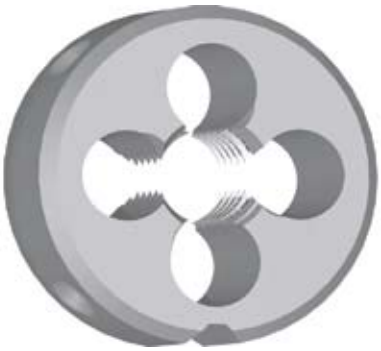
M	P mm	d_2 Ø mm	h_1 mm	e-Code
3	0.50	20	5	**F500M3**
4	0.70	20	5	**F500M4**
5	0.80	20	7	**F500M5**
6	1.00	20	7	**F500M6**
8	1.25	25	9	**F500M8**
10	1.50	30	11	**F500M10**

M	P mm	d_2 Ø mm	h_1 mm	e-Code
12	1.75	38	14	**F500M12**
14	2.00	38	14	**F500M14**
16	2.00	45	18	**F500M16**
18	2.50	45	18	**F500M18**
20	2.50	45	18	**F500M20**
24	3.00	55	22	**F500M24**

F100

- Závitovací očka
- Menetmetsző
- Narzynki
- Filiere
- Круглые плашки
- navojna čeljust





F100

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

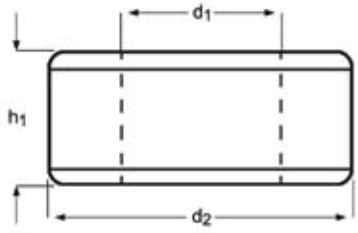
M	P mm	d_2 Ø mm	h_1 mm	e-Code
2	0.40	16	5	**F100M2** [1]
2.5	0.45	16	5	**F100M2.5** [1]
2.6	0.45	16	5	**F100M2.6** [1]
3	0.50	20	5	**F100M3**
3.5	0.60	20	5	**F100M3.5**
4	0.70	20	5	**F100M4**
4.5	0.75	20	7	**F100M4.5**
5	0.80	20	7	**F100M5**
6	1.00	20	7	**F100M6**
7	1.00	25	9	**F100M7**
8	1.25	25	9	**F100M8**
9	1.25	25	9	**F100M9**
10	1.50	30	11	**F100M10**
11	1.50	30	11	**F100M11**

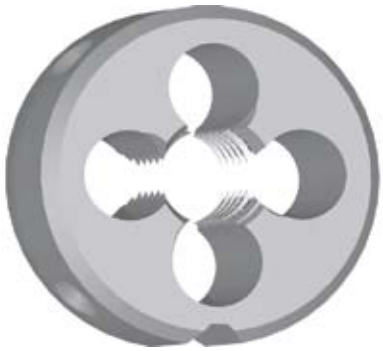
M	P mm	d_2 Ø mm	h_1 mm	e-Code
12	1.75	38	14	**F100M12**
14	2.00	38	14	**F100M14**
16	2.00	45	18	**F100M16**
18	2.50	45	18	**F100M18**
20	2.50	45	18	**F100M20**
22	2.50	55	22	**F100M22**
24	3.00	55	22	**F100M24**
27	3.00	65	25	**F100M27**
30	3.50	65	25	**F100M30**
33	3.50	65	25	**F100M33**
36	4.00	65	25	**F100M36**
39	4.00	75	30	**F100M39**
42	4.50	75	30	**F100M42**

[1] bez lamače třísek / Terelőél nélkül. / Bez prowadzenia / fara supra-ascutire. / Без спиральной подточки / navojna čeljust

F201

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F201

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

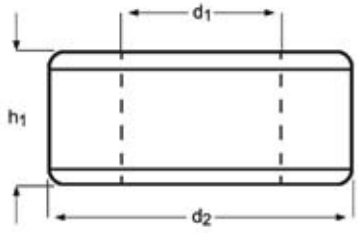
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

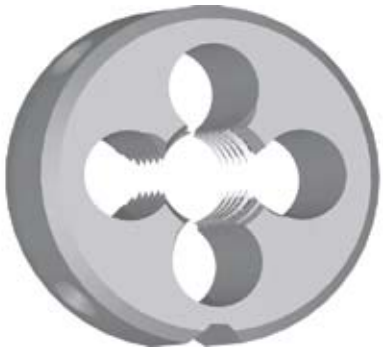
M	P mm	d_2 Ø mm	h_1 mm	e-Code
3	0.50	20	5	**F201M3**
4	0.70	20	5	**F201M4**
5	0.80	20	7	**F201M5**
6	1.00	20	7	**F201M6**
8	1.25	25	9	**F201M8**
10	1.50	30	11	**F201M10**

M	P mm	d_2 Ø mm	h_1 mm	e-Code
12	1.75	38	14	**F201M12**
14	2.00	38	14	**F201M14**
16	2.00	45	14	**F201M16**
18	2.50	45	18	**F201M18**
20	2.50	45	18	**F201M20**

F108

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F108

■ 1.3 1.4 2.1 2.2 3.1 3.2 3.3 7.1 7.2 7.3

● 1.1 1.2 1.5 2.3 3.4 4.1 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.4 8.1 8.2 8.3

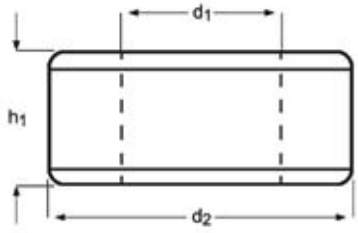
M	P mm	d_2 Ø mm	h_1 mm	e-Code
2	0.40	16	5	**F108M2** [1]
2.5	0.45	16	5	**F108M2.5** [1]
3	0.50	20	5	**F108M3**
3.5	0.60	20	5	**F108M3.5**
4	0.70	20	5	**F108M4**
5	0.80	20	7	**F108M5**
6	1.00	20	7	**F108M6**
7	1.00	25	9	**F108M7**

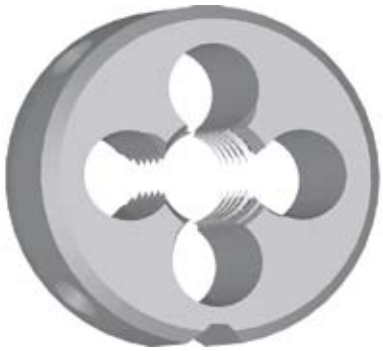
M	P mm	d_2 Ø mm	h_1 mm	e-Code
8	1.25	25	9	**F108M8**
9	1.25	25	9	**F108M9**
10	1.50	30	11	**F108M10**
12	1.75	38	14	**F108M12**
14	2.00	38	14	**F108M14**
16	2.00	45	18	**F108M16**
18	2.50	45	18	**F108M18**
20	2.50	45	18	**F108M20**

[1] bez lamače třísek / Terelőél nélkül. / Bez prowadzenia / fara supra-ascutire. / Без спиральной подточки / navojna čeljust

F110

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F110

MF | HSS | ISO 2568 | 6g | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

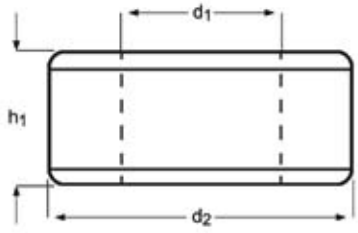
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

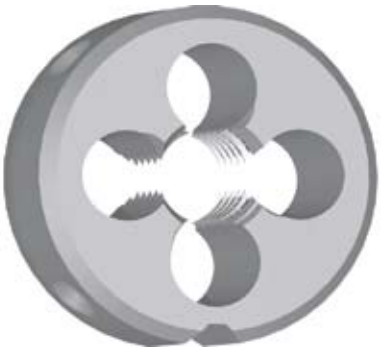
MF	P mm	d_2 Ø mm	h_1 mm	e-Code
4	0.50	20	5	**F110M4X.5**
5	0.50	20	5	**F110M5X.5**
6	0.75	20	7	**F110M6X.75**
7	0.75	25	9	**F110M7X.75**
8	0.75	25	9	**F110M8X.75**
8	1.00	25	9	**F110M8X1.0**
9	1.00	25	9	**F110M9X1.0**
10	0.75	30	11	**F110M10X.75**
10	1.00	30	11	**F110M10X1.0**
10	1.25	30	11	**F110M10X1.25**
11	1.00	30	11	**F110M11X1.0**
12	1.00	38	10	**F110M12X1.0**
12	1.25	38	10	**F110M12X1.25**
12	1.50	38	10	**F110M12X1.5**
13	1.00	38	10	**F110M13X1.0**
14	1.00	38	10	**F110M14X1.0**
14	1.25	38	10	**F110M14X1.25**
14	1.50	38	10	**F110M14X1.5**
15	1.00	38	10	**F110M15X1.0**
15	1.50	38	10	**F110M15X1.5**
16	1.00	45	14	**F110M16X1.0**
16	1.50	45	14	**F110M16X1.5**

MF	P mm	d_2 Ø mm	h_1 mm	e-Code
18	1.00	45	14	**F110M18X1.0**
18	1.50	45	14	**F110M18X1.5**
20	1.00	45	14	**F110M20X1.0**
20	1.50	45	14	**F110M20X1.5**
22	1.00	55	16	**F110M22X1.0**
22	1.50	55	16	**F110M22X1.5**
24	1.00	55	16	**F110M24X1.0**
24	1.50	55	16	**F110M24X1.5**
24	2.00	55	16	**F110M24X2.0**
25	1.50	55	16	**F110M25X1.5**
26	1.50	55	16	**F110M26X1.5**
27	1.50	65	18	**F110M27X1.5**
27	2.00	65	18	**F110M27X2.0**
28	1.50	65	18	**F110M28X1.5**
30	1.50	65	18	**F110M30X1.5**
32	1.50	65	18	**F110M32X1.5**
35	1.50	65	18	**F110M35X1.5**
36	1.50	65	18	**F110M36X1.5**
40	1.50	75	20	**F110M40X1.5**

F120

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F120

UNC | HSS | ISO 2568 | 2A | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

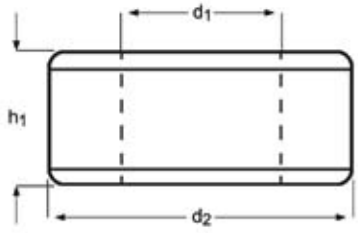
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

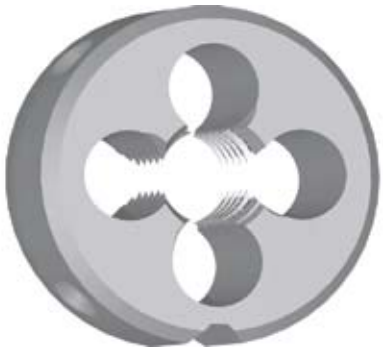
UNC	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
8	32	4.17	20	7	**F1208-32**
10	24	4.83	20	7	**F12010-24**
1/4	20	6.35	20	7	**F1201/4**
5/16	18	7.94	25	9	**F1205/16**
3/8	16	9.53	30	11	**F1203/8**
7/16	14	11.11	30	11	**F1207/16**

UNC	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
1/2	13	12.70	38	14	**F1201/2**
9/16	12	14.29	38	14	**F1209/16**
5/8	11	15.88	45	18	**F1205/8**
3/4	10	19.05	45	18	**F1203/4**
7/8	9	22.23	55	22	**F1207/8**
1“	8	25.40	55	22	**F1201**

F130

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F130

UNF | HSS | ISO 2568 | 2A | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

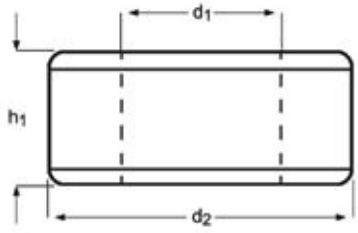
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

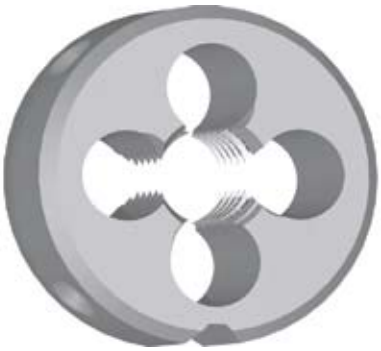
UNF	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
10	32	4.83	20	7	**F13010-32**
1/4	28	6.35	20	7	**F1301/4**
5/16	24	7.94	25	9	**F1305/16**
3/8	24	9.53	30	11	**F1303/8**
7/16	20	11.11	30	11	**F1307/16**
1/2	20	12.70	38	10	**F1301/2**

UNF	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
9/16	18	14.29	38	10	**F1309/16**
5/8	18	15.88	45	14	**F1305/8**
3/4	16	19.05	45	14	**F1303/4**
7/8	14	22.23	55	16	**F1307/8**
1“	12	25.40	55	16	**F1301**

F140

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F140

BSW | HSS | ISO 2568 | MEDIUM | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

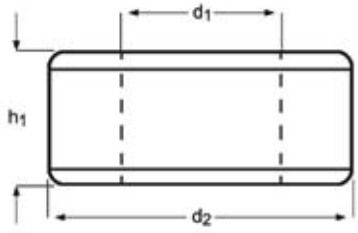
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

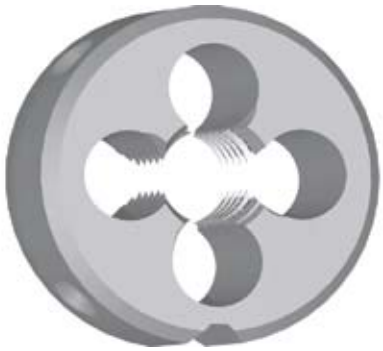
BSW	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
1/8	40	3.17	20	5	**F1401/8**
3/16	24	4.76	20	7	**F1403/16**
1/4	20	6.35	20	7	**F1401/4**
5/16	18	7.94	25	9	**F1405/16**
3/8	16	9.53	30	11	**F1403/8**
7/16	14	11.11	30	11	**F1407/16**

BSW	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
1/2	12	12.70	38	14	**F1401/2**
5/8	11	15.88	45	18	**F1405/8**
3/4	10	19.05	45	18	**F1403/4**
7/8	9	22.23	55	22	**F1407/8**
1“	8	25.40	55	22	**F1401**

F150

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F150

BSF | HSS | ISO 2568 | MEDIUM | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

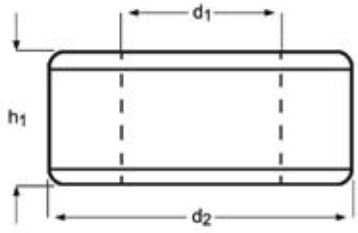
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

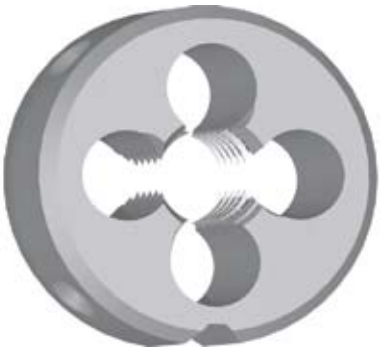
BSF	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
3/16	32	4.76	20	7	**F1503/16**
1/4	26	6.35	25	9	**F1501/4**
5/16	22	7.94	25	9	**F1505/16**
3/8	20	9.53	30	11	**F1503/8**

BSF	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
7/16	18	11.11	30	11	**F1507/16**
1/2	16	12.70	38	10	**F1501/2**

F170

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F170

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

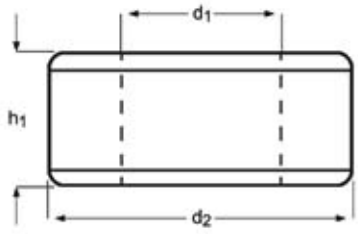
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

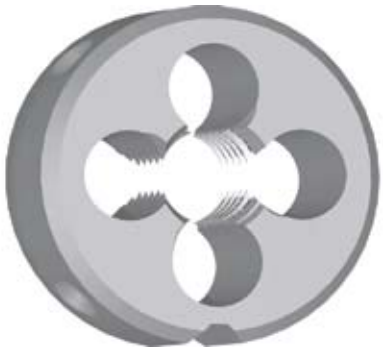
G(BSP)	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
1/8	28	9.73	30	11	**F1701/8**
1/4	19	13.16	38	10	**F1701/4**
3/8	19	16.66	45	14	**F1703/8**
1/2	14	20.96	45	14	**F1701/2**
5/8	14	22.91	55	16	**F1705/8**
3/4	14	26.44	55	16	**F1703/4**

G(BSP)	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
7/8	14	30.20	65	18	**F1707/8**
1“	11	33.25	65	18	**F1701**
1.1/8	11	37.89	75	20	**F1701.1/8**
1.1/4	11	41.91	75	20	**F1701.1/4**
1.1/2	11	47.80	90	22	**F1701.1/2**
2“	11	59..61	105	22	**F1702**

F180

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F180

NPT | HSS | ISO 2568 | NORMAL | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

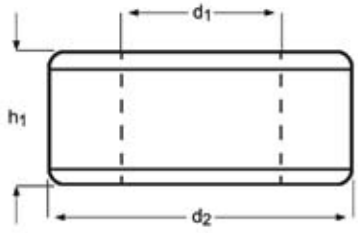
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

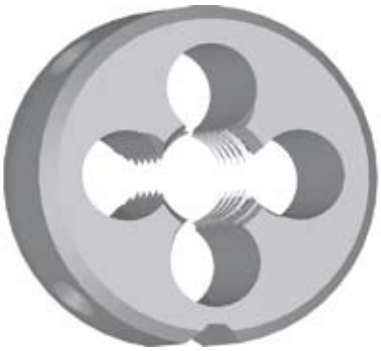
NPT	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
1/8	27	9.49	30	11	**F1801/8**
1/4	18	12.49	38	14	**F1801/4**
3/8	18	15.93	45	14	**F1803/8**
1/2	14	19.77	45	18	**F1801/2**

NPT	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
3/4	14	25.12	55	22	**F1803/4**
1“	11.5	31.46	65	25	**F1801**

F190

- Závitovací očka
- Filiere
- Menetmetsző
- Круглые плашки
- Narzynki
- navojna čeljust





F190

PG | HSS | ISO 2568 | NORMAL | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

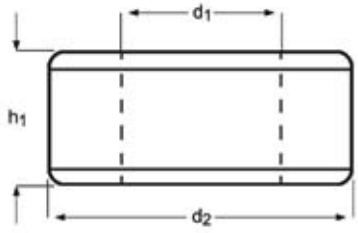
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

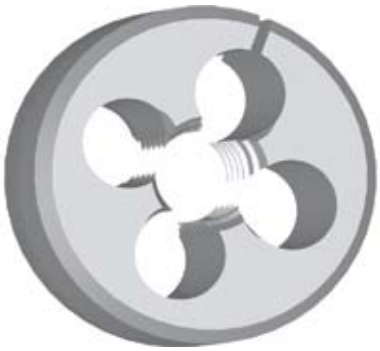
PG	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
7	20	12.5	38	10	**F190PG7**
9	18	15.2	38	10	**F190PG9**
11	18	18.6	45	14	**F190PG11**
13.5	18	20.4	45	14	**F190PG13.5**

PG	TPI	d_1 nom mm	d_2 Ø mm	h_1 mm	e-Code
16	18	22.5	55	16	**F190PG16**
21	16	28.3	65	18	**F190PG21**
29	16	37.0	65	18	**F190PG29**
36	16	47.0	90	22	**F190PG36**

F300

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





L120 397

F300

M | HSS | BS 1127: 1950 | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

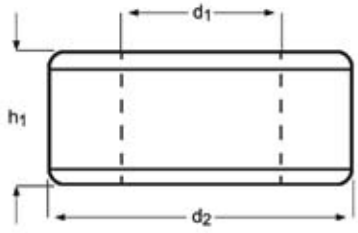
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

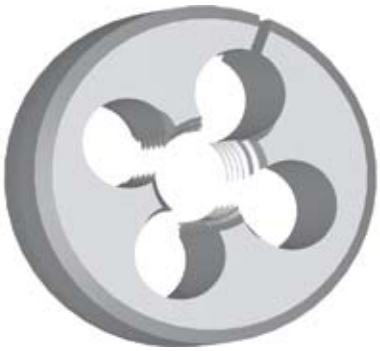
M	P mm	d_2 Ø Inch	h1 Inch	e-Code
2	0.40	13/16	1/4	**F300M2X13/16**
2.5	0.45	13/16	1/4	**F300M2.5X13/16**
3	0.50	13/16	1/4	**F300M3X13/16**
3.5	0.60	13/16	1/4	**F300M3.5X13/16**
4	0.70	13/16	1/4	**F300M4X13/16**
5	0.80	13/16	1/4	**F300M5X13/16**
5	0.80	1“	3/8	**F300M5X1**
6	1.00	13/16	1/4	**F300M6X13/16**
6	1.00	1“	3/8	**F300M6X1**
6	1.00	1.5/16	7/16	**F300M6X1.5/16**
7	1.00	13/16	1/4	**F300M7X13/16**
7	1.00	1“	3/8	**F300M7X1**
8	1.25	1“	3/8	**F300M8X1**
8	1.25	1.5/16	7/16	**F300M8X1.5/16**
9	1.25	1“	3/8	**F300M9X1**
9	1.25	1.5/16	7/16	**F300M9X1.5/16**
10	1.50	1“	3/8	**F300M10X1**
10	1.50	1.5/16	7/16	**F300M10X1.5/16**

M	P mm	d_2 Ø Inch	h1 Inch	e-Code
10	1.50	1.1/2	1/2	**F300M10X1.1/2**
11	1.50	1.5/16	7/16	**F300M11X1.5/16**
12	1.75	1.5/16	7/16	**F300M12X1.5/16**
12	1.75	1.1/2	1/2	**F300M12X1.1/2**
14	2.00	1.5/16	7/16	**F300M14X1.5/16**
14	2.00	1.1/2	1/2	**F300M14X1.1/2**
16	2.00	1.1/2	1/2	**F300M16X1.1/2**
16	2.00	2“	5/8	**F300M16X2**
18	2.50	1.1/2	1/2	**F300M18X1.1/2**
18	2.50	2“	5/8	**F300M18X2**
20	2.50	1.1/2	1/2	**F300M20X1.1/2**
20	2.50	2“	5/8	**F300M20X2**
22	2.50	2“	5/8	**F300M22X2**
24	3.00	2“	5/8	**F300M24X2**
27	3.00	3“	7/8	**F300M27X3**
30	3.50	3“	7/8	**F300M30X3**
36	4.00	3“	7/8	**F300M36X3**

F301

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F301

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

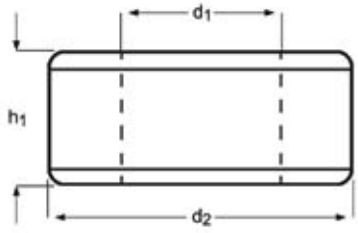
M	P mm	d_2 Ø Inch	h1 Inch	e-Code
3	0.50	13/16	1/4	**F301M3X13/16**
4	0.70	13/16	1/4	**F301M4X13/16**
5	0.80	13/16	1/4	**F301M5X13/16**
6	1.00	13/16	1/4	**F301M6X13/16**
8	1.25	1“	3/8	**F301M8X1**
10	1.50	1“	3/8	**F301M10X1**

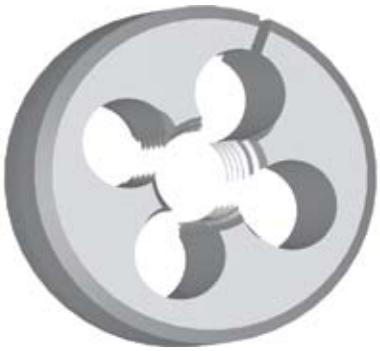
M	P mm	d_2 Ø Inch	h1 Inch	e-Code
12	1.75	1.5/16	7/16	**F301M12X1.5/16**
16	2.00	1.1/2	1/2	**F301M16X1.1/2**
20	2.50	2“	5/8	**F301M20X2**

F310

DORMER

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F310

MF | HSS | BS 1127: 1950 | 1,75xP

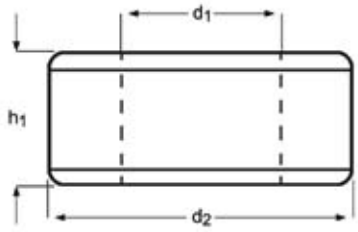
■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

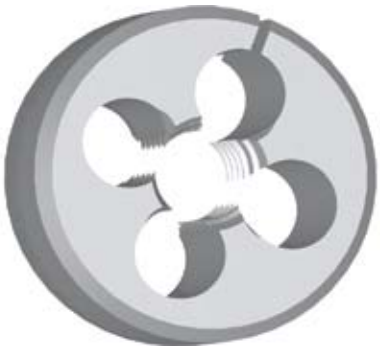
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

MF	P mm	d_2 Ø Inch	h1 Inch	e-Code
3	0.35	13/16	1/4	**F310M3X.35X13/16**
4	0.50	13/16	1/4	**F310M4X.5X13/16**
4	0.75	13/16	1/4	**F310M4X.75X13/16**
5	0.50	13/16	1/4	**F310M5X.5X13/16**
5	0.90	13/16	1/4	**F310M5X.9X13/16**
6	0.75	13/16	1/4	**F310M6X.75X13/16**
8	0.75	1“	3/8	**F310M8X.75X1**
8	1.00	1“	3/8	**F310M8X1.0X1**
9	1.00	1“	3/8	**F310M9X1.0X1**
10	0.75	1“	3/8	**F310M10X.75X1**
10	1.00	1“	3/8	**F310M10X1.0X1**
10	1.25	1“	3/8	**F310M10X1.25X1**
10	1.25	1.5/16	7/16	**F310M10X1.25X1.5/16**
12	1.00	1.5/16	7/16	**F310M12X1.0X1.5/16**
12	1.25	1.5/16	7/16	**F310M12X1.25X1.5/16**
12	1.50	1.5/16	7/16	**F310M12X1.5X1.5/16**
14	1.25	1.5/16	7/16	**F310M14X1.25X1.5/16**
14	1.50	1.5/16	7/16	**F310M14X1.5X1.5/16**
16	1.00	1.1/2	1/2	**F310M16X1.0X1.1/2**
16	1.50	1.1/2	1/2	**F310M16X1.5X1.1/2**
18	1.50	1.1/2	1/2	**F310M18X1.5X1.1/2**
20	1.00	1.1/2	1/2	**F310M20X1.0X1.1/2**
20	1.50	2“	5/8	**F310M20X1.5X2**
20	2.00	1.1/2	1/2	**F310M20X2.0X1.1/2**
22	1.50	2“	5/8	**F310M22X1.5X2**
24	1.50	2“	5/8	**F310M24X1.5X2**
24	2.00	2“	5/8	**F310M24X2.0X2**
25	1.50	2“	5/8	**F310M25X1.5X2**
27	2.00	2.1/4	11/16	**F310M27X2.0X2.1/4**
30	2.00	2.1/4	11/16	**F310M30X2.0X2.1/4**

F320

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F320

UNC | HSS | BS 1127: 1950 | 1,75xP

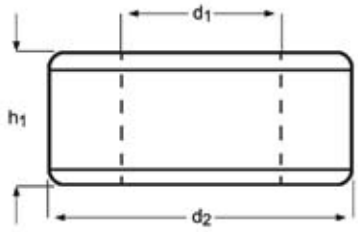
■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

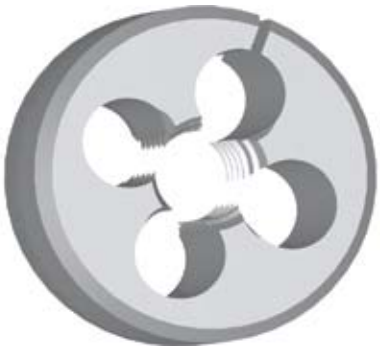
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

UNC	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
4	40	2.85	13/16	1/4	**F3204-40X13/16**
5	40	3.18	13/16	1/4	**F3205-40X13/16**
6	32	3.51	13/16	1/4	**F3206-32X13/16**
8	32	4.17	13/16	1/4	**F3208-32X13/16**
8	32	4.17	1“	3/8	**F3208-32X1**
10	24	4.83	13/16	1/4	**F32010-24X13/16**
10	24	4.83	1“	3/8	**F32010-24X1**
12	24	5.49	13/16	1/4	**F32012-24X13/16**
1/4	20	6.35	13/16	1/4	**F3201/4X13/16**
1/4	20	6.35	1“	3/8	**F3201/4X1**
1/4	20	6.35	1.5/16	7/16	**F3201/4X1.5/16**
1/4	20	6.35	1.1/2	1/2	**F3201/4X1.1/2**
5/16	18	7.94	1“	3/8	**F3205/16X1**
5/16	18	7.94	1.1/2	1/2	**F3205/16X1.1/2**
3/8	16	9.53	1“	3/8	**F3203/8X1**
3/8	16	9.53	1.5/16	7/16	**F3203/8X1.5/16**
3/8	16	9.53	1.1/2	1/2	**F3203/8X1.1/2**
7/16	14	11.11	1.5/16	7/16	**F3207/16X1.5/16**
7/16	14	11.11	1.1/2	1/2	**F3207/16X1.1/2**
1/2	13	12.70	1.5/16	7/16	**F3201/2X1.5/16**
1/2	13	12.70	1.1/2	1/2	**F3201/2X1.1/2**
1/2	13	12.70	2“	5/8	**F3201/2X2**
9/16	12	14.29	1.1/2	1/2	**F3209/16X1.1/2**
5/8	11	15.88	1.1/2	1/2	**F3205/8X1.1/2**
5/8	11	15.88	2“	5/8	**F3205/8X2**
3/4	10	19.05	1.1/2	1/2	**F3203/4X1.1/2**
3/4	10	19.05	2“	5/8	**F3203/4X2**
7/8	9	22.23	2“	5/8	**F3207/8X2**
1“	8	25.40	2“	5/8	**F3201X2**
1.1/8	7	28.58	3“	7/8	**F3201.1/8X3**
1.1/4	7	31.75	3“	7/8	**F3201.1/4X3**

F330

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F330

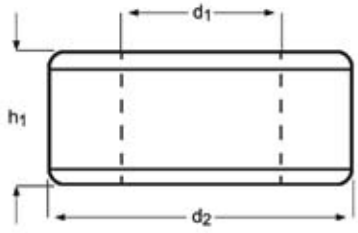
■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

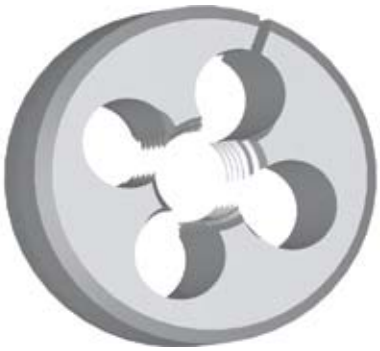
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

UNF	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
4	48	2.85	13/16	1/4	**F3304-48X13/16**
5	44	3.18	13/16	1/4	**F3305-44X13/16**
6	40	3.51	13/16	1/4	**F3306-40X13/16**
8	36	4.17	13/16	1/4	**F3308-36X13/16**
10	32	4.83	13/16	1/4	**F33010-32X13/16**
10	32	4.83	1“	3/8	**F33010-32X1**
12	28	5.49	13/16	1/4	**F33012-28X13/16**
1/4	28	6.35	13/16	1/4	**F3301/4X13/16**
1/4	28	6.35	1“	3/8	**F3301/4X1**
1/4	28	6.35	1.1/2	1/2	**F3301/4X1.1/2**
5/16	24	7.94	1“	3/8	**F3305/16X1**
5/16	24	7.94	1.5/16	7/16	**F3305/16X1.5/16**
5/16	24	7.94	1.1/2	1/2	**F3305/16X1.1/2**
3/8	24	9.53	1“	3/8	**F3303/8X1**
3/8	24	9.53	1.5/16	7/16	**F3303/8X1.5/16**
3/8	24	9.53	1.1/2	1/2	**F3303/8X1.1/2**
7/16	20	11.11	1“	3/8	**F3307/16X1**
7/16	20	11.11	1.5/16	7/16	**F3307/16X1.5/16**
7/16	20	11.11	1.1/2	1/2	**F3307/16X1.1/2**
1/2	20	12.70	1.5/16	7/16	**F3301/2X1.5/16**
1/2	20	12.70	1.1/2	1/2	**F3301/2X1.1/2**
9/16	18	14.29	1.5/16	7/16	**F3309/16X1.5/16**
9/16	18	14.29	1.1/2	1/2	**F3309/16X1.1/2**
5/8	18	15.88	1.1/2	1/2	**F3305/8X1.1/2**
5/8	18	15.88	2“	5/8	**F3305/8X2**
3/4	16	19.05	1.1/2	1/2	**F3303/4X1.1/2**
3/4	16	19.05	2“	5/8	**F3303/4X2**
7/8	14	22.23	2“	5/8	**F3307/8X2**
1“	12	25.40	2“	5/8	**F3301X2**
1.1/8	12	28.58	3“	7/8	**F3301.1/8X3**
1.1/4	12	31.75	3“	7/8	**F3301.1/4X3**
1.1/2	12	38.10	3“	7/8	**F3301.1/2X3**

F340

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





L120 397

F340

BSW | HSS | BS 1127: 1950 | 1,75xP

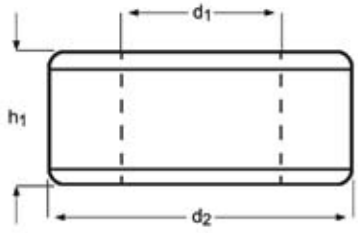
■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

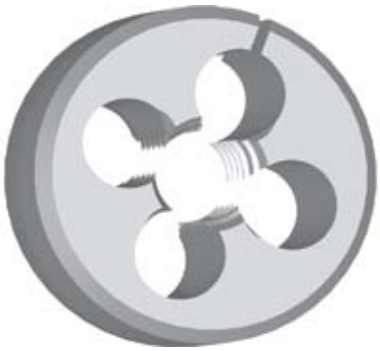
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

BSW	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
1/8	40	3.18	13/16	1/4	**F3401/8X13/16**
5/32	32	3.97	13/16	1/4	**F3405/32X13/16**
3/16	24	4.76	13/16	1/4	**F3403/16X13/16**
1/4	20	6.35	13/16	1/4	**F3401/4X13/16**
1/4	20	6.35	1“	3/8	**F3401/4X1**
1/4:	20	6.35	1.5/16	7/16	**F3401/4X1.5/16**
5/16	18	7.94	1“	3/8	**F3405/16X1**
5/16	18	7.94	1.5/16	7/16	**F3405/16X1.5/16**
3/8	16	9.53	1“	3/8	**F3403/8X1**
3/8	16	9.53	1.5/16	7/16	**F3403/8X1.5/16**
3/8	16	9.53	1.1/2	1/2	**F3403/8X1.1/2**
7/16	14	11.11	1.5/16	7/16	**F3407/16X1.5/16**
7/16	14	11.11	1.1/2	1/2	**F3407/16X1.1/2**
1/2	12	12.70	1.5/16	7/16	**F3401/2X1.5/16**
1/2	12	12.70	1.1/2	1/2	**F3401/2X1.1/2**
9/16	12	14.29	1.5/16	7/16	**F3409/16X1.5/16**
9/16	12	14.29	1.1/2	1/2	**F3409/16X1.1/2**
5/8	11	15.88	1.1/2	1/2	**F3405/8X1.1/2**
5/8	11	15.88	2“	5/8	**F3405/8X2**
3/4	10	19.05	1.1/2	1/2	**F3403/4X1.1/2**
3/4	10	19.05	2“	5/8	**F3403/4X2**
7/8	9	22.23	2“	5/8	**F3407/8X2**
1“	8	25.40	2“	5/8	**F3401X2**
1.1/4	7	31.75	3“	7/8	**F3401.1/4X3**

F350

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F350

BSF | HSS | BS 1127: 1950 | 1,75xP

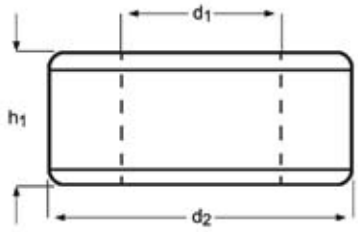
■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

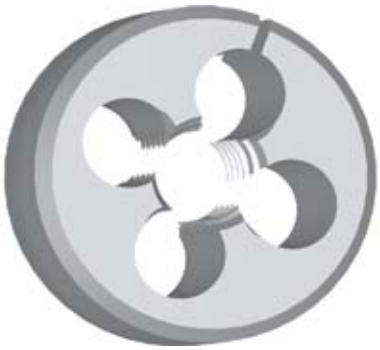
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

BSF	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
3/16	32	4.76	13/16	1/4	**F3503/16X13/16**
1/4	26	6.35	13/16	1/4	**F3501/4X13/16**
1/4	26	6.35	1“	3/8	**F3501/4X1**
1/4	26	6.35	1.5/16	7/16	**F3501/4X1.5/16**
5/16	22	7.94	1“	3/8	**F3505/16X1**
5/16	22	7.94	1.5/16	7/16	**F3505/16X1.5/16**
3/8	20	9.53	1“	3/8	**F3503/8X1**
3/8	20	9.53	1.5/16	7/16	**F3503/8X1.5/16**
7/16	18	11.11	1.5/16	7/16	**F3507/16X1.5/16**
1/2	16	12.70	1.5/16	7/16	**F3501/2X1.5/16**
1/2	16	12.70	1.1/2	1/2	**F3501/2X1.1/2**
5/8	14	15.88	1.1/2	1/2	**F3505/8X1.1/2**
3/4	12	19.05	2“	5/8	**F3503/4X2**
7/8	11	22.23	2“	5/8	**F3507/8X2**
1“	10	25.40	2“	5/8	**F3501X2**

F360

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F360

BA | HSS | BS 1127: 1950 | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

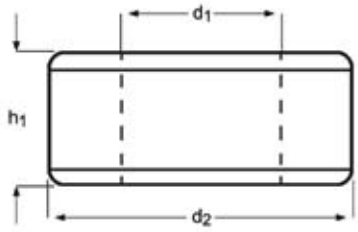
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

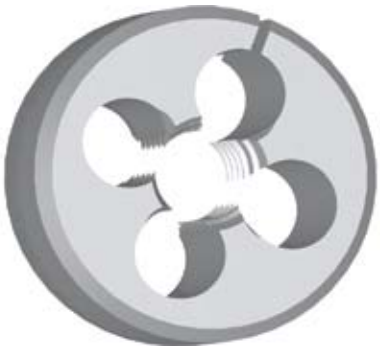
BA	P mm	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
10	0.35	1.70	13/16	1/4	**F360N10X13/16**
9	0.39	1.90	13/16	1/4	**F360N9X13/16**
8	0.43	2.20	13/16	1/4	**F360N8X13/16**
7	0.48	2.50	13/16	1/4	**F360N7X13/16**
6	0.53	2.80	13/16	1/4	**F360N6X13/16**
5	0.59	3.20	13/16	1/4	**F360N5X13/16**

BA	P mm	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
4	0.66	3.60	13/16	1/4	**F360N4X13/16**
3	0.73	4.10	13/16	1/4	**F360N3X13/16**
2	0.81	4.70	13/16	1/4	**F360N2X13/16**
1	0.90	5.30	13/16	1/4	**F360N1X13/16**
0	1.00	6.00	13/16	1/4	**F360N0X13/16**

F370

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F370

G | HSS | BS 1127: 1950 | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

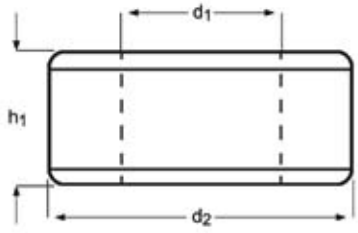
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

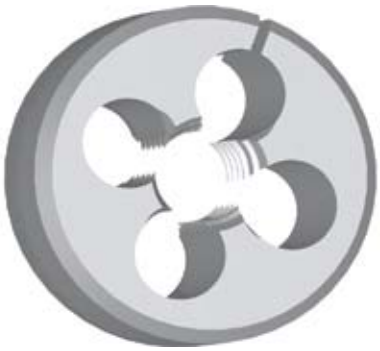
G(BSP)	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
1/8	28	9.73	1“	3/8	**F3701/8X1**
1/4	19	13.16	1.5/16	7/16	**F3701/4X1.5/16**
3/8	19	16.66	1.1/2	1/2	**F3703/8X1.1/2**
1/2	14	20.96	2“	5/8	**F3701/2X2**
5/8	14	22.91	2“	5/8	**F3705/8X2**
3/4	14	26.44	2“	5/8	**F3703/4X2**

G(BSP)	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
7/8	14	30.20	2.1/4	11/16	**F3707/8X2.1/4**
1“	11	33.25	2.1/4	11/16	**F3701X2.1/4**
1.1/4	11	41.91	3“	7/8	**F3701.1/4X3**
1.1/2	11	47.80	4“	1“	**F3701.1/2X4**

F380

- Závitovací očka stavitelná
- Állítható menetmetsző
- Narzynki nastawne
- Filiera reglabila
- Регулируемые плашки
- navojna čeljust





F380

Rc | HSS | BS 1127: 1950 | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

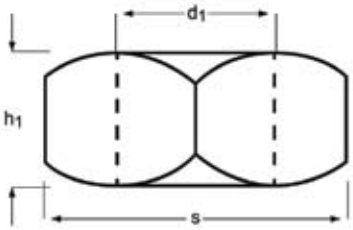
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

Rc	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
1/8	28	9.73	1“	3/8	**F3801/8X1**
1/4	19	13.16	1.5/16	7/16	**F3801/4X1.5/16**
3/8	19	16.66	1.1/2	1/2	**F3803/8X1.1/2**
1/2	14	20.96	2“	5/8	**F3801/2X2**

Rc	TPI	d_1 nom mm	d_2 Ø Inch	h1 Inch	e-Code
3/4	14	26.44	2“	5/8	**F3803/4X2**
1“	11	33.25	2.1/4	11/16	**F3801X2.1/4**

F202

- Závitovací očka matice
- Menetmetsző
- Narzynki
- Filiere hexagonale
- Шестигранные плашки
- navojna čeljust



F202

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

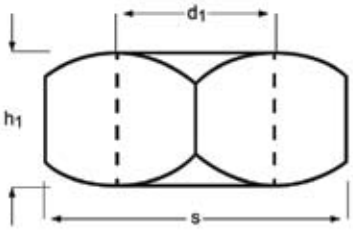
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

M	P mm	S	h_1 mm	e-Code
3	0.50	19	5	**F202M3**
4	0.70	19	5	**F202M4**
5	0.80	19	7	**F202M5**
6	1.00	19	7	**F202M6**
7	1.00	22	9	**F202M7**
8	1.25	22	9	**F202M8**
10	1.50	27	11	**F202M10**
12	1.75	36	14	**F202M12**
14	2.00	36	14	**F202M14**
16	2.00	41	18	**F202M16**

M	P mm	S	h_1 mm	e-Code
18	2.50	41	18	**F202M18**
20	2.50	41	18	**F202M20**
22	2.50	50	22	**F202M22**
24	3.00	50	22	**F202M24**
27	3.00	60	25	**F202M27**
30	3.50	60	25	**F202M30**
36	4.00	60	25	**F202M36**

F302

- Závitovací očka matice
- Menetmetsző
- Narzynki
- Filiere hexagonale
- Шестигранные плашки
- navojna čeljust



F302

M | HSS | BS 1127: 1950 | 6g | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

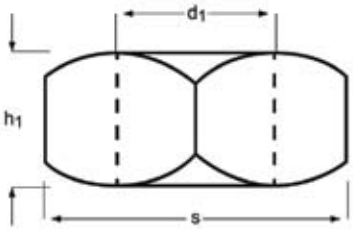
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

M	P mm	S Inch	h1 Inch	e-Code
3	0.50	0.71	1/4	**F302M3**
4	0.70	0.71	1/4	**F302M4**
5	0.80	0.71	1/4	**F302M5**
6	1.00	0.71	1/4	**F302M6**
7	1.00	0.82	5/16	**F302M7**
8	1.25	0.82	5/16	**F302M8**
9	1.25	0.92	3/8	**F302M9**
10	1.50	0.92	3/8	**F302M10**
11	1.50	1.01	7/16	**F302M11**
12	1.75	1.10	1/2	**F302M12**

M	P mm	S Inch	h1 Inch	e-Code
14	2.00	1.30	5/8	**F302M14**
16	2.00	1.30	5/8	**F302M16**
18	2.50	1.48	11/16	**F302M18**
20	2.50	1.48	11/16	**F302M20**
22	2.50	1.67	13/16	**F302M22**
24	3.00	2.05	15/16	**F302M24**
27	3.00	2.22	1.1/16	**F302M27**
30	3.50	2.22	1.1/16	**F302M30**
33	3.50	2.58	1.1/8	**F302M33**
36	4.00	2.76	1.1/4	**F302M36**

F312

- Závitovací očka matice
- Menetmetsző
- Narzynki
- Filiere hexagonale
- Шестигранные плашки
- navojna čeljust



F312

MF | HSS | BS 1127: 1950 | 6g | 1,75xP

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

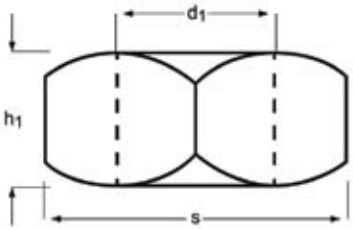
● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

MF	P mm	S Inch	h1 Inch	e-Code
8	0.75	0.82	5/16	**F312M8X.75**
8	1.00	0.82	5/16	**F312M8X1.0**
10	1.00	0.92	3/8	**F312M10X1.0**
10	1.25	0.92	3/8	**F312M10X1.25**
12	1.00	1.01	7/16	**F312M12X1.0**
12	1.25	1.01	7/16	**F312M12X1.25**
12	1.50	1.01	7/16	**F312M12X1.5**
14	1.50	1.30	5/8	**F312M14X1.5**

MF	P mm	S Inch	h1 Inch	e-Code
16	1.50	1.30	5/8	**F312M16X1.5**
18	1.50	1.48	11/16	**F312M18X1.5**
20	1.50	1.48	11/16	**F312M20X1.5**
22	1.50	1.67	13/16	**F312M22X1.5**
24	1.50	2.05	15/16	**F312M24X1.5**
24	2.00	2.05	15/16	**F312M24X2.0**

F272

- Závitovací očka matice
- Menetmetsző
- Narzynki
- Filiere hexagonale
- Шестигранные плашки
- navojna čeljust



F272

■ 1.1 1.2 1.3 3.1 3.2 3.3 7.1 7.2 7.3

● 1.4 2.1 2.2 3.4 4.3 5.1 5.2 5.3 6.1 6.2 6.3 7.4 8.1 8.2 8.3

G(BSP)	TPI	d_1 nom mm	S	h_1 mm	e-Code
1/8	28	9.73	27	11	**F2721/8**
1/4	19	13.16	36	10	**F2721/4**
3/8	19	16.66	41	14	**F2723/8**
1/2	14	20.96	41	14	**F2721/2**

G(BSP)	TPI	d_1 nom mm	S	h_1 mm	e-Code
3/4	14	26.44	60	18	**F2723/4**
1“	11	33.25	60	18	**F2721**
1.1/4	11	41.91	70	20	**F2721.1/4**
1.1/2	11	47.80	85	22	**F2721.1/2**

S

595 - 740

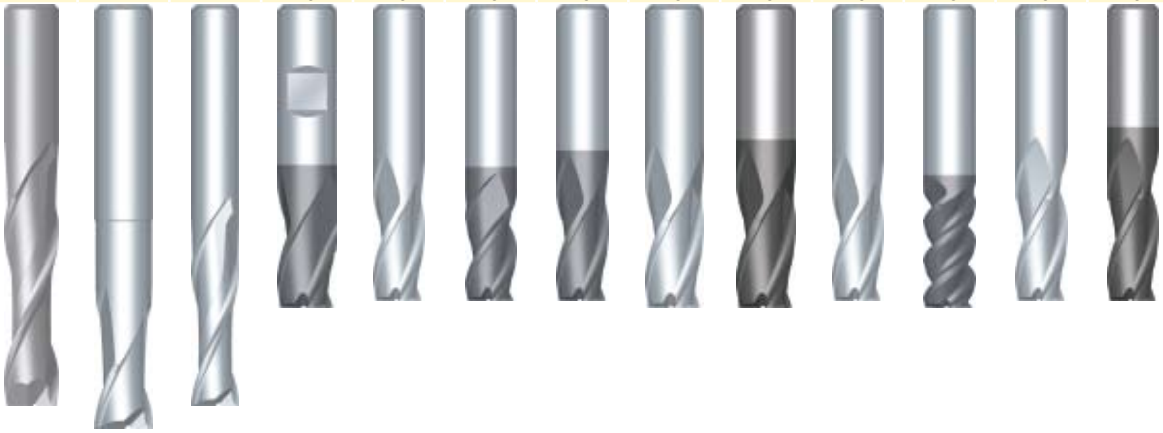
C

595 - 740

D

	S124	S125	S150	S152	S102	S002	S022	S120	S122	S902	S005	S015	S140
	N	N	N	N	N	N	N	N	N	N	N	N	N
	z1	z1	z2	z2	z2	z2	z2	z2	z2	z2	z2	z2	z2
													
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
		TiCN	TiAlN X	TiAlN X	TiAlN X		Super G		TiAlN X			Super G	
	DIN 6527	DIN 6527	D	D	DIN 6527	D	D	DIN 6527	DIN 6527	D	D	D	D
					P9	P9	P9				P9	P9	
	h10	h10	h9	h9	ø8 ↓h10			h10	h10	h10			h10
	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°
	HSM	HSM	HSM	HSM									HSM
	3.00 - 10.00	3.00 - 10.00	0.40 - 1.00	0.50 - 1.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	1.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00
										NEW 2008.09			NEW 2007.10
	603	**603**	**604**	**604**	**605**	**606**	**606**	**607**	**607**	**608**	**609**	**609**	**610**
1.1	■55A		■180B	■180B	■200B	■80B	■140B	●109B	■182B	■65B	■80B	■130B	
1.2	■44A		■180B	■180B	■200B	■80B	■140B	●109B	■182B	■65B	■80B	■130B	
1.3	●38B		■150B	■150B	■130B	■70B	■115B	●81B	■118B	■55B	■70B	■110B	
1.4	●33B		■150B	■150B	■130B	■60B	■99B	●81B	■118B	■50B	■60B	■90B	
1.5			■120B	■120B	■100B	●40B	■66B		■91B	●30B	●40B	■60B	
1.6			■80B	■80B	■80B		●46B		■73B			●46B	
1.7			■70A	■70A	■50A				■45A				
1.8			■40A	■40A	●40A				●36A				
2.1	●25F		■90A	■90A	●90A		●73A		●81A			●70A	
2.2			■70A	■70A	●60A		●56A		●54A			●50A	
2.3			■60A	■60A	●60A		●44A		●54A			●40A	
2.4													
3.1	●30A		■160B	■160B	■150B	■60B	■105B	●109B	■136B	■55B	■60B	■100B	
3.2	●25A		■140B	■140B	■90B	●40B	■77B	●54B	■82B	●30B	●40B	■70B	
3.3	●44B		■165B	■165B	■120B	■60B	■99B	●90B	■109B	■55B	■60B	■90B	
3.4	●27B		■130B	■130B	■80B	●40B	■77B	●54B	■73B	●30B	●40B	■70B	
4.1	●30D				■150B	■80B	■123B	■109B	■136B	■65B	■80B	■110B	
4.2	●25D		■100B	■100B	■100B	●40B	■66B	■72B	■91B	●30B	●40B	■60B	
4.3			■65B	■65B	■50B	●20B	■33B	■36B	■45B	●15B	●20B	■30B	
5.1	■52D				■150B	■80B	■176B	●109B	■136B	■65B	■80B	■160B	
5.2	●14C		■55A	■55A	■30A			●22A	■27A				
5.3			■30A	■30A	■25A			●18A	■23A				
6.1	■137C		■450C	■450C	■400C	■180C	■287C	■250C	■365C	■145C	■180C	■260C	
6.2	■137C		■450C	■450C	■400C	■180C	■287C	■250C	■365C	■145C	■180C	■260C	
6.3	■137C		■450C	■450C	■400C	■180C	■287C	■250C	■365C	■145C	■180C	■260C	
6.4			■60B	■60B	■60B	●35B	■44B			●28B	●35B		
7.1	■330E	●950C	■950C	■950C	●950C	●700C	●1000C	●950C	●950C	●550C	●700C	●1000C	■800A
7.2	■330E	●950C	■950C	■950C	●950C	●700C	●1000C	●950C	●950C	●550C	●700C	●1000C	■1000A
7.3	●99E	■600C	■725C	■725C	●600C	●200C	●330C	●318C	●545C	●170C	●200C	●330C	■1000A
7.4		■350B	■350B	■350B	●350B		●163B	●181B	●318B			●163B	
8.1	●137C	■350C			●350C	●200C	●330C	●227C	●318C	●160C	●200C	●330C	■280A
8.2		■350C	■180C	■180C	●350C	●80C	●123C	●227C	●318C	●65C	●80C	●123C	
8.3		■350B	■120B	■120B	●350B	●40B		●227B	●318B	●30B	●40B	●66B	
9.1			■10A	■10A	■6A				■5A				
10.1			■275B	■275B									
a_z	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.8	1.0

DORMER

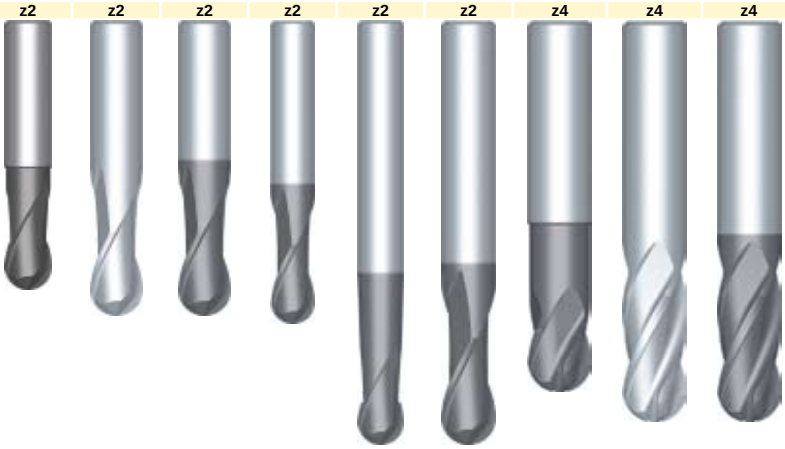
	S142	S130	S132	S302	S320	S311	S322	S003	S033	S903	S308	S006	S016
	N	N	N	N	N	N	N	N	N	N	N	N	N
	z2	z2	z2	z3	z3	z3	z3	z3	z3	z3	z3	z3	z3
													
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
				TiAlN X		TiAlN X	TiAlN X		Super G		TiAlN X		Super G
	D	D	D	DIN 6527	DIN 6527	DIN 6527	DIN 6527	D	D	D	DIN 6527	D	D
				P9				P9	P9			P9	P9
	h10	h10	h10	e8 h10	h10	h10	h10			h10	h10		
	λ 25°	λ 25°	λ 25°	λ 30°	λ 30°	λ 45°	λ 30°	λ 30°	λ 30°	λ 30°	λ 60°	λ 30°	λ 30°
	HSM	HSM	HSM										
	2.00 - 20.00	2.00 - 20.00	2.00 - 12.00	2.00 - 20.00	1.00 - 20.00	4.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	10.00 - 20.00	2.00 - 20.00	2.00 - 20.00
	NEW 2007.10									NEW 2008.09			

	610	611	611	612	613	613	614	615	615	616	617	618	618
1.1				■200B	●109B	■181B	■181B	■80B	■140B	■65B	■153B	■80B	■140B
1.2				■200B	●109B	■181B	■181B	■80B	■140B	■65B	■153B	■80B	■140B
1.3				■130B	●81B	■118B	■118B	■70B	■115B	■55B	■100B	■70B	■115B
1.4				■130B	●81B	■118B	■118B	■60B	■99B	■50B	●100B	■60B	■99B
1.5				■100B		■90B	■90B	●40B	■66B	●30B	●76B	●40B	■66B
1.6				■80B		■72B	■72B		●46B		●61B		●46B
1.7				■50A		●45A	■45A				●38A		
1.8				●40A		●36A	●36A				●30A		
2.1						■81A			●73A		■69A		●73A
2.2						■54A			●56A		●46A		●56A
2.3						■54A			●44A		●46A		●44A
2.4													
3.1				■150B	●109B	●136B	■136B	■60B	■105B	■55B	●115B	■60B	■105B
3.2				■90B	●54B	●81B	■81B	●40B	■77B	●30B	●69B	●40B	■77B
3.3				■120B	●90B	●109B	■109B	■60B	■99B	■55B	●92B	■60B	■99B
3.4				■80B	●54B	●72B	■72B	●40B	■77B	●30B	●61B	●40B	■77B
4.1		■120B	■104B	●150B	●109B	■136B	●136B	■80B	■123B	■65B	■115B	■80B	■123B
4.2				●100B	●72B	■90B	●90B	●40B	■66B	●30B	●76B	●40B	■66B
4.3				●50B	●36B	■45B	●45B	●20B	■33B	●15B	●38B	●20B	■33B
5.1		■200B	■173B	■150B	●109B	■136B	■136B	■80B	■176B	■65B	■115B	■80B	■176B
5.2				■30A	●22A	■27A	■27A				●23A		
5.3				■25A	●18A	■22A	■22A						
6.1		■270C	■234C	■400C	■227C	●363C	■363C	■180C	■287C	■145C	●307C	■180C	■287C
6.2		■270C	■234C	■400C	■227C	●363C	■363C	■180C	■287C	■145C	●307C	■180C	■287C
6.3		■270C	■234C	■400C	■227C	●363C	■363C	■180C	■287C	■145C	●307C	■180C	■287C
6.4		■20B	■17B	■60B	■36C	●54B	■54B	●35B	■44B	●28B	●46B	●35B	■44B
7.1	■650A	■950C	■826C	■950C	■950C	●950C	■950C	●700C	●1000C	●550C	●950C	●700C	●1000C
7.2	■800A	■950C	■826C	■950C	■950C	●950C	■950C	●700C	●1000C	●550C	●950C	●700C	●1000C
7.3	■800A	■450C	■391C	■600C	■318C	●545C	■545C	●200C	●330C	●160C	●461C	●200C	●330C
7.4		■180B	■156B	■350B	■181B	●318B	■318B		●163B		●269B		●163B
8.1	■240A	■180C	■156C	■350C	■227C	●318C	■318C	●200C	●330C	●160C	●269C	●200C	●330C
8.2		■130C	■113C	■350C	■227C	●318C	■318C	●80C	●123C	●65C	●269C	●80C	●123C
8.3		■70B	■60B	■350B	■227B	●318B	■318B	●40B	●66B	●30B	●269B	●40B	●66B
9.1				■6A		■5A	■5A				■4A		
10.1													
a_z	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.8	0.8

	S326	S327	S271	S201	S004	S044	S904	S275	S276	S241	S007	S017	S250
	N	N	N	N	N	N	N	N	N	N	N	N	N
	z3	z3	z4	z4	z4	z4	z4	z4	z4	z4	z4	z4	z4
													
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
		TiAlN X	TiAlN X	TiAlN X		Super C			TiAlN X	TiAlN X		Super C	Super C
	D	D	DIN 6527	DIN 6527	D	D	D	DIN 6527	DIN 6527	DIN 6527	D	D	DIN 6527
	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
	h10	h10	h10	h10	h10	h10	h12	h10	h10	h10	h10	h10	h10
	λ 30°	λ 30°	λ 30°	λ 30°	λ 38°	λ 38°	λ 30°	λ 30°	λ 30°	λ 30°	λ 38°	λ 38°	λ° ≠
	2.00 - 20.00	2.00 - 20.00	4.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 20.00	2.00 - 25.00	3.50 - 20.00	2.00 - 20.00	2.00 - 20.00	3.00 - 20.00
							NEW 2008.09						
	619	**619**	**620**	**620**	**621**	**621**	**622**	**623**	**623**	**624**	**625**	**625**	**626**
1.1	•80B	▪133B	▪300B	▪300B	▪120B	▪211B	▪95B	•115B	▪230B	▪230B	▪120B	▪211B	▪260B
1.2	•80B	▪133B	▪250B	▪250B	▪120B	▪211B	▪95B	•115B	▪192B	▪192B	▪120B	▪211B	▪220B
1.3	•60B	▪86B	▪200B	▪200B	▪100B	▪165B	▪80B	•92B	▪153B	▪153B	▪100B	▪165B	▪175B
1.4	•60B	▪86B	▪200B	▪200B	•90B	▪153B	▪70B	•92B	▪153B	▪153B	▪90B	▪153B	▪175B
1.5		▪66B	▪150B	▪150B	•70B	▪120B	•55B		▪115B	▪115B	•70B	▪120B	▪130B
1.6		▪53B	▪120B	▪120B	•40B	▪77B	•30B		▪92B	▪92B	•40B	▪77B	▪105B
1.7		•33A	▪80A	▪80A					▪61A	▪61A			•70A
1.8													
2.1			▪150A	▪150A		•98A			▪115A	▪115A		•98A	▪130A
2.2			•100A	•100A		•66A			•76A	•76A		•66A	•90A
2.3			•100A	•100A		•66A			•76A	•76A		•66A	•90A
2.4													
3.1	•80B	▪100B	▪250B	▪250B	▪100B	▪198B	▪80B	•115B	▪192B	▪192B	▪100B	▪198B	▪220B
3.2	•40B	▪60B	▪150B	▪150B	•70B	▪131B	•55B	•76B	▪115B	▪115B	•70B	▪131B	▪130B
3.3	•66B	▪80B	▪150B	▪150B	▪90B	▪175B	▪70B	•96B	▪115B	▪115B	▪90B	▪175B	▪130B
3.4	•40B	▪53B	▪125B	▪125B	•70B	▪107B	•55B	•76B	▪96B	▪96B	•70B	▪107B	▪110B
4.1	•80B	•100B	▪250B	▪250B	▪120B	▪211B	▪95B	•153B	▪192B	▪192B	▪120B	▪211B	•220B
4.2	•53B	•66B	▪125B	▪125B	•50B	▪88B	•40B	•76B	▪96B	▪96B	•50B	▪88B	▪110B
4.3	•26B	•33B	▪80B	▪80B	•40B	▪66B	•30B	•46B	▪61B	▪61B	•40B	▪66B	▪70B
5.1	•80B	▪100B	▪250B	▪250B	▪170B	▪299B	▪135B	•153B	▪192B	▪192B	▪170B	▪299B	•220B
5.2	•16A	▪20A	▪50A	▪50A	•40A	▪55A	•30A	•30A	▪38A	▪38A	•40A	▪55A	▪45A
5.3	•13A	▪16A	▪40A	▪40A	•30A	▪43A	•25A	•23A	▪30A	▪30A	•30A	▪43A	▪35A
6.1	▪166C	▪266C	▪500C	▪500C	▪250C	▪467C	▪200C	▪269C	▪384C	▪384C	▪250C	▪467C	•430C
6.2	▪166C	▪266C	▪500C	▪500C	▪250C	▪440C	▪200C	▪269C	▪384C	▪384C	▪250C	▪440C	▪430C
6.3	▪166C	▪266C	▪500C	▪500C	▪250C	▪440C	▪200C	▪269C	▪384C	▪384C	▪250C	▪440C	•430C
6.4	▪26B	▪40B	▪80B	▪80B	•40B	▪77B	•30B	▪46B	▪61B	▪61B	•40B	▪77B	▪70B
7.1	▪950C	▪950C	•950C	•950C	•800C	•1100C	•640C	•950C	•950C	•950C	•800C	•1100C	•950C
7.2	▪950C	▪950C	•950C	•950C	•800C	•1100C	•640C	•950C	•950C	•950C	•800C	•1100C	•950C
7.3	▪233C	▪400C	•750C	•750C	•400C	•660C	•320C	•384C	•576C	•576C	•400C	•660C	▪650C
7.4	▪133B	▪233B	•400B	•400B		•330B		▪153B	•307B	•307B		•330B	•350B
8.1	▪166C	▪233C	•400C	•400C	•200C	•385C	•160C	•230C	•307C	•307C	•200C	•385C	•350C
8.2	▪166C	▪233C	▪400C	▪400C	•120C	•198C	•96C	•230C	▪307C	▪307C	•120C	•198C	▪350C
8.3	▪166B	▪233B	▪400B	▪400B	•70B	•107B	•55B	•230B	▪307B	▪307B	•70B	•107B	▪350B
9.1		▪4A	▪12A	▪12A		•15A			▪9A	▪9A		•15A	▪10A
10.1													•300B
a_z	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	0.8	1.0

DORMER

	S256	S251	S259	S306	S281	S282	S332	S333	S190	S290	S170	S105
	N	N	N	N	N	N	HR	HRA	N	N	N	N
	z4	z4	z4-5	z6	z6-8	z6-16	z4	z 4	z2	z4	z2-4	z2-4
												
	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM	HM
	x-Cera	Super G	TiAlN X	TiAlN X	TiAlN X	TiAlN X	TiCN	Super G	TiAlN X	TiAlN X	TiAlN X	Diamond
	DIN 6527	DIN 6527	DIN 6527	DIN 6527	D	DIN 6527	D	D	D	D	D	D
	h10	h10	h10	h10	h10	h10	h14	h14	h9	h9	h9	h10
	λ°	λ°	λ 45°	λ 60°	λ 30°	λ 30°	λ 40°	λ°	λ 30°	λ 30°	λ 30°	λ 30°
									HSM	HSM	HSM	HSM
	2.00 - 20.00	6.00 - 20.00	6.00 - 20.00	8.00 - 20.00	6.00 - 20.00	6.00 - 16.00	6.00 - 20.00	6.00 - 20.00	3.00 - 16.00	6.00 - 16.00	2.00 - 12.00	1.00 - 16.00
	NEW 2007.09											
	626	**627**	**627**	**628**	**629**	**629**	**630**	**630**	**631**	**631**	**632**	**632**
1.1	■245B	■220B	■200B	■300B	■300B		■150B	■150C				
1.2	■205B	■185B	■166B	■250B	■250B		■110B	■150C				
1.3	■160B	■145B	■133B	■200B	■200B		■110B	■130C	■300B	■300B		
1.4	■160B	■145B	■133B	■200B	■200B		■80B	■120C	■250B	■250B		
1.5	■120B	■110B	■100B	■150B	■150B		■60B	■100B	■200B	■200B		
1.6	■98B	■85B	■80B		■120B			●90A	■180B	■180B		
1.7	●65A	●57A	●53A			■80A			■140A	■140A	■70A	
1.8			●33A			■50A			■80A	■80A	■40A	
2.1	■120A	■110A	■100A	●150A	●150A				■180A	■180A		
2.2	■100A	●70A	■66A	●100A	●100A				■120A	■120A		
2.3	■80A	●70A	■66A	●100A	●100A				■120A	■120A		
2.4	■60A											
3.1	●205B	■185B	■166B	●250B	■250B		■90B	■140B	■300B	■300B		
3.2	●120B	■110B	■100B	●150B	■150B		■80B	■120B	■180B	■180B		
3.3	■120B	■110B	■100B	●150B	■150B		■90B	■140B	■180B	■180B		
3.4	■105B	■90B	■83B	●125B	■125B		■80B	■100B	■150B	■150B		
4.1	■205B	●185B	■166B	●250B	■250B							
4.2	■105B	■90B	■83B	■125B	■125B				■160B	■160B		
4.3	■65B	■58B	■53B	■80B	■80B				■100B	■100B		
5.1	■205B	●185B	■166B	●250B	■250B							
5.2	■40A	■35A	■33A	■50A	■50A				■80A	■80A		
5.3	■32A	■28A	■26A	■40A	■40A				■50A	■50A		
6.1	■400C	●370C	■333C	●500C	■500C			■300D				
6.2	■400C	■370C	■333C	■500C	■500C			■300D				
6.3	■400C	●370C	■333C	■500C	■500C			■300D				
6.4	■65B	■58B	■53B	■80B	■80B			●60A			■60B	
7.1	■950C	●950C	■950C		●950C							
7.2	■950C	●950C	■950C		●950C							
7.3	■610C	■555C	■500C		●750C			●400E				
7.4	■330B	●295B	■266B		●400B		■150B	■200D				■180B
8.1	●330C	●295C	●266C		●400C							
8.2	■330C	■295C	■266C		■400C		■110C	■150E				
8.3	■330B	■295B	■266B		■400B	■400B	■60B	■120E				■60B
9.1	●9A	■8A	●8A		■12A	■12A		●8A				
10.1		●250B									■275B	■275B
a_z	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

	S522	S500	S501	S505	S503	S502	S532	S510	S511
	N	N	N	N	N	N	N	N	N
	z2	z2	z2	z2	z2	z2	z4	z4	z4
									
	HM	HM	HM	HM	HM	HM	HM	HM	HM
	TiAlN X		TiAlN X	Diamond	TiAlN X	TiAlN X	TiAlN X		TiAlN X
	D	D	D	D	D	D	D	D	D
	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA
	h9	h9	h9	h9	h9	h9	h9	h9	h9
	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°
	HSM				HSM	HSM	HSM		
	1.00 - 16.00	1.00 - 20.00	1.00 - 16.00	1.00 - 12.00	1.00 - 16.00	1.00 - 16.00	6.00 - 16.00	3.00 - 16.00	3.00 - 16.00

	633	634	634	635	635	636	636	637	637
1.1		•109B	■181B					•115B	■230B
1.2		•109B	■181B					•115B	■192B
1.3	■300B	•81B	■118B		■300B	■272B	■300B	•92B	■153B
1.4	■250B	•81B	■118B		■250B	■227B	■250B	•92B	■153B
1.5	■200B		■90B		■200B	■181B	■200B		■115B
1.6	■180B		■72B		■180B	■163B	■180B		■92B
1.7	■140A		•45A		■140A	■127A	■140A		•61A
1.8	■80A				■80A	■72A	■80A		
2.1	■180A		■81A		■180A	■163A	■180A		■115A
2.2	■120A		■54A		■120A	■109A	■120A		■76A
2.3	■120A		■54A		■120A	■109A	■120A		■76A
2.4									
3.1	■300B	•109B	■136B		■300B	■272B	■300B	•115B	■192B
3.2	■180B	•54B	■81B		■180B	■163B	■180B	•76B	■115B
3.3	■180B	•90B	■109B		■180B	■163B	■180B	•96B	■115B
3.4	■150B	•54B	■72B		■150B	■136B	■150B	•76B	■96B
4.1		■109B	■136B					■153B	■192B
4.2	■160B	■72B	■90B		■160B	■145B	■160B	■76B	■96B
4.3	■100B	■36B	■45B		■100B	■90B	■100B	■46B	■61B
5.1		•109B	■136B					•153B	■192B
5.2	■80A	•22A	■27A		■80A	■72A	■80A	•30A	■38A
5.3	■50A	•18A	■22A		■50A	■45A	■50A	•23A	■30A
6.1		■227C	■363C					•269C	•384C
6.2		■227C	■363C					•269C	•384C
6.3		■227C	■363C					•269C	•384C
6.4		•36B	■54B					•46B	•61B
7.1		•950C	■950C					•950C	•950C
7.2		•950C	■950C					•950C	•950C
7.3		•454C	■681C					■384C	■576C
7.4		•181B	■363B	■318B				■153B	■307B
8.1		•227C	■318C					•230C	•307C
8.2		•227C	■318C					•230C	■307C
8.3		•227B	■318B	■109B				•230B	■307B
9.1			■5A						■9A
10.1				■250B					
a_z	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

DORMER

Z			fz	Ø mm mm/z ± 25%															
				>0,5	0.6	0.8	1	2	3	4	5	6	8	10	12	14	16	18	20
>4		↕ 1,5 ↔ 0,05	A									0.015	0.020	0.025	0.030	0.035	0.040	0.050	0.060
			B									0.045	0.050	0.060	0.075	0.080	0.090	0.100	0.110
			C									0.065	0.075	0.090	0.110	0.120	0.130	0.150	0.170
3-4		↕ 1,5 ↔ 0,1	A					0.010	0.020	0.030	0.040	0.045	0.050	0.060	0.075	0.080	0.090	0.100	0.120
			B					0.015	0.030	0.040	0.055	0.065	0.075	0.090	0.110	0.120	0.130	0.150	0.170
			C					0.015	0.030	0.040	0.055	0.085	0.100	0.120	0.140	0.150	0.170	0.200	0.220
3-4		↕ 1 ↔ 0,5	A				0.001	0.003	0.005	0.008	0.010	0.013	0.020	0.027	0.035	0.040	0.050	0.055	0.060
			B				0.002	0.004	0.008	0.012	0.015	0.020	0.030	0.040	0.050	0.060	0.070	0.080	0.090
			C				0.003	0.005	0.010	0.015	0.020	0.025	0.040	0.050	0.065	0.080	0.090	0.105	0.120
2-3		↕ 0,5 ↔ 1	A	0.001	0.001	0.002	0.002	0.005	0.009	0.013	0.017	0.020	0.023	0.035	0.040	0.050	0.055	0.060	0.070
			B	0.001	0.002	0.003	0.003	0.007	0.013	0.020	0.025	0.030	0.035	0.050	0.060	0.070	0.080	0.090	0.100
			C	0.002	0.003	0.004	0.004	0.009	0.017	0.025	0.033	0.040	0.045	0.065	0.080	0.090	0.105	0.120	0.130
3-4		↕ 0,5 ↔ 1 ↕ 1 ↔ 0,5	A									0.013	0.024	0.033	0.040	0.046	0.052	0.056	0.062
			B									0.015	0.031	0.039	0.046	0.055	0.061	0.068	0.077
			C									0.017	0.037	0.048	0.055	0.064	0.072	0.080	0.089
			D									0.025	0.047	0.060	0.068	0.079	0.089	0.100	0.110
			E									0.049	0.092	0.122	0.148	0.163	0.184	0.204	0.224
2 & 4		↕ 0,1 - 0,5mm ↔ 0,1 - 0,5mm	A					0.010	0.017	0.023	0.028	0.032	0.040	0.050	0.055	0.070	0.080		
			BC					0.015	0.022	0.030	0.035	0.040	0.050	0.060	0.070	0.085	0.100		
4		↕ 0,01 - 0,1 ↔ ≤ 1	A				0.003	0.008	0.015	0.022	0.030	0.040	0.050	0.055	0.065		0.080		
			BC				0.006	0.013	0.021	0.003	0.040	0.050	0.060	0.070	0.080		0.100		

Z			fz	S002, S022, S003, S033, S004, S044, S005, S015, S006, S016, S007, S017, S902, S903, S904 Ø mm mm/z ± 25%									
				2	3	4	5	6	8	10	12	14	16	20
3-4		↕ 1,5 ↔ 0,1	A	0.012	0.019	0.028	0.036	0.048	0.048	0.070	0.080	0.090	0.107	0.134
			B	0.015	0.022	0.034	0.042	0.057	0.057	0.079	0.094	0.110	0.126	0.155
			C	0.016	0.025	0.038	0.047	0.063	0.063	0.088	0.106	0.123	0.141	0.176
3-4		↕ 1,5 ↔ 0,25	A	0.010	0.015	0.023	0.028	0.038	0.038	0.053	0.064	0.075	0.085	0.107
			B	0.012	0.018	0.027	0.034	0.046	0.046	0.063	0.076	0.088	0.100	0.125
			C	0.013	0.020	0.030	0.038	0.051	0.051	0.070	0.084	0.099	0.113	0.141
2-3		↕ 0,5 ↔ 1	A	0.005	0.007	0.009	0.013	0.016	0.024	0.033	0.040	0.046	0.053	0.053
			B	0.006	0.008	0.011	0.016	0.019	0.029	0.040	0.048	0.056	0.064	0.064
			C	0.006	0.009	0.012	0.017	0.021	0.031	0.043	0.051	0.060	0.068	0.068
2-3		↕ 1 ↔ 1	A	0.002	0.004	0.006	0.007	0.011	0.013	0.019	0.027	0.032	0.037	0.042
			B	0.004	0.007	0.009	0.013	0.015	0.023	0.032	0.038	0.045	0.051	0.051
			C	0.005	0.007	0.010	0.014	0.016	0.025	0.034	0.041	0.048	0.055	0.055

Z			fz	S140 / S142 Ø mm mm/z ± 25%								
				2	4	6	8	10	12	14	16	20
S140		↕ 1,5 ↔ 0,1	A	0.013	0.033	0.049	0.065	0.081	0.088	0.101	0.130	0.163
S140 S142		↕ 1,5 ↔ 0,5	A	0.020	0.050	0.075	0.100	0.125	0.135	0.155	0.200	0.250
S142		↕ 4 ↔ 0,5	A	0.017	0.042	0.063	0.083	0.105	0.113	0.130	0.167	0.208

S124 / S125

- Stopkové frézy jednobřité
- Egyélű Ujjmaró
- Frezy walcowo-czolowe jednoostrzowe
- Freze cilindrice cu un tais
- Однозубые концевые фрезы
- rezkar enorezni

S124

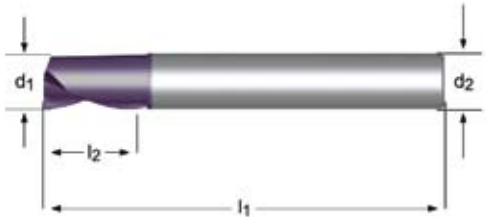
N | HM | DIN 6527 | DIN 6535 HA | h10 | λ 30° | HSM

■ 1.1 1.2 5.1 6.1 6.2 6.3 7.1 7.2

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
3.00	6	7	57	1	**S1243.0**
4.00	6	8	57	1	**S1244.0**
5.00	6	10	57	1	**S1245.0**
6.00	6	10	57	1	**S1246.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
8.00	8	16	63	1	**S1248.0**
10.00	10	19	72	1	**S12410.0**



S125

N | HM | TiCN | DIN 6527 | DIN 6535 HA | h10 | λ 30° | HSM

■ 7.3 7.4 8.1 8.2 8.3

● 7.1 7.2

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
3.00	6	7	57	1	**S1253.0**
4.00	6	8	57	1	**S1254.0**
5.00	6	10	57	1	**S1255.0**
6.00	6	10	57	1	**S1256.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
8.00	8	16	63	1	**S1258.0**
10.00	10	19	72	1	**S12510.0**

S150 / S152

- Mini stopkové frézy
- Freze cilindro-frontale pentru degrosare
- Mini Maró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi

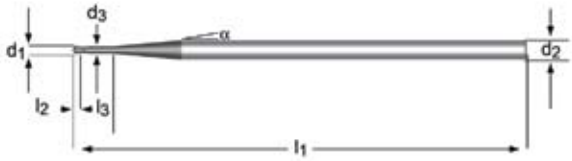
S150

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.1
6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 8.3 9.1 10.1

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	α	
mm	mm	mm	mm	z	mm	mm		e-Code
0.4	3	0.4	38	2	1.0	0.36	30°	**S150.4**
0.5	3	0.5	38	2	1.2	0.46	30°	**S150.5**
0.6	3	0.6	38	2	1.5	0.56	30°	**S150.6**
0.8	3	0.8	38	2	2.0	0.76	30°	**S150.8**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	α	
mm	mm	mm	mm	z	mm	mm		e-Code
1.0	3	1.0	38	2	2.5	0.96	30°	**S1501.0**



S152

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

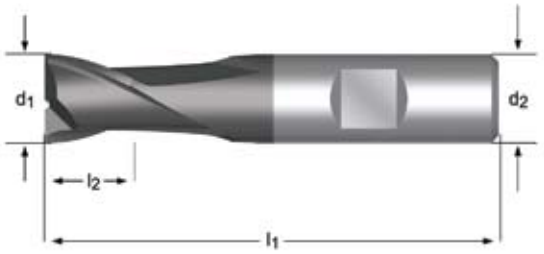
■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.1
6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 8.3 9.1 10.1

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	α	
mm	mm	mm	mm	z	mm	mm		e-Code
0.5	3	0.5	60	2	2.5	0.46	30°	**S152.5**
0.6	3	0.6	60	2	3.0	0.56	30°	**S152.6**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	α	
mm	mm	mm	mm	z	mm	mm		e-Code
0.8	3	0.8	60	2	4.0	0.76	30°	**S152.8**
1.0	3	1.0	60	2	5.0	0.96	30°	**S1521.0**

S102

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



S102

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 9.1

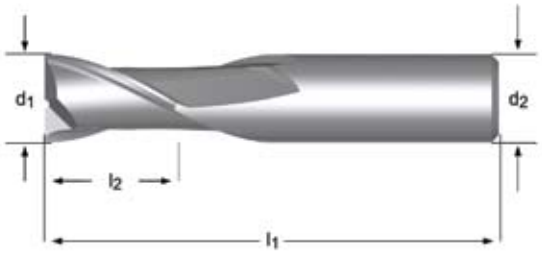
● 1.8 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	3	50	2	**S1022.0**
2.50	6	3	50	2	**S1022.5**
2.80	6	4	50	2	**S1022.8**
3.00	6	4	50	2	**S1023.0**
3.50	6	4	50	2	**S1023.5**
3.80	6	5	54	2	**S1023.8**
4.00	6	5	54	2	**S1024.0**
4.80	6	6	54	2	**S1024.8**
5.00	6	6	54	2	**S1025.0**
5.75	6	7	54	2	**S1025.75**
6.00	6	7	54	2	**S1026.0**
6.75	8	8	58	2	**S1026.75**
7.00	8	8	58	2	**S1027.0**
7.75	8	9	58	2	**S1027.75**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
8.00	8	9	58	2	**S1028.0**
9.00	10	10	66	2	**S1029.0**
9.70	10	11	66	2	**S1029.7**
10.00	10	11	66	2	**S10210.0**
11.70	12	12	73	2	**S10211.7**
12.00	12	12	73	2	**S10212.0**
13.70	14	14	75	2	**S10213.7**
14.00	14	14	75	2	**S10214.0**
15.70	16	16	82	2	**S10215.7**
16.00	16	16	82	2	**S10216.0**
17.70	18	18	84	2	**S10217.7**
18.00	18	18	84	2	**S10218.0**
19.70	20	20	92	2	**S10219.7**
20.00	20	20	92	2	**S10220.0**

S002 / S022

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



S002

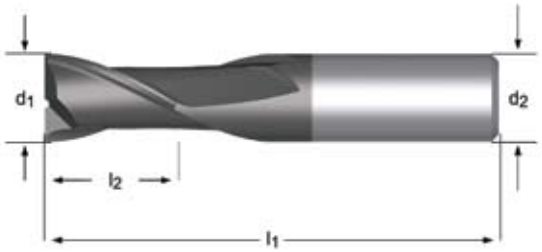
N | HM | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	2	**S0022.0**
2.50	3	7	38	2	**S0022.5**
3.00	3	7	38	2	**S0023.0**
3.50	4	8	50	2	**S0023.5**
4.00	4	8	50	2	**S0024.0**
5.00	5	9	50	2	**S0025.0**
6.00	6	10	54	2	**S0026.0**
8.00	8	13	58	2	**S0028.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	16	66	2	**S00210.0**
12.00	12	18	73	2	**S00212.0**
14.00	14	21	75	2	**S00214.0**
16.00	16	24	82	2	**S00216.0**
20.00	20	30	92	2	**S00220.0**



S022

N | HM | Super G | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 6.1 6.2 6.3 6.4

● 1.6 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2

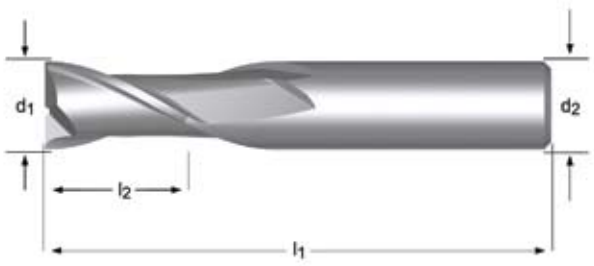
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	2	**S0222.0**
2.50	3	7	38	2	**S0222.5**
3.00	3	7	38	2	**S0223.0**
3.50	4	8	50	2	**S0223.5**
4.00	4	8	50	2	**S0224.0**
5.00	5	9	50	2	**S0225.0**
6.00	6	10	54	2	**S0226.0**
8.00	8	13	58	2	**S0228.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	16	66	2	**S02210.0**
12.00	12	18	73	2	**S02212.0**
14.00	14	21	75	2	**S02214.0**
16.00	16	24	82	2	**S02216.0**
20.00	20	30	92	2	**S02220.0**

S120 / S122

DORMER

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



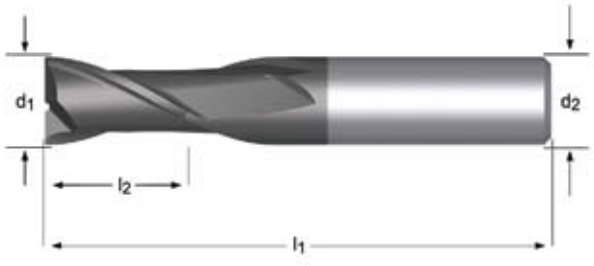
S120

■ 4.1 4.2 4.3 6.1 6.2 6.3

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 5.1 5.2 5.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
1.00	3	3	38	2	S1201.0
1.50	3	3	38	2	S1201.5
2.00	3	6	38	2	S1202.0
2.50	3	7	38	2	S1202.5
3.00	3	7	38	2	S1203.0
3.50	6	7	57	2	S1203.5
4.00	6	8	57	2	S1204.0
4.50	6	8	57	2	S1204.5
5.00	6	10	57	2	S1205.0
6.00	6	10	57	2	S1206.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
7.00	8	13	63	2	S1207.0
8.00	8	16	63	2	S1208.0
9.00	10	16	72	2	S1209.0
10.00	10	19	72	2	S12010.0
12.00	12	22	83	2	S12012.0
14.00	14	22	83	2	S12014.0
16.00	16	26	92	2	S12016.0
18.00	18	26	92	2	S12018.0
20.00	20	32	104	2	S12020.0



S122

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 9.1

● 1.8 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

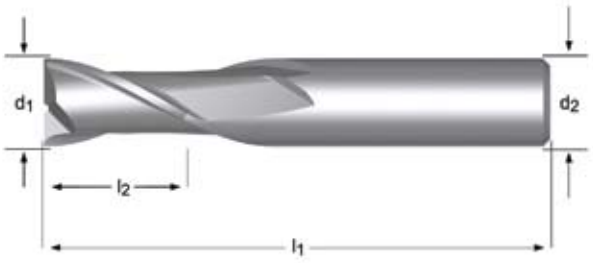
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	6	57	2	S1222.0
2.50	6	7	57	2	S1222.5
3.00	6	7	57	2	S1223.0
3.50	6	7	57	2	S1223.5
4.00	6	8	57	2	S1224.0
4.50	6	8	57	2	S1224.5
5.00	6	10	57	2	S1225.0
6.00	6	10	57	2	S1226.0
7.00	8	13	63	2	S1227.0
8.00	8	16	63	2	S1228.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
9.00	10	16	72	2	S1229.0
10.00	10	19	72	2	S12210.0
11.00	12	22	83	2	S12211.0
12.00	12	22	83	2	S12212.0
14.00	14	22	83	2	S12214.0
16.00	16	26	92	2	S12216.0
18.00	18	26	92	2	S12218.0
20.00	20	32	104	2	S12220.0

S902

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar

NEW
2008.09



S902

N | HM | D | DIN 6535 HA | h10 | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

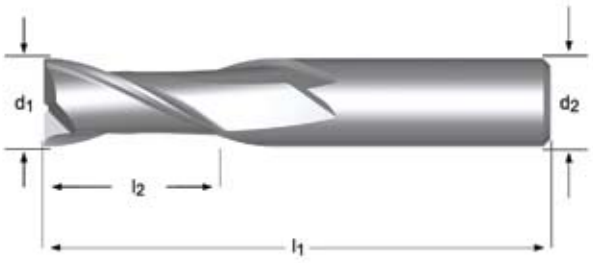
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	2	**S9022.0**
2.50	3	9	38	2	**S9022.5**
3.00	3	12	38	2	**S9023.0**
4.00	4	14	50	2	**S9024.0**
5.00	5	16	50	2	**S9025.0**
6.00	6	19	57	2	**S9026.0**
7.00	8	19	63	2	**S9027.0**
8.00	8	19	63	2	**S9028.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
9.00	10	21	72	2	**S9029.0**
10.00	10	22	72	2	**S90210.0**
12.00	12	25	73	2	**S90212.0**
14.00	14	30	83	2	**S90214.0**
16.00	16	32	92	2	**S90216.0**
18.00	18	32	92	2	**S90218.0**
20.00	20	38	104	2	**S90220.0**

S005 / S015

DORMER

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



S005

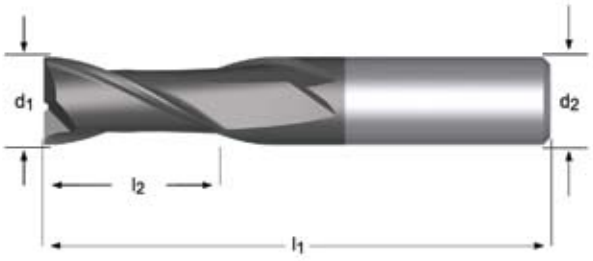
N | HM | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	2	**S0052.0**
3.00	3	12	38	2	**S0053.0**
4.00	4	14	50	2	**S0054.0**
5.00	5	16	50	2	**S0055.0**
6.00	6	19	57	2	**S0056.0**
8.00	8	19	63	2	**S0058.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	2	**S00510.0**
12.00	12	25	73	2	**S00512.0**
14.00	14	30	83	2	**S00514.0**
16.00	16	32	92	2	**S00516.0**
20.00	20	38	104	2	**S00520.0**



S015

N | HM | Super G | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 6.1 6.2 6.3

● 1.6 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

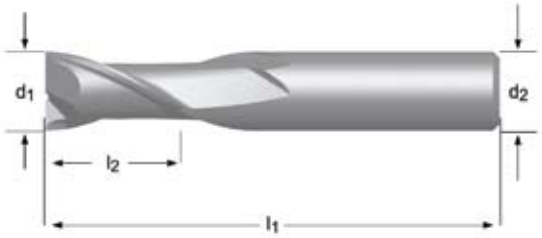
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	2	**S0152.0**
3.00	3	12	38	2	**S0153.0**
4.00	4	14	50	2	**S0154.0**
5.00	5	16	50	2	**S0155.0**
6.00	6	19	57	2	**S0156.0**
8.00	8	19	63	2	**S0158.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	2	**S01510.0**
12.00	12	25	73	2	**S01512.0**
14.00	14	30	83	2	**S01514.0**
16.00	16	32	92	2	**S01516.0**
20.00	20	38	104	2	**S01520.0**

S140 / S142

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar

NEW 2007.10



S140

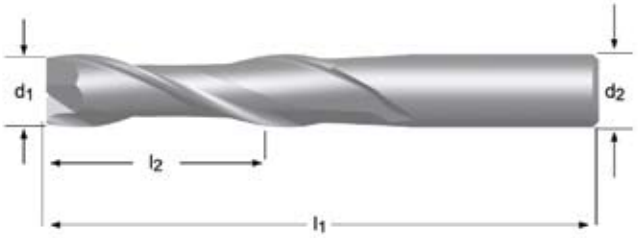
N | HM | D | DIN 6535 HA | h10 | λ 30° | HSM

■ 7.1 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	3	4	38	2	**S1402.0**
3.00	3	5	38	2	**S1403.0**
4.00	4	7	50	2	**S1404.0**
5.00	5	9	50	2	**S1405.0**
6.00	6	18	57	2	**S1406.0**
7.00	7	18	60	2	**S1407.0**
8.00	8	18	63	2	**S1408.0**
9.00	9	20	67	2	**S1409.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	22	72	2	**S14010.0**
12.00	12	22	83	2	**S14012.0**
14.00	14	25	83	2	**S14014.0**
16.00	16	29	92	2	**S14016.0**
18.00	18	33	92	2	**S14018.0**
20.00	20	36	104	2	**S14020.0**

NEW 2007.10



S142

N | HM | D | DIN 6535 HA | h10 | λ 25° | HSM

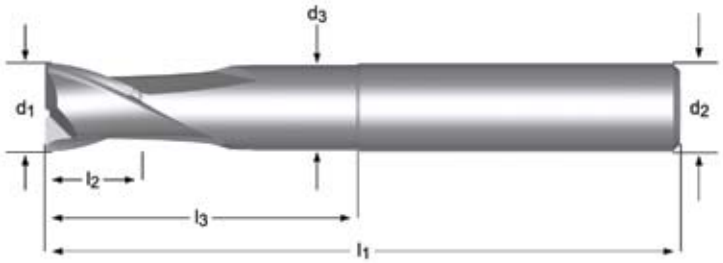
■ 7.1 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	3	8	50	2	**S1422.0**
3.00	3	12	50	2	**S1423.0**
4.00	4	16	60	2	**S1424.0**
5.00	5	20	60	2	**S1425.0**
6.00	6	24	65	2	**S1426.0**
7.00	7	28	79	2	**S1427.0**
8.00	8	32	79	2	**S1428.0**
9.00	9	36	88	2	**S1429.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	40	88	2	**S14210.0**
12.00	12	48	99	2	**S14212.0**
14.00	14	56	105	2	**S14214.0**
16.00	16	64	120	2	**S14216.0**
18.00	18	74	120	2	**S14218.0**
20.00	20	80	150	2	**S14220.0**

S130 / S132

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



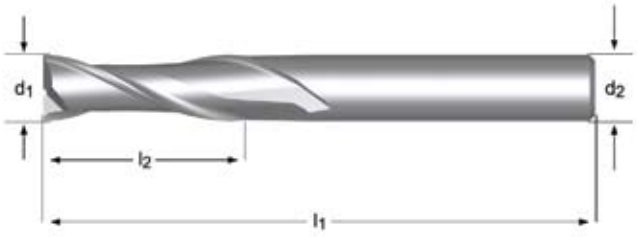
S130

N | HM | D | DIN 6535 HA | h10 | λ 25° | HSM

■ 4.1 | 5.1 | 6.1 | 6.2 | 6.3 | 6.4 | 7.1 | 7.2 | 7.3 | 7.4 | 8.1 | 8.2 | 8.3

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	
mm	mm	mm	mm	z	mm	mm	e-Code
2.00	3	3.00	38	2	9	1.9	**S1302.0**
3.00	3	4.00	38	2	12	2.9	**S1303.0**
4.00	4	6.00	50	2	14	3.8	**S1304.0**
5.00	6	8.00	57	2	16	4.8	**S1305.0**
6.00	6	10.00	65	2	28	5.7	**S1306.0**
8.00	8	12.00	80	2	35	7.7	**S1308.0**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	
mm	mm	mm	mm	z	mm	mm	e-Code
10.00	10	14.00	90	2	45	9.7	**S13010.0**
12.00	12	16.00	100	2	50	11.4	**S13012.0**
16.00	16	20.00	115	2	60	15.2	**S13016.0**
20.00	20	20.00	125	2	70	19.0	**S13020.0**



S132

N | HM | D | DIN 6535 HA | h10 | λ 25° | HSM

■ 4.1 | 5.1 | 6.1 | 6.2 | 6.3 | 6.4 | 7.1 | 7.2 | 7.3 | 7.4 | 8.1 | 8.2 | 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	8	38	2	**S1322.0**
3.00	3	12	38	2	**S1323.0**
4.00	4	14	50	2	**S1324.0**
5.00	6	16	57	2	**S1325.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	22	65	2	**S1326.0**
8.00	8	28	80	2	**S1328.0**
10.00	10	32	90	2	**S13210.0**
12.00	12	38	100	2	**S13212.0**

S302

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni

S302

N | HM | TiAlN X | DIN 6527 | P9 | DIN 6535 HB | e8 h10 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

● 1.8 4.1 4.2 4.3

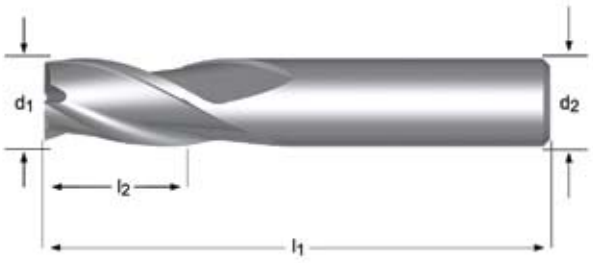
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	3	50	3	**S3022.0**
2.50	6	3	50	3	**S3022.5**
2.80	6	4	50	3	**S3022.8**
3.00	6	4	50	3	**S3023.0**
3.50	6	4	50	3	**S3023.5**
3.80	6	5	54	3	**S3023.8**
4.00	6	5	54	3	**S3024.0**
4.80	6	6	54	3	**S3024.8**
5.00	6	6	54	3	**S3025.0**
5.75	6	7	54	3	**S3025.75**
6.00	6	7	54	3	**S3026.0**
6.75	8	8	58	3	**S3026.75**
7.00	8	8	58	3	**S3027.0**
7.75	8	9	58	3	**S3027.75**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
8.00	8	9	58	3	**S3028.0**
9.00	10	10	66	3	**S3029.0**
9.70	10	11	66	3	**S3029.7**
10.00	10	11	66	3	**S30210.0**
11.70	12	12	73	3	**S30211.7**
12.00	12	12	73	3	**S30212.0**
13.70	14	14	75	3	**S30213.7**
14.00	14	14	75	3	**S30214.0**
15.70	16	16	82	3	**S30215.7**
16.00	16	16	82	3	**S30216.0**
17.70	18	18	84	3	**S30217.7**
18.00	18	18	84	3	**S30218.0**
19.70	20	20	92	3	**S30219.7**
20.00	20	20	92	3	**S30220.0**

S320 / S311

DORMER

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



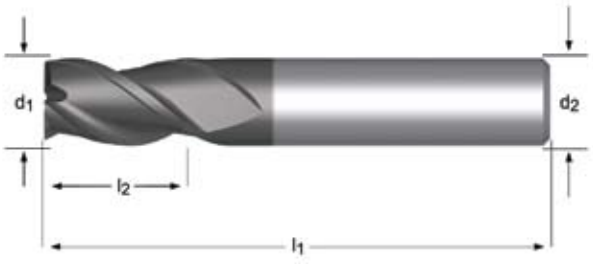
S320

■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
1.00	3	3	38	3	S3201.0
1.50	3	3	38	3	S3201.5
2.00	3	6	38	3	S3202.0
2.50	3	7	38	3	S3202.5
3.00	3	7	38	3	S3203.0
3.50	6	7	57	3	S3203.5
4.00	6	8	57	3	S3204.0
4.50	6	8	57	3	S3204.5
5.00	6	10	57	3	S3205.0
6.00	6	10	57	3	S3206.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
7.00	8	13	63	3	S3207.0
8.00	8	16	63	3	S3208.0
9.00	10	16	72	3	S3209.0
10.00	10	19	72	3	S32010.0
11.00	12	22	83	3	S32011.0
12.00	12	22	83	3	S32012.0
14.00	14	22	83	3	S32014.0
16.00	16	26	92	3	S32016.0
18.00	18	26	92	3	S32018.0
20.00	20	32	104	3	S32020.0



S311

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 4.1 4.2 4.3 5.1 5.2 5.3 9.1

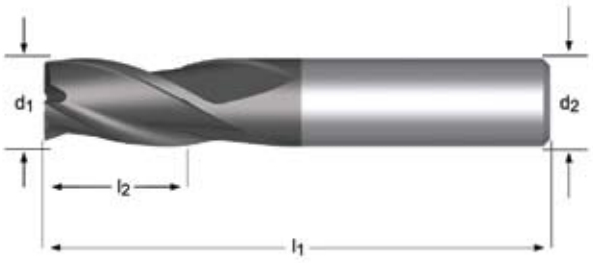
● 1.7 1.8 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
4.00	6	8	57	3	S3114.0
5.00	6	10	57	3	S3115.0
6.00	6	10	57	3	S3116.0
7.00	8	13	63	3	S3117.0
8.00	8	16	63	3	S3118.0
9.00	10	16	72	3	S3119.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	19	72	3	S31110.0
12.00	12	22	83	3	S31112.0
14.00	14	22	83	3	S31114.0
16.00	16	26	92	3	S31116.0
18.00	18	26	92	3	S31118.0
20.00	20	32	104	3	S31120.0

S322

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S322

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

● 1.8 4.1 4.2 4.3

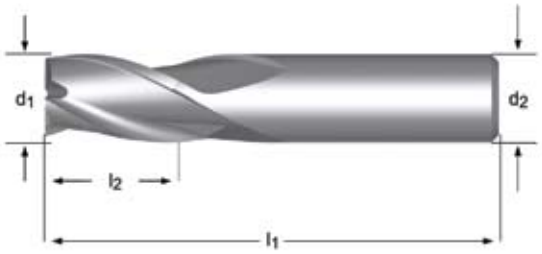
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	6	57	3	**S3222.0**
2.50	6	7	57	3	**S3222.5**
3.00	6	7	57	3	**S3223.0**
3.50	6	7	57	3	**S3223.5**
4.00	6	8	57	3	**S3224.0**
4.50	6	8	57	3	**S3224.5**
5.00	6	10	57	3	**S3225.0**
6.00	6	10	57	3	**S3226.0**
7.00	8	13	63	3	**S3227.0**
8.00	8	16	63	3	**S3228.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
9.00	10	16	72	3	**S3229.0**
10.00	10	19	72	3	**S32210.0**
11.00	12	22	83	3	**S32211.0**
12.00	12	22	83	3	**S32212.0**
14.00	14	22	83	3	**S32214.0**
16.00	16	26	92	3	**S32216.0**
18.00	18	26	92	3	**S32218.0**
20.00	20	32	104	3	**S32220.0**

S003 / S033

DORMER

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



S003

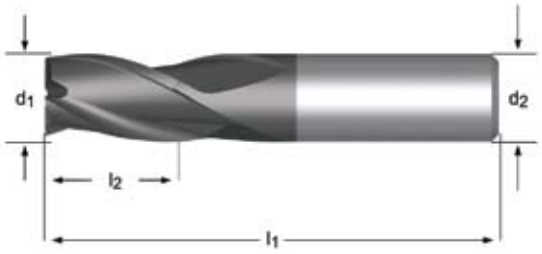
N | HM | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	3	S0032.0
2.50	3	7	38	3	S0032.5
3.00	3	7	38	3	S0033.0
3.50	4	8	50	3	S0033.5
4.00	4	8	50	3	S0034.0
5.00	5	9	50	3	S0035.0
6.00	6	10	54	3	S0036.0
8.00	8	13	58	3	S0038.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	16	66	3	S00310.0
12.00	12	18	73	3	S00312.0
14.00	14	21	75	3	S00314.0
16.00	16	24	82	3	S00316.0
20.00	20	30	92	3	S00320.0



S033

N | HM | Super G | D | P9 | DIN 6535 HA | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 6.1 6.2 6.3 6.4

● 1.6 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	3	S0332.0
2.50	3	7	38	3	S0332.5
3.00	3	7	38	3	S0333.0
3.50	4	8	50	3	S0333.5
4.00	4	8	50	3	S0334.0
5.00	5	9	50	3	S0335.0
6.00	6	10	54	3	S0336.0
8.00	8	13	58	3	S0338.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	16	66	3	S03310.0
12.00	12	18	73	3	S03312.0
14.00	14	21	75	3	S03314.0
16.00	16	24	82	3	S03316.0
20.00	20	30	92	3	S03320.0

S903

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar

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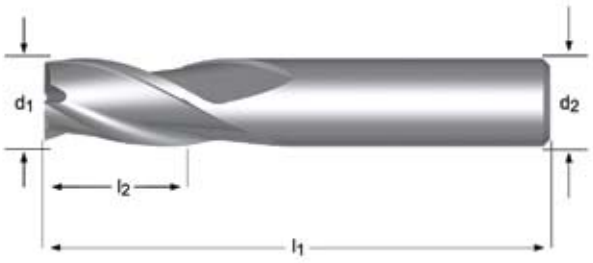


S903

N | HM | D | DIN 6535 HA | h10 | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

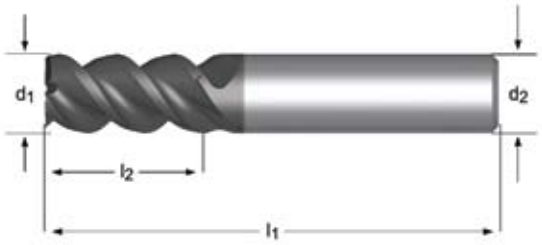
● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	3	**S9032.0**
2.50	3	9	38	3	**S9032.5**
3.00	3	12	38	3	**S9033.0**
4.00	4	14	50	3	**S9034.0**
5.00	5	16	50	3	**S9035.0**
6.00	6	19	57	3	**S9036.0**
7.00	8	19	63	3	**S9037.0**
8.00	8	19	63	3	**S9038.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
9.00	10	21	72	3	**S9039.0**
10.00	10	22	72	3	**S90310.0**
12.00	12	25	73	3	**S90312.0**
14.00	14	30	83	3	**S90314.0**
16.00	16	32	92	3	**S90316.0**
18.00	18	32	92	3	**S90318.0**
20.00	20	38	104	3	**S90320.0**

S308

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S308

■ 1.1 1.2 1.3 2.1 4.1 5.1 9.1

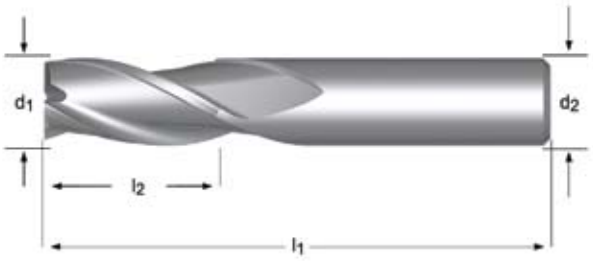
● 1.4 1.5 1.6 1.7 1.8 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	22	72	3	**S30810.0**
12.00	12	26	83	3	**S30812.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	3	**S30816.0**
20.00	20	38	104	3	**S30820.0**

S006 / S016

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



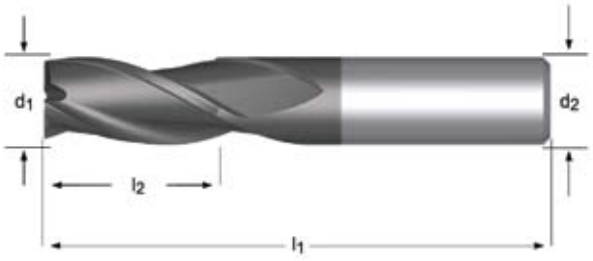
S006

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 3.2 3.4 4.2 4.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	3	**S0062.0**
3.00	3	12	38	3	**S0063.0**
4.00	4	14	50	3	**S0064.0**
5.00	5	16	50	3	**S0065.0**
6.00	6	19	57	3	**S0066.0**
8.00	8	19	63	3	**S0068.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	3	**S00610.0**
12.00	12	25	73	3	**S00612.0**
14.00	14	30	83	3	**S00614.0**
16.00	16	32	92	3	**S00616.0**
20.00	20	38	104	3	**S00620.0**



S016

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 6.1 6.2 6.3 6.4

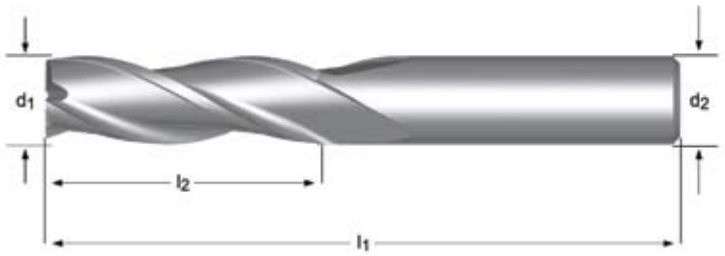
● 1.6 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	3	**S0162.0**
3.00	3	12	38	3	**S0163.0**
4.00	4	14	50	3	**S0164.0**
5.00	5	16	50	3	**S0165.0**
6.00	6	19	57	3	**S0166.0**
8.00	8	19	63	3	**S0168.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	3	**S01610.0**
12.00	12	25	73	3	**S01612.0**
14.00	14	30	83	3	**S01614.0**
16.00	16	32	92	3	**S01616.0**
20.00	20	38	104	3	**S01620.0**

S326 / S327

- Stopkové frézy
- Ujjmaró
- Frezy walcowo-czołowe
- Freze cilindrice
- Концевые фрезы
- rezkar



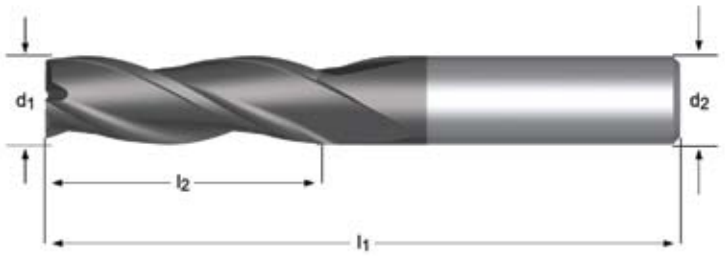
S326

■ 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	8	38	3	**S3262.0**
3.00	3	12	38	3	**S3263.0**
4.00	4	14	50	3	**S3264.0**
5.00	5	16	50	3	**S3265.0**
6.00	6	22	65	3	**S3266.0**
8.00	8	28	80	3	**S3268.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	32	100	3	**S32610.0**
12.00	12	38	100	3	**S32612.0**
16.00	16	50	115	3	**S32616.0**
20.00	20	50	125	3	**S32620.0**



S327

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

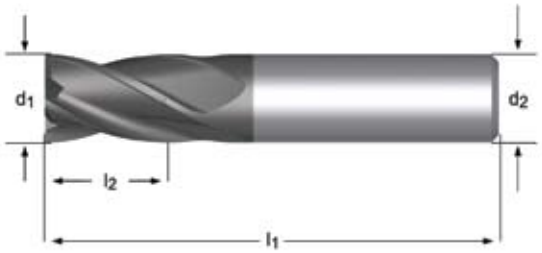
● 1.7 4.1 4.2 4.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	8	38	3	**S3272.0**
3.00	3	12	38	3	**S3273.0**
4.00	4	14	50	3	**S3274.0**
5.00	5	16	50	3	**S3275.0**
6.00	6	22	65	3	**S3276.0**
8.00	8	28	80	3	**S3278.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	32	100	3	**S32710.0**
12.00	12	38	100	3	**S32712.0**
16.00	16	50	115	3	**S32716.0**
20.00	20	50	125	3	**S32720.0**

S271 / S201

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S271

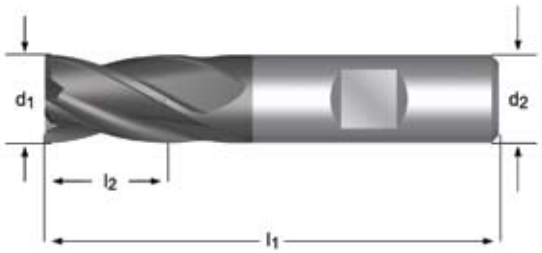
N | HM | TiAlN X | DIN 6527 | DIN 6535 HA | h10 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 2.1 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.2 8.3 9.1

● 2.2 2.3 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
4.00	6	8	54	4	**S2714.0**
5.00	6	9	54	4	**S2715.0**
6.00	6	10	54	4	**S2716.0**
7.00	8	11	58	4	**S2717.0**
8.00	8	12	58	4	**S2718.0**
10.00	10	14	66	4	**S27110.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	16	73	4	**S27112.0**
14.00	14	18	75	4	**S27114.0**
16.00	16	22	82	4	**S27116.0**
18.00	18	24	84	4	**S27118.0**
20.00	20	26	92	4	**S27120.0**



S201

N | HM | TiAlN X | DIN 6527 | DIN 6535 HB | h10 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 2.1 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.2 8.3 9.1

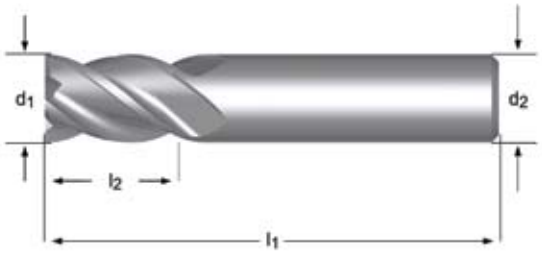
● 2.2 2.3 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	4	50	4	**S2012.0**
3.00	6	5	50	4	**S2013.0**
4.00	6	8	54	4	**S2014.0**
5.00	6	9	54	4	**S2015.0**
6.00	6	10	54	4	**S2016.0**
7.00	8	11	58	4	**S2017.0**
8.00	8	12	58	4	**S2018.0**
10.00	10	14	66	4	**S20110.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	16	73	4	**S20112.0**
14.00	14	18	75	4	**S20114.0**
16.00	16	22	82	4	**S20116.0**
18.00	18	24	84	4	**S20118.0**
20.00	20	26	92	4	**S20120.0**

S004 /S044

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S004

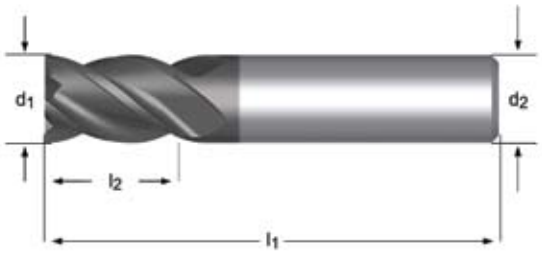
N | HM | D | DIN 6535 HA | h10 | λ 38°

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 1.6 3.2 3.4 4.2 4.3 5.2 5.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	3	6	38	4	**S0042.0**
3.00	3	7	38	4	**S0043.0**
4.00	4	8	50	4	**S0044.0**
5.00	5	9	50	4	**S0045.0**
6.00	6	10	54	4	**S0046.0**
8.00	8	13	58	4	**S0048.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	16	66	4	**S00410.0**
12.00	12	18	73	4	**S00412.0**
16.00	16	24	82	4	**S00416.0**
20.00	20	30	92	4	**S00420.0**



S044

N | HM | Super G | D | DIN 6535 HA | h10 | λ 38°

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4

● 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

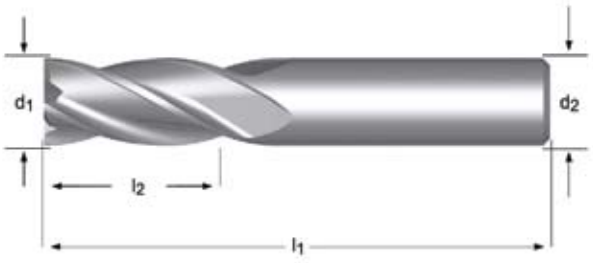
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	3	6	38	4	**S0442.0**
3.00	3	7	38	4	**S0443.0**
4.00	4	8	50	4	**S0444.0**
5.00	5	9	50	4	**S0445.0**
6.00	6	10	54	4	**S0446.0**
8.00	8	13	58	4	**S0448.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	16	66	4	**S04410.0**
12.00	12	18	73	4	**S04412.0**
16.00	16	24	82	4	**S04416.0**
20.00	20	30	92	4	**S04420.0**

S904

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar

NEW
2008.09



S904

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 1.6 3.2 3.4 4.2 4.3 5.2 5.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

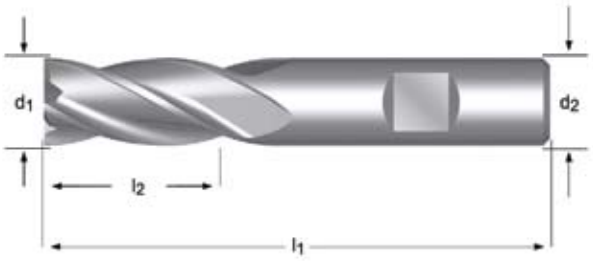
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	4	**S9042.0**
2.50	3	9	38	4	**S9042.5**
3.00	3	12	38	4	**S9043.0**
4.00	4	14	50	4	**S9044.0**
5.00	5	16	50	4	**S9045.0**
6.00	6	19	57	4	**S9046.0**
7.00	8	19	63	4	**S9047.0**
8.00	8	19	63	4	**S9048.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
9.00	10	21	72	4	**S9049.0**
10.00	10	22	72	4	**S90410.0**
12.00	12	25	73	4	**S90412.0**
14.00	14	30	83	4	**S90414.0**
16.00	16	32	92	4	**S90416.0**
18.00	18	32	92	4	**S90418.0**
20.00	20	38	104	4	**S90420.0**

S275 / S276

DORMER

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



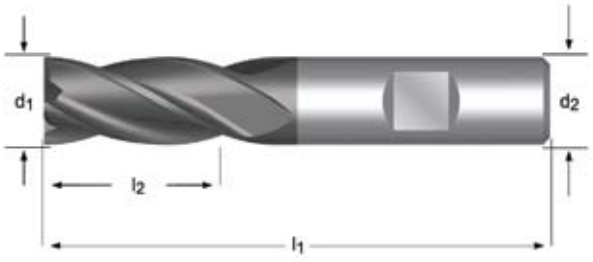
S275

N | HM | DIN 6527 | DIN 6535 HB | h10 | λ 30°

■ 6.1 6.2 6.3 6.4

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	7	57	4	S2752.0
2.50	6	8	57	4	S2752.5
3.00	6	8	57	4	S2753.0
4.00	6	11	57	4	S2754.0
5.00	6	13	57	4	S2755.0
6.00	6	13	57	4	S2756.0
7.00	8	16	63	4	S2757.0
8.00	8	19	63	4	S2758.0
9.00	10	19	72	4	S2759.0
10.00	10	22	72	4	S27510.0
12.00	12	26	83	4	S27512.0
14.00	14	26	83	4	S27514.0
16.00	16	32	92	4	S27516.0
18.00	18	32	92	4	S27518.0
20.00	20	38	104	4	S27520.0



S276

N | HM | TiAlN X | DIN 6527 | DIN 6535 HB | h10 | λ 30°

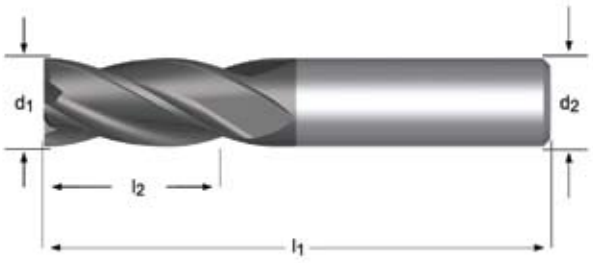
■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 2.1 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.2 8.3 9.1

● 2.2 2.3 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	7	57	4	S2762.0
2.50	6	8	57	4	S2762.5
3.00	6	8	57	4	S2763.0
4.00	6	11	57	4	S2764.0
5.00	6	13	57	4	S2765.0
6.00	6	13	57	4	S2766.0
7.00	8	16	63	4	S2767.0
8.00	8	19	63	4	S2768.0
9.00	10	19	72	4	S2769.0
10.00	10	22	72	4	S27610.0
12.00	12	26	83	4	S27612.0
14.00	14	26	83	4	S27614.0
16.00	16	32	92	4	S27616.0
18.00	18	32	92	4	S27618.0
20.00	20	38	104	4	S27620.0
25.00	25	45	121	4	S27625.0

S241

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S241

■ 1.1 1.2 1.3 1.4 1.5 1.6 1.7 2.1 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.2 8.3 9.1

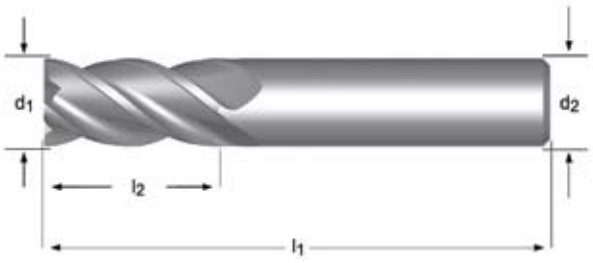
● 2.2 2.3 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
3.50	6	10	57	4	**S2413.5**
4.00	6	11	57	4	**S2414.0**
5.00	6	13	57	4	**S2415.0**
6.00	6	13	57	4	**S2416.0**
7.00	8	16	63	4	**S2417.0**
8.00	8	19	63	4	**S2418.0**
9.00	10	19	72	4	**S2419.0**
10.00	10	22	72	4	**S24110.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	26	83	4	**S24112.0**
14.00	14	26	83	4	**S24114.0**
16.00	16	32	92	4	**S24116.0**
18.00	18	32	92	4	**S24118.0**
20.00	20	38	104	4	**S24120.0**

S007 / S017

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



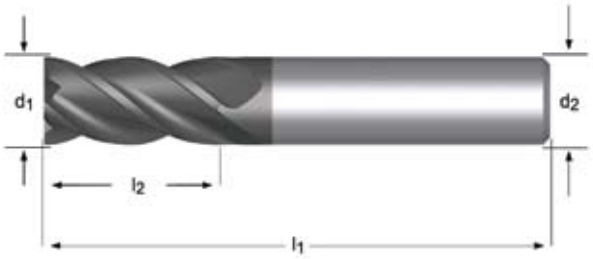
S007

■ 1.1 1.2 1.3 1.4 3.1 3.3 4.1 5.1 6.1 6.2 6.3

● 1.5 1.6 3.2 3.4 4.2 4.3 5.2 5.3 6.4 7.1 7.2 7.3 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	4	**S0072.0**
3.00	3	12	38	4	**S0073.0**
4.00	4	14	50	4	**S0074.0**
5.00	5	16	50	4	**S0075.0**
6.00	6	19	57	4	**S0076.0**
8.00	8	19	63	4	**S0078.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	4	**S00710.0**
12.00	12	25	73	4	**S00712.0**
16.00	16	32	92	4	**S00716.0**
20.00	20	38	104	4	**S00720.0**



S017

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4

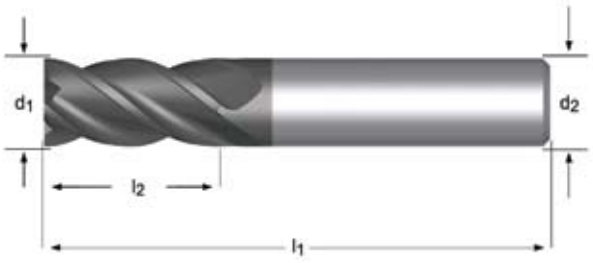
● 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	3	6	38	4	**S0172.0**
3.00	3	12	38	4	**S0173.0**
4.00	4	14	50	4	**S0174.0**
5.00	5	16	50	4	**S0175.0**
6.00	6	19	57	4	**S0176.0**
8.00	8	19	63	4	**S0178.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	4	**S01710.0**
12.00	12	25	73	4	**S01712.0**
16.00	16	32	92	4	**S01716.0**
20.00	20	38	104	4	**S01720.0**

S250 / S256

- Stopkové frézy
- Ujjmaró
- Frezy walcowo-czolowe
- Freze cilindrice
- Концевые фрезы
- rezkar



S250

N | HM | Super G | DIN 6527 | DIN 6535 HA | h10

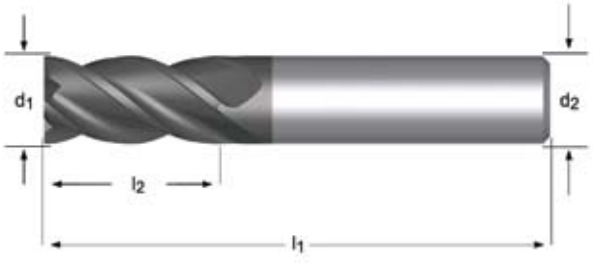
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 6.4 7.3 8.2 8.3 9.1

● 1.7 2.2 2.3 4.1 5.1 6.1 6.3 7.1 7.2 7.4 8.1 10.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
3.00	6	8	57	4	**S2503.0**
4.00	6	11	57	4	**S2504.0**
5.00	6	13	57	4	**S2505.0**
6.00	6	13	57	4	**S2506.0**
8.00	8	19	63	4	**S2508.0**
10.00	10	22	72	4	**S25010.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	26	83	4	**S25012.0**
16.00	16	32	92	4	**S25016.0**
20.00	20	38	104	4	**S25020.0**

NEW 2007.09



S256

N | HM | X-CEED | DIN 6527 | DIN 6535 HA | h10

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 2.4 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 8.3

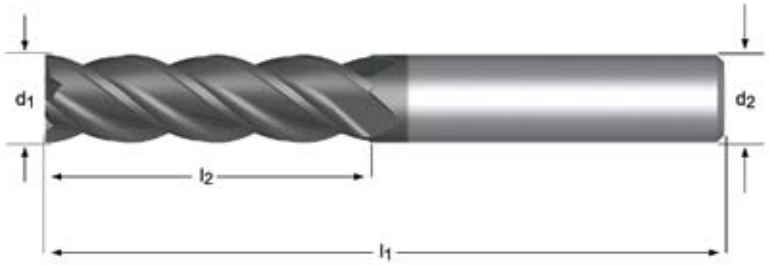
● 1.7 3.1 3.2 8.1 9.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	7	57	4	**S2562.0**
3.00	6	8	57	4	**S2563.0**
4.00	6	11	57	4	**S2564.0**
5.00	6	13	57	4	**S2565.0**
6.00	6	13	57	4	**S2566.0**
7.00	8	16	63	4	**S2567.0**
8.00	8	19	63	4	**S2568.0**
9.00	10	19	72	4	**S2569.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	10	22	72	4	**S25610.0**
12.00	12	26	83	4	**S25612.0**
14.00	14	26	83	4	**S25614.0**
16.00	16	32	92	4	**S25616.0**
18.00	18	32	92	4	**S25618.0**
20.00	20	38	104	4	**S25620.0**

S251 / S259

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S251

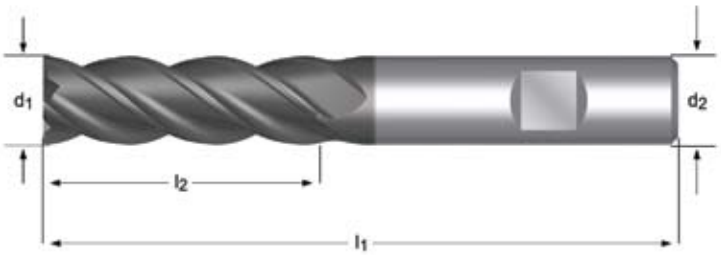
N | HM | Super G | DIN 6527 | DIN 6535 HA | h10 | λ°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 6.4 7.3 8.2 8.3 9.1

● 1.7 2.2 2.3 4.1 5.1 6.1 6.3 7.1 7.2 7.4 8.1 10.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	22	65	4	**S2516.0**
8.00	8	28	79	4	**S2518.0**
10.00	10	32	99	4	**S25110.0**
12.00	12	40	99	4	**S25112.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	60	124	4	**S25116.0**
20.00	20	70	155	4	**S25120.0**



S259

N | HM | TiAlN X | DIN 6527 | DIN 6535 HB | h10 | λ 45°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.2 8.3

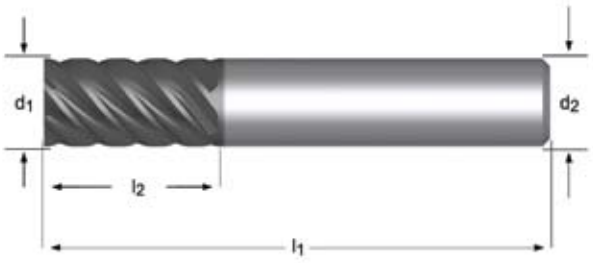
● 1.7 1.8 8.1 9.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	22	65	4	**S2596.0**
8.00	8	28	80	4	**S2598.0**
10.00	10	32	100	4	**S25910.0**
12.00	12	40	100	4	**S25912.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	14	50	104	4	**S25914.0**
16.00	16	50	115	5	**S25916.0**
20.00	20	55	125	5	**S25920.0**

S306

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



S306

■ 1.1 1.2 1.3 1.4 1.5 4.2 4.3 5.2 5.3 6.2 6.3 6.4

● 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1

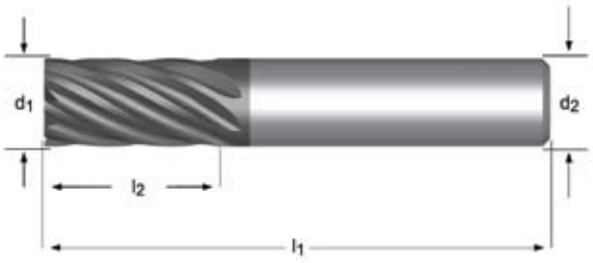
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
8.00	8	19	63	6	**S3068.0**
10.00	10	22	72	6	**S30610.0**
12.00	12	26	83	6	**S30612.0**
14.00	14	26	83	6	**S30614.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
16.00	16	32	92	6	**S30616.0**
18.00	18	32	92	6	**S30618.0**
20.00	20	38	104	6	**S30620.0**

S281 / S282

DORMER

- Stopkové frézy
- Ujjmaró
- Frezy walcowo-czolowe
- Freze cilindrice
- Концевые фрезы
- rezkar



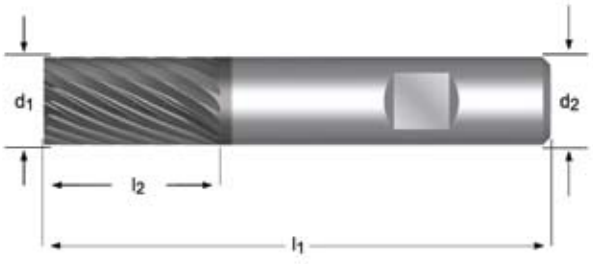
S281

■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 8.2 8.3 9.1

● 2.1 2.2 2.3 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	6	**S2816.0**
8.00	8	19	63	6	**S2818.0**
10.00	10	22	72	7	**S28110.0**
12.00	12	26	83	7	**S28112.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	14	26	83	7	**S28114.0**
16.00	16	32	92	8	**S28116.0**
18.00	18	32	92	8	**S28118.0**
20.00	20	38	104	8	**S28120.0**



S282

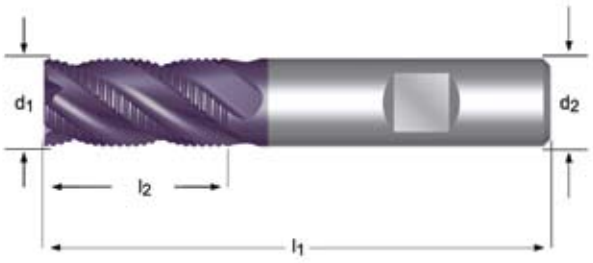
■ 1.7 1.8 8.3 9.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	6	**S2826.0**
8.00	8	19	63	8	**S2828.0**
10.00	10	22	72	10	**S28210.0**
12.00	12	26	83	12	**S28212.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	16	**S28216.0**

S332 / S333

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



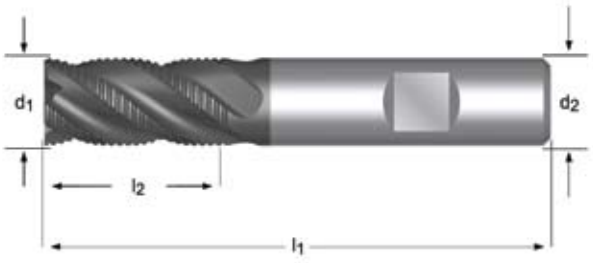
S332

HR | HM | TiCN | D | DIN 6535 HB | h14 | λ 40°

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 7.4 8.2 8.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	**S3326.0**
8.00	8	19	63	4	**S3328.0**
10.00	10	22	72	4	**S33210.0**
12.00	12	26	83	4	**S33212.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	14	26	83	4	**S33214.0**
16.00	16	32	92	4	**S33216.0**
18.00	18	32	92	4	**S33218.0**
20.00	20	38	104	4	**S33220.0**



S333

HRA | HM | Super G | D | DIN 6535 HB | h14 | λ°≠

■ 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 7.4 8.2 8.3

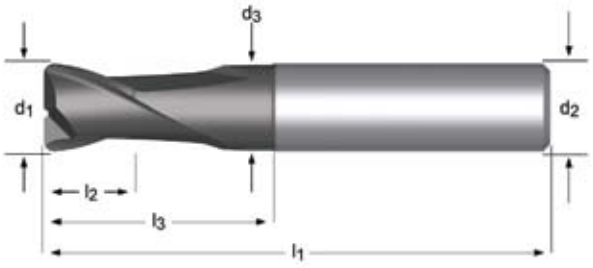
● 1.6 6.4 7.3 9.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	**S3336.0**
8.00	8	19	63	4	**S3338.0**
10.00	10	22	72	4	**S33310.0**
12.00	12	26	83	4	**S33312.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	14	26	83	4	**S33314.0**
16.00	16	32	92	4	**S33316.0**
18.00	18	32	92	4	**S33318.0**
20.00	20	38	104	4	**S33320.0**

S190 / S290

- Drážkovací frézy s radiusem
- Freze cilindro-frontala cu raza
- Tóruszmaró
- Концевые фрезы с радиусами на уголках
- Frezy czolowo-walcowe z promieniem naroza
- rezkar, robni radius



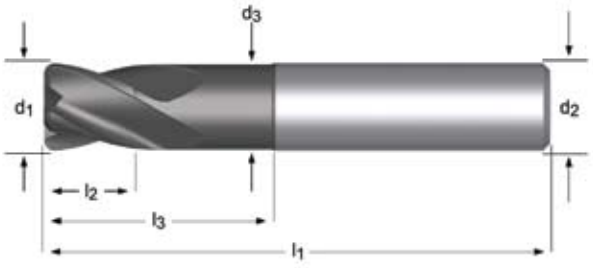
S190

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	l3 mm	d3 Ø mm	R	e-Code
3.00	6	3	57	2	20	-	0.5	**S1903.0**
4.00	6	4	57	2	20	-	0.5	**S1904.0**
5.00	6	5	57	2	20	4.6	0.5	**S1905.0**
6.00	8	6	63	2	24	5.5	1	**S1906.0**

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	l3 mm	d3 Ø mm	R	e-Code
8.00	10	8	72	2	29	7.5	1	**S1908.0**
10.00	12	10	83	2	35	9.3	1.5	**S19010.0**
12.00	12	12	83	2	36	11.2	1.5	**S19012.0**
16.00	16	16	92	2	42	15	1.5	**S19016.0**



S290

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

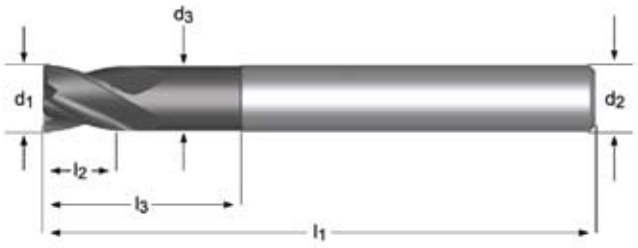
■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	l3 mm	d3 Ø mm	R	e-Code
6.00	8	6	63	4	24	5.5	1	**S2906.0**
8.00	10	8	72	4	29	7.5	1	**S2908.0**
10.00	12	10	83	4	35	9.3	1.5	**S29010.0**
12.00	12	12	83	4	36	11.2	1.5	**S29012.0**

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	l3 mm	d3 Ø mm	R	e-Code
16.00	16	16	92	4	42	15	2	**S29016.0**

S170 / S105

- Drážkovací frézy s radiusem
- Freze cilindro-frontala cu raza
- Tóruszmaró
- Концевые фрезы с радиусами на уголках
- Frezy czolowo-walcowe z promieniem naroza
- rezkar, kotni radius



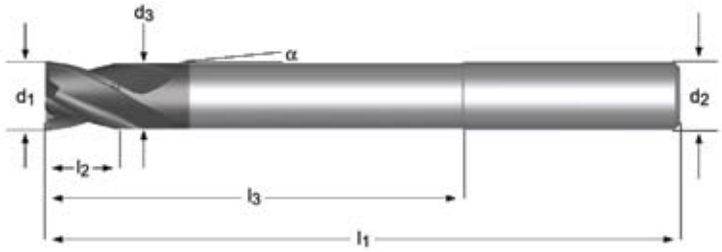
S170

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

■ 1.7 1.8 6.4 10.1

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø		
mm	mm	mm	mm	z	mm	mm	R	e-Code
2.00	6	2	72	2	8	1.9	0.2	**S1702.0**
3.00	6	3	72	2	12	2.9	0.3	**S1703.0**
4.00	6	4	72	4	16	3.8	0.4	**S1704.0**
5.00	6	5	72	4	20	4.7	0.5	**S1705.0**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø		
mm	mm	mm	mm	z	mm	mm	R	e-Code
6.00	6	6	72	4	24	5.7	0.5	**S1706.0**
8.00	8	8	80	4	29	7.7	0.5	**S1708.0**
10.00	10	10	100	4	35	9.7	0.5	**S17010.0**
12.00	12	12	100	4	36	11.7	0.5	**S17012.0**



S105

N | HM | Diamond | D | DIN 6535 HA | h10 | λ 30° | HSM

■ 7.4 8.3 10.1

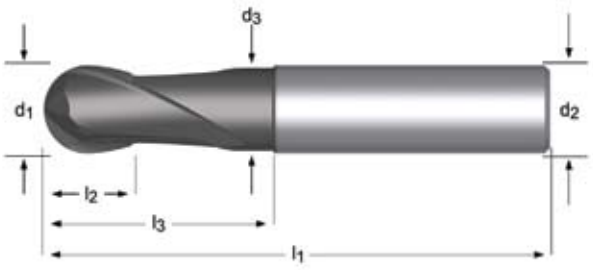
d_1 Ø	d_2 Ø	l_2	l_1		d_3 Ø	l_3	α		
mm	mm	mm	mm	z	mm	mm		e-Code	
1.00	3	1.00	50	2	-	10	0.4°	**S1051.0**	1)
1.50	3	1.50	50	2	-	15	0.4°	**S1051.5**	1)
2.00	3	2.00	50	2	-	20	0.4°	**S1052.0**	1)
3.00	6	3.00	80	2	-	30	0.4°	**S1053.0**	
4.00	6	4.00	100	2	3.80	40	-	**S1054.0**	
5.00	6	5.00	100	2	4.75	50	-	**S1055.0**	

d_1 Ø	d_2 Ø	l_2	l_1		d_3 Ø	l_3	α		
mm	mm	mm	mm	z	mm	mm		e-Code	
6.00	6	6.00	100	4	5.70	60	-	**S1056.0**	
8.00	8	8.00	120	4	7.60	80	-	**S1058.0**	
10.00	10	10.00	150	4	9.50	100	-	**S10510.0**	
12.00	12	12.00	150	4	11.40	100	-	**S10512.0**	1)
16.00	16	16.00	150	4	15.2	100	-	**S10516.0**	1)

1) tolerance stopky h6 / szár tűrése h6 / Tolerancja wykonania chwytu h6 / Toleranta cozii h6 / Хвостовик изготовлен по h6 / toleranca stebla h7

S522

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



S522

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

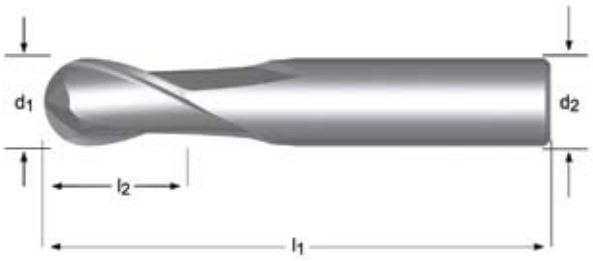
■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	r ±	
mm	mm	mm	mm	z	mm	mm	0,01	e-Code
1.00	6	1	57	2	20	-	0.5	**S5221.0**
2.00	6	2	57	2	20	-	1.00	**S5222.0**
3.00	6	3	57	2	20	-	1.50	**S5223.0**
4.00	6	4	57	2	20	-	2.00	**S5224.0**
5.00	6	5	57	2	20	4.6	2.50	**S5225.0**
6.00	8	6	63	2	24	5.5	3.00	**S5226.0**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	r ±	
mm	mm	mm	mm	z	mm	mm	0,01	e-Code
8.00	10	8	72	2	29	7.5	4.00	**S5228.0**
10.00	12	10	83	2	35	9.3	5.00	**S52210.0**
12.00	12	12	83	2	36	11.2	6.00	**S52212.0**
16.00	16	16	92	2	42	15	8.00	**S52216.0**

S500 / S501

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



S500

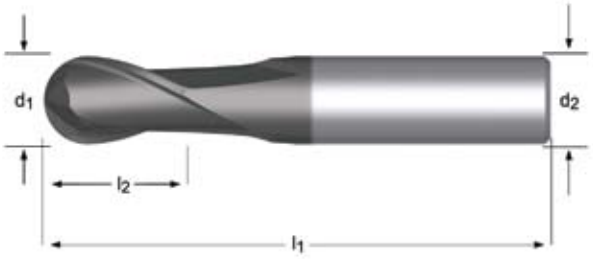
N | HM | D | DIN 6535 HA | h9 | λ 30°

■ 4.1 4.2 4.3 6.1 6.2 6.3

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1	z	r ±	e-Code
mm	mm	mm	mm		0,01	
1.00	3	3	38	2	0.5	**S5001.0**
1.50	3	3	38	2	0.75	**S5001.5**
2.00	3	6	38	2	1.00	**S5002.0**
2.50	3	7	38	2	1.25	**S5002.5**
3.00	3	7	38	2	1.50	**S5003.0**
4.00	6	8	57	2	2.00	**S5004.0**
5.00	6	10	57	2	2.50	**S5005.0**
6.00	6	10	57	2	3.00	**S5006.0**
7.00	8	13	63	2	3.50	**S5007.0**
8.00	8	16	63	2	4.00	**S5008.0**

d_1 Ø	d_2 Ø	l_2	l_1	z	r ±	e-Code
mm	mm	mm	mm		0,01	
9.00	10	16	72	2	4.50	**S5009.0**
10.00	10	19	72	2	5.00	**S50010.0**
12.00	12	22	83	2	6.00	**S50012.0**
14.00	14	22	83	2	7.00	**S50014.0**
16.00	16	26	92	2	8.00	**S50016.0**
18.00	18	26	92	2	9.00	**S50018.0**
20.00	20	32	104	2	10.00	**S50020.0**



S501

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3 9.1

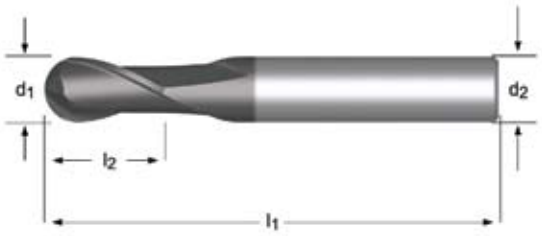
● 1.7

d_1 Ø	d_2 Ø	l_2	l_1	z	r ±	e-Code
mm	mm	mm	mm		0,01	
1.00	3	3	38	2	0.50	**S5011.0**
1.50	3	3	38	2	0.75	**S5011.5**
2.00	3	6	38	2	1.00	**S5012.0**
2.50	3	7	38	2	1.25	**S5012.5**
3.00	3	7	38	2	1.50	**S5013.0**
4.00	6	8	57	2	2.00	**S5014.0**
5.00	6	10	57	2	2.50	**S5015.0**
6.00	6	10	57	2	3.00	**S5016.0**

d_1 Ø	d_2 Ø	l_2	l_1	z	r ±	e-Code
mm	mm	mm	mm		0,01	
7.00	8	13	63	2	3.50	**S5017.0**
8.00	8	16	63	2	4.00	**S5018.0**
9.00	10	16	72	2	4.50	**S5019.0**
10.00	10	19	72	2	5.00	**S50110.0**
12.00	12	22	83	2	6.00	**S50112.0**
16.00	16	26	92	2	8.00	**S50116.0**

S505 / S503

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



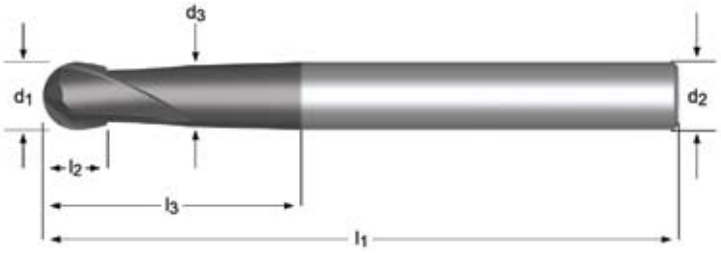
S505

N | HM | Dia mond | D | DIN 6535 HA | h9 | λ 30°

■ 7.4 8.3 10.1

d_1 Ø	d_2 Ø	l_2	l_1			
mm	mm	mm	mm	z	R	e-Code
1.00	3	3	38	2	0.50	**S5051.0**
1.50	3	3	38	2	0.75	**S5051.5**
2.00	3	6	38	2	1.00	**S5052.0**
2.50	3	7	38	2	1.25	**S5052.5**
3.00	3	7	38	2	1.50	**S5053.0**
4.00	6	8	57	2	2.00	**S5054.0**

d_1 Ø	d_2 Ø	l_2	l_1			
mm	mm	mm	mm	z	R	e-Code
5.00	6	10	57	2	2.50	**S5055.0**
6.00	6	10	57	2	3.00	**S5056.0**
8.00	8	16	63	2	4.00	**S5058.0**
10.00	10	19	72	2	5.00	**S50510.0**
12.00	12	22	83	2	6.00	**S50512.0**



S503

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

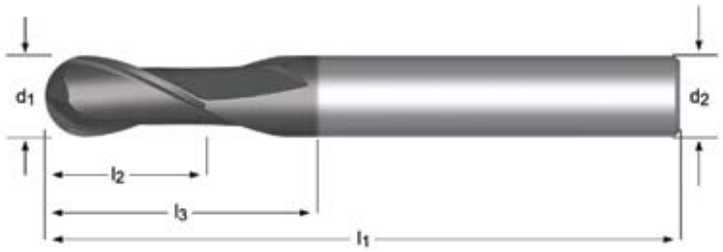
■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	r ±	
mm	mm	mm	mm	z	mm	mm	0,01	e-Code
1.00	6	2	75	2	20	-	0.50	**S5031.0**
2.00	6	3	75	2	20	1.7	1.00	**S5032.0**
3.00	6	4	80	2	30	2.5	3.00	**S5033.0**
4.00	6	5	80	2	30	3.3	2.00	**S5034.0**
5.00	6	7	80	2	43	4.1	2.50	**S5035.0**
6.00	6	7	100	2	30	4.7	3.00	**S5036.0**

d_1 Ø	d_2 Ø	l_2	l_1		l_3	d_3 Ø	r ±	
mm	mm	mm	mm	z	mm	mm	0,01	e-Code
8.00	8	9	100	2	36	6.5	4.00	**S5038.0**
10.00	10	11	100	2	43	8.2	5.00	**S50310.0**
12.00	12	13	100	2	52	9.8	6.00	**S50312.0**
16.00	16	15	150	2	61	13.4	8.00	**S50316.0**

S502 / S532

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



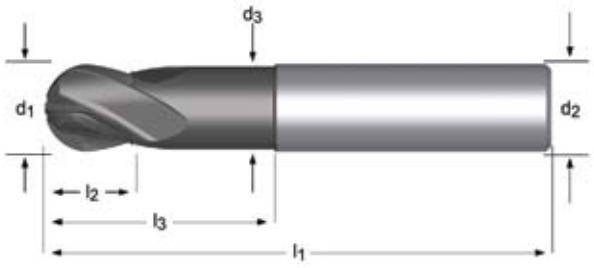
S502

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	l_3 mm	r ± 0,01	e-Code
1.00	6	1.5	57	2	3	0.50	**S5021.0**
1.50	6	2	57	2	4	0.75	**S5021.5**
2.00	6	3	57	2	6	1.00	**S5022.0**
2.50	6	3	57	2	6	1.25	**S5022.5**
3.00	6	4	57	2	7	1.50	**S5023.0**
4.00	6	5	80	2	8	2.00	**S5024.0**
5.00	6	6	80	2	10	2.50	**S5025.0**
6.00	6	10	80	2	-	3.00	**S5026.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	l_3 mm	r ± 0,01	e-Code
8.00	8	16	100	2	-	4.00	**S5028.0**
9.00	10	16	100	2	-	4.50	**S5029.0**
10.00	10	19	100	2	-	5.00	**S50210.0**
12.00	12	22	100	2	-	6.00	**S50212.0**
16.00	16	32	125	2	-	8.00	**S50216.0**



S532

N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30° | HSM

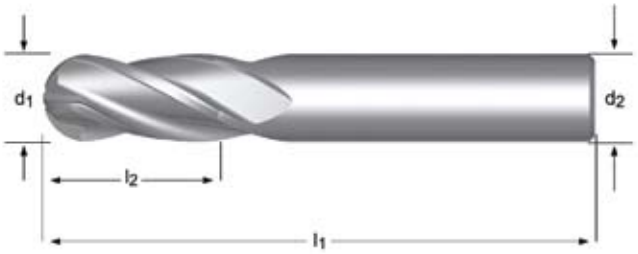
■ 1.3 1.4 1.5 1.6 1.7 1.8 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	r ± 0,01	e-Code
6.00	8	6	63	4	24	5.5	3.00	**S5326.0**
8.00	10	8	72	4	29	7.5	4.00	**S5328.0**
10.00	12	10	83	4	35	9.3	5.00	**S53210.0**
12.00	12	12	83	4	36	11.2	6.00	**S53212.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	l_3 mm	d_3 Ø mm	r ± 0,01	e-Code
16.00	16	16	92	4	42	15	8.00	**S53216.0**

S510 / S511

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



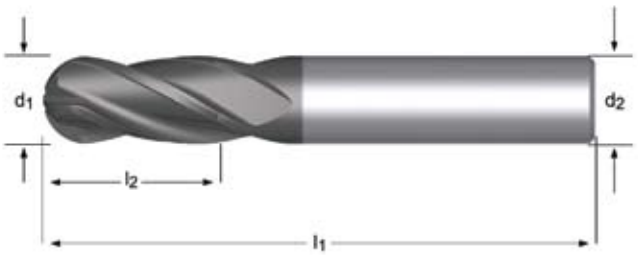
S510

N | HM | D | DIN 6535 HA | h9 | λ 30°

■ 4.1 4.2 4.3 7.3 7.4

● 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 8.1 8.2 8.3

d_1 Ø	d_2 Ø	l_2	l_1	z	r ±	e-Code
mm	mm	mm	mm		0,01	
3.00	6	8	80	4	1.50	**S5103.0**
4.00	6	11	80	4	2.00	**S5104.0**
5.00	6	13	80	4	2.50	**S5105.0**
6.00	6	13	80	4	3.00	**S5106.0**
8.00	8	19	100	4	4.00	**S5108.0**
10.00	10	22	100	4	5.00	**S51010.0**
12.00	12	26	100	4	6.00	**S51012.0**
16.00	16	32	100	4	8.00	**S51016.0**



S511

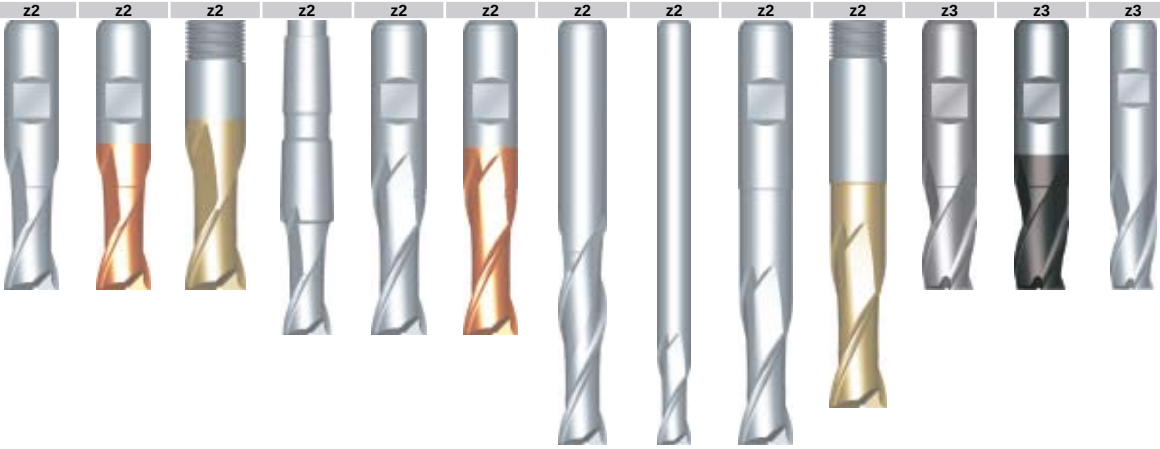
N | HM | TiAlN X | D | DIN 6535 HA | h9 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 7.3 7.4 8.2 8.3 9.1

● 1.7 6.1 6.2 6.3 6.4 7.1 7.2 8.1

d_1 Ø	d_2 Ø	l_2	l_1	z	R	e-Code
mm	mm	mm	mm			
3.00	6	8	80	4	1.50	**S5113.0**
4.00	6	11	80	4	2.00	**S5114.0**
5.00	6	13	80	4	2.50	**S5115.0**
6.00	6	13	80	4	3.00	**S5116.0**
7.00	8	16	100	4	3.50	**S5117.0**
8.00	8	19	100	4	4.00	**S5118.0**
9.00	10	19	100	4	4.50	**S5119.0**
10.00	10	22	100	4	5.00	**S51110.0**
12.00	12	26	100	4	6.00	**S51112.0**
16.00	16	32	100	4	8.00	**S51116.0**

DORMER

	C110	C126	C191	C165	C123	C139	C122	C167	C135	C192	C306	C353	C380
	N	N	N	N	N	N	N	N	N	N	N	N	N
	z2	z2	z2	z2	z2	z2	z2	z2	z2	z2	z3	z3	z3
													
	HSCo XP	HSCo XP	HSCo	HSCo	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo
		Super R	Nano			Super R				Nano		Super C	
	DIN 327 D	DIN 327 D	BS 122/4	DIN 326	DIN 844 K	DIN 844 K	D	D	DIN 844 L	BS 122/4	DIN 327 D	DIN 327 D	D
	P9	P9	P9	P9	P9	P9	P9	P9	P9	P9	P9	P9	P9
	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 228 A	DIN 1835 B	DIN 1835 B	DIN 1835 A	DIN 1835 A	DIN 1835 B	DIN 1835 D	DIN 1835 B	DIN 1835 B	DIN 1835 B
	e8	e8	e8	e8	e8	e8	e8	js14	e8	e8	e8 h10	e8 h10	e8 h10
	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°
	1.00 - 50.00	1.00 - 30.00	1.50 - 2“	14.00 - 40.00	2.00 - 40.00	2.00 - 30.00	5.00 - 30.00	6.00 - 16.00	2.00 - 30.00	1/16 - 1.1/2	2.80 - 40.00	3.00 - 30.00	1.00 - 12.00
											primax	primax	
	650	651	652	654	655	656	657	658	659	660	661	662	663
1.1	■60A	■133A	■47A	■55A	■55A	■121A	■45A	■50A	■50A	■42A	●60A	●146A	●44A
1.2	■48A	■106A	■37A	■44A	■44A	■96A	■36A	■40A	■40A	■34A	■48A	■117A	■35A
1.3	●42B	■93B	●32B	●38B	●38B	■84B	●31B	●35B	●35B	●29B	■42B	■102B	●30B
1.4	●36B	■79B	●28B	●33B	●33B	■72B	●27B	●30B	●30B	●25B	●36B	■87B	●26B
1.5		●54C				●49C						■60C	
1.6		●24C				●22C						●26C	
1.7													
1.8													
2.1	●27F	●47F	●21F	●25F	●25F	●43F	●20F	●23F	●23F	●19F	●27F	●52F	
2.2												●44F	
2.3		●25F				●23F						●28F	
2.4													
3.1	●33A	■60A	●26A	●30A	●30A	■55A	●25A	●28A	●28A	●23A	●33A	■67A	
3.2	●27A	■50A	●21A	●25A	●25A	■45A	●20A	●23A	●23A	●19A	●27A	■55A	
3.3	●48B	■87B	●37B	●44B	●44B	■79B	●36B	●40B	●40B	●34B	●48B	■96B	
3.4	●30B	■54B	●23B	●27B	●27B	■49B	●22B	●25B	●25B	●21B	●30B	■60B	
4.1	■33D	■47D	■26D	●30D	■30D	■43D	●25D	●28D	●28D	■23D	■33D	■50D	●24D
4.2	●27D	■38D	●21C	●25D	●25D	■35D	●20D	●23D	●23D	●19D	●27D	■41D	●20D
4.3		●17D				●15D						●18D	
5.1	■58D	■127D	■45D	■52D	■52D	■116D	■43D	■48D	■48D	■41D	■58D	■140D	●42D
5.2	●15C	■26C	●12C	●14C	●14C	■24C	●11C	●13C	●13C	●11C	●15C	■29C	●11C
5.3		●11D				●10D						●13D	
6.1	■151C	■264C	■117C	■137C	■137C	■240C	■112C	■125C	■125C	■106C	■151C	■287C	●110C
6.2	■151C	■264C	■117C	■137C	■137C	■240C	■112C	■125C	■125C	■106C	■151C	■287C	●110C
6.3	■151C	■264C	■117C	■137C	■137C	■240C	■112C	■125C	■125C	■106C	■151C	■287C	●110C
6.4		●26C				●24C						●28C	
7.1	●363E	●798E	●282E	●330E	●330E	●726E	●270E	●300E	●300E	●256E			
7.2	●363E	●798E	●282E	●330E	●330E	●726E	●270E	●300E	●300E	●256E	●363E	●878E	●264E
7.3	●108E	●239E	●84E	●99E	●99E	●217E	●81E	●90E	●90E	●76E	●108E	●263E	●79E
7.4		●133A				●121A						●146A	
8.1	●151C	●393C	●117C	●137C	●137C	●357C	●112C	●125C	●125C	●106C	●151C	●438C	
8.2													
8.3													
9.1													
10.1													
a_z	1.1	1.1	0.9	1.0	1.1	1.1	0.6	1.0	1.0	0.9	1.1	1.1	1.0

	C381	C368	C367	C391	C305	C352	C382	C383	C346	C392	C247	C246	C927
	N	N	N	N	N	N	N	N	N	N	N	N	N
	z3	z3	z3	z3	z3	z3	z3	z3	z3	z3	z4-6	z4-6	z 4
													
	HSCo	HSCo XP	HSCo XP	HSCo	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo	HSCo XP	HSCo XP	HSCo XP
	TiCN		Super C	Bronze		Super C		TiCN		Bronze		Super R	Super C
	D	DIN 327 D	DIN 327 D	BS 122/4	DIN 844 K	DIN 844 K	D	D	DIN 844 L	BS 122/4	DIN 844 K	DIN 844 K	DIN 844 K
	P9	P9	P9	P9	P9	P9	P9	P9	P9	P9			
	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D
	e8 h10	e8	e8	e8	e8	e8	e8	e8	e8	e8	k10	k10	k10
	λ 30°	λ 40°	λ 40°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 0°
	1.00 - 12.00	2.00 - 20.00	2.00 - 20.00	6.00 - 1"	2.00 - 32.00	3.00 - 20.00	1.00 - 12.00	1.00 - 12.00	3.00 - 20.00	6.00 - 20.00	2.00 - 40.00	2.00 - 32.00	4.00 - 25.00
		primax	primax		primax	primax							primax
	664	665	666	667	668	668	669	670	671	672	673	674	675
1.1	•88A	■60A	■146A	•42A	•55A	•133A	•40A	•80A	•45A	•38A	■55S	■121S	■146M
1.2	■70A	■48A	■117A	■34A	■44A	■106A	■32A	■64A	■36A	■30A	■44S	■96S	■117M
1.3	■61B	•42B	•102B	■29B	■38B	■93B	•28B	■56B	•31B	■26B	■38T	■84T	■102M
1.4	■52B	•36B	•87B	•25B	•33B	■79B	•24B	■48B	•27B	•23B	•33T	■72T	•87N
1.5	•36C					■54C		•32C				•49U	
1.6						•24C						•22U	
1.7													
1.8													
2.1	•30F	■27F	■52F	•19F	•25F	•48F		•27F	•20F	•17F	•25Y	•43Y	■52N
2.2		•23F	■44F			•40F							■44N
2.3		■15F	■28F			•26F		•15F				•23Y	■28R
2.4													
3.1	•39A			•23A	•30A	■61A		•35A	•25A	•21A	•30S	■55S	
3.2	•32A			•19A	•25A	■50A		•29A	•20A	•17A	•25S	■45S	
3.3	•56B			•34B	•44B	■88B		•51B	•36B	•30B	•44T	■79T	
3.4	•35B			•21B	•27B	■55B		•32B	•22B	•19B	•27T	■49T	
4.1	•32D	•33D	•50D	■23D	■30D	■46D	•22D	•29D	■25D	■21D	■30V	■43V	■50P
4.2	•26D			•19D	•25D	■37D	•18D	•23D	•20D	•17D	•25V	■35V	•40P
4.3	•11D					•16D		•10D				•15V	
5.1	•84D	•58D	•140D	■41D	■52D	■127D	•38D	•76D	■43D	■36D	■52V	■116V	■140P
5.2	•17C			•11C	■14C	■27C	•10C	•15C	•11C	•10C	•14U	■24U	•30O
5.3	•7D					•11D		•6D				•10V	
6.1	•176C	■151C	■287C	■106C	■137C	■261C	•100C	•160C	■112C	■96C	■137U	■240U	■280O
6.2	•176C	•151C	•287C	■106C	■137C	■261C	•100C	•160C	■112C	■96C	■137U	■240U	•280O
6.3	•176C	•151C	•287C	■106C	■137C	■261C	•100C	•160C	■112C	■96C	■137U	■240U	•280O
6.4	•17C					•26C		•16C				•24U	
7.1		■363E	■878E								•330X	•726X	•360Q
7.2	•528E	•363E	•878E	•256E	•330E	•798E	•240E	•480E	•270E	•230E	•330X	•726X	■360Q
7.3	•158E		•263E	•76E	•99E	•239E	•72E	•144E	•81E	•69E	•99X	•217X	•130Q
7.4	•88A					•133A		•80A				•121S	
8.1		•151C	•438C	•106C	•137C	•398C			•112C	•96C	•137U	•357U	•190O
8.2													
8.3													
9.1													
10.1													
a_z	1.0	1.1	1.1	0.9	1.1	1.1	1.0	1.0	0.6	0.5	1.1	1.1	1.3

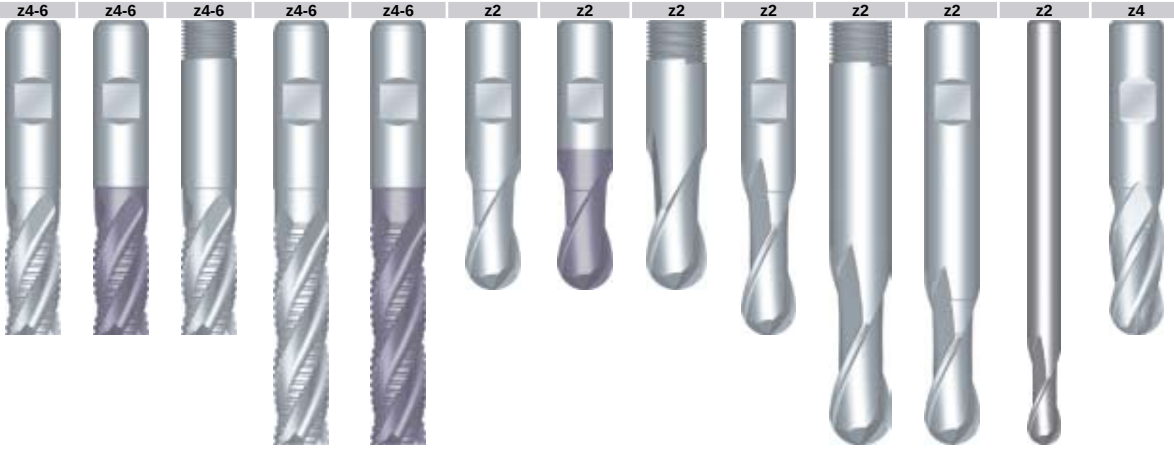
DORMER

	C299	C907	C291	C270	C273	C295	C940	C903	C920	C292	C272	C159	C169
	N	N	N	N	N	N	N	N	N	N	N	W	W
	z3-5	z3-6	z2-8	z4-8	z4-6	z4-6	z4	z3-5	z3-5	z2-6	z4-6	z2	z2
													
	HSCo XP	HSCo XP	HSCo	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo	HSCo	HSCo
		Super G	Bronze			Super R	Super G		Super G	Bronze			TiCN
	DIN 844 K	DIN 844 K	BS 122/4	DIN 845 K	DIN 844 L	DIN 844 L	DIN 844 L	DIN 844 L	DIN 844 L	BS 122/4	DIN 845 L	DIN 844 K	DIN 844 K
												P9	P9
	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 228 A	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 1835 D	DIN 228 A	DIN 1835 D	DIN 1835 D
	k10	k10		k10	k10	k10	k10	k10	k10		k10	e8	e8
	λ 45°	λ 45°	λ 30°	λ 30°	λ 30°	λ 30°	λ° ≠	λ 45°	λ 45°	λ 30°	λ 30°	λ 40°	λ 40°
	3.00 - 25.00	3.00 - 32.00	1/16 - 2"	10.00 - 50.00	2.00 - 40.00	2.00 - 40.00	6.00 - 25.00	6.00 - 25.00	6.00 - 25.00	1/16 - 1.1/2	16.00 - 40.00	2.00 - 20.00	2.00 - 20.00
	primax	primax					primax	primax	primax				
	676	676	677	679	680	681	682	683	683	684	685	686	686
1.1			■42S	■50S	■49S	■108S	■131M			■38S	■45S	■50A	■100A
1.2			■34S	■40S	■39S	■87S	■105M			■30S	■36S	●40A	■80A
1.3	■38T	■93T	■29T	■35T	■34T	■76T	■92N	■34T	■83T	■26T	■31T	●35B	●70B
1.4	■33T	■79T	●25T	●30T	●29T	■65T	●78N	■29T	■71T	●23T	●27T		
1.5	■22U	■54U				●44U		■20U	■49U				
1.6	●10U	■24U				●19U		●9U	■21U				
1.7													
1.8													
2.1	■25Y	■48Y	●19Y	●23Y	●22Y	●38Y	■47N	■22Y	■43Y	●17Y	●20Y	●23F	●34F
2.2	●21Y	■40Y					■40N	●19Y	■36Y			●19F	●29F
2.3	■13Y	■26Y				●21Y	■25R	■12Y	■23Y				●18F
2.4													
3.1	■30S	■61S	●23S	●28S	●27S	■49S		■27S	■55S	●21S	●25S		
3.2	■25S	■50S	●19S	●23S	●22S	■40S		■22S	■45S	●17S	●20S		
3.3	■44T	■88T	●34T	●40T	●39T	■71T		■39T	■79T	●30T	●36T		
3.4	■27T	■55T	●21T	●25T	●24T	■44T		■24T	■49T	●19T	●22T		
4.1	●30V	●46V	■23V	■28V	■27V	■38V	■45P	●27V	●41V	■21V	■25V	●28D	●36D
4.2	■25V	■37V	●19V	●23V	●22V	■31V	●36P	■22V	■34V	●17V	●20V		●29D
4.3	■11V	■16V				●14V		■10V	■15V				
5.1	■52V	■127V	■41V	■48V	■47V	■104V	■126P	■47V	■114V	■36V	■43V	●48D	●96D
5.2	■14U	■27U	●11U	●13U	●12U	■21U	●27O	■12U	■24U	●10U	●11U		●19D
5.3	■6V	■11V				●9V		■5V	■10V				
6.1			■106U	■125U	■123U	■216U	■250O			■96U	■112U	■125C	■200C
6.2	■137U	■261U	■106U	■125U	■123U	■216U	●250O	■123U	■235U	■96U	■112U		●200C
6.3			■106U	■125U	■123U	■216U	●250O			■96U	■112U		
6.4						●21U							
7.1				●300X	●297X	●653X	●320Q				●270X	■300E	■600E
7.2			●256X	●300X	●297X	●653X	■320Q			●230X	●270X	■300E	■600E
7.3			●76X	●90X	●89X	●196X	●115Q			●69X	●81X	■90E	■180E
7.4	■55S	■133S				●109S		■49S	■120S				■100A
8.1			●106U	●125U	●123U	●321U	●170O			●96U	●112U	●125C	●300C
8.2													
8.3													
9.1													
10.1													
a_z	1.1	1.1	0.9	1.0	0.6	0.6	0.7	0.6	0.6	0.5	0.6	1.0	1.0

	C166	C336	C358	C333	C359	C365	C324	C905	C922	C426	C428	C437	C436
	W	W	W	W	W	W	HRA	HRA	HRA	HRA	HRA	HR	HR
	z2	z3	z3	z3	z3	z3-4	z3	z3	z3-4	z4	z4-6	z3-6	z3-6
													
	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo
			Super G		Super G		Super G		Super G		Super G		TiCN
	DIN 844 L	DIN 844 K	DIN 844 K	DIN 844 L	DIN 844 L	DIN 844 K	DIN 327 D	DIN 844 K	DIN 844 K	DIN 844 K	DIN 844 K	DIN 844 K	DIN 844 K
	P9												
	e8	k10	k10	k10	k10	k10	k12	k12	k12	k12	k12	k12	k12
	λ 40°	λ 40°	λ 40°	λ 40°	λ 40°	λ 40°	λ 35°	λ 35°	λ 35°	λ 35°	λ 35°	λ 35°	λ 35°
	6.00 - 16.00	10.00 - 30.00	10.00 - 30.00	10.00 - 30.00	10.00 - 30.00	10.00 - 30.00	8.00 - 30.00	6.00 - 20.00	6.00 - 40.00	6.00 - 20.00	6.00 - 40.00	6.00 - 30.00	6.00 - 30.00
							NEW 2008.09	NEW 2008.09	NEW 2008.09				
		primax	primax	primax	primax	primax	primax	primax	primax	primax	primax		
	687	688	688	689	689	690	691	692	692	693	693	694	694
1.1	■45A	●55A	●133A	●49A	●119A	●55M						●45G	●90G
1.2	●36A	●44A	■106A	●39A	■95A	●44M						■36G	■72G
1.3	●31B	●38B	●93B	●34B	●83B	●38N	●102H	●38H	●93H	●38H	●93H	■31H	■63H
1.4							■87H	■33H	■79H	■33H	■79H	●27H	■54H
1.5							■60I	■22I	■54I	■22I	■54I		●36I
1.6							■26I	●10I	■24I	●10I	■24I		●16I
1.7													
1.8													
2.1	●20F	●25F	●48F	●22F	●43F	●25R	■52L	■25L	■48L	■25L	■48L	●20L	●31L
2.2	●17F	●21F	●40F	●19F	●36F		■44L	●21L	■40L	●21L	■40L		
2.3			●26F		●23F		■28L	■13L	■26L	■13L	■26L		●16L
2.4													
3.1							■67G	■30G	■61G	■30G	■61G	●25G	■40G
3.2							■55G	■25G	■50G	■25G	■50G	●20G	■33G
3.3							■96H	■44H	■88H	■44H	■88H	●36H	■57H
3.4							■60H	■27H	■55H	■27H	■55H	●22H	■36H
4.1	●25D	●30D	●46D	●27D	●41D	●30P	●50J	●30J	●46J	●30J	●46J	●25J	●32J
4.2			●37D		●34D		■41J	■25J	■37J	■25J	■37J	●20J	■26J
4.3							■18J	■11J	■16J	■11J	■16J		●12J
5.1	●43D	●52D	●127D	●47D	●114D	●52P	●140J	●52J	●127J	●52J	●127J	●43J	●86J
5.2			●27D		●24D		■29I	■14I	■27I	■14I	■27I	●11I	■17I
5.3							■13J	■6J	■11J	■6J	■11J		●7J
6.1	■112C	■137C	■261C	■123C	■235C	■137O						●112I	●180I
6.2			●261C		●235C	■137O	■287I	■137I	■261I	■137I	■261I	■112I	■180I
6.3						●137O						■112I	■180I
6.4							●28I	●13I	●26I	●13I	●26I		●18I
7.1	■270E	●330E	●798E	●297E	●718E	■330Q							
7.2	■270E	■330E	■798E	■297E	■718E	■330Q						●270K	●540K
7.3	■81E	●99E	■239E	●89E	■215E	●99Q						●81K	●162K
7.4			■133A		■120A		■146G	■55G	■133G	■55G	■133G		●90G
8.1	●112C					●137O						●112I	●270I
8.2													
8.3													
9.1													
10.1													
a_z	0.6	1.1	1.1	0.6	0.6	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9

DORMER

	C491	C492	C407	C908	C493	C475	C944	C948	C477	C921	C424	C929	C439
	HRA	HRA	NRA	NRA	NRA	NR	NRA	NRA	NR	FS	FS	FS	FS
	z3-6	z3-6	z4-6	z4-6	z4-6	z4-6	z4-6	z4-6	z4-6	z3-6	z4-6	z4-6	z4-6
													
	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo XP	HSCo	HSCo XP	HSCo XP	HSCo	HSCo XP	HSCo XP	HSCo XP	HSCo XP
		Super G		Super G				Super G		Super G		Super R	
	DIN 844 L	DIN 844 L	DIN 844 K	DIN 844 K	DIN 844 K	DIN 845 K	DIN 844 L	DIN 844 L	DIN 845 L	DIN 844 K	DIN 844 K	DIN 844 K	DIN 844 L
	k12	k12	k12	k12	k12	k12	k12	k12	k12	k10	k10	k10	k10
	λ 35°	λ 35°	λ 35°	λ 35°	λ 30°	λ 30°	λ 35°	λ 35°	λ 30°	λ 45°	λ 30°	λ 30°	λ 30°
	6.00 - 30.00	6.00 - 30.00	6.00 - 40.00	6.00 - 40.00	8.00 - 32.00	14.00 - 50.00	6.00 - 50.00	6.00 - 32.00	16.00 - 40.00	6.00 - 32.00	6.00 - 30.00	6.00 - 30.00	6.00 - 30.00
	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09	NEW 2008.09		NEW 2008.09	NEW 2008.09					
	primax	primax	primax	primax	primax		primax	primax		primax			
	695	695	696	696	697	698	699	699	700	701	702	702	703
1.1			●55G		●45G	●50G			●45G		■55M	■121M	■49M
1.2			■44G		■36G	■40G			■36G		■44M	■96M	■39M
1.3	■34H	■83H	■38H	■93H	■31H	■35H	■34H	■83H	■31H	■93N	■38N	■84N	■34N
1.4	■29H	■71H	■33H	■79H	●27H	●30H	■29H	■71H	●27H	■79N	●33N	●72N	●29N
1.5	■20I	■49I	■22I	■54I			■20I	■49I		■54O		●49O	
1.6	●9I	■21I	●10I	●24I			●9I	■21I		■24O		●22O	
1.7													
1.8													
2.1	■22L	■43L	■25L	■48L	●20L	●23L	■22L	■43L	●20L	■48R	●25R	●43R	●22R
2.2	●19L	■36L	●21L	■40L			●19L	■36L		■40R			
2.3	■12L	■23L	■13L	■26L			■12L	■23L		■26R		●23R	
2.4													
3.1	■27G	■55G	■30G	■61G	●25G	●28G	■27G	■55G	●25G	■61M	●30M	■55M	●27M
3.2	■22G	■45G	■25G	■50G	●20G	●23G	■22G	■45G	●20G	■50M	●25M	■45M	●22M
3.3	■39H	■79H	■44H	■88H	●36H	●40H	■39H	■79H	●36H	■88N	●44N	■79N	●39N
3.4	■24H	■49H	■27H	■55H	●22H	●25H	■24H	■49H	●22H	■55N	●27N	■49N	●24N
4.1	●27J	●41J	●30J	●46J	●25J	●28J	●27J	●41J	●25J	●46P	■30P	■43P	■27P
4.2	■22J	■34J	■25J	■37J	●20J	●23J	■22J	■34J	●20J	■37P	●25P	■35P	●22P
4.3	■10J	■15J	■11J	■16J			■10J	■15J		■16P		●15P	
5.1	●47J	●114J	●52J	●127J	●43J	●48J	●47J	●114J	●43J	●127P	■52P	■116P	■47P
5.2	■12I	■24I	■14I	■27I	●11I	●13I	■12I	■24I	●11I	■27O	●14O	■24O	●12O
5.3	■5J	■10J	■6J	■11J			■5J	■10J		■11P		●10O	
6.1					●112I	●125I			●112I		■137O	■240O	■123O
6.2	■123I	■235I	■137I	■261I	■112I	■125I	■123I	■235I	■112I	■261O	■137O	■240O	■123O
6.3					■112I	■125I			■112I		■137O	■240O	■123O
6.4	●12I	●23I	●13I	●26I			●12I	●23I		●26O		●24O	
7.1											●330Q	●726Q	●297Q
7.2					●270K	●300K			●270K		●330Q	●726Q	●297Q
7.3					●81K	●90K			●81K		●99Q	●217Q	●89Q
7.4	■49G	■120G	●55G	●133G			■49G	■120G		■133M		●121M	
8.1					●112I	●125I			●112I		●137O	●357O	●123O
8.2													
8.3													
9.1													
10.1													
a_z	0.6	0.6	1.1	1.1	1.0	1.0	0.6	0.6	0.6	1.1	1.1	1.1	0.6

	C400	C413	C460	C403	C429	C500	C503	C530	C505	C535	C511	C502	C514
	NF	NF	NF	NF	NF	N	N	N	N	N	N	N	N
	z4-6	z4-6	z4-6	z4-6	z4-6	z2	z2	z2	z2	z2	z2	z2	z4
													
	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSS	HSCo	HSS	HSCo	HSCo	HSCo
		TiCN			TiCN		TiCN						
	DIN 844 K	DIN 844 K	DIN 844 K	DIN 844 L	DIN 844 L	DIN 327 D	DIN 327 D	BS 122/4	DIN 844 K	BS 122/4	DIN 844 L	D	DIN 844 K
	DIN 1835 B	DIN 1835 B	DIN 1835 D	DIN 1835 B	DIN 1835 B	DIN 1835 B	DIN 1835 B	DIN 1835 D	DIN 1835 B	DIN 1835 D	DIN 1835 B	DIN 1835 A	DIN 1835 B
	k12	k12	k12	k12	k12	e8	e8	e8	e8	e8	e8	js14	k10
	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°
	6.00 - 50.00	6.00 - 32.00	6.00 - 50.00	10.00 - 50.00	10.00 - 32.00	2.00 - 25.00	2.00 - 25.00	1/16 - 1.1/2	3.00 - 30.00	3.00 - 20.00	3.00 - 25.00	6.00 - 16.00	6.00 - 32.00
	704	704	705	706	706	707	707	708	709	710	711	712	713
1.1	•50G	•100G	•45G	•45G	•90G	■55S	■110S	■34S	■50S	■31S	■50S	■50S	■50S
1.2	■40G	■80G	■36G	■36G	■72G	■44S	■88S	■27S	■40S	■25S	■40S	■40S	■40S
1.3	■35H	■70H	■31H	■31H	■63H	•38T	■77T	•24T	•35T	•22T	•35T	•35T	■35T
1.4	•30H	■60H	•27H	•27H	■54H	•33T	■66T		•30T	•18T	•30T	•30T	•30T
1.5		•41I			•36I		•45U						
1.6		•18I			•16I		•20U						
1.7													
1.8													
2.1	•23L	•34L	•20L	•20L	•31L	•25Y	•37Y		•23Y	•14Y	•23Y	•23Y	•23Y
2.2													
2.3		•18L			•16L		•20Y						
2.4													
3.1	•28G	■44G	•25G	•25G	■40G	•30S	■49S	•27S	•28S	•25S	•28S	•28S	•28S
3.2	•23G	■36G	•20G	•20G	■33G	•25S	■40S	•22S	•23S	•20S	•23S	•23S	•23S
3.3	•40H	■64H	•36H	•36H	■57H	•44T	■70T	•27T	•40T	•25T	•40T	•40T	•40T
3.4	•25H	■40H	•22H	•22H	■36H	•27T	■44T		•25T	•15T	•25T	•25T	•25T
4.1	•28J	•36J	•25J	•25J	•32J	■30V	■40V	•19V	■28V	■17V	■28V	■28V	■28V
4.2	•23J	■29J	•20J	•20J	■26J	•25V	■32V	•15V	•23V	•14V	•23V	•23V	•23V
4.3		•13J			•12J		•14V						
5.1	•48J	•96J	•43J	•43J	•86J	■52V	■105V	•33V	■48V	■30V	■48V	■48V	■48V
5.2	•13I	■19I	•11I	•11I	■17I	•14U	■21V	•6U	•13U	•5U	•13U	•13U	•13U
5.3		•8J			•7J		•9V						
6.1	•125I	•200I	•112I	•112I	•180I	■137U	■220U	•61U	■125U	■56U	■125U	■125U	■125U
6.2	■125I	■200I	■112I	■112I	■180I	■137U	■220U	•68U	■125U	■61U	■125U	■125U	■125U
6.3	■125I	■200I	■112I	■112I	■180I	■137U	■220U	•68U	■125U	■61U	■125U	■125U	■125U
6.4		•20I			•18I		•22V						
7.1						•330X	•660X	•74X	•300X	•67X	•300X	•300X	•300X
7.2	•300K	•600K	•270K	•270K	•540K	•330X	•660X	•59X	•300X	•54X	•300X	•300X	•300X
7.3	•90K	•180K	•81K	•81K	•162K	•99X	•198X	•44X	•90X	•40X	•90X	•90X	•90X
7.4		•100G			•90G		•110S						
8.1	•125I	•300I	•112I	•112I	•270I	•137U	•330U	•61U	•125U	•56U	•125U	•125U	•125U
8.2													
8.3													
9.1													
10.1													
a_z	1.0	1.0	0.9	0.6	0.6	1.0	1.0	0.9	1.0	0.9	1.0	1.0	1.0

DORMER

	C510	C516	C800	C810	C825	C822	C820	C801
	N	NR	N	N	N	N	N	NF
	Z4-6	Z4	Z6-8	Z6-8	Z8-12	Z6-12	Z6-12	Z6-8
								
	HSCo	HSCo	HSCo	HSS	HSCo	HSCo	HSS	HSCo
	DIN 844 L	DIN 844 K	DIN 851	D	D	DIN 858	D	DIN 851
	k10	k12	d11	d11	h11	h11		d11
	λ 30°	λ 30°	λ 12°	λ 12°	λ 10°	λ 10°	λ 12°	λ 12°
	6.00 - 32.00	10.00 - 32.00	11.00 - 50.00	12.50 - 1.61/64	40.00 - 63.00	4.50 - 45.50	10.50 - 45.50	16.00 - 32.00

	714	714	715	716	717	718	719	721
1.1	■45S	●50G	■36P	■25P	■34P	■37P	■25P	■39P
1.2	■36S	■40G	■36P	■25P	■28P	■37P	■25P	■39P
1.3	■31T	■35H	■29P	■20P	■28P	■29P	■20P	■32P
1.4	●27T	●30H	■25P	■17P	■22P	■26P	■18P	■27P
1.5			■18P	■12P	●14P	●19P	●13P	■19P
1.6			■14P	■9P	●10P	●15P	●10P	■15P
1.7								
1.8								
2.1	●20Y	●23L	■22P	■15P	■13P	■23P	■16P	■24P
2.2			■16P	■11P	■10P	■17P	■11P	■17P
2.3			■12R	■8R	●10R	●13R	●9R	■13R
2.4								
3.1	●25S	●28G	■21R	■21R	■22R	■22R	■22R	■23R
3.2	●20S	●23G	■18R	■18R	■19R	■19R	■19R	■19R
3.3	●36T	●40H	■29R	■20R	■30R	■29R	■20R	■32R
3.4	●22T	●25H	■18R	■12R	■19R	■19R	■13R	■19R
4.1	■25V	●28J	■29N	■20N	■34N	■29N	■20N	■32N
4.2	●20V	●23J	■20O	■14O	■22O	■21O	■14O	■22O
4.3			■11O	■7O	●10O	●12O	●8O	■12O
5.1	■43V	●48J	■36P	■25P	■36P	■37P	■25P	■39P
5.2	●11U	●13I	■11O	■5O	■5O	■12O	■6O	■12O
5.3			■6M	■3M	●5M	●6M	●3M	■6M
6.1	■112U	●125I	■100P	■50P	■28P	■100P	■50P	■111P
6.2	■112U	■125I	■100P	■55P	■34P	■100P	■55P	■111P
6.3	■112U	■125I	■35P	■19P	■34P	■100P	■55P	■38P
6.4			■14M	■7M	●12M	●15M	●7M	■15M
7.1	●270X		■250R	■62R	■70R	■260R	■65R	■277R
7.2	●270X	●300K	■250R	■50R	■70R	■260R	■52R	■277R
7.3	●81X	●90K	■64R	■32R	■28R	■66R	■33R	■71R
7.4			■43R	■21R	■18R	■44R	■22R	■47R
8.1	●112U	●125I	■100M	■50M	■35M	■100M	■50M	■111M
8.2								
8.3								
9.1								
10.1			■43R	■21R	●18R	●44R	●22R	■47R
a_z	0.6	1.0						

	C700	C710	C830	C837	C835	C831	D500
	N	N	N	N	N	N	N
	Z4-6	Z4	Z10-12	Z6-8	Z6-8	Z10-12	Z16-18
							
	HSCo	HSS	HSCo	HSS	HSS	HSCo	HSCo
	DIN 1833 C	DIN 1833 D	DIN 1833 C	DIN 1833 D	DIN 1833 D	DIN 1833 D	DIN 847
	js16		js16			js16	js16
	1.00 - 20.00	1/16 - 1/2	12.00 - 32.00	13.00 - 1.1/2	1/2 - 1.1/2	12.00 - 32.00	50.00 - 80.00
	722	722	723	724	724	725	726
1.1	■33P	■20P	■32P	■20P	■20P	■32P	■28P
1.2	■33P	■20P	■32P	■20P	■20P	■32P	■28P
1.3	■26P	■16P	■25P	■16P	■16P	■25P	■22P
1.4	■23P	■14P	■22P	■14P	■14P	■22P	■20P
1.5	●17P	●10P	●16P	●10P	●10P	●16P	●14P
1.6	●13P	●8P	●12P	●7P	●7P	●12P	●11P
1.7							
1.8							
2.1	■20P	■13P	■19P	■12P	■12P	■19P	■17P
2.2	■15P	■9P	■14P	■9P	■9P	■14P	■13P
2.3	●11R	●6R	●11R	●7R	●7R	●11R	●10R
2.4							
3.1	■20R	■18R	■18R	■17R	■17R	■18R	■17R
3.2	■17R	■15R	■16R	■15R	■15R	■16R	■14R
3.3	■26R	■16R	■25R	■16R	■16R	■25R	■22R
3.4	■17R	■10R	■16R	■10R	■10R	■16R	■14R
4.1	■26N	■16N	■25N	■16N	■16N	■25N	■22N
4.2	■19O	■11O	■17O	■11O	■11O	■17O	■16O
4.3	●10O	●6O	●9O	●6O	●6O	●9O	●9O
5.1	■33P	■20P	■32P	■20P	■20P	■32P	■28P
5.2	■10O	■4O	■9O	■4O	■4O	■9O	■9O
5.3	●6M	●2M	●5M	●2M	●2M	●5M	●5M
6.1	■90P	■40P	■88P	■40P	■40P	■88P	■77P
6.2	■90P	■45P	■88P	■44P	■44P	■88P	■77P
6.3	■90P	■45P	■77P	■15P	■15P	■77P	■77P
6.4	●13M	●5M	●12M	●5M	●5M	●12M	●10M
7.1	■245R	■55R	■190R	■50R	■50R	■190R	■190R
7.2	■228R	■41R	■190R	■40R	■40R	■190R	■190R
7.3	■60R	■26R	■56R	■25R	■25R	■56R	■50R
7.4	■40R	■17R	■37R	■17R	■17R	■37R	■33R
8.1			■77M	■40M	■40M	■77M	■77M
8.2							
8.3							
9.1							
10.1	●40R	●17R	●37R			●37R	●33R

DORMER

	D552	D763	D200	D747	D745	D750	D751
	N	N	N	N			
	Z16-28	Z28-44	Z16-30	Z40-200	Z24-100	Z128-220	Z160-350
							
	HSCo	HSCo	HSCo	HSS	HSS	HSS	HSS
						ST	ST
	DIN 842	DIN 885 A	DIN 885 A	DIN 1837	DIN 1838	DIN 1837	DIN 1837
	js16	js16	js16				
	λ 0°	λ 15°	λ 15°				
	50.00 - 160.00	63.00 - 125.00	50.00 - 200.00	32.00 - 315.00	50.00 - 315.00	200.00 - 350.00	200.00 - 350.00

	727	728	729	730	732	733	733
1.1	■29P	■45P	■45P	■30P	■30P	■30P	■30P
1.2	■29P	■40P	■40P	■27P	■27P	■27P	■27P
1.3	■23P	■35P	■35P	■23P	■23P	■23P	■23P
1.4	■20P	■30P	■30P				
1.5	●15P	■20P	■20P				
1.6	●11P	■12P	■12P				
1.7							
1.8							
2.1	■18P	■30P	■30P	■18P	■18P	■18P	■18P
2.2	■13P	■20P	■20P				
2.3	●10R	■12R	■12R				
2.4							
3.1	■17R	■32R	■32R	■25R	■25R	■25R	■25R
3.2	■15R	■25R	■25R	■20R	■20R	■20R	■20R
3.3	■23R	■40R	■40R	■25R	■25R	■25R	■25R
3.4	■15R	■25R	■25R				
4.1	■23N	■30N	■30N	■18N	■18N	■18N	■18N
4.2	■16O	■20O	■20O	■15O	■15O	■15O	■15O
4.3	●9O	■15O	■15O				
5.1	■29P	■40P	■40P	■30P	■30P	■30P	■30P
5.2	■9O	■15O	■15O	■6O	■6O	■6O	■6O
5.3	●5M	■10M	■10M				
6.1	■80P	■150P	■150P	■55P	■55P	■55P	■55P
6.2	■80P	■150P	■150P	■60P	■60P	■60P	■60P
6.3	■80P	■150P	■150P	■60P	■60P	■60P	■60P
6.4	●11M	■15M	■15M				
7.1	■200R	■400R	■400R	■60R	■60R	■60R	■60R
7.2	■200R	■400R	■400R	■55R	■55R	■55R	■55R
7.3	■51R	■100R	■100R	■35R	■35R	■35R	■35R
7.4	■34R	■70R	■70R				
8.1	■80M	■150M	■150M	■60M	■60M	■60M	■60M
8.2							
8.3							
9.1							
10.1	●34R						

	D752	D753	D400	D420	D413	D401
			N	N	N	W
	Z80-180	Z100-140	Z8-12	Z8-12	Z6-8	Z4-6
						
	HSS	HSS	HSCo	HSCo	HSCo	HSCo
	ST	ST		TiCN		
	DIN 1837	DIN 1838	DIN 1880	DIN 1880	DIN 841	DIN 1880
			js16	js16	js16	js16
			λ 30°	λ 30°	λ 30°	λ 30°
	200.00 - 350.00	250.00 - 350.00	40.00 - 100.00	40.00 - 100.00	35.00 - 60.00	40.00 - 100.00

	734	734	735	735	736	736
1.1	■30P	■30P	■37J	■74J	■37J	■37J
1.2	■27P	■27P	■37J	■74J	■37J	■37J
1.3	■23P	■23P	■30J	■67J	■30J	•30J
1.4			■26J	■52J	■26J	•26J
1.5			•19J	■37J	•19J	•19J
1.6			•15H	■30H	•15H	
1.7						
1.8						
2.1	■18P	■18P	■23H	■37H	■23H	■23H
2.2			•17H	■30H	•17H	•17H
2.3			■13H	■21H	■13H	•13H
2.4						
3.1	■25R	■25R	■22K	■37K	■22K	•22K
3.2	■20R	■20R	■19K	■30K	■19K	•19K
3.3	■25R	■25R	■30K	■49K	■30K	•30K
3.4			■19K	■31K	■19K	•19K
4.1	■18N	■18N	■30J	■37J	■30J	■30J
4.2	■15O	■15O	•21I	■26I	•21I	•21I
4.3			•12I	■15I	•12I	•12I
5.1	■30P	■30P	■37J	■74J	■37J	■37J
5.2	■6O	■6O	•12I	■19I	•12I	•12I
5.3			•6G	■12G	•6G	•6G
6.1	■55P	■55P	■104I	■148I	■104I	■104I
6.2	■60P	■60P	■104I	■148I	■104I	■104I
6.3	■60P	■60P	■36I	■52I	■36I	■36I
6.4			•14H	■19H	•14H	•14H
7.1	■60R	■60R	•260I	•260I	•260I	■260I
7.2	■55R	■55R	■260I	■260I	■260I	■260I
7.3	■35R	■35R	■67I	■133I	■67I	■67I
7.4			•44K	■74K	•44K	•44K
8.1	■60M	■60M	•104I	■122I	•104I	•104I
8.2			•30I	•59I	•30I	•30I
8.3			•7I	•15I	•7I	•7I
9.1						
10.1			•44K	■127K	•44K	

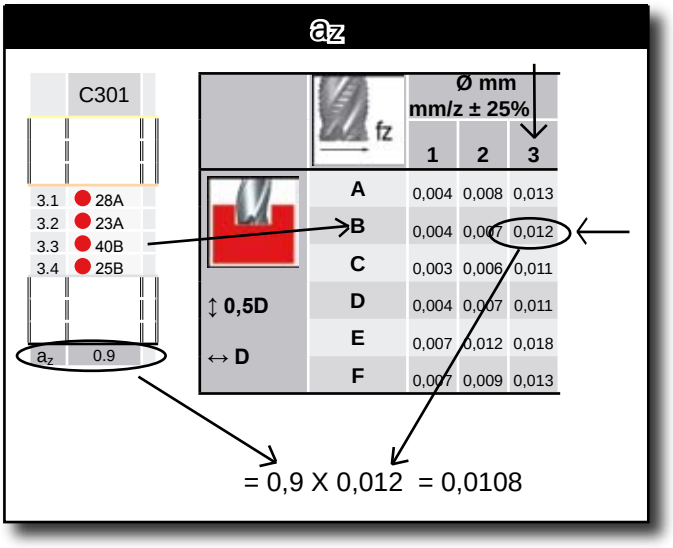
DORMER

	D402	D422	D412	D403	D423
	NR	NR	NR	NF	NF
	Z6-12	Z6-10	Z6-10	Z6-12	Z6-10
					
	HSCo	HSCo	HSCo	HSCo	HSCo
		TiCN			TiCN
	DIN 1880	DIN 1880	DIN 841	DIN 1880	DIN 1880
	js16	js16	js16	js16	js16
	λ 30°	λ 30°	λ 30°	λ 30°	λ 30°
	40.00 - 125.00	40.00 - 100.00	40.00 - 60.00	40.00 - 125.00	40.00 - 100.00
	737	**737**	**738**	**738**	**739**
1.1	■37J	■74J	■37J	■37J	■74J
1.2	■37J	■74J	■37J	■37J	■74J
1.3	■30J	■67J	■30J	■30J	■67J
1.4	■26J	■52J	■26J	■26J	■52J
1.5	●19J	■37J	●19J	●19J	■37J
1.6	●15H	■30H	●15H	●15H	■30H
1.7					
1.8					
2.1	■23H	■37H	■23H	■23H	■37H
2.2	●17H	■30H	●17H	●17H	■30H
2.3	■13H	■21H	■13H	■13H	■21H
2.4					
3.1	■22K	■37K	■22K	■22K	■37K
3.2	■19K	■30K	■19K	■19K	■30K
3.3	■30K	■49K	■30K	■30K	■49K
3.4	■19K	■31K	■19K	■19K	■31K
4.1	■30J	■37J	■30J	■30J	■37J
4.2	●21I	■26I	●21I	●21I	■26I
4.3	●12I	■15I	●12I	●12I	■15I
5.1	■37J	■74J	■37J	■37J	■74J
5.2	●12I	■19I	●12I	●12I	■19I
5.3	●6G	■12G	●6G	●6G	■12G
6.1	■104I	■148I	■104I	■104I	■148I
6.2	■104I	■148I	■104I	■104I	■148I
6.3	■36I	■52I	■36I	■36I	■52I
6.4	●14H	■19H	●14H	●14H	■19H
7.1	●260I	●260I	●260I	●260I	●260I
7.2	■260I	■260I	■260I	■260I	■260I
7.3	■67I	■133I	■67I	■67I	■133I
7.4	●44K	■74K	●44K	●44K	■74K
8.1	●104I	■122I	●104I	●104I	■122I
8.2	●30I	●59I	●30I	●30I	●59I
8.3	●7I	●15I	●7I	●7I	●15I
9.1					
10.1	●44K	■127K	●44K	●44K	■127K

HSS	fz	Ø mm mm/z ± 25%																				
		1	2	3	4	5	6	8	10	12	14	16	18	20	22	25	28	30	32	36	40	50
↕ 0,5D ↔ D	A	0,004	0,008	0,013	0,017	0,024	0,029	0,043	0,060	0,072	0,084	0,096	0,097	0,096	0,099	0,105	0,109	0,108	0,106	0,108	0,108	0,105
	B	0,004	0,007	0,012	0,015	0,022	0,026	0,039	0,054	0,065	0,076	0,086	0,087	0,086	0,089	0,095	0,098	0,097	0,095	0,097	0,097	0,095
	C	0,003	0,006	0,011	0,014	0,019	0,023	0,035	0,049	0,058	0,068	0,078	0,079	0,078	0,080	0,085	0,088	0,087	0,086	0,087	0,087	0,085
	D	0,004	0,007	0,011	0,014	0,020	0,024	0,037	0,051	0,061	0,071	0,081	0,082	0,081	0,084	0,089	0,099	0,091	0,097	0,091	0,101	0,101
	E	0,007	0,012	0,018	0,024	0,035	0,042	0,063	0,087	0,105	0,122	0,140	0,141	0,140	0,144	0,153	0,171	0,157	0,168	0,157	0,175	0,175
	F	0,007	0,009	0,013	0,018	0,021	0,025	0,033	0,041	0,050	0,055	0,064	0,072	0,079	0,079	0,085	0,085	0,085	0,085	0,085	0,085	0,085
↕ D ↔ 0,8D	G						0,026	0,034	0,036	0,043	0,050	0,057	0,064	0,071	0,071	0,054	0,053	0,054	0,053	0,056	0,057	0,060
	H						0,023	0,031	0,032	0,039	0,045	0,051	0,058	0,064	0,064	0,049	0,048	0,049	0,048	0,050	0,051	0,054
	I						0,021	0,028	0,029	0,035	0,041	0,046	0,052	0,058	0,058	0,044	0,043	0,044	0,043	0,045	0,046	0,049
	J						0,024	0,031	0,033	0,039	0,046	0,052	0,059	0,065	0,065	0,049	0,049	0,049	0,049	0,051	0,052	0,055
	K						0,035	0,047	0,065	0,079	0,092	0,105	0,088	0,098	0,097	0,110	0,110	0,110	0,110	0,115	0,118	0,123
	L						0,010	0,013	0,017	0,020	0,025	0,028	0,030	0,032	0,033	0,034	0,036	0,038	0,039	0,040	0,042	0,042
↕ 1,5D ↔ 0,25D	M		0,008	0,012	0,018	0,023	0,031	0,041	0,057	0,069	0,080	0,091	0,103	0,114	0,090	0,103	0,085	0,091	0,097	0,110	0,107	0,086
	N		0,007	0,011	0,016	0,021	0,028	0,037	0,051	0,062	0,072	0,082	0,093	0,103	0,081	0,093	0,077	0,082	0,087	0,099	0,096	0,077
	O		0,006	0,010	0,015	0,019	0,025	0,033	0,046	0,056	0,065	0,074	0,083	0,092	0,073	0,083	0,069	0,074	0,079	0,089	0,087	0,070
	P		0,007	0,010	0,016	0,020	0,027	0,035	0,049	0,059	0,069	0,079	0,088	0,098	0,078	0,088	0,073	0,079	0,084	0,094	0,092	0,074
	Q		0,009	0,014	0,021	0,026	0,036	0,048	0,066	0,079	0,092	0,106	0,089	0,099	0,098	0,111	0,111	0,119	0,127	0,143	0,139	0,148
	R		0,012	0,016	0,020	0,025	0,029	0,038	0,047	0,056	0,065	0,073	0,083	0,092	0,092	0,092	0,092	0,092	0,104	0,104	0,108	0,108
↕ 1,5D ↔ 0,1D	S		0,010	0,015	0,023	0,029	0,039	0,051	0,071	0,086	0,100	0,114	0,129	0,143	0,113	0,129	0,107	0,114	0,122	0,137	0,133	0,107
	T		0,009	0,014	0,021	0,026	0,035	0,046	0,064	0,077	0,090	0,103	0,116	0,129	0,102	0,116	0,096	0,103	0,110	0,123	0,120	0,096
	U		0,008	0,012	0,019	0,023	0,032	0,041	0,058	0,070	0,081	0,092	0,104	0,116	0,092	0,104	0,087	0,092	0,099	0,111	0,108	0,087
	V		0,009	0,013	0,020	0,025	0,033	0,044	0,061	0,074	0,086	0,098	0,110	0,123	0,097	0,110	0,092	0,098	0,105	0,118	0,115	0,092
	X		0,012	0,017	0,026	0,033	0,045	0,059	0,082	0,099	0,115	0,132	0,111	0,124	0,122	0,139	0,139	0,148	0,158	0,178	0,173	0,186
	Y		0,015	0,020	0,025	0,031	0,036	0,047	0,059	0,070	0,081	0,092	0,104	0,115	0,115	0,115	0,115	0,115	0,130	0,130	0,136	0,136

HSS	fz	Ø mm mm/z ± 25%								
		11	12,5	16	18	21	25	32	40	50
↕ b ↔ D	A	0,013	0,017	0,022	0,032	0,039	0,038	0,045	0,045	0,045
	B	0,018	0,022	0,027	0,041	0,048	0,046	0,055	0,060	0,060
	C	0,020	0,025	0,030	0,046	0,055	0,055	0,060	0,060	0,060
	D	0,025	0,030	0,043	0,058	0,065	0,064	0,070	0,070	0,070
	E	0,040	0,045	0,048	0,058	0,065	0,064	0,070	0,070	0,070
	F	0,045	0,055	0,070	0,105	0,122	0,119	0,128	0,128	0,128

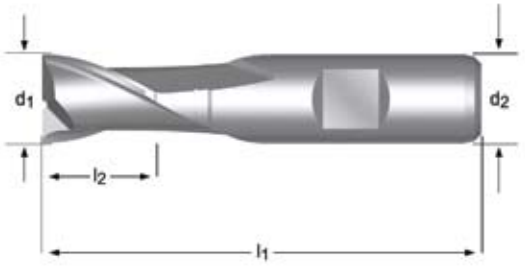
HSS		Ø mm mm/z ± 25%						
		50	63	80	100	125	160	200
↕ 0,1D	A	0,040	0,050	0,060	0,070	0,080	0,090	0,100
	B	0,060	0,070	0,080	0,090	0,100	0,105	0,115
	C	0,070	0,080	0,090	0,100	0,105	0,110	0,120
	D	0,080	0,090	0,095	0,110	0,115	0,115	0,125
	E	0,090	0,100	0,105	0,110	0,115	0,125	0,135



HSS	fz	Ø mm mm/z ± 25%					
		40	50	63	80	100	125
↕ 0,1D ↔ 0,75D	A	0,022	0,026	0,028	0,026	0,024	
	B	0,030	0,035	0,038	0,035	0,033	
	C	0,040	0,045	0,048	0,045	0,042	
	D	0,055	0,060	0,067	0,060	0,063	
	E	0,090	0,110	0,150	0,145	0,115	
	F	0,080	0,095	0,100	0,095	0,085	
	G	0,160	0,180	0,200	0,240	0,190	
	H	0,200	0,220	0,300	0,280	0,310	
↕ 0,25D ↔ 0,75D	A	0,042	0,049	0,040	0,047	0,040	0,037
	B	0,050	0,059	0,047	0,055	0,048	0,044
	C	0,062	0,071	0,058	0,066	0,058	0,054
	D	0,082	0,095	0,078	0,090	0,078	0,073
	E	0,118	0,140	0,110	0,130	0,110	0,103
	F	0,145	0,171	0,136	0,160	0,136	0,127
	G	0,185	0,160	0,170	0,200	0,170	0,160
	H	0,270	0,320	0,250	0,290	0,250	0,230

C110

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C110

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

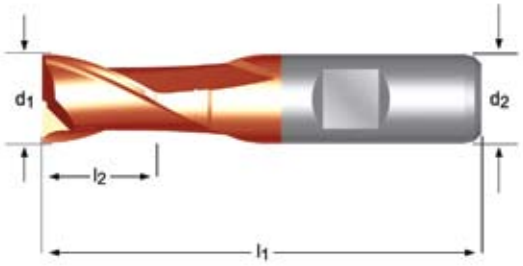
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
1.00	6	2.5	47	2	**C1101.0**
1.50	6	3	47	2	**C1101.5**
1.80	6	3	47	2	**C1101.8**
2.00	6	4	48	2	**C1102.0**
2.50	6	5	49	2	**C1102.5**
2.80	6	5	49	2	**C1102.8**
3.00	6	5	49	2	**C1103.0**
3.50	6	6	50	2	**C1103.5**
3.80	6	7	51	2	**C1103.8**
4.00	6	7	51	2	**C1104.0**
4.50	6	7	51	2	**C1104.5**
4.80	6	8	52	2	**C1104.8**
5.00	6	8	52	2	**C1105.0**
5.50	6	8	52	2	**C1105.5**
5.75	6	8	52	2	**C1105.75**
6.00	6	8	52	2	**C1106.0**
6.50	10	10	60	2	**C1106.5**
6.75	10	10	60	2	**C1106.75**
7.00	10	10	60	2	**C1107.0**
7.50	10	10	60	2	**C1107.5**
7.75	10	11	61	2	**C1107.75**
8.00	10	11	61	2	**C1108.0**
8.50	10	11	61	2	**C1108.5**
9.00	10	11	61	2	**C1109.0**
9.50	10	11	61	2	**C1109.5**
9.70	10	13	63	2	**C1109.7**
10.00	10	13	63	2	**C11010.0**
10.50	12	13	70	2	**C11010.5**
11.00	12	13	70	2	**C11011.0**
11.50	12	13	70	2	**C11011.5**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
11.70	12	13	70	2	**C11011.7**
12.00	12	16	73	2	**C11012.0**
12.50	12	16	73	2	**C11012.5**
12.70	12	16	73	2	**C11012.7**
13.00	12	16	73	2	**C11013.0**
13.70	12	16	73	2	**C11013.7**
14.00	12	16	73	2	**C11014.0**
15.00	12	16	73	2	**C11015.0**
15.70	16	19	79	2	**C11015.7**
16.00	16	19	79	2	**C11016.0**
17.00	16	19	79	2	**C11017.0**
17.70	16	19	79	2	**C11017.7**
18.00	16	19	79	2	**C11018.0**
19.00	16	19	79	2	**C11019.0**
19.70	20	22	88	2	**C11019.7**
20.00	20	22	88	2	**C11020.0**
21.70	20	22	88	2	**C11021.7**
22.00	20	22	88	2	**C11022.0**
24.00	25	26	102	2	**C11024.0**
24.70	25	26	102	2	**C11024.7**
25.00	25	26	102	2	**C11025.0**
26.00	25	26	102	2	**C11026.0**
28.00	25	26	102	2	**C11028.0**
30.00	25	26	102	2	**C11030.0**
32.00	32	32	112	2	**C11032.0**
36.00	32	32	112	2	**C11036.0** [1)]
40.00	40	38	130	2	**C11040.0** [1)]
45.00	40	38	130	2	**C11045.0** [1)]
50.00	50	45	147	2	**C11050.0** [1)]

[1)] HSCo

C126

- Drážkovací frézy
- Freze deget
- Hosszlyukmaró
- Шпоночные фрезы
- Frezy palcowe do rowków na wpusty
- rezkar dvorezni



C126

N | HSCo XP | Super R | DIN 327 D | P9 | DIN 1835 B | e8 | λ 30°

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

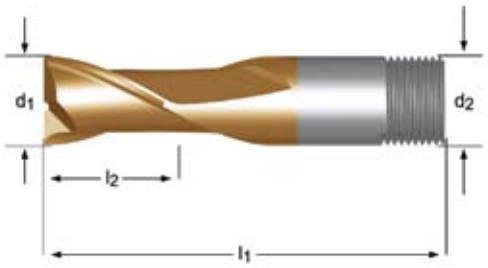
● 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
1.00	6	2.5	47	2	**C1261.0**
1.50	6	3	47	2	**C1261.5**
2.00	6	4	48	2	**C1262.0**
2.50	6	5	49	2	**C1262.5**
3.00	6	5	49	2	**C1263.0**
3.50	6	6	50	2	**C1263.5**
4.00	6	7	51	2	**C1264.0**
4.50	6	7	51	2	**C1264.5**
4.80	6	8	52	2	**C1264.8**
5.00	6	8	52	2	**C1265.0**
5.50	6	8	52	2	**C1265.5**
5.75	6	8	52	2	**C1265.75**
6.00	6	8	52	2	**C1266.0**
6.50	10	10	60	2	**C1266.5**
7.00	10	10	60	2	**C1267.0**
7.50	10	10	60	2	**C1267.5**
7.75	10	11	61	2	**C1267.75**
8.00	10	11	61	2	**C1268.0**
8.50	10	11	61	2	**C1268.5**
9.00	10	11	61	2	**C1269.0**
9.50	10	11	61	2	**C1269.5**
9.70	10	13	63	2	**C1269.7**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	13	63	2	**C12610.0**
10.50	12	13	70	2	**C12610.5**
11.00	12	13	70	2	**C12611.0**
11.50	12	13	70	2	**C12611.5**
11.70	12	13	70	2	**C12611.7**
12.00	12	16	73	2	**C12612.0**
12.50	12	16	73	2	**C12612.5**
13.00	12	16	73	2	**C12613.0**
13.70	12	16	73	2	**C12613.7**
14.00	12	16	73	2	**C12614.0**
15.00	12	16	73	2	**C12615.0**
15.70	16	19	79	2	**C12615.7**
16.00	16	19	79	2	**C12616.0**
18.00	16	19	79	2	**C12618.0**
20.00	20	22	88	2	**C12620.0**
22.00	20	22	88	2	**C12622.0**
24.00	25	26	102	2	**C12624.0**
25.00	25	26	102	2	**C12625.0**
30.00	25	26	102	2	**C12630.0**

C191

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C191

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code	
	1.50	6.00	2.5	48.5	2	**C1911.5**	
1/16	1.59	6.35 - 1/4	2.5	48.5	2	**C1911/16**	1)
5/64	1.98	6.35 - 1/4	2.5	49.0	2	**C1915/64**	1)
	2.00	6.00	3.0	49.0	2	**C1912.0**	
3/32	2.38	6.35 - 1/4	4.5	51.0	2	**C1913/32**	1)
	2.50	6.00	4.5	51.0	2	**C1912.5**	
7/64	2.78	6.35 - 1/4	6.5	51.0	2	**C1917/64**	1)
	3.00	6.00	7.0	51.0	2	**C1913.0**	
1/8	3.18	6.35 - 1/4	7.0	51.0	2	**C1911/8**	1)
	3.50	6.00	7.5	52.5	2	**C1913.5**	
9/64	3.57	6.35 - 1/4	9.5	52.5	2	**C1919/64**	1)
5/32	3.97	6.35 - 1/4	9.5	52.5	2	**C1915/32**	1)
	4.00	6.00	9.5	52.5	2	**C1914.0**	
11/64	4.37	6.35 - 1/4	9.5	52.5	2	**C19111/64**	1)
	4.50	6.00	9.5	52.5	2	**C1914.5**	
3/16	4.76	6.35 - 1/4	9.5	52.5	2	**C1913/16**	1)
	5.00	6.00	9.5	52.5	2	**C1915.0**	
13/64	5.16	6.35 - 1/4	11.0	55.5	2	**C19113/64**	1)
	5.50	6.00	11.0	55.5	2	**C1915.5**	
7/32	5.56	6.35 - 1/4	11.0	55.5	2	**C1917/32**	1)
15/64	5.95	6.35 - 1/4	11.0	56.5	2	**C19115/64**	1)
	6.00	6.00	11.0	56.5	2	**C1916.0**	
1/4	6.35	6.35 - 1/4	11.0	56.5	2	**C1911/4**	1)
	6.50	10.00	11.0	58.5	2	**C1916.5**	
17/64	6.75	9.53 - 3/8	11.0	59.5	2	**C19117/64**	1)
	7.00	10.00	11.0	58.5	2	**C1917.0**	
9/32	7.14	9.53 - 3/8	11.0	58.5	2	**C1919/32**	1)
	7.50	10.00	11.0	58.5	2	**C1917.5**	
19/64	7.54	9.53 - 3/8	12.5	58.5	2	**C19119/64**	1)
5/16	7.94	9.53 - 3/8	12.5	59.5	2	**C1915/16**	1)
	8.00	10.00	12.5	59.5	2	**C1918.0**	
21/64	8.33	9.53 - 3/8	14.5	59.5	2	**C19121/64**	1)
	8.50	10.00	14.5	60.5	2	**C1918.5**	
11/32	8.73	9.53 - 3/8	14.5	60.5	2	**C19111/32**	1)
	9.00	10.00	14.5	60.5	2	**C1919.0**	
23/64	9.13	9.53 - 3/8	14.5	60.5	2	**C19123/64**	1)
	9.50	10.00	14.5	60.5	2	**C1919.5**	
3/8	9.53	9.53 - 3/8	14.5	60.5	2	**C1913/8**	1)
25/64	9.92	9.53 - 3/8	16.0	60.5	2	**C19125/64**	1)
	10.00	10.00	14.5	60.5	2	**C19110.0**	
13/32	10.32	9.53 - 3/8	16.0	60.5	2	**C19113/32**	1)
	10.50	12.00	17.5	65.0	2	**C19110.5**	

1) tolerance průměru - .0005" -.0013" / az átmérő tűrése -.0005 inches -.0013 inches / Tolerancja srednicy -.0005 cala -.0013 cala / toleranta diametrului -.0005 inches -.0013 inches / допуск на диаметр -0.0005 дюйма -0.0013 дюйма / toleranca premera -.0005 col -.0013 col

C191

DORMER

d_1 Ø	d_1 Ø	d_2 Ø	l_2	l_1			
Inch	mm	mm	mm	mm	z	e-Code	
27/64	10.72	12.70 - 1/2	17.5	65.0	2	**C19127/64**	1)
	11.00	12.00	17.5	65.0	2	**C19111.0**	
7/16	11.11	12.70 - 1/2	17.5	65.0	2	**C1917/16**	1)
	11.50	12.00	17.5	65.0	2	**C19111.5**	
29/64	11.51	12.70 - 1/2	17.5	65.0	2	**C19129/64**	1)
	12.00	12.00	19.0	66.5	2	**C19112.0**	
31/64	12.30	12.70 - 1/2	19.0	66.5	2	**C19131/64**	1)
1/2	12.70	12.70 - 1/2	19.0	66.5	2	**C1911/2**	1)
	13.00	12.00	19.0	66.5	2	**C19113.0**	
17/32	13.49	12.70 - 1/2	22.0	68.5	2	**C19117/32**	2)
	14.00	12.00	22.0	68.5	2	**C19114.0**	
9/16	14.29	12.70 - 1/2	21.5	69.0	2	**C1919/16**	2)
	15.00	16.00	22.0	72.0	2	**C19115.0**	
19/32	15.08	15.88 - 5/8	22.0	72.0	2	**C19119/32**	2)
5/8	15.88	15.88 - 5/8	22.0	72.0	2	**C1915/8**	2)
	16.00	16.00	22.0	72.0	2	**C19116.0**	
21/32	16.67	15.88 - 5/8	24.0	73.0	2	**C19121/32**	2)
	17.00	16.00	24.0	74.0	2	**C19117.0**	
11/16	17.46	15.88 - 5/8	24.0	74.0	2	**C19111/16**	2)
	18.00	16.00	24.0	74.0	2	**C19118.0**	
23/32	18.26	15.88 - 5/8	25.5	75.5	2	**C19123/32**	2)
	19.00	16.00	25.5	77.0	2	**C19119.0**	
3/4	19.05	15.88 - 5/8	25.5	77.0	2	**C1913/4**	2)
	20.00	16.00	25.5	77.0	2	**C19120.0**	
13/16	20.64	25.40 - 1	25.4	98.5	2	**C19113/16**	2)
	21.00	25.00	25.5	98.5	2	**C19121.0**	
	22.00	25.00	25.5	100.0	2	**C19122.0**	
7/8	22.23	25.40 - 1	25.5	100.0	2	**C1917/8**	2)
	23.00	25.00	25.5	101.5	2	**C19123.0**	
15/16	23.81	25.40 - 1	25.5	103.0	2	**C19115/16**	2)
	24.00	25.00	25.5	103.0	2	**C19124.0**	
	25.00	25.00	27.0	95.0	2	**C19125.0**	
1	25.40	25.40 - 1	27.0	95.0	2	**C1911**	2)
	26.00	25.00	27.0	95.0	2	**C19126.0**	
1.1/16	26.99	25.40 - 1	28.5	93.5	2	**C1911.1/16**	2)
	27.00	25.00	28.5	93.5	2	**C19127.0**	
	28.00	25.00	30.0	95.0	2	**C19128.0**	
1.1/8	28.58	25.40 - 1	30.0	95.0	2	**C1911.1/8**	2)
	29.00	25.00	30.0	93.5	2	**C19129.0**	
	30.00	25.00	30.0	93.5	2	**C19130.0**	
1.1/4	31.75	25.40 - 1	38.0	101.5	2	**C1911.1/4X1**	2)
1.1/4	31.75	31.75 - 1.1/4	35.0	117.5	2	**C1911.1/4X1.1/4**	2)
	32.00	25.00	38.0	101.5	2	**C19132.0X25.0**	
	34.00	25.00	38.0	101.5	2	**C19134.0X25.0**	
1.3/8	34.93	25.40 - 1	39.5	103.0	2	**C1911.3/8X1**	2)
	35.00	25.00	39.5	103.0	2	**C19135.0X25.0**	
	36.00	25.00	39.5	103.0	2	**C19136.0X25.0**	
	38.00	25.00	43.0	106.5	2	**C19138.0X25.0**	
1.1/2	38.10	25.40 - 1	43.0	106.5	2	**C1911.1/2X1**	2)
1.1/2	38.10	31.75 - 1.1/4	43.0	114.5	2	**C1911.1/2X1.1/4**	2)
	40.00	25.00	46.0	111.0	2	**C19140.0X25.0**	
1.5/8	41.28	25.40 - 1	47.5	112.5	2	**C1911.5/8X1**	2)
1.3/4	44.45	25.40 - 1	51.0	116.0	2	**C1911.3/4X1**	2)
	45.00	25.00	51.0	116.0	2	**C19145.0X25.0**	
	50.00	32.00	51.0	117.5	2	**C19150.0X32.0**	
2“	50.80	25.40 - 1	57.0	122.0	2	**C1912X1**	2)

[1] tolerance průměru - .0005” -.0013” / az átmérő tűrése -.0005 inches -.0013 inches / Tolerancja srednicy -.0005 cala -.0013 cala / toleranta diametrului -.0005 inches -.0013 inches / допуск на диаметр -0.0005 дюйма -0.0013 дюйма / toleranca premera -.0005 col -.0013 col

[2] tolerance průměru - .0005” -.0015” / az átmérő tűrése -.0005 inches -.0015 inches / tolerancja srednicy-.0005 cala -.0015 cala / toleranta diametrului -.0005 inches -.0015 inches / допуск на диаметр -0.0005 дюйма -0.0015 дюйма / toleranca premera -.0005 col -.0015 col

C165

- Drážkovací frézy
- Freze deget
- Hosszlyukmaró kúpos szárral
- Шпоночные фрезы
- Frezy palcowe do rowków na wpusty
- rezkar dvorezni

C165

■ 1.1 1.2 5.1 6.1 6.2 6.3

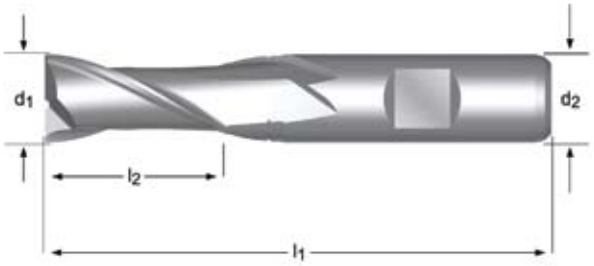
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
14.00	16	101	2	2	**C16514.0**
16.00	19	104	2	2	**C16516.0**
18.00	19	104	2	2	**C16518.0**
20.00	22	107	2	2	**C16520.0**
22.00	22	107	2	2	**C16522.0**
25.00	26	128	3	2	**C16525.0**

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
28.00	26	128	3	2	**C16528.0**
30.00	26	128	3	2	**C16530.0**
32.00	32	157	4	2	**C16532.0**
36.00	32	157	4	2	**C16536.0**
40.00	38	163	4	2	**C16540.0**

C123

- Drážkovací frézy
- Freze deget
- Hosszlyukmaró
- Шпоночные фрезы
- Frezy palcowe do rowków na wpusty
- rezkar dvorezni



C123

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

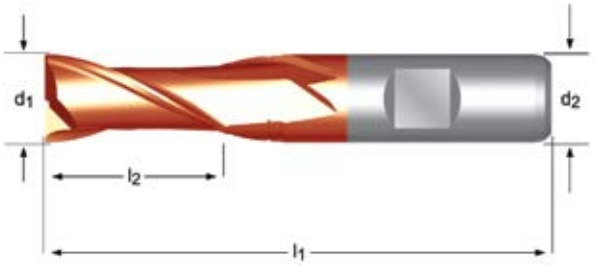
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	2	**C1232.0**
2.50	6	8	52	2	**C1232.5**
3.00	6	8	52	2	**C1233.0**
3.50	6	10	54	2	**C1233.5**
4.00	6	11	55	2	**C1234.0**
4.50	6	11	55	2	**C1234.5**
5.00	6	13	57	2	**C1235.0**
5.50	6	13	57	2	**C1235.5**
6.00	6	13	57	2	**C1236.0**
6.50	10	16	66	2	**C1236.5**
7.00	10	16	66	2	**C1237.0**
7.50	10	16	66	2	**C1237.5**
8.00	10	19	69	2	**C1238.0**
8.50	10	19	69	2	**C1238.5**
9.00	10	19	69	2	**C1239.0**
9.50	10	19	69	2	**C1239.5**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	2	**C12310.0**
11.00	12	22	79	2	**C12311.0**
12.00	12	26	83	2	**C12312.0**
13.00	12	26	83	2	**C12313.0**
14.00	12	26	83	2	**C12314.0**
15.00	12	26	83	2	**C12315.0**
16.00	16	32	92	2	**C12316.0**
18.00	16	32	92	2	**C12318.0**
20.00	20	38	104	2	**C12320.0**
22.00	20	38	104	2	**C12322.0**
25.00	25	45	121	2	**C12325.0**
30.00	25	45	121	2	**C12330.0**
32.00	32	53	133	2	**C12332.0**
36.00	32	53	133	2	**C12336.0**
40.00	40	63	155	2	**C12340.0**

C139

- Drážkovací frézy
- Freze deget
- Hosszlyukmaró
- Шпоночные фрезы
- Frezy palcowe do rowków na wpusty
- rezkar dvorezni



C139

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

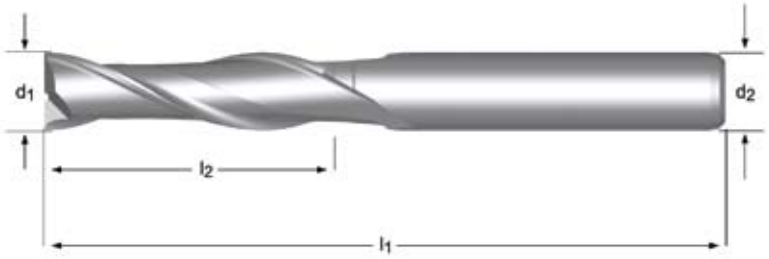
● 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	2	**C1392.0**
2.50	6	8	52	2	**C1392.5**
3.00	6	8	52	2	**C1393.0**
3.50	6	10	54	2	**C1393.5**
4.00	6	11	55	2	**C1394.0**
4.50	6	11	55	2	**C1394.5**
5.00	6	13	57	2	**C1395.0**
5.50	6	13	57	2	**C1395.5**
6.00	6	13	57	2	**C1396.0**
6.50	10	16	66	2	**C1396.5**
7.00	10	16	66	2	**C1397.0**
7.50	10	16	66	2	**C1397.5**
8.00	10	19	69	2	**C1398.0**
8.50	10	19	69	2	**C1398.5**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
9.00	10	19	69	2	**C1399.0**
9.50	10	19	69	2	**C1399.5**
10.00	10	22	72	2	**C13910.0**
11.00	12	22	79	2	**C13911.0**
12.00	12	26	83	2	**C13912.0**
13.00	12	26	83	2	**C13913.0**
14.00	12	26	83	2	**C13914.0**
15.00	12	26	83	2	**C13915.0**
16.00	16	32	92	2	**C13916.0**
18.00	16	32	92	2	**C13918.0**
20.00	20	38	104	2	**C13920.0**
22.00	20	38	104	2	**C13922.0**
25.00	25	45	121	2	**C13925.0**
30.00	25	45	121	2	**C13930.0**

C122

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C122

■ 1.1 1.2 5.1 6.1 6.2 6.3

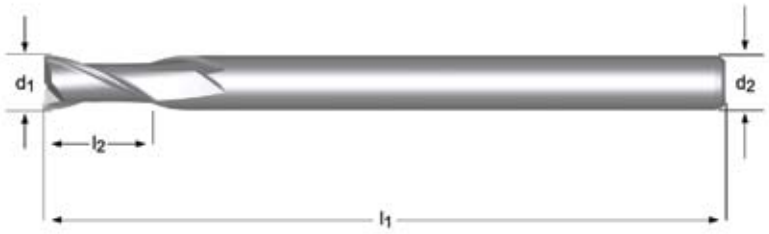
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
5.00	5	22	65	2	**C1225.0**
6.00	6	27	75	2	**C1226.0**
7.00	8	33	85	2	**C1227.0**
8.00	8	33	85	2	**C1228.0**
10.00	10	40	95	2	**C12210.0**
12.00	12	45	110	2	**C12212.0**
14.00	12	52	125	2	**C12214.0**
16.00	16	58	140	2	**C12216.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	65	150	2	**C12218.0**
20.00	20	70	160	2	**C12220.0**
22.00	20	75	170	2	**C12222.0**
25.00	25	82	185	2	**C12225.0**
30.00	25	90	205	2	**C12230.0**

C167

- Kopírovací frézy
- Freze de copiere
- Gravírmaró
- Сферические концевые фрезы, сверхдлинное исполнение для копировальных работ
- Frezy do kopiowania
- rezkar kopirni



C167

■ 1.1 1.2 5.1 6.1 6.2 6.3

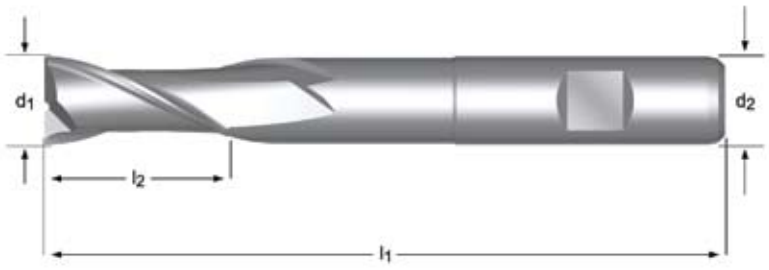
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	180	2	**C1676.0**
8.00	8	19	180	2	**C1678.0**
10.00	10	22	200	2	**C16710.0**
12.00	12	26	200	2	**C16712.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
16.00	16	32	200	2	**C16716.0**

C135

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C135

■ 1.1 1.2 5.1 6.1 6.2 6.3

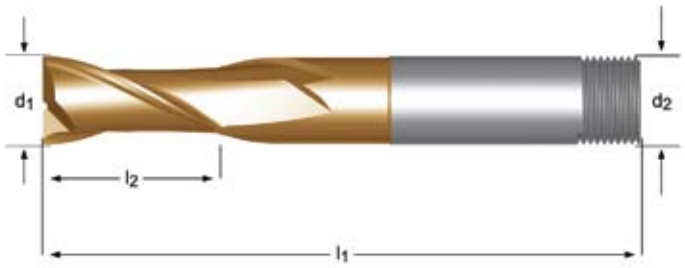
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	10	54	2	**C1352.0**
3.00	6	12	56	2	**C1353.0**
4.00	6	19	63	2	**C1354.0**
5.00	6	24	68	2	**C1355.0**
6.00	6	24	68	2	**C1356.0**
7.00	10	30	80	2	**C1357.0**
8.00	10	38	88	2	**C1358.0**
9.00	10	38	88	2	**C1359.0**
10.00	10	45	95	2	**C13510.0**
11.00	12	45	102	2	**C13511.0**
12.00	12	53	110	2	**C13512.0**
13.00	12	53	110	2	**C13513.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
14.00	12	53	110	2	**C13514.0**
15.00	12	53	110	2	**C13515.0**
16.00	16	63	123	2	**C13516.0**
17.00	16	63	123	2	**C13517.0**
18.00	16	63	123	2	**C13518.0**
19.00	16	63	123	2	**C13519.0**
20.00	20	75	141	2	**C13520.0**
25.00	25	90	166	2	**C13525.0**
30.00	25	90	166	2	**C13530.0**

C192

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C192

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code	
1/16	1.59	6.35 - 1/4	4.5	51.0	2	C1921/16	1)
	2.00	6.0	4.0	51.0	2	C1922.0	
	3.00	6.0	11.0	60.5	2	C1923.0	
1/8	3.18	6.35 - 1/4	11.0	63.5	2	C1921/8	1)
5/32	3.97	6.35 - 1/4	12.5	70.0	2	C1925/32	1)
	4.00	6.0	12.5	66.5	2	C1924.0	
3/16	4.76	6.35 - 1/4	12.5	70.0	2	C1923/16	1)
	5.00	6.0	12.5	70.0	2	C1925.0	
	6.00	6.0	16.0	76.0	2	C1926.0	
1/4	6.35	6.35 - 1/4	16.0	76.0	2	C1921/4	1)
	6.50	10.0	16.0	76.0	2	C1926.5	
	7.00	10.0	16.0	76.0	2	C1927.0	
9/32	7.14	9.53 - 3/8	16.0	76.0	2	C1929/32	1)
	7.50	10.0	16.0	76.0	2	C1927.5	
5/16	7.94	9.53 - 3/8	19.0	79.5	2	C1925/16	1)
	8.00	10.0	19.0	79.5	2	C1928.0	
	8.50	10.0	22.0	82.5	2	C1928.5	
11/32	8.73	9.53 - 3/8	22.0	82.5	2	C19211/32	1)
	9.00	10.0	22.0	82.5	2	C1929.0	
3/8	9.53	9.53 - 3/8	22.0	82.5	2	C1923/8	1)
	10.00	10.0	22.0	82.5	2	C19210.0	
13/32	10.32	9.53 - 3/8	22.2	89.0	2	C19213/32	1)
	11.00	12.0	22.0	89.0	2	C19211.0	
7/16	11.11	12.7 - 1/2	22.0	89.0	2	C1927/16	1)

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code	
	12.00	12.0	25.5	95.0	2	C19212.0	
1/2	12.70	12.7 - 1/2	25.5	95.0	2	C1921/2	1)
	13.00	12.0	25.5	95.0	2	C19213.0	
	14.00	12.0	28.5	101.5	2	C19214.0	
9/16	14.29	12.7 - 1/2	28.5	101.5	2	C1929/16	2)
	15.00	16.0	31.5	108.0	2	C19215.0	
5/8	15.88	15.88 - 5/8	31.5	108.0	2	C1925/8	2)
	16.00	16.0	31.5	108.0	2	C19216.0	
	17.00	16.0	35.0	114.5	2	C19217.0	
	18.00	16.0	35.0	114.5	2	C19218.0	
	19.00	16.0	38.0	120.5	2	C19219.0	
3/4	19.05	15.88 - 5/8	38.0	120.7	2	C1923/4	2)
	20.00	16.0	38.0	120.5	2	C19220.0	
	22.00	25.0	41.5	140.0	2	C19222.0	
7/8	22.23	25.4 - 1	41.5	139.7	2	C1927/8	2)
	24.00	25.0	41.5	152.5	2	C19224.0	
	25.00	25.0	44.5	159.0	2	C19225.0	
1“	25.40	25.4 - 1	44.5	159.0	2	C1921	2)
	26.00	25.0	44.5	159.0	2	C19226.0	
	28.00	25.0	47.5	159.0	2	C19228.0	
	30.00	25.0	51.0	159.0	2	C19230.0	
1.1/8	28.58	25.4 - 1	47.5	159.0	2	C1921.1/8	2)
1.1/4	31.75	25.4 - 1	51.0	159.0	2	C1921.1/4X1	2)
1.1/2	38.10	25.4 - 1	57.0	159.0	2	C1921.1/2X1	2)

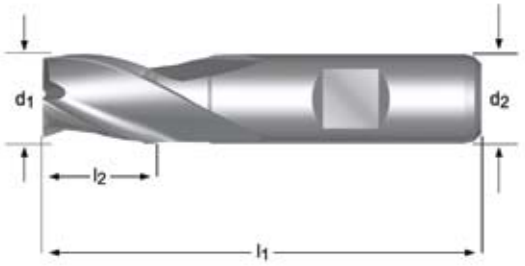
[1] tolerance průměru - .0005” -.0013” / az átmérő tűrése -.0005 inches -.0013 inches / Tolerancja srednicy -.0005 cala -.0013 cala / toleranta diametrului -.0005 inches -.0013 inches / допуск на диаметр -0.0005 дюйма -0.0013 дюйма / toleranca premera -.0005 col -.0013 col

[2] tolerance průměru - .0005” -.0015” / az átmérő tűrése -.0005 inches -.0015 inches / tolerancja srednicy-.0005 cala -.0015 cala / toleranta diametrului -.0005 inches -.0015 inches / допуск на диаметр -0.0005 дюйма -0.0015 дюйма / toleranca premera -.0005 col -.0015 col

C306

DORMER

- Drážkovací frézy - Primax
- Hosszlyukmaró - Primax
- Frezy palcowe do rowków na wpusty - Primax
- Freze deget - Primax
- Шпоночные фрезы - Primax
- rezkar dvorezni - Primax



primax

C306

N | HSCo XP | DIN 327 D | P9 | DIN 1835 B | e8 h10 | λ 30°

■ 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

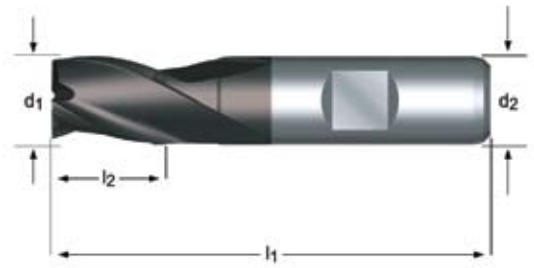
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.80	6	5	49	3	**C3062.8**
3.00	6	5	49	3	**C3063.0**
3.50	6	6	50	3	**C3063.5**
3.80	6	7	51	3	**C3063.8**
4.00	6	7	51	3	**C3064.0**
4.50	6	7	51	3	**C3064.5**
4.80	6	8	52	3	**C3064.8**
5.00	6	8	52	3	**C3065.0**
5.50	6	8	52	3	**C3065.5**
5.75	6	8	52	3	**C3065.75**
6.00	6	8	52	3	**C3066.0**
6.50	10	10	60	3	**C3066.5**
7.00	10	10	60	3	**C3067.0**
7.50	10	10	60	3	**C3067.5**
7.75	10	11	61	3	**C3067.75**
8.00	10	11	61	3	**C3068.0**
8.50	10	11	61	3	**C3068.5**
9.00	10	11	61	3	**C3069.0**
9.50	10	11	61	3	**C3069.5**
9.70	10	13	63	3	**C3069.7**
10.00	10	13	63	3	**C30610.0**
11.00	12	13	70	3	**C30611.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
11.70	12	13	70	3	**C30611.7**
12.00	12	16	73	3	**C30612.0**
13.00	12	16	73	3	**C30613.0**
13.70	12	16	73	3	**C30613.7**
14.00	12	16	73	3	**C30614.0**
15.00	12	16	73	3	**C30615.0**
15.70	16	19	79	3	**C30615.7**
16.00	16	19	79	3	**C30616.0**
17.00	16	19	79	3	**C30617.0**
18.00	16	19	79	3	**C30618.0**
19.00	16	19	79	3	**C30619.0**
19.70	20	22	88	3	**C30619.7**
20.00	20	22	88	3	**C30620.0**
22.00	20	22	88	3	**C30622.0**
25.00	25	26	102	3	**C30625.0**
28.00	25	26	102	3	**C30628.0**
30.00	25	26	102	3	**C30630.0**
32.00	32	32	112	3	**C30632.0**
36.00	32	32	112	3	**C30636.0** [3)]
40.00	40	38	130	3	**C30640.0** [3)]

[3)] K dispozici pouze HSCo / Csak HSCo kivitelben / Dostepne tylko jako HSCo / Disponibil numai in HSCo / Заказ только исполнении из быстрорежущей стали / Dobavljiv samoHSCo

C353

- Drážkovací frézy - Primax
- Hosszlyukmaró - Primax
- Frezy palcowe do rowków na wpusty - Primax
- Freze deget - Primax
- Шпоночные фрезы - Primax
- rezkar dvorezni - Primax



C353

N | HSCo XP | Super G | DIN 327 D | P9 | DIN 1835 B | e8 h10 | λ 30°

■ 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

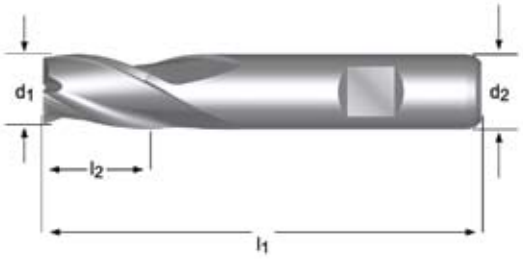
● 1.1 1.6 2.1 2.2 2.3 4.3 5.3 6.4 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
3.00	6	5	49	3	**C3533.0**
3.50	6	6	50	3	**C3533.5**
4.00	6	7	51	3	**C3534.0**
4.50	6	7	51	3	**C3534.5**
4.80	6	8	52	3	**C3534.8**
5.00	6	8	52	3	**C3535.0**
5.50	6	8	52	3	**C3535.5**
5.75	6	8	52	3	**C3535.75**
6.00	6	8	52	3	**C3536.0**
6.50	10	10	60	3	**C3536.5**
7.00	10	10	60	3	**C3537.0**
7.50	10	10	60	3	**C3537.5**
7.75	10	11	61	3	**C3537.75**
8.00	10	11	61	3	**C3538.0**
8.50	10	11	61	3	**C3538.5**
9.00	10	11	61	3	**C3539.0**
9.50	10	11	61	3	**C3539.5**
9.70	10	13	63	3	**C3539.7**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	13	63	3	**C35310.0**
11.00	12	13	70	3	**C35311.0**
11.70	12	13	70	3	**C35311.7**
12.00	12	16	73	3	**C35312.0**
13.00	12	16	73	3	**C35313.0**
13.70	12	16	73	3	**C35313.7**
14.00	12	16	73	3	**C35314.0**
15.00	12	16	73	3	**C35315.0**
15.70	16	19	79	3	**C35315.7**
16.00	16	19	79	3	**C35316.0**
18.00	16	19	79	3	**C35318.0**
19.70	20	22	88	3	**C35319.7**
20.00	20	22	88	3	**C35320.0**
22.00	20	22	88	3	**C35322.0**
25.00	25	26	102	3	**C35325.0**
28.00	25	26	102	3	**C35328.0**
30.00	25	26	102	3	**C35330.0**

C380

- Mini frézy
- Mini freze
- Mini Maró
- Минифрезы
- Frezy mini
- rezkar mini



C380

■ **1.2**

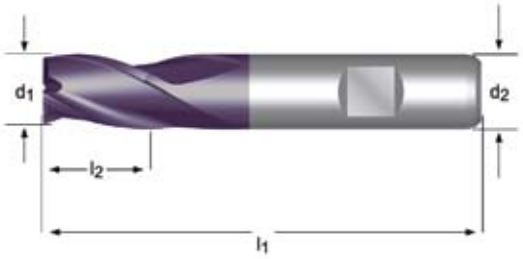
● **1.1** **1.3** **1.4** **4.1** **4.2** **5.1** **5.2** **6.1** **6.2** **6.3** **7.2** **7.3**

d_1 Ø	d_1 Ø	d_2 Ø	l_2	l_1		
Inch	mm	mm	mm	mm	z	e-Code
	1.00	6	2.0	40	3	**C3801.0**
	1.50	6	2.5	40	3	**C3801.5**
1/16	1.59	6.35	2.5	24.5	3	**C3801/16**
	2.00	6	3.0	40	3	**C3802.0**
3/32	2.38	6.35	4	26	3	**C3803/32**
	2.50	6	4.0	40	3	**C3802.5**
	2.80	6	4.5	40	3	**C3802.8**
	3.00	6	4.5	40	3	**C3803.0**
1/8	3.18	6.35	4.5	28	3	**C3801/8**
	3.50	6	5.5	40	3	**C3803.5**
	3.80	6	6.0	40	3	**C3803.8**
5/32	3.97	6.35	6.5	32.5	3	**C3805/32**
	4.00	6	6.0	40	3	**C3804.0**
	4.50	6	7.0	40	3	**C3804.5**
3/16	4.76	6.35	7	34	3	**C3803/16**
	4.80	6	7.5	40	3	**C3804.8**

d_1 Ø	d_1 Ø	d_2 Ø	l_2	l_1		
Inch	mm	mm	mm	mm	z	e-Code
	5.00	6	7.5	40	3	**C3805.0**
	5.50	6	8.0	40	3	**C3805.5**
7/32	5.56	6.35	8	36	3	**C3807/32**
	5.80	6	9.0	40	3	**C3805.8**
	6.00	6	9.0	40	3	**C3806.0**
1/4	6.35	6.35	9.5	36	3	**C3801/4**
	6.50	10	10.0	60	3	**C3806.5**
	7.00	10	10.0	60	3	**C3807.0**
	7.50	10	10.0	60	3	**C3807.5**
	8.00	10	12.0	60	3	**C3808.0**
	9.00	10	12.0	70	3	**C3809.0**
	10.00	10	14.0	70	3	**C38010.0**
	12.00	12	17.0	70	3	**C38012.0**

C381

- Mini frézy
- Mini freze
- Mini Maró
- Минифрезы
- Frezy mini
- rezkar mini



C381

■ 1.2 1.3 1.4

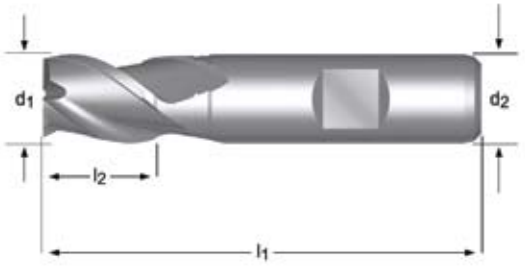
● 1.1 1.5 2.1 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	1.00	6	2.0	40	3	**C3811.0**
	1.50	6	2.5	40	3	**C3811.5**
	2.00	6	3.0	40	3	**C3812.0**
3/32	2.38	6.35	4	26	3	**C3813/32**
	2.50	6	4.0	40	3	**C3812.5**
	2.80	6	4.5	40	3	**C3812.8**
	3.00	6	4.5	40	3	**C3813.0**
1/8	3.18	6.35	4.5	28	3	**C3811/8**
	3.50	6	5.5	40	3	**C3813.5**
	3.80	6	6.0	40	3	**C3813.8**
	4.00	6	6.0	40	3	**C3814.0**
	4.50	6	7.0	40	3	**C3814.5**
3/16	4.76	6.35	7	34	3	**C3813/16**
	4.80	6	7.5	40	3	**C3814.8**

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	5.00	6	7.5	40	3	**C3815.0**
	5.50	6	8.0	40	3	**C3815.5**
	5.80	6	9.0	40	3	**C3815.8**
	6.00	6	9.0	40	3	**C3816.0**
1/4	6.35	6.35	9.5	36	3	**C3811/4**
	6.50	10	10.0	60	3	**C3816.5**
	7.00	10	10.0	60	3	**C3817.0**
	7.50	10	10.0	60	3	**C3817.5**
	8.00	10	12.0	60	3	**C3818.0**
	9.00	10	12.0	70	3	**C3819.0**
	10.00	10	14.0	70	3	**C38110.0**
	12.00	12	17.0	70	3	**C38112.0**

C368

- Drážkovací frézy - Primax
- Freze deget - Primax
- Hosszlyukmaró - Primax
- Шпоночные фрезы - Primax
- Frezy palcowe do rowków na wpusty - Primax
- rezkar dvorezni - Primax



C368

N | HSCo XP | DIN 327 D | P9 | DIN 1835 B | e8 | λ 40°

■ 1.1 1.2 2.1 2.3 6.1 7.1

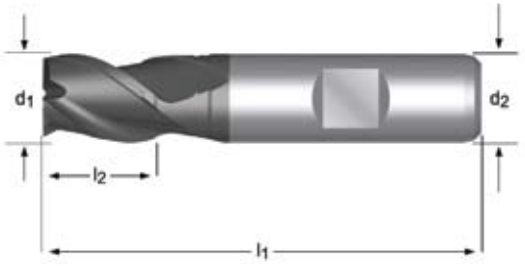
● 1.3 1.4 2.2 4.1 5.1 6.2 6.3 7.2 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	4	48	3	**C3682.0**
2.50	6	5	49	3	**C3682.5**
3.00	6	5	49	3	**C3683.0**
3.50	6	6	50	3	**C3683.5**
4.00	6	7	51	3	**C3684.0**
4.50	6	7	51	3	**C3684.5**
5.00	6	8	52	3	**C3685.0**
5.50	6	8	52	3	**C3685.5**
6.00	6	8	52	3	**C3686.0**
6.50	10	10	60	3	**C3686.5**
7.00	10	10	60	3	**C3687.0**
7.50	10	10	60	3	**C3687.5**
8.00	10	11	61	3	**C3688.0**
8.50	10	11	61	3	**C3688.5**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
9.00	10	11	61	3	**C3689.0**
9.50	10	11	61	3	**C3689.5**
10.00	10	13	63	3	**C36810.0**
11.00	12	13	70	3	**C36811.0**
12.00	12	16	73	3	**C36812.0**
13.00	12	16	73	3	**C36813.0**
14.00	12	16	73	3	**C36814.0**
15.00	12	16	73	3	**C36815.0**
16.00	16	19	79	3	**C36816.0**
18.00	16	19	79	3	**C36818.0**
20.00	20	22	88	3	**C36820.0**

C367

- Drážkovací frézy - Primax
- Freze deget - Primax
- Hosszlyukmaró - Primax
- Шпоночные фрезы - Primax
- Frezy palcowe do rowków na wpusty - Primax
- rezkar dvorezni - Primax



C367

N | HSCo XP | Super G | DIN 327 D | P9 | DIN 1835 B | e8 | λ 40°

■ 1.1 1.2 2.1 2.2 2.3 6.1 7.1

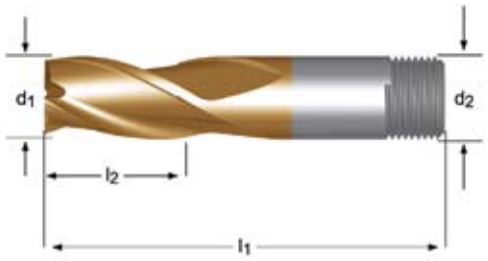
● 1.3 1.4 4.1 5.1 6.2 6.3 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	4	48	3	**C3672.0**
3.00	6	5	49	3	**C3673.0**
4.00	6	7	51	3	**C3674.0**
5.00	6	8	52	3	**C3675.0**
6.00	6	8	52	3	**C3676.0**
7.00	10	10	60	3	**C3677.0**
8.00	10	11	61	3	**C3678.0**
9.00	10	11	61	3	**C3679.0**
10.00	10	13	63	3	**C36710.0**
11.00	12	13	70	3	**C36711.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	16	73	3	**C36712.0**
13.00	12	16	73	3	**C36713.0**
14.00	12	16	73	3	**C36714.0**
15.00	12	16	73	3	**C36715.0**
16.00	16	19	79	3	**C36716.0**
18.00	16	19	79	3	**C36718.0**
20.00	20	22	88	3	**C36720.0**

C391

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C391

N | HSCo | Bronze | BS 122/4 | P9 | DIN 1835 D | e8 | λ 30°

■ 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code	
	6.00	6	16.0	60.5	3	**C3916.0**	
1/4	6.35	6.35 - 1/4	16.0	60.5	3	**C3911/4**	1)
	8.00	10	18.0	63.5	3	**C3918.0**	
3/8	9.53	9.53 - 3/8	21.0	66.5	3	**C3913/8**	1)
	10.00	10	21.0	66.5	3	**C39110.0**	
	12.00	12	24.0	70.0	3	**C39112.0**	
1/2	12.70	12.7 - 1/2	24.0	70.0	3	**C3911/2**	1)
	14.00	12	28.5	73.0	3	**C39114.0**	

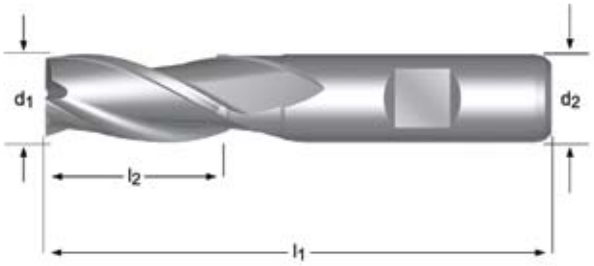
d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code	
5/8	15.88	15.88 - 5/8	27.0	77.0	3	**C3915/8**	2)
	16.00	16	26.5	77.0	3	**C39116.0**	
	18.00	16	33.0	80.0	3	**C39118.0**	
3/4	19.05	15.88 - 5/8	38.0	83.5	3	**C3913/4**	2)
	20.00	16	38.0	83.5	3	**C39120.0**	
7/8	22.23	25.4 - 1.	35.0	98.5	3	**C3917/8**	2)
	25.00	25	40.0	101.5	3	**C39125.0**	
1“	25.40	25.4 - 1.	40.0	101.5	3	**C3911**	2)

[1] tolerance průměru - .0005” -.0013” / az átmérő tűrése -.0005 inches -.0013 inches / Tolerancja srednicy -.0005 cala -.0013 cala / toleranta diametrului -.0005 inches -.0013 inches / допуск на диаметр -0.0005 дюйма -0.0013 дюйма / toleranca premera -.0005 col -.0013 col

[2] tolerance průměru - .0005” -.0015” / az átmérő tűrése -.0005 inches -.0015 inches / tolerancja srednicy-.0005 cala -.0015 cala / toleranta diametrului -.0005 inches -.0015 inches / допуск на диаметр -0.0005 дюйма -0.0015 дюйма / toleranca premera -.0005 col -.0015 col

C305 / C352

- Drážkovací frézy - Primax
- Hosszlyukmaró - Primax
- Frezy palcowe do rowków na wpusty - Primax
- Freze deget - Primax
- Шпоночные фрезы - Primax
- rezkar dvorezni - Primax



primax

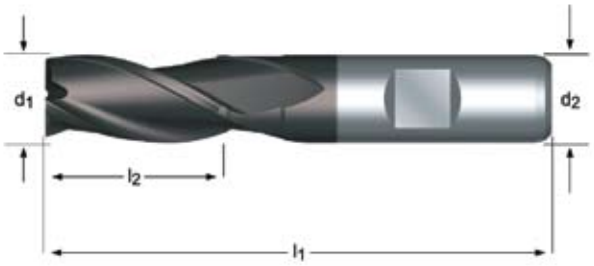
C305

■ 1.2 1.3 4.1 5.1 5.2 6.1 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.2 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	3	C3052.0
2.50	6	8	52	3	C3052.5
3.00	6	8	52	3	C3053.0
3.50	6	10	54	3	C3053.5
4.00	6	11	55	3	C3054.0
4.50	6	11	55	3	C3054.5
5.00	6	13	57	3	C3055.0
5.50	6	13	57	3	C3055.5
6.00	6	13	57	3	C3056.0
6.50	10	16	66	3	C3056.5
7.00	10	16	66	3	C3057.0
7.50	10	16	66	3	C3057.5
8.00	10	19	69	3	C3058.0
8.50	10	19	69	3	C3058.5
9.00	10	19	69	3	C3059.0
9.50	10	19	69	3	C3059.5

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	3	C30510.0
11.00	12	22	79	3	C30511.0
12.00	12	26	83	3	C30512.0
13.00	12	26	83	3	C30513.0
14.00	12	26	83	3	C30514.0
15.00	12	26	83	3	C30515.0
16.00	16	32	92	3	C30516.0
17.00	16	32	92	3	C30517.0
18.00	16	32	92	3	C30518.0
19.00	16	32	92	3	C30519.0
20.00	20	38	104	3	C30520.0
22.00	20	38	104	3	C30522.0
25.00	25	45	121	3	C30525.0
28.00	25	45	121	3	C30528.0
30.00	25	45	121	3	C30530.0
32.00	32	53	133	3	C30532.0



primax

C352

■ 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

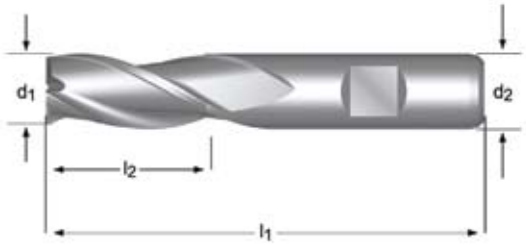
● 1.1 1.6 2.1 2.2 2.3 4.3 5.3 6.4 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
3.00	6	8	52	3	C3523.0
4.00	6	11	55	3	C3524.0
5.00	6	13	57	3	C3525.0
6.00	6	13	57	3	C3526.0
8.00	10	19	69	3	C3528.0
10.00	10	22	72	3	C35210.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
12.00	12	26	83	3	C35212.0
14.00	12	26	83	3	C35214.0
16.00	16	32	92	3	C35216.0
18.00	16	32	92	3	C35218.0
20.00	20	38	104	3	C35220.0

C382

- Mini frézy
- Mini freze
- Mini Maró
- Минифрезы
- Frezy mini
- rezkar mini



C382

■ **1.2**

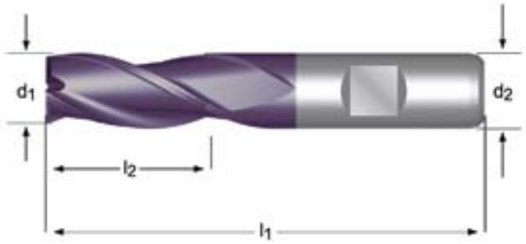
● **1.1** **1.3** **1.4** **4.1** **4.2** **5.1** **5.2** **6.1** **6.2** **6.3** **7.2** **7.3**

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	1.00	6	3.0	40	3	**C3821.0**
	1.50	6	4.0	40	3	**C3821.5**
1/16	1.59	6.35	4	28	3	**C3821/16**
5/64	1.98	6.35	5.5	30	3	**C3825/64**
	2.00	6	5.5	40	3	**C3822.0**
3/32	2.38	6.35	6.5	32	3	**C3823/32**
7/64	2.78	6.35	7	32.5	3	**C3827/64**
	3.00	6	7.5	47	3	**C3823.0**
1/8	3.18	6.35	8	34	3	**C3821/8**
9/64	3.57	6.35	8.5	36.5	3	**C3829/64**
5/32	3.97	6.35	9.5	39	3	**C3825/32**
	4.00	6	9.5	47	3	**C3824.0**
11/64	4.37	6.35	10.5	40.5	3	**C38211/64**
3/16	4.76	6.35	11	42	3	**C3823/16**

d_1 Ø Inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	5.00	6	12.0	47	3	**C3825.0**
13/64	5.16	6.35	12	43	3	**C38213/64**
7/32	5.56	6.35	12.5	44.5	3	**C3827/32**
15/64	5.95	6.35	14.5	46	3	**C38215/64**
	6.00	6	16.0	47	3	**C3826.0**
1/4	6.35	6.35	16	44.5	3	**C3821/4**
	7.00	10	16.0	60	3	**C3827.0**
	8.00	10	19.0	60	3	**C3828.0**
	9.00	10	20.0	70	3	**C3829.0**
	10.00	10	22.0	70	3	**C38210.0**
	12.00	12	26.0	70	3	**C38212.0**

C383

- Mini frézy
- Mini freze
- Mini Maró
- Минифрезы
- Frezy mini
- rezkar mini



C383

■ 1.2 1.3 1.4

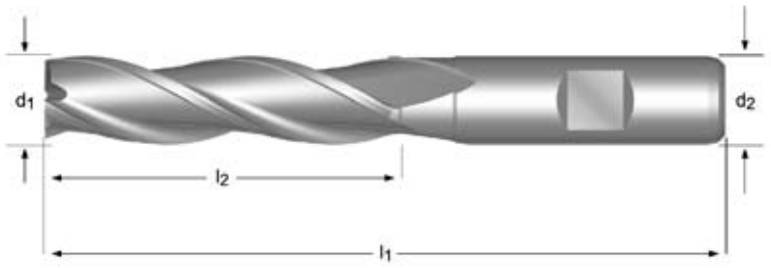
● 1.1 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4

d_1 Ø inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	1.00	6	3.0	40	3	**C3831.0**
	1.50	6	4.0	40	3	**C3831.5**
	2.00	6	5.5	40	3	**C3832.0**
3/32	2.38	6.35	6.5	32	3	**C3833/32**
	3.00	6	7.5	47	3	**C3833.0**
1/8	3.18	6.35	8	34	3	**C3831/8**
	4.00	6	9.5	47	3	**C3834.0**
3/16	4.76	6.35	11	42	3	**C3833/16**

d_1 Ø inch	d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
	5.00	6	12.0	47	3	**C3835.0**
1/4	6.35	6.35	16	44.5	3	**C3831/4**
	6.00	6	16.0	47	3	**C3836.0**
	7.00	10	16.0	60	3	**C3837.0**
	8.00	10	19.0	60	3	**C3838.0**
	9.00	10	20.0	70	3	**C3839.0**
	10.00	10	22.0	70	3	**C38310.0**
	12.00	12	26.0	70	3	**C38312.0**

C346

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C346

■ 1.2 4.1 5.1 6.1 6.2 6.3

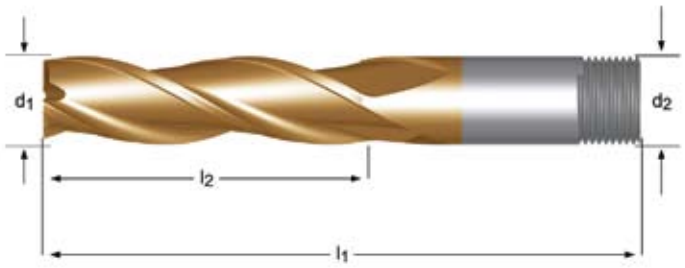
● 1.1 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
3.00	6	12	56	3	**C3463.0**
4.00	6	19	63	3	**C3464.0**
5.00	6	24	68	3	**C3465.0**
6.00	6	24	68	3	**C3466.0**
7.00	10	30	80	3	**C3467.0**
8.00	10	38	88	3	**C3468.0**
9.00	10	38	88	3	**C3469.0**
10.00	10	45	95	3	**C34610.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
11.00	12	45	102	3	**C34611.0**
12.00	12	53	110	3	**C34612.0**
13.00	12	53	110	3	**C34613.0**
14.00	12	53	110	3	**C34614.0**
15.00	12	53	110	3	**C34615.0**
16.00	16	63	123	3	**C34616.0**
18.00	16	63	123	3	**C34618.0**
20.00	20	75	141	3	**C34620.0**

C392

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C392

■ 1.2 1.3 4.1 5.1 6.1 6.2 6.3

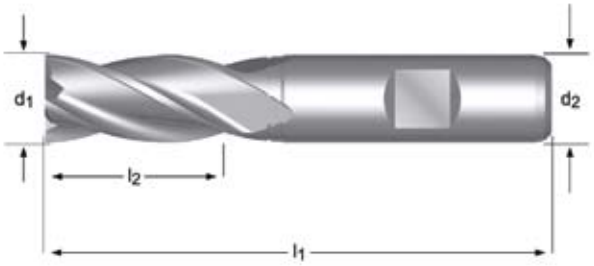
● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	31.5	76.0	3	**C3926.0**
8.00	10	34.0	79.5	3	**C3928.0**
10.00	10	37.0	82.5	3	**C39210.0**
12.00	12	49.5	95.0	3	**C39212.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	12	57.0	101.5	3	**C39214.0**
16.00	16	58.5	108.5	3	**C39216.0**
18.00	16	67.5	115.0	3	**C39218.0**
20.00	16	76.0	121.5	3	**C39220.0**

C247

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C247

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

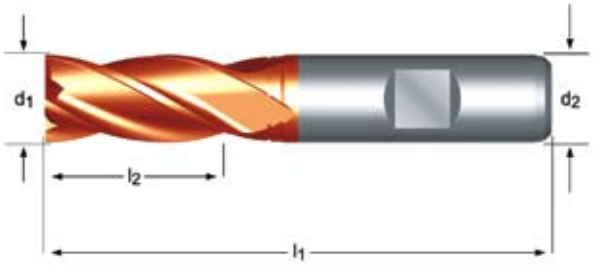
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	7	51	4	**C2472.0**
2.50	6	8	52	4	**C2472.5**
3.00	6	8	52	4	**C2473.0**
3.50	6	10	54	4	**C2473.5**
4.00	6	11	55	4	**C2474.0**
4.50	6	11	55	4	**C2474.5**
5.00	6	13	57	4	**C2475.0**
5.50	6	13	57	4	**C2475.5**
6.00	6	13	57	4	**C2476.0**
6.50	10	16	66	4	**C2476.5**
7.00	10	16	66	4	**C2477.0**
7.50	10	16	66	4	**C2477.5**
8.00	10	19	69	4	**C2478.0**
8.50	10	19	69	4	**C2478.5**
9.00	10	19	69	4	**C2479.0**
9.50	10	19	69	4	**C2479.5**
10.00	10	22	72	4	**C24710.0**
11.00	12	22	79	4	**C24711.0**
12.00	12	26	83	4	**C24712.0**
13.00	12	26	83	4	**C24713.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	12	26	83	4	**C24714.0**
15.00	12	26	83	4	**C24715.0**
16.00	16	32	92	4	**C24716.0**
17.00	16	32	92	4	**C24717.0**
18.00	16	32	92	4	**C24718.0**
19.00	16	32	92	4	**C24719.0**
20.00	20	38	104	4	**C24720.0**
21.00	20	38	104	4	**C24721.0**
22.00	20	38	104	5	**C24722.0**
23.00	20	38	104	5	**C24723.0**
24.00	25	45	121	5	**C24724.0**
25.00	25	45	121	5	**C24725.0**
26.00	25	45	121	6	**C24726.0**
28.00	25	45	121	6	**C24728.0**
30.00	25	45	121	6	**C24730.0**
32.00	32	53	133	6	**C24732.0**
36.00	32	53	133	6	**C24736.0** [1)]
40.00	40	63	155	6	**C24740.0** [1)]

[1)] Bez středicího břitu / Nincs központon átmenő él / Bez ostrza centralnego / Fara tais central / Концевая фреза с перекрытием / zob ne gre čez center

C246

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C246

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

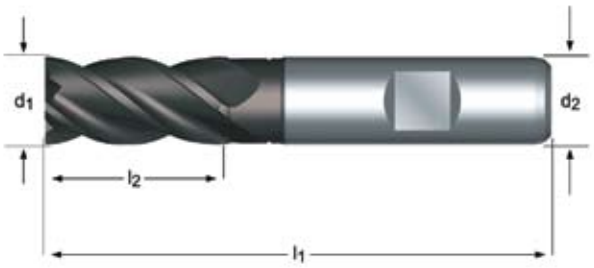
● 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	4	**C2462.0**
3.00	6	8	52	4	**C2463.0**
4.00	6	11	55	4	**C2464.0**
5.00	6	13	57	4	**C2465.0**
6.00	6	13	57	4	**C2466.0**
7.00	10	16	66	4	**C2467.0**
8.00	10	19	69	4	**C2468.0**
9.00	10	19	69	4	**C2469.0**
10.00	10	22	72	4	**C24610.0**
11.00	12	22	79	4	**C24611.0**
12.00	12	26	83	4	**C24612.0**
13.00	12	26	83	4	**C24613.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
14.00	12	26	83	4	**C24614.0**
15.00	12	26	83	4	**C24615.0**
16.00	16	32	92	4	**C24616.0**
18.00	16	32	92	4	**C24618.0**
20.00	20	38	104	4	**C24620.0**
22.00	20	38	104	5	**C24622.0**
25.00	25	45	121	5	**C24625.0**
28.00	25	45	121	6	**C24628.0**
30.00	25	45	121	6	**C24630.0**
32.00	32	53	133	6	**C24632.0**

C927

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



C927

N | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k10

■ 1.1 1.2 1.3 2.1 2.2 2.3 4.1 5.1 6.1 7.2

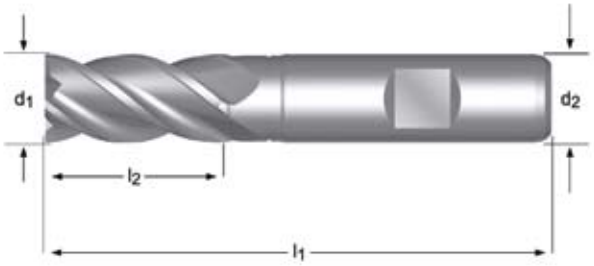
● 1.4 4.2 5.2 6.2 6.3 7.1 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
4.00	6	11	55	4	**C9274.0**
5.00	6	13	57	4	**C9275.0**
6.00	6	13	57	4	**C9276.0**
8.00	10	19	69	4	**C9278.0**
10.00	10	22	72	4	**C92710.0**
12.00	12	26	83	4	**C92712.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
14.00	12	26	83	4	**C92714.0**
16.00	16	32	92	4	**C92716.0**
18.00	16	32	92	4	**C92718.0**
20.00	20	38	104	4	**C92720.0**
25.00	25	45	121	4	**C92725.0**

C299 / C907

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



C299

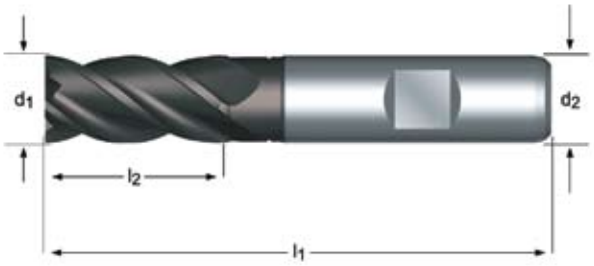
N | HSCo XP | DIN 844 K | DIN 1835 B | k10 | λ 45°

■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4

● 1.6 2.2 4.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
3.00	6	8	52	3	C2993.0
4.00	6	11	55	3	C2994.0
5.00	6	13	57	3	C2995.0
6.00	6	13	57	3	C2996.0
8.00	10	19	69	4	C2998.0
10.00	10	22	72	4	C29910.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	26	83	4	C29912.0
14.00	12	26	83	4	C29914.0
16.00	16	32	92	4	C29916.0
18.00	16	32	92	4	C29918.0
20.00	20	38	104	4	C29920.0
25.00	25	45	121	5	C29925.0



C907

N | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k10 | λ 45°

■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4

● 4.1

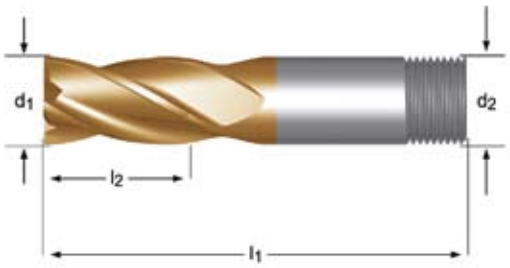
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
3.00	6	8	52	3	C9073.0
4.00	6	11	55	3	C9074.0
5.00	6	13	57	3	C9075.0
6.00	6	13	57	3	C9076.0
8.00	10	19	69	4	C9078.0
10.00	10	22	72	4	C90710.0
12.00	12	26	83	4	C90712.0
14.00	12	26	83	4	C90714.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	4	C90716.0
18.00	16	32	92	4	C90718.0
20.00	20	38	104	4	C90720.0
22.00	20	38	104	5	C90722.0
25.00	25	45	121	5	C90725.0
28.00	25	45	121	6	C90728.0
30.00	25	45	121	6	C90730.0
32.00	32	53	133	6	C90732.0

C291

DORMER

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C291

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	l_2 mm	d_2 Ø mm	l_1 mm	z	e-Code	
1/16	1.59	2.5	6.35 - 1/4	48.5	2	**C2911/16**	4)
	2.00	3.0	6.0	49.0	2	**C2912.0**	4)
3/32	2.38	6.5	6.35 - 1/4	51.0	4	**C2913/32**	4)
	2.50	6.5	6.0	51.0	4	**C2912.5**	4)
	3.00	9.5	6.0	54.0	4	**C2913.0**	4)
1/8	3.18	9.5	6.35 - 1/4	54.0	4	**C2911/8**	4)
	3.50	12.5	6.0	57.0	4	**C2913.5**	4)
5/32	3.97	12.5	6.35 - 1/4	57.0	4	**C2915/32**	4)
	4.00	12.5	6.0	57.0	4	**C2914.0**	4)
	4.50	12.5	6.0	57.0	4	**C2914.5**	4)
3/16	4.76	12.5	6.35 - 1/4	57.0	4	**C2913/16**	4)
	5.00	16.0	6.0	60.5	4	**C2915.0**	4)
	5.50	16.0	6.0	60.5	4	**C2915.5**	4)
	6.00	16.0	6.0	60.5	4	**C2916.0**	4)
1/4	6.35	16.0	6.35 - 1/4	60.5	4	**C2911/4**	4)
	6.50	16.0	10.0	60.5	4	**C2916.5**	4)
	7.00	15.0	10.0	60.5	4	**C2917.0**	4)
	7.50	18.0	10.0	63.5	4	**C2917.5**	4)
5/16	7.94	18.0	9.53 - 3/8	63.5	4	**C2915/16**	4)
	8.00	18.0	10.0	63.5	4	**C2918.0**	4)
	8.50	21.0	10.0	66.5	4	**C2918.5**	4)
	9.00	21.0	10.0	66.5	4	**C2919.0**	4)
	9.50	21.0	10.0	66.5	4	**C2919.5**	4)
3/8	9.53	21.0	9.53 - 3/8	66.5	4	**C2913/8**	4)
	10.00	21.0	10.0	66.5	4	**C29110.0**	4)
13/32	10.32	22.5	9.53 - 3/8	66.5	4	**C29113/32**	4)
	10.50	19.0	10.0	66.5	4	**C29110.5**	4)
	11.00	19.0	12.0	66.5	4	**C29111.0**	4)
7/16	11.11	19.0	12.7 - 1/2	66.5	4	**C2917/16**	4)
	12.00	24.0	12.0	70.0	4	**C29112.0**	4)
1/2	12.70	24.0	12.7 - 1/2	70.0	4	**C2911/2**	4)
	13.00	24.5	12.0	70.0	4	**C29113.0**	4)
	14.00	28.5	12.0	73.0	4	**C29114.0**	4)
9/16	14.29	28.5	12.7 - 1/2	73.0	4	**C2919/16**	4)
	15.00	26.5	16.0	77.0	4	**C29115.0**	4)
5/8	15.88	26.5	15.88 - 5/8	77.0	4	**C2915/8**	4)
	16.00	26.5	16.0	77.0	4	**C29116.0**	4)
	17.00	32.0	16.0	80.0	4	**C29117.0**	4)
	18.00	35.0	16.0	80.0	4	**C29118.0**	4)
	19.00	38.0	16.0	83.5	4	**C29119.0**	4)
3/4	19.05	38.0	15.88 - 5/8	83.5	4	**C2913/4**	4)
	20.00	38.0	16.0	83.5	4	**C29120.0**	4)

4) tolerance průměru + .0025" -.0005" / az átmérő tűrése +.0025 inches -.0005 inches / Tolerancja srednicy +.0025 cala/-.0005 cala / toleranta diametrului +.0025 inches -.0005 inches / допуск на диаметр +0.0025 дюйма -0.0005 дюйма / toleranca premera +.0025 col -.0005 col

C291

d_1 Ø	d_1 Ø	l_2	d_2 Ø	l_1			
Inch	**mm**	**mm**	**mm**	**mm**	**z**	**e-Code**	
	21.00	38.0	25.0	95.0	6	**C29121.0**	[4]
	22.00	41.5	25.0	98.5	6	**C29122.0**	[4]
7/8	22.23	41.5	25.4 - 1	98.5	6	**C2917/8**	[4]
	23.00	41.5	25.0	98.5	6	**C29123.0**	[4]
	24.00	41.5	25.0	98.5	6	**C29124.0**	[4]
	25.00	44.5	25.0	101.5	6	**C29125.0**	[4]
1“	25.40	43.0	25.4 - 1	101.5	6	**C2911**	[4]
	26.00	43.0	25.0	101.5	6	**C29126.0**	[4]
	28.00	46.0	25.0	104.5	6	**C29128.0**	[4]
1.1/8	28.58	46.0	25.4 - 1	104.5	6	**C2911.1/8**	[4]
	30.00	46.0	25.0	104.5	6	**C29130.0**	[4]
1.1/4	31.75	49.0	25.4 - 1	108.0	6	**C2911.1/4X1**	[4]
	32.00	49.0	25.0	108.0	6	**C29132.0X25.0**	[4]
	34.00	49.0	25.0	108.0	6	**C29134.0X25.0**	[4]
1.3/8	34.93	52.5	25.4 - 1	111.0	6	**C2911.3/8X1**	[4]
	35.00	52.5	25.0	111.0	6	**C29135.0X25.0**	[4]
	36.00	52.5	25.0	111.0	6	**C29136.0X25.0**	[4]
	38.00	55.5	25.0	114.5	6	**C29138.0X25.0**	[4]
1.1/2	38.10	55.5	25.4 - 1	114.5	6	**C2911.1/2X1**	[4]
	40.00	58.5	25.0	117.5	8	**C29140.0X25.0**	[5]
1.5/8	41.28	60.5	25.4 - 1	117.5	8	**C2911.5/8X1**	[5]
	42.00	60.5	25.0	117.5	8	**C29142.0X25.0**	[5]
1.3/4	44.45	63.5	25.4 - 1	120.5	8	**C2911.3/4X1**	[5]
	45.00	63.5	25.0	120.5	8	**C29145.0X25.0**	[5]
	50.00	65.0	32.0	127.0	8	**C29150.0X32.0**	[5]
2“	50.80	70.0	25.4 - 1	127.0	8	**C2912X1**	[5]
2“	50.80	65.0	31.75 - 1.1/4	127.0	8	**C2912X1.1/4**	[5]

[4] tolerance průměru + .0025” -.0005” / az átmérő tűrése +.0025 inches -.0005 inches / Tolerancja srednicy +.0025 cala -.0005 cala / toleranta diametrului +.0025 inches -.0005 inches / допуск на диаметр +0.0025 дюйма -0.0005 дюйма / toleranca premera +.0025 col -.0005 col

[5] tolerance průměru + .0005” 0 / az átmérő tűrése +0.005 inches 0 / Tolerancja srednicy +0.005 cala 0 / toleranta diametrului +0.005 inches 0 / допуск на диаметр +0.005 дюйма 0 / toleranca premera +0.005 col 0

C270

- Stopkové frézy
- Freze cilindrice
- Ujjmaró kúpos szárral
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar

C270

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

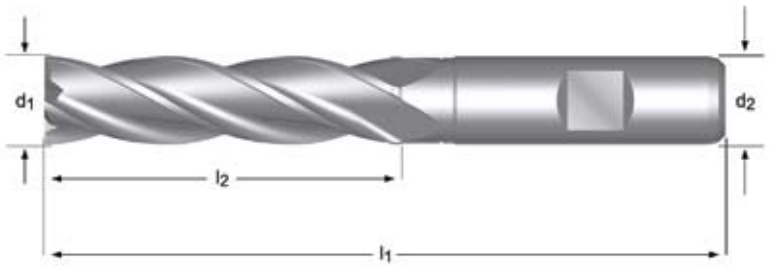
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
10.00	22	92	1	4	**C27010.0**
12.00	26	96	1	4	**C27012.0**
14.00	26	111	2	4	**C27014.0**
16.00	32	117	2	4	**C27016.0**
18.00	32	117	2	4	**C27018.0**
20.00	38	123	2	4	**C27020.0**
22.00	38	123	2	5	**C27022.0**
24.00	45	147	3	5	**C27024.0**
25.00	45	147	3	5	**C27025.0**
26.00	45	147	3	6	**C27026.0**

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
28.00	45	147	3	6	**C27028.0**
30.00	45	147	3	6	**C27030.0**
32.00	53	178	4	6	**C27032.0**
34.00	53	178	4	6	**C27034.0**
36.00	53	178	4	6	**C27036.0**
38.00	63	188	4	6	**C27038.0**
40.00	63	188	4	6	**C27040.0**
45.00	63	188	4	8	**C27045.0**
50.00	75	233	5	8	**C27050.0X200.0**

C273

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C273

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

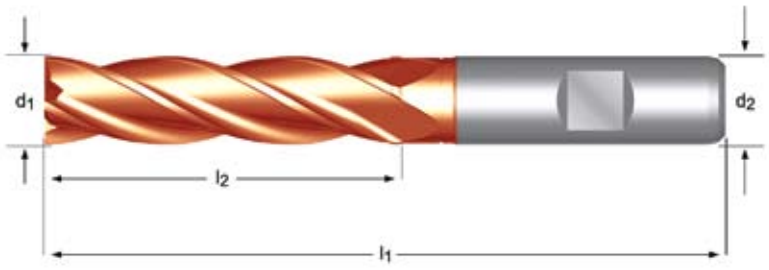
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	10	54	4	**C2732.0**
2.50	6	12	56	4	**C2732.5**
3.00	6	12	56	4	**C2733.0**
3.50	6	15	59	4	**C2733.5**
4.00	6	19	63	4	**C2734.0**
4.50	6	19	63	4	**C2734.5**
5.00	6	24	68	4	**C2735.0**
5.50	6	24	68	4	**C2735.5**
6.00	6	24	68	4	**C2736.0**
7.00	10	30	80	4	**C2737.0**
8.00	10	38	88	4	**C2738.0**
9.00	10	38	88	4	**C2739.0**
10.00	10	45	95	4	**C27310.0**
11.00	12	45	102	4	**C27311.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
12.00	12	53	110	4	**C27312.0**
13.00	12	53	110	4	**C27313.0**
14.00	12	53	110	4	**C27314.0**
15.00	12	53	110	4	**C27315.0**
16.00	16	63	123	4	**C27316.0**
18.00	16	63	123	4	**C27318.0**
20.00	20	75	141	4	**C27320.0**
22.00	20	75	141	5	**C27322.0**
25.00	25	90	166	5	**C27325.0**
28.00	25	90	166	6	**C27328.0**
30.00	25	90	166	6	**C27330.0**
32.00	32	106	186	6	**C27332.0**
36.00	32	106	186	6	**C27336.0**
40.00	40	125	217	6	**C27340.0**

C295

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C295

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

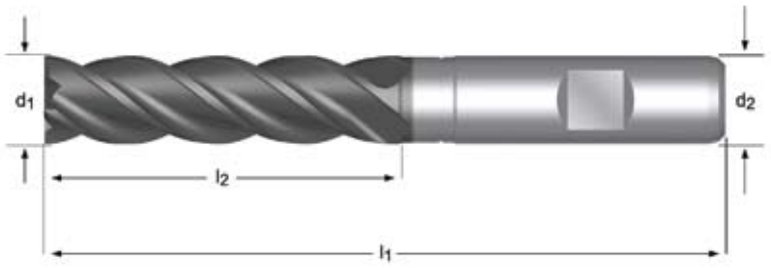
● 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
2.00	6	10	54	4	**C2952.0**
3.00	6	12	56	4	**C2953.0**
4.00	6	19	63	4	**C2954.0**
5.00	6	24	68	4	**C2955.0**
6.00	6	24	68	4	**C2956.0**
7.00	10	30	80	4	**C2957.0**
8.00	10	38	88	4	**C2958.0**
9.00	10	38	88	4	**C2959.0**
10.00	10	45	95	4	**C29510.0**
11.00	12	45	102	4	**C29511.0**
12.00	12	53	110	4	**C29512.0**
13.00	12	53	110	4	**C29513.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
14.00	12	53	110	4	**C29514.0**
15.00	12	53	110	4	**C29515.0**
16.00	16	63	123	4	**C29516.0**
18.00	16	63	123	4	**C29518.0**
20.00	20	75	141	4	**C29520.0**
22.00	20	75	141	5	**C29522.0**
25.00	25	90	166	5	**C29525.0**
28.00	25	90	166	6	**C29528.0**
30.00	25	90	166	6	**C29530.0**
32.00	32	106	186	6	**C29532.0**
40.00	40	125	217	6	**C29540.0**

C940

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



primax

C940

■ 1.1 1.2 1.3 2.1 2.2 2.3 4.1 5.1 6.1 7.2

● 1.4 4.2 5.2 6.2 6.3 7.1 7.3 8.1

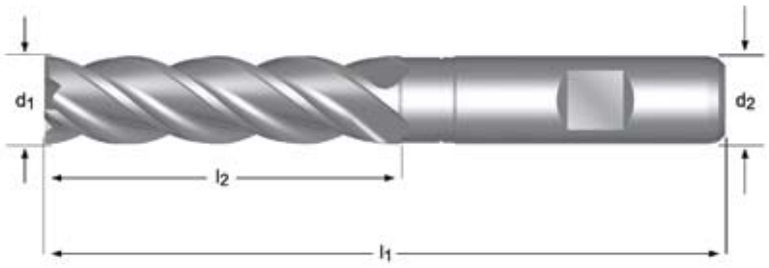
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	4	**C9406.0**
8.00	10	38	88	4	**C9408.0**
10.00	10	45	95	4	**C94010.0**
12.00	12	53	110	4	**C94012.0**
14.00	12	53	110	4	**C94014.0**
16.00	16	63	123	4	**C94016.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	63	123	4	**C94018.0**
20.00	20	75	141	4	**C94020.0**
25.00	25	90	166	4	**C94025.0**

C903 / C920

DORMER

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



primax

C903

■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4

● 1.6 2.2 4.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	3	**C9036.0**
8.00	10	38	88	4	**C9038.0**
10.00	10	45	95	4	**C90310.0**
12.00	12	53	110	4	**C90312.0**
14.00	12	53	110	4	**C90314.0**
16.00	16	63	123	4	**C90316.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	63	123	4	**C90318.0**
20.00	20	75	141	4	**C90320.0**
22.00	20	75	141	5	**C90322.0**
25.00	25	90	166	5	**C90325.0**

primax

C920

■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.1 5.2 5.3 6.2 7.4

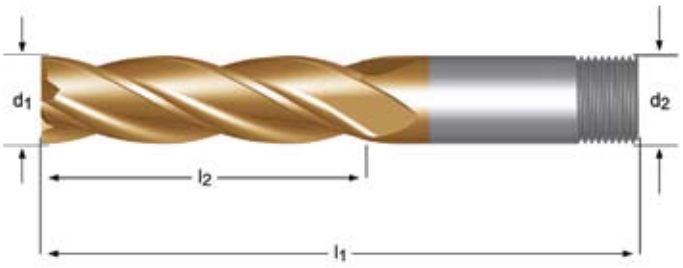
● 4.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	3	**C9206.0**
8.00	10	38	88	4	**C9208.0**
10.00	10	45	95	4	**C92010.0**
12.00	12	53	110	4	**C92012.0**
14.00	12	53	110	4	**C92014.0**
16.00	16	63	123	4	**C92016.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	63	123	4	**C92018.0**
20.00	20	75	141	4	**C92020.0**
22.00	20	75	141	5	**C92022.0**
25.00	25	90	166	5	**C92025.0**

C292

- Stopkové frézy
- Freze cilindrice
- Ujjmaró
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C292

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

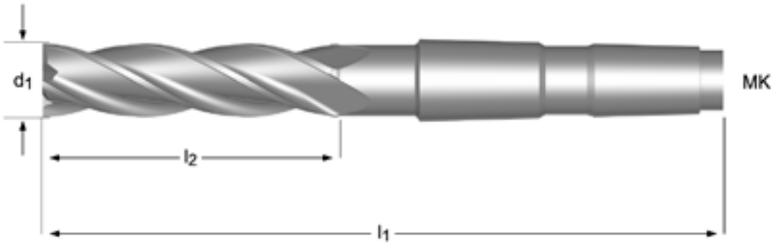
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	l_2 mm	d_2 Ø mm	l_1 mm	z	e-Code	
1/16	1.59	4.5	6.35 - 1/4	51.0	2	**C2921/16**	4)
	3.00	19.0	6.0	63.5	4	**C2923.0**	4)
1/8	3.18	19.0	6.35 - 1/4	63.5	4	**C2921/8**	4)
	3.50	25.5	6.0	70.0	4	**C2923.5**	4)
	4.00	25.5	6.0	70.0	4	**C2924.0**	4)
	4.50	25.5	6.0	70.0	4	**C2924.5**	4)
3/16	4.76	25.5	6.35 - 1/4	70.0	4	**C2923/16**	4)
	5.00	31.5	6.0	76.0	4	**C2925.0**	4)
	6.00	31.5	6.0	76.0	4	**C2926.0**	4)
1/4	6.35	31.5	6.35 - 1/4	76.0	4	**C2921/4**	4)
	7.00	34.0	10.0	79.5	4	**C2927.0**	4)
9/32	7.14	34.0	9.53 - 3/8	79.5	4	**C2929/32**	4)
5/16	7.94	34.0	9.53 - 3/8	79.5	4	**C2925/16**	4)
	8.00	34.0	10.0	79.5	4	**C2928.0**	4)
	9.00	37.0	10.0	82.5	4	**C2929.0**	4)
3/8	9.53	37.0	9.53 - 3/8	82.5	4	**C2923/8**	4)
	10.00	37.0	10.0	82.5	4	**C29210.0**	4)
	11.00	41.5	12.0	89.0	4	**C29211.0**	4)
7/16	11.11	41.5	12.7 - 1/2	89.0	4	**C2927/16**	4)
	12.00	49.5	12.0	95.0	4	**C29212.0**	4)
1/2	12.70	49.5	12.7 - 1/2	95.0	4	**C2921/2**	4)
	13.00	50.0	12.0	95.0	4	**C29213.0**	4)
	14.00	57.0	12.0	101.5	4	**C29214.0**	4)
9/16	14.29	57.0	12.7 - 1/2	101.5	4	**C2929/16**	4)
	15.00	58.5	16.0	108.5	4	**C29215.0**	4)
5/8	15.88	58.5	15.88 - 5/8	108.5	4	**C2925/8**	4)
	16.00	58.5	16.0	108.5	4	**C29216.0**	4)
	17.00	67.0	16.0	115.0	4	**C29217.0**	4)
	18.00	70.0	16.0	115.0	4	**C29218.0**	4)
	19.00	76.0	16.0	121.5	4	**C29219.0**	4)
3/4	19.05	76.0	15.88 - 5/8	121.5	4	**C2923/4**	4)
	20.00	76.0	16.0	121.5	4	**C29220.0**	4)
	22.00	85.5	25.0	143.0	6	**C29222.0**	4)
7/8	22.23	85.5	25.4 - 1	143.0	6	**C2927/8**	4)
	24.00	92.0	25.0	149.0	6	**C29224.0**	4)
	25.00	100.0	25.0	157.0	6	**C29225.0**	4)
1“	25.40	100.0	25.4 - 1	157.0	6	**C2921**	4)
1.1/8	28.58	98.5	25.4 - 1	157.0	6	**C2921.1/8**	4)
	30.00	98.5	25.0	157.0	6	**C29230.0**	4)
1.1/4	31.75	100.0	25.4 - 1	159.0	6	**C2921.1/4X1**	4)
	32.00	100.0	25.0	159.0	6	**C29232.0X25.0**	4)
1.1/2	38.10	100.0	25.4 - 1	159.0	6	**C2921.1/2X1**	4)

[4] tolerance průměru + .0025” -.0005” / az átmérő tűrése +.0025 inches -.0005 inches / Tolerancja srednicy +.0025 cala -.0005 cala / toleranta diametrului +.0025 inches -.0005 inches / допуск на диаметр +0.0025 дюйма -0.0005 дюйма / toleranca premera +.0025 col -.0005 col

C272

- Stopkové frézy
- Freze cilindrice
- Ujjmaró kúpos szárral
- Концевые фрезы
- Frezy walcowo-czolowe
- rezkar



C272

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

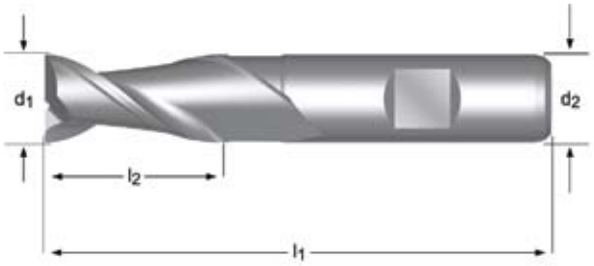
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
16.00	63	148	2	4	**C27216.0**
18.00	63	148	2	4	**C27218.0**
20.00	75	160	2	4	**C27220.0**
22.00	75	160	2	5	**C27222.0**
25.00	90	192	3	5	**C27225.0**
28.00	90	192	3	6	**C27228.0**

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
30.00	90	192	3	6	**C27230.0**
32.00	106	231	4	6	**C27232.0**
36.00	106	231	4	6	**C27236.0**
40.00	125	250	4	6	**C27240.0**

C159 / C169

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



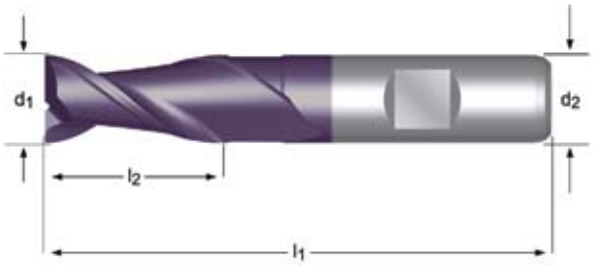
C159

■ 1.1 6.1 7.1 7.2 7.3

● 1.2 1.3 2.1 2.2 4.1 5.1 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	2	C1592.0
3.00	6	8	52	2	C1593.0
4.00	6	11	55	2	C1594.0
5.00	6	13	57	2	C1595.0
6.00	6	13	57	2	C1596.0
7.00	10	16	66	2	C1597.0
8.00	10	19	69	2	C1598.0
9.00	10	19	69	2	C1599.0
10.00	10	22	72	2	C15910.0
11.00	12	22	79	2	C15911.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
12.00	12	26	83	2	C15912.0
13.00	12	26	83	2	C15913.0
14.00	12	26	83	2	C15914.0
15.00	12	26	83	2	C15915.0
16.00	16	32	92	2	C15916.0
18.00	16	32	92	2	C15918.0
20.00	20	38	104	2	C15920.0



C169

■ 1.1 1.2 6.1 7.1 7.2 7.3 7.4

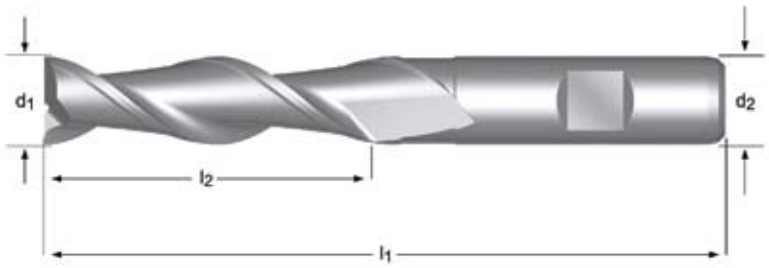
● 1.3 2.1 2.2 2.3 4.1 4.2 5.1 5.2 6.2 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
2.00	6	7	51	2	C1692.0
3.00	6	8	52	2	C1693.0
4.00	6	11	55	2	C1694.0
5.00	6	13	57	2	C1695.0
6.00	6	13	57	2	C1696.0
7.00	10	16	66	2	C1697.0
8.00	10	19	69	2	C1698.0
9.00	10	19	69	2	C1699.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	2	C16910.0
12.00	12	26	83	2	C16912.0
14.00	12	26	83	2	C16914.0
16.00	16	32	92	2	C16916.0
18.00	16	32	92	2	C16918.0
20.00	20	38	104	2	C16920.0

C166

- Drážkovací frézy
- Hosszlyukmaró
- Frezy palcowe do rowków na wpusty
- Freze deget
- Шпоночные фрезы
- rezkar dvorezni



C166

■ 1.1 6.1 7.1 7.2 7.3

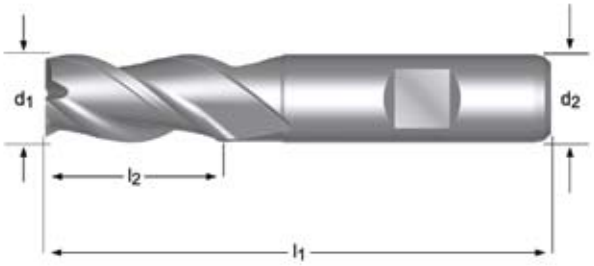
● 1.2 1.3 2.1 2.2 4.1 5.1 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	2	**C1666.0**
7.00	10	30	80	2	**C1667.0**
8.00	10	38	88	2	**C1668.0**
9.00	10	38	88	2	**C1669.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	45	95	2	**C16610.0**
12.00	12	53	110	2	**C16612.0**
14.00	12	53	110	2	**C16614.0**
16.00	16	63	123	2	**C16616.0**

C336 / C358

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



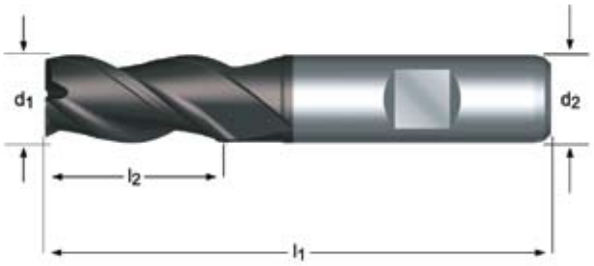
C336

■ 6.1 7.2

● 1.1 1.2 1.3 2.1 2.2 4.1 5.1 7.1 7.3

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
10.00	10	22	72	3	C33610.0
12.00	12	26	83	3	C33612.0
14.00	12	26	83	3	C33614.0
15.00	12	26	83	3	C33615.0
16.00	16	32	92	3	C33616.0
18.00	16	32	92	3	C33618.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
20.00	20	38	104	3	C33620.0
22.00	20	38	104	3	C33622.0
25.00	25	45	121	3	C33625.0
30.00	25	45	121	3	C33630.0



C358

■ 1.2 6.1 7.2 7.3 7.4

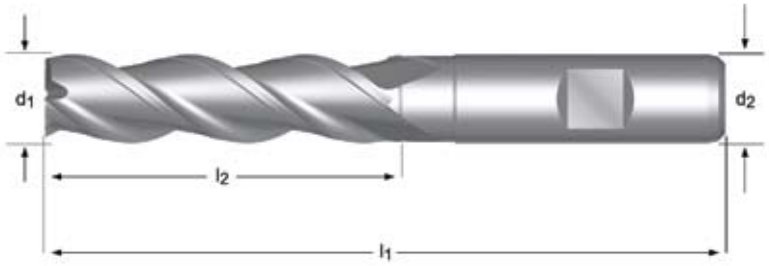
● 1.1 1.3 2.1 2.2 2.3 4.1 4.2 5.1 5.2 6.2 7.1

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
10.00	10	22	72	3	C35810.0
12.00	12	26	83	3	C35812.0
14.00	12	26	83	3	C35814.0
16.00	16	32	92	3	C35816.0
18.00	16	32	92	3	C35818.0
20.00	20	38	104	3	C35820.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
22.00	20	38	104	3	C35822.0
25.00	25	45	121	3	C35825.0
30.00	25	45	121	3	C35830.0

C333 / C359

- Stopkové frézy - Primax
- Ujjmaró - Primax
- Frezy walcowo-czolowe - Primax
- Freze cilindrice - Primax
- Концевые фрезы - Primax
- rezkar - Primax



C333

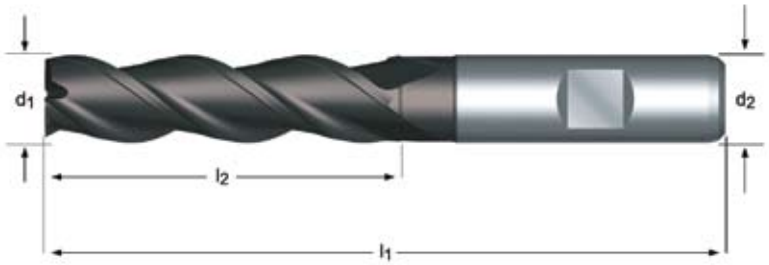
W | HSCo XP | DIN 844 L | DIN 1835 B | k10 | λ 40°

■ 6.1 7.2

● 1.1 1.2 1.3 2.1 2.2 4.1 5.1 7.1 7.3

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
10.00	10	45	95	3	C33310.0
12.00	12	53	110	3	C33312.0
14.00	12	53	110	3	C33314.0
16.00	16	63	123	3	C33316.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
18.00	16	63	123	3	C33318.0
20.00	20	75	141	3	C33320.0
25.00	25	90	166	3	C33325.0
30.00	25	90	166	3	C33330.0



C359

W | HSCo XP | Super G | DIN 844 L | DIN 1835 B | k10 | λ 40°

■ 1.2 6.1 7.2 7.3 7.4

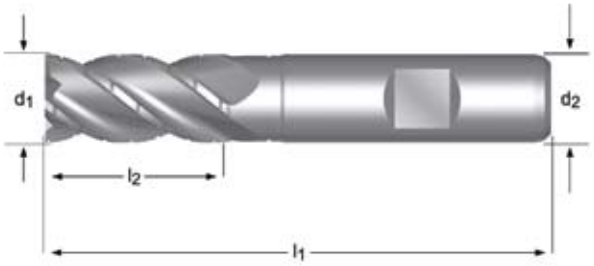
● 1.1 1.3 2.1 2.2 2.3 4.1 4.2 5.1 5.2 6.2 7.1

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
10.00	10	45	95	3	C35910.0
12.00	12	53	110	3	C35912.0
14.00	12	53	110	3	C35914.0
16.00	16	63	123	3	C35916.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
18.00	16	63	123	3	C35918.0
20.00	20	75	141	3	C35920.0
25.00	25	90	166	3	C35925.0
30.00	25	90	166	3	C35930.0

C365

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax



primax

C365

■ 6.1 6.2 7.1 7.2

● 1.1 1.2 1.3 2.1 4.1 5.1 6.3 7.3 8.1

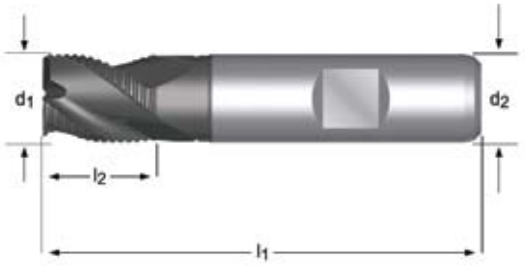
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	22	72	3	**C36510.0**
12.00	12	26	83	3	**C36512.0**
14.00	12	26	83	3	**C36514.0**
16.00	16	32	92	3	**C36516.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	32	92	4	**C36518.0**
20.00	20	38	104	4	**C36520.0**
25.00	25	45	121	4	**C36525.0**
30.00	25	45	121	4	**C36530.0**

C324

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax

NEW
2008.09



C324

Hrubovací profil vylepšený na asymetrický HRA / Tökéletesített nagyoló profil: “aszimmetrikus” HRA forgácstörő / Profil zgrubny zmodyfikowany o asymetryczny łamacz HRA / Profil de degroare stil asimetric HRA / Тип стружколомающей геометрии был улучшен до несимметричной HRA / Grobi profil HRA

■ 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

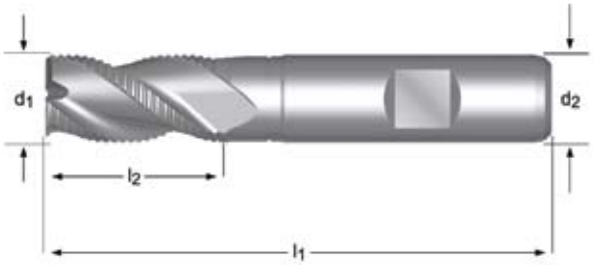
● 1.3 4.1 5.1 6.4

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
8.00	10	11	61	3	**C3248.0**
10.00	10	13	63	3	**C32410.0**
12.00	12	16	73	3	**C32412.0**
14.00	12	16	73	3	**C32414.0**
16.00	16	19	79	3	**C32416.0**
18.00	16	19	79	3	**C32418.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
20.00	20	22	88	3	**C32420.0**
22.00	20	22	88	3	**C32422.0**
25.00	25	26	102	3	**C32425.0**
28.00	25	26	102	3	**C32428.0**
30.00	25	26	102	3	**C32430.0**

C905 / C922

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax



NEW 2008.09

primax

C905

Hrubovací profil vylepšený na asymetrický HRA / Tökéletesített nagyoló profil: “aszimmetrikus” HRA forgácstörő / Profil zgrubny zmodyfikowany o asymetryczny łamacz HRA / Profil de degroare stil asimetric HRA / Тип стружколомающей геометрии был улучшен до несимметричной HRA / Grobi profil HRA

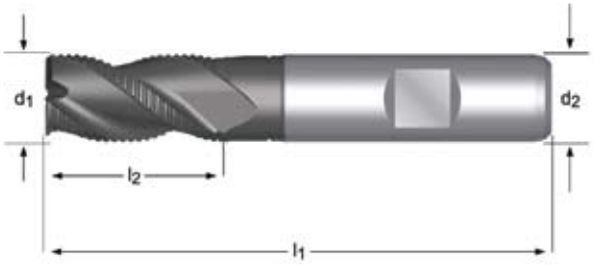
HRA | HSCo XP | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 1.3 1.6 2.2 4.1 5.1 6.4

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	3	C9056.0
7.00	10	16	66	3	C9057.0
8.00	10	19	69	3	C9058.0
9.00	10	19	69	3	C9059.0
10.00	10	22	72	3	C90510.0
11.00	12	22	79	3	C90511.0
12.00	12	26	83	3	C90512.0
13.00	12	26	83	3	C90513.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
14.00	12	26	83	3	C90514.0
15.00	12	26	83	3	C90515.0
16.00	16	32	92	3	C90516.0
18.00	16	32	92	3	C90518.0
20.00	20	38	104	3	C90520.0



NEW 2008.09

primax

C922

Hrubovací profil vylepšený na asymetrický HRA / Tökéletesített nagyoló profil: “aszimmetrikus” HRA forgácstörő / Profil zgrubny zmodyfikowany o asymetryczny łamacz HRA / Profil de degroare stil asimetric HRA / Тип стружколомающей геометрии был улучшен до несимметричной HRA / Grobi profil HRA

HRA | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 1.3 4.1 5.1 6.4

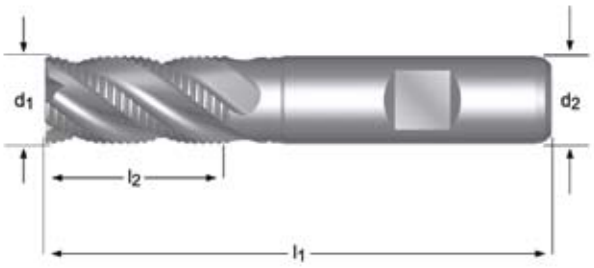
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	3	C9226.0
7.00	10	16	66	3	C9227.0
8.00	10	19	69	3	C9228.0
9.00	10	19	69	3	C9229.0
10.00	10	22	72	3	C92210.0
11.00	12	22	79	3	C92211.0
12.00	12	26	83	3	C92212.0
13.00	12	26	83	3	C92213.0
14.00	12	26	83	3	C92214.0
15.00	12	26	83	3	C92215.0
16.00	16	32	92	3	C92216.0
18.00	16	32	92	3	C92218.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
20.00	20	38	104	3	C92220.0
22.00	20	38	104	3	C92222.0
24.00	25	45	121	4	C92224.0
25.00	25	45	121	4	C92225.0
26.00	25	45	121	4	C92226.0
28.00	25	45	121	4	C92228.0
30.00	25	45	121	4	C92230.0
32.00	32	53	133	4	C92232.0
36.00	32	53	133	4	C92236.0
40.00	40	63	155	4	C92240.0

C426 / C428

DORMER

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax



primax

C426

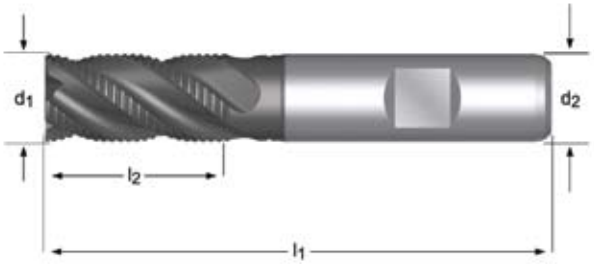
HRA | HSCo XP | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 1.3 1.6 2.2 4.1 5.1 6.4

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	4	C4266.0
7.00	10	16	66	4	C4267.0
8.00	10	19	69	4	C4268.0
9.00	10	19	69	4	C4269.0
10.00	10	22	72	4	C42610.0
11.00	12	22	79	4	C42611.0
12.00	12	26	83	4	C42612.0
13.00	12	26	83	4	C42613.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
14.00	12	26	83	4	C42614.0
15.00	12	26	83	4	C42615.0
16.00	16	32	92	4	C42616.0
18.00	16	32	92	4	C42618.0
20.00	20	38	104	4	C42620.0



primax

C428

HRA | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

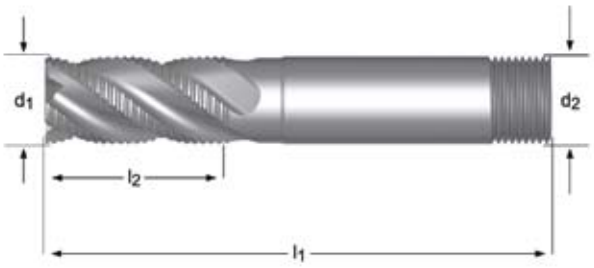
● 1.3 4.1 5.1 6.4

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	4	C4286.0
7.00	10	16	66	4	C4287.0
8.00	10	19	69	4	C4288.0
9.00	10	19	69	4	C4289.0
10.00	10	22	72	4	C42810.0
11.00	12	22	79	4	C42811.0
12.00	12	26	83	4	C42812.0
13.00	12	26	83	4	C42813.0
14.00	12	26	83	4	C42814.0
15.00	12	26	83	4	C42815.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
16.00	16	32	92	4	C42816.0
18.00	16	32	92	4	C42818.0
20.00	20	38	104	4	C42820.0
22.00	20	38	104	4	C42822.0
25.00	25	45	121	6	C42825.0
28.00	25	45	121	6	C42828.0
30.00	25	45	121	6	C42830.0
32.00	32	53	133	6	C42832.0
36.00	32	53	133	6	C42836.0
40.00	40	63	155	6	C42840.0

C437 / C436

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C437

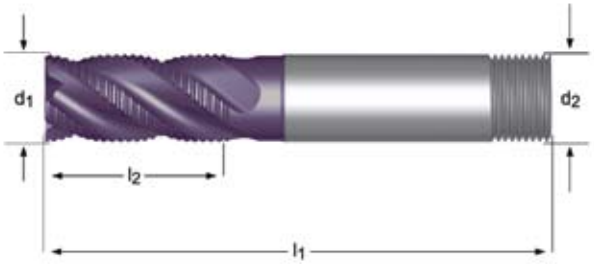
HR | HSCo XP | DIN 844 K | DIN 1835 D | k12 | λ 35°

■ 1.2 1.3 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	3	C4376.0
7.00	10	16	66	4	C4377.0
8.00	10	19	69	4	C4378.0
10.00	10	22	72	4	C43710.0
12.00	12	26	83	4	C43712.0
14.00	12	26	83	4	C43714.0

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
16.00	16	32	92	4	C43716.0
18.00	16	32	92	4	C43718.0
20.00	16	38	98	4	C43720.0
20.00	20	38	104	4	C43720.0X20.0
25.00	25	45	121	6	C43725.0
30.00	25	45	121	6	C43730.0



C436

HR | HSCo XP | TiCN | DIN 844 K | DIN 1835 D | k12 | λ 35°

■ 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.2 5.2 6.2 6.3

● 1.1 1.5 1.6 2.1 2.3 4.1 4.3 5.1 5.3 6.1 6.4 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	3	C4366.0
8.00	10	19	69	4	C4368.0
10.00	10	22	72	4	C43610.0
12.00	12	26	83	4	C43612.0
14.00	12	26	83	4	C43614.0
16.00	16	32	92	4	C43616.0

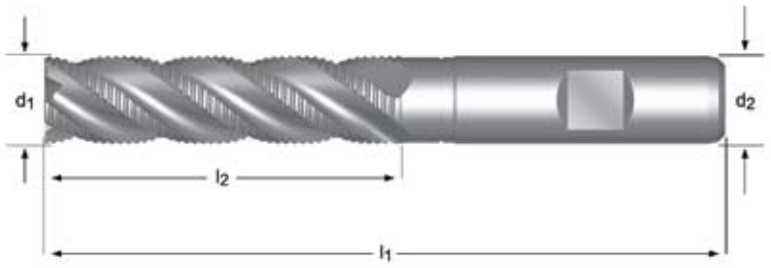
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	32	92	4	C43618.0
20.00	16	38	98	4	C43620.0
20.00	20	38	104	4	C43620.0X20.0
25.00	25	45	121	6	C43625.0
30.00	25	45	121	6	C43630.0

C491 / C492

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax

NEW
2008.09

primax



C491

Hrubovací profil vylepšený na asymetrický HRA / Tökéletesített nagyoló profil: “aszimmetrikus” HRA forgácstörő / Profil zgrubny zmodyfikowany o asymetryczny łamacz HRA / Profil de degroare stil asimetric HRA / Тип стружколомающей геометрии был улучшен до несимметричной HRA / Grobi profil HRA

■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 1.6 2.2 4.1 5.1 6.4

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	24	68	3	**C4916.0**
8.00	10	38	88	3	**C4918.0**
10.00	10	45	95	4	**C49110.0**
12.00	12	53	110	4	**C49112.0**
14.00	12	53	110	4	**C49114.0**
16.00	16	63	123	4	**C49116.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
18.00	16	63	123	4	**C49118.0**
20.00	20	75	141	4	**C49120.0**
22.00	20	75	141	4	**C49122.0**
25.00	25	90	166	6	**C49125.0**
30.00	25	90	166	6	**C49130.0**

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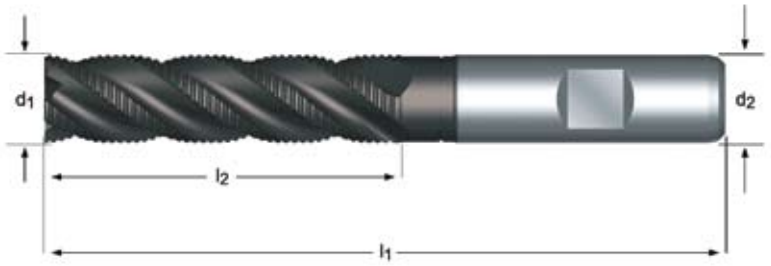
2008.09

primax



C492

Hrubovací profil vylepšený na asymetrický HRA / Tökéletesített nagyoló profil: “aszimmetrikus” HRA forgácstörő / Profil zgrubny zmodyfikowany o asymetryczny łamacz HRA / Profil de degroare stil asimetric HRA / Тип стружколомающей геометрии был улучшен до несимметричной HRA / Grobi profil HRA

■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 4.1 5.1 6.4

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	24	68	3	**C4926.0**
8.00	10	38	88	3	**C4928.0**
10.00	10	45	95	4	**C49210.0**
12.00	12	53	110	4	**C49212.0**
14.00	12	53	110	4	**C49214.0**
16.00	16	63	123	4	**C49216.0**

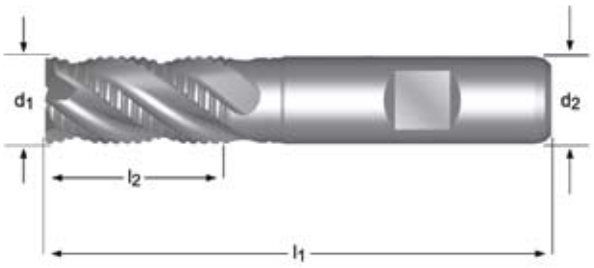
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
18.00	16	63	123	4	**C49218.0**
20.00	20	75	141	4	**C49220.0**
22.00	20	75	141	4	**C49222.0**
25.00	25	90	166	6	**C49225.0**
30.00	25	90	166	6	**C49230.0**

C407 / C908

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax

NEW
2008.09

primax



C407

NRA | HSCo XP | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.2 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2

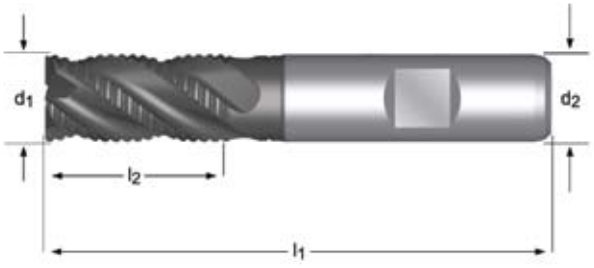
● 1.1 1.6 2.2 4.1 5.1 6.4 7.4

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	C4076.0
7.00	10	16	66	4	C4077.0
8.00	10	19	69	4	C4078.0
9.00	10	19	69	4	C4079.0
10.00	10	22	72	4	C40710.0
11.00	12	22	79	4	C40711.0
12.00	12	26	83	4	C40712.0
13.00	12	26	83	4	C40713.0
14.00	12	26	83	4	C40714.0
15.00	12	26	83	4	C40715.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	4	C40716.0
18.00	16	32	92	4	C40718.0
20.00	20	38	104	4	C40720.0
22.00	20	38	104	4	C40722.0
25.00	25	45	121	5	C40725.0
28.00	25	45	121	5	C40728.0
30.00	25	45	121	5	C40730.0
32.00	32	53	133	6	C40732.0
40.00	40	63	155	6	C40740.0

NEW
2008.09

primax



C908

NRA | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k12 | λ 35°

■ 1.3 1.4 1.5 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2

● 1.6 4.1 5.1 6.4 7.4

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	C9086.0
7.00	10	16	66	4	C9087.0
8.00	10	19	69	4	C9088.0
9.00	10	19	69	4	C9089.0
10.00	10	22	72	4	C90810.0
11.00	12	22	79	4	C90811.0
12.00	12	26	83	4	C90812.0
13.00	12	26	83	4	C90813.0
14.00	12	26	83	4	C90814.0
15.00	12	26	83	4	C90815.0

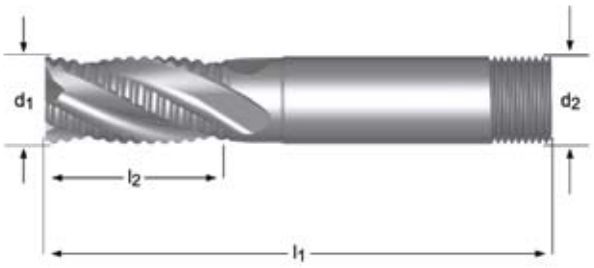
d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	4	C90816.0
18.00	16	32	92	4	C90818.0
20.00	20	38	104	4	C90820.0
22.00	20	38	104	4	C90822.0
25.00	25	45	121	6	C90825.0
28.00	25	45	121	6	C90828.0
30.00	25	45	121	6	C90830.0
32.00	32	53	133	6	C90832.0
36.00	32	53	133	6	C90836.0
40.00	40	63	155	6	C90840.0

C493

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax

NEW
2008.09

primax



C493

NRA | HSCo XP | DIN 844 K | DIN 1835 D | k12 | λ 30°

■ 1.2 1.3 6.2 6.3

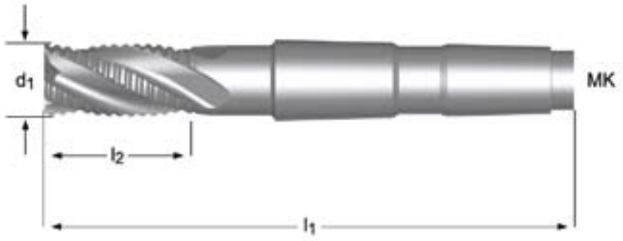
● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
8.00	10	19	69	4	**C4938.0**
10.00	10	22	72	4	**C49310.0**
12.00	12	26	83	4	**C49312.0**
14.00	12	26	83	4	**C49314.0**
16.00	16	32	92	4	**C49316.0**
18.00	16	32	92	4	**C49318.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
20.00	20	38	104	4	**C49320.0X20.0**
22.00	20	38	104	4	**C49322.0X20.0**
25.00	25	45	121	5	**C49325.0**
30.00	25	45	121	5	**C49330.0**
32.00	32	53	133	6	**C49332.0**

C475

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró kúpos szárral
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C475

■ 1.2 1.3 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
14.00	26	111	2	4	**C47514.0**
16.00	32	117	2	4	**C47516.0**
18.00	32	117	2	4	**C47518.0**
20.00	38	123	2	4	**C47520.0**
22.00	38	123	2	4	**C47522.0**
24.00	45	147	3	4	**C47524.0**
25.00	45	147	3	5	**C47525.0**
26.00	45	147	3	5	**C47526.0**
28.00	45	147	3	5	**C47528.0**
30.00	45	147	3	5	**C47530.0**

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
32.00	53	178	4	6	**C47532.0**
34.00	53	178	4	6	**C47534.0**
36.00	53	178	4	6	**C47536.0**
38.00	63	188	4	6	**C47538.0**
40.00	63	188	4	6	**C47540.0**
45.00	63	188	4	6	**C47545.0**
50.00	75	233	5	6	**C47550.0**

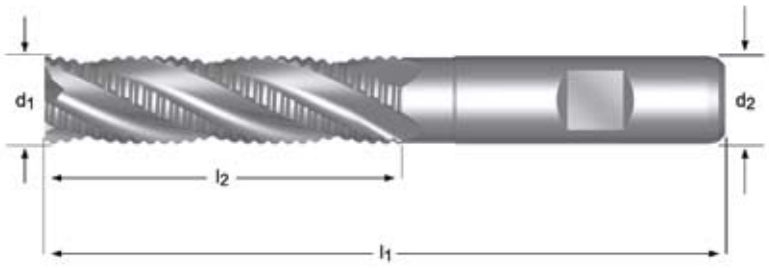
C944 / C948

DORMER

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax

NEW
2008.09

primax



C944

NRA | HSCo XP | DIN 844 L | DIN 1835 B | k12 | λ 35°

■ 1.3 1.4 1.5 2.1 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

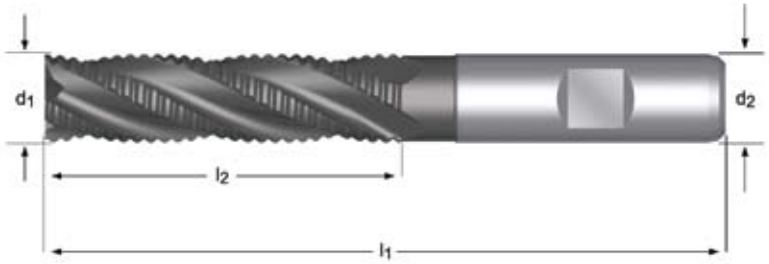
● 1.6 2.2 4.1 5.1 6.4

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	4	**C9446.0**
8.00	10	38	88	4	**C9448.0**
10.00	10	45	95	4	**C94410.0**
12.00	12	53	110	4	**C94412.0**
14.00	12	53	110	4	**C94414.0**
16.00	16	63	123	4	**C94416.0**
18.00	16	63	123	4	**C94418.0**
20.00	20	75	141	4	**C94420.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
22.00	20	75	141	4	**C94422.0**
25.00	25	90	166	6	**C94425.0**
30.00	25	90	166	6	**C94430.0**
32.00	32	106	186	6	**C94432.0**
40.00	40	125	217	6	**C94440.0** [1]
50.00	50	150	252	6	**C94450.0** [1]

NEW
2008.09

primax



C948

NRA | HSCo XP | Super G | DIN 844 L | DIN 1835 B | k12 | λ 35°

■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

● 4.1 5.1 6.4

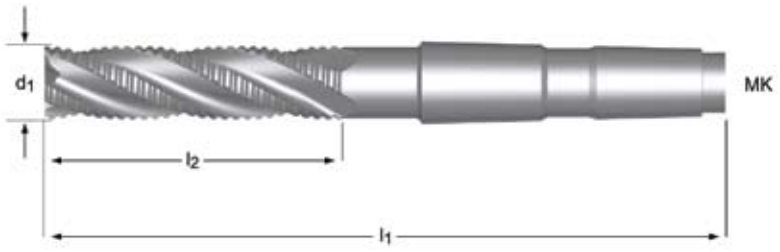
d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	24	68	4	**C9486.0**
8.00	10	38	88	4	**C9488.0**
10.00	10	45	95	4	**C94810.0**
12.00	12	53	110	4	**C94812.0**
14.00	12	53	110	4	**C94814.0**
16.00	16	63	123	4	**C94816.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
18.00	16	63	123	4	**C94818.0**
20.00	20	75	141	4	**C94820.0**
25.00	25	90	166	6	**C94825.0**
30.00	25	90	166	6	**C94830.0**
32.00	32	106	186	6	**C94832.0**

[1] HSCo

C477

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró kúpos szárral
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C477

■ 1.2 1.3 6.2 6.3

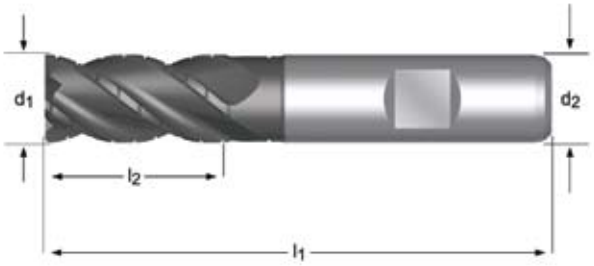
● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
16.00	63	148	2	4	**C47716.0**
20.00	75	160	2	4	**C47720.0**
25.00	90	192	3	5	**C47725.0**
30.00	90	192	3	5	**C47730.0**

d_1 Ø	l_2	l_1			
mm	mm	mm	MK	z	e-Code
36.00	106	231	4	6	**C47736.0**
40.00	125	250	4	6	**C47740.0**

C921

- Hrubovací frézy - Primax
- Freze cilindro-frontale pentru degrosare - Primax
- Nagyoló Ujjmaró - Primax
- Черновые концевые фрезы - Primax
- Frezy czolowo-walcowe do obróbki zgrubnej - Primax
- rezkar grobi - Primax



C921

FS | HSCo XP | Super G | DIN 844 K | DIN 1835 B | k10 | λ 45°

■ 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.2 7.4

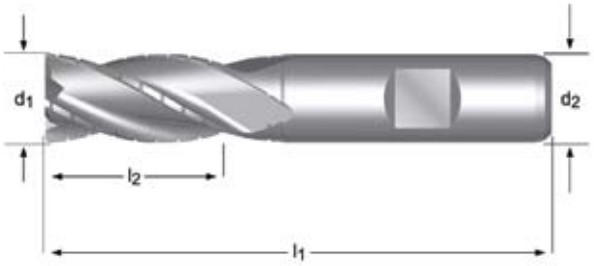
● 4.1 5.1 6.4

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	3	**C9216.0**
8.00	10	19	69	4	**C9218.0**
10.00	10	22	72	4	**C92110.0**
12.00	12	26	83	4	**C92112.0**
14.00	12	26	83	4	**C92114.0**
16.00	16	32	92	4	**C92116.0**
18.00	16	32	92	4	**C92118.0**
20.00	20	38	104	4	**C92120.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
22.00	20	38	104	5	**C92122.0**
25.00	25	45	121	5	**C92125.0**
28.00	25	45	121	6	**C92128.0**
30.00	25	45	121	6	**C92130.0**
32.00	32	53	133	6	**C92132.0**

C424 / C929

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C424

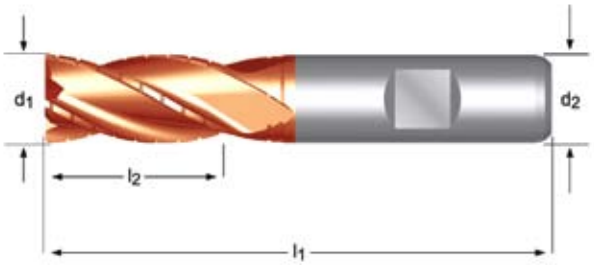
FS | HSCo XP | DIN 844 K | DIN 1835 B | k10 | λ 30°

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	C4246.0
7.00	10	16	66	4	C4247.0
8.00	10	19	69	4	C4248.0
9.00	10	19	69	4	C4249.0
10.00	10	22	72	4	C42410.0
11.00	12	22	79	4	C42411.0
12.00	12	26	83	4	C42412.0
13.00	12	26	83	4	C42413.0
14.00	12	26	83	4	C42414.0
15.00	12	26	83	4	C42415.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	4	C42416.0
18.00	16	32	92	4	C42418.0
20.00	20	38	104	4	C42420.0
22.00	20	38	104	5	C42422.0
25.00	25	45	121	5	C42425.0
28.00	25	45	121	6	C42428.0
30.00	25	45	121	6	C42430.0



C929

FS | HSCo XP | Super R | DIN 844 K | DIN 1835 B | k10 | λ 30°

■ 1.1 1.2 1.3 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

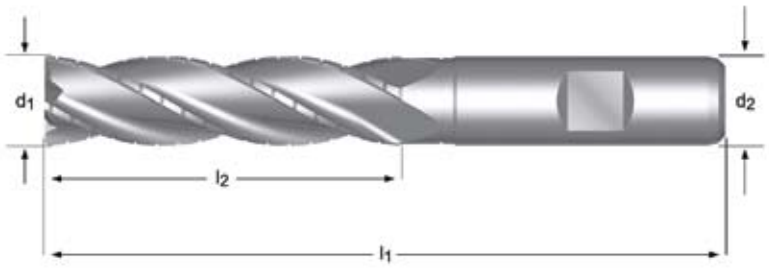
● 1.4 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	13	57	4	C9296.0
7.00	10	16	66	4	C9297.0
8.00	10	19	69	4	C9298.0
9.00	10	19	69	4	C9299.0
10.00	10	22	72	4	C92910.0
11.00	12	22	79	4	C92911.0
12.00	12	26	83	4	C92912.0
13.00	12	26	83	4	C92913.0
14.00	12	26	83	4	C92914.0
15.00	12	26	83	4	C92915.0

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	32	92	4	C92916.0
18.00	16	32	92	4	C92918.0
20.00	20	38	104	4	C92920.0
22.00	20	38	104	5	C92922.0
25.00	25	45	121	5	C92925.0
28.00	25	45	121	6	C92928.0
30.00	25	45	121	6	C92930.0

C439

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C439

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

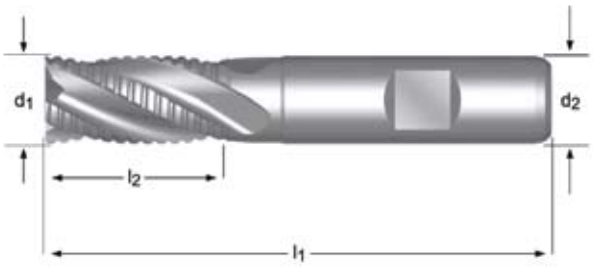
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	6	24	68	4	**C4396.0**
7.00	10	30	80	4	**C4397.0**
8.00	10	38	88	4	**C4398.0**
9.00	10	38	88	4	**C4399.0**
10.00	10	45	95	4	**C43910.0**
11.00	12	45	102	4	**C43911.0**
12.00	12	53	110	4	**C43912.0**
13.00	12	53	110	4	**C43913.0**
14.00	12	53	110	4	**C43914.0**
15.00	12	53	110	4	**C43915.0**

d_1 Ø mm	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	16	63	123	4	**C43916.0**
18.00	16	63	123	4	**C43918.0**
20.00	20	75	141	4	**C43920.0**
22.00	20	75	141	5	**C43922.0**
25.00	25	90	166	5	**C43925.0**
28.00	25	90	166	6	**C43928.0**
30.00	25	90	166	6	**C43930.0**

C400 / C413

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C400

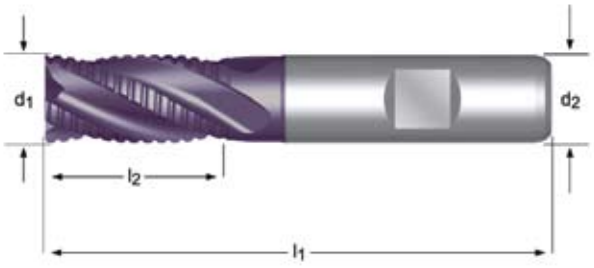
NF | HSCo | DIN 844 K | DIN 1835 B | k12 | λ 30°

■ 1.2 1.3 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
6.00	6	13	57	4	C4006.0
7.00	10	16	66	4	C4007.0
8.00	10	19	69	4	C4008.0
9.00	10	19	69	4	C4009.0
10.00	10	22	72	4	C40010.0
11.00	12	22	79	4	C40011.0
12.00	12	26	83	4	C40012.0
13.00	12	26	83	4	C40013.0
14.00	12	26	83	4	C40014.0
15.00	12	26	83	4	C40015.0
16.00	16	32	92	4	C40016.0
18.00	16	32	92	4	C40018.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
20.00	20	38	104	4	C40020.0
22.00	20	38	104	4	C40022.0
24.00	25	45	121	4	C40024.0
25.00	25	45	121	5	C40025.0
26.00	25	45	121	5	C40026.0
28.00	25	45	121	5	C40028.0
30.00	25	45	121	5	C40030.0
32.00	32	53	133	6	C40032.0
36.00	32	53	133	6	C40036.0
40.00	40	63	155	6	C40040.0
50.00	50	75	177	6	C40050.0



C413

NF | HSCo | TiCN | DIN 844 K | DIN 1835 B | k12 | λ 30°

■ 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.2 5.2 6.2 6.3

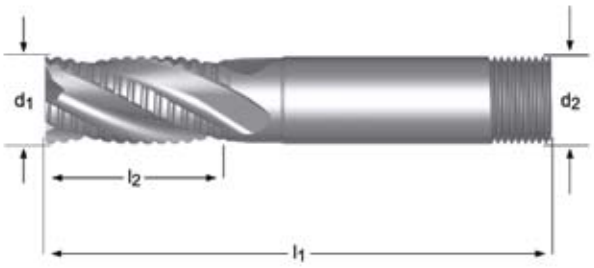
● 1.1 1.5 1.6 2.1 2.3 4.1 4.3 5.1 5.3 6.1 6.4 7.2 7.3 7.4 8.1

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
6.00	6	13	57	4	C4136.0
8.00	10	19	69	4	C4138.0
10.00	10	22	72	4	C41310.0
12.00	12	26	83	4	C41312.0
14.00	12	26	83	4	C41314.0
16.00	16	32	92	4	C41316.0
18.00	16	32	92	4	C41318.0
20.00	20	38	104	4	C41320.0

d1 Ø mm	d2 Ø mm	l2 mm	l1 mm	z	e-Code
22.00	20	38	104	4	C41322.0
25.00	25	45	121	5	C41325.0
28.00	25	45	121	5	C41328.0
30.00	25	45	121	5	C41330.0
32.00	32	53	133	6	C41332.0

C460

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C460

■ 1.2 1.3 6.2 6.3

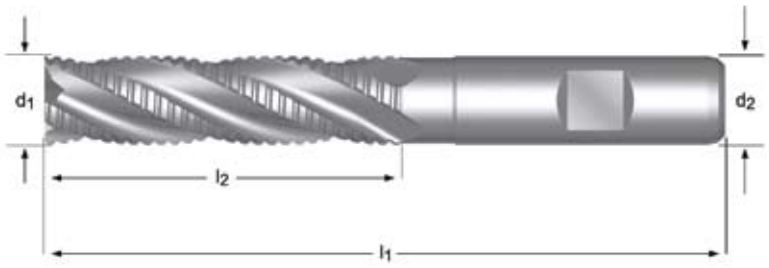
● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
6.00	6	13	57	4	**C4606.0**
8.00	10	19	69	4	**C4608.0**
10.00	10	22	72	4	**C46010.0**
12.00	12	26	83	4	**C46012.0**
14.00	12	26	83	4	**C46014.0**
16.00	16	32	92	4	**C46016.0**
18.00	16	32	92	4	**C46018.0**
20.00	16	38	98	4	**C46020.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
20.00	20	38	104	4	**C46020.0X20.0**
25.00	25	45	121	5	**C46025.0**
30.00	25	45	121	5	**C46030.0**
32.00	32	53	133	6	**C46032.0**
40.00	40	63	155	6	**C46040.0**
50.00	50	75	177	6	**C46050.0**

C403 / C429

- Hrubovací frézy
- Freze cilindro-frontale pentru degrosare
- Nagyoló Ujjmaró
- Черновые концевые фрезы
- Frezy czolowo-walcowe do obróbki zgrubnej
- rezkar grobi



C403

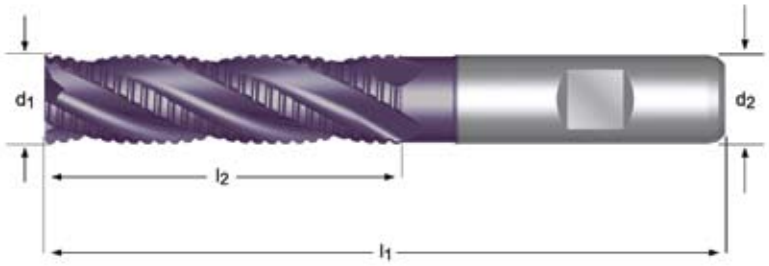
NF | HSCo | DIN 844 L | DIN 1835 B | k12 | λ 30°

■ 1.2 1.3 6.2 6.3

● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	45	95	4	**C40310.0**
12.00	12	53	110	4	**C40312.0**
14.00	12	53	110	4	**C40314.0**
16.00	16	63	123	4	**C40316.0**
18.00	16	63	123	4	**C40318.0**
20.00	20	75	141	4	**C40320.0**
22.00	20	75	141	4	**C40322.0**
25.00	25	90	166	5	**C40325.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
28.00	25	90	166	5	**C40328.0**
30.00	25	90	166	5	**C40330.0**
32.00	32	106	186	6	**C40332.0**
36.00	32	106	186	6	**C40336.0**
40.00	40	125	217	6	**C40340.0**
45.00	40	125	217	6	**C40345.0**
50.00	50	150	252	6	**C40350.0**



C429

NF | HSCo | TiCN | DIN 844 L | DIN 1835 B | k12 | λ 30°

■ 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.2 5.2 6.2 6.3

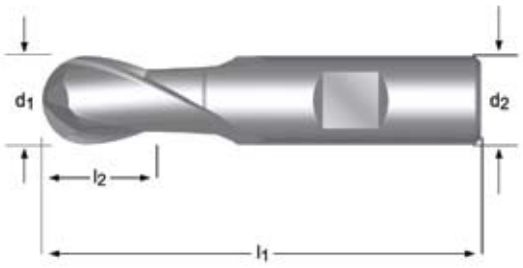
● 1.1 1.5 1.6 2.1 2.3 4.1 4.3 5.1 5.3 6.1 6.4 7.2 7.3 7.4 8.1

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
10.00	10	45	95	4	**C42910.0**
12.00	12	53	110	4	**C42912.0**
14.00	12	53	110	4	**C42914.0**
16.00	16	63	123	4	**C42916.0**
18.00	16	63	123	4	**C42918.0**
20.00	20	75	141	4	**C42920.0**

d_1 Ø	d_2 Ø	l_2	l_1		
mm	mm	mm	mm	z	e-Code
25.00	25	90	166	5	**C42925.0**
28.00	25	90	166	5	**C42928.0**
30.00	25	90	166	5	**C42930.0**
32.00	32	106	186	6	**C42932.0**

C500 / C503

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



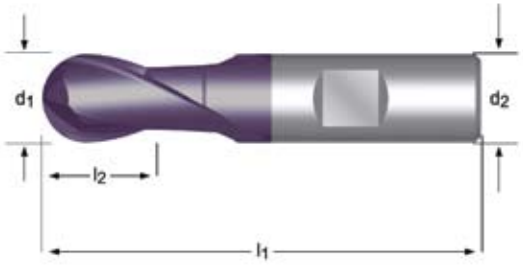
C500

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
2.00	1.0	6	4	48	2	**C5002.0**
3.00	1.5	6	5	49	2	**C5003.0**
4.00	2.0	6	7	51	2	**C5004.0**
5.00	2.5	6	8	52	2	**C5005.0**
6.00	3.0	6	8	52	2	**C5006.0**
7.00	3.5	10	10	60	2	**C5007.0**
8.00	4.0	10	11	61	2	**C5008.0**
9.00	4.5	10	11	61	2	**C5009.0**
10.00	5.0	10	13	63	2	**C50010.0**
11.00	5.5	12	13	70	2	**C50011.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
12.00	6.0	12	16	73	2	**C50012.0**
13.00	6.5	12	16	73	2	**C50013.0**
14.00	7.0	12	16	73	2	**C50014.0**
15.00	7.5	12	16	73	2	**C50015.0**
16.00	8.0	16	19	79	2	**C50016.0**
18.00	9.0	16	19	79	2	**C50018.0**
20.00	10.0	20	22	88	2	**C50020.0**
25.00	12.5	25	26	102	2	**C50025.0**



C503

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3

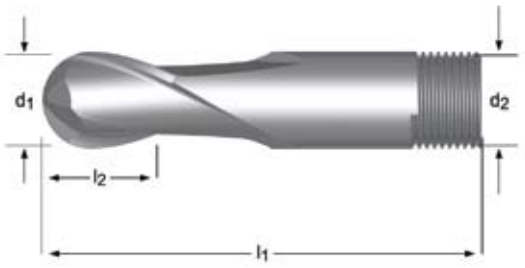
● 1.5 1.6 2.1 2.3 4.3 5.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
2.00	1.0	6	4	48	2	**C5032.0**
3.00	1.5	6	5	49	2	**C5033.0**
4.00	2.0	6	7	51	2	**C5034.0**
5.00	2.5	6	8	52	2	**C5035.0**
6.00	3.0	6	8	52	2	**C5036.0**
7.00	3.5	10	10	60	2	**C5037.0**
8.00	4.0	10	11	61	2	**C5038.0**
9.00	4.5	10	11	61	2	**C5039.0**
10.00	5.0	10	13	63	2	**C50310.0**
11.00	5.5	12	13	70	2	**C50311.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
12.00	6.0	12	16	73	2	**C50312.0**
13.00	6.5	12	16	73	2	**C50313.0**
14.00	7.0	12	16	73	2	**C50314.0**
15.00	7.5	12	16	73	2	**C50315.0**
16.00	8.0	16	19	79	2	**C50316.0**
18.00	9.0	16	19	79	2	**C50318.0**
20.00	10.0	20	22	88	2	**C50320.0**
25.00	12.5	25	26	102	2	**C50325.0**

C530

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



C530

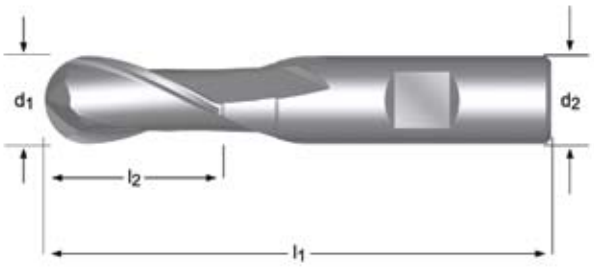
■ 1.1 1.2

● 1.3 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	r Inch	R	d_2 Ø Inch	l_2 mm	l_1 mm	z	e-Code
1/16	1.59	1/32	0.79	6.35 - 1/4	2.5	48.5	2	**C5301/16**
	2.00		1.00	6	3	49	2	**C5302.0**
3/32	2.38	3/64	1.19	6.35 - 1/4	4.5	51	2	**C5303/32**
	2.50		1.25	6	4.5	51	2	**C5302.5**
	3.00		1.50	6	7	51	2	**C5303.0**
1/8	3.18	1/16	1.59	6.35 - 1/4	7.0	51	2	**C5301/8**
5/32	3.97	5/64	1.98	6.35 - 1/4	9.5	52.5	2	**C5305/32**
	4.00		2.00	6	9.5	52.5	2	**C5304.0**
3/16	4.76	3/32	2.38	6.35 - 1/4	9.5	52.5	2	**C5303/16**
	5.00		2.50	6	9.5	52.5	2	**C5305.0**
	6.00		3.00	6	11	56.5	2	**C5306.0**
1/4	6.35	1/8	3.18	6.35 - 1/4	11	56.5	2	**C5301/4**
	7.00		3.50	10	11	58.5	2	**C5307.0**
5/16	7.94	5/32	3.97	9.53 - 3/8	12.5	59.5	2	**C5305/16**
	8.00		4.00	10	12.5	59.5	2	**C5308.0**
3/8	9.53	3/16	4.76	9.53 - 3/8	14.5	60.5	2	**C5303/8**
	10.00		5.00	10	14.5	60.5	2	**C53010.0**
	12.00		6.00	12	19	66.5	2	**C53012.0**
1/2	12.70	1/4	6.35	12.7 - 1/2	19	66.5	2	**C5301/2**
	14.00		7.00	12	22	68.5	2	**C53014.0**
5/8	15.88	5/16	7.94	15.88 - 5/8	22	72	2	**C5305/8**
	16.00		8.00	16	22	72	2	**C53016.0**
	18.00		9.00	16	24	74	2	**C53018.0**
3/4	19.05	3/8	9.53	15.88 - 5/8	25.5	77	2	**C5303/4**
	20.00		10.00	25	25.5	77	2	**C53020.0**
	22.00		11.00	25	25.5	100	2	**C53022.0**
7/8	22.23	7/16	11.11	25.4 - 1.	25.5	100	2	**C5307/8**
	24.00		12.00	25	25.5	103	2	**C53024.0**
	25.00		12.50	25	28.5	97	2	**C53025.0**
1	25.40	1/2	12.70	25.4 - 1.	27	95	2	**C5301**
	26.00		13.00	25	28.5	97	2	**C53026.0**
	28.00		14.00	25	30	95	2	**C53028.0**
1.1/8	28.58	9/16	14.29	25.4 - 1.	30	95	2	**C5301.1/8**
	30.00		15.00	25	30	93.5	2	**C53030.0**
1.1/4	31.75	5/8	15.88	31.75 - 1.1/4	35	117.5	2	**C5301.1/4X1.1/4**
	32.00		16.00	25	36.5	100	2	**C53032.0**
1.3/8	34.93	11/16	17.46	31.75 - 1.1/4	39.5	111	2	**C5301.3/8X1.1/4**
1.1/2	38.10	3/4	19.05	31.75 - 1.1/4	43	114.5	2	**C5301.1/2X1.1/4**

C505

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



C505

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

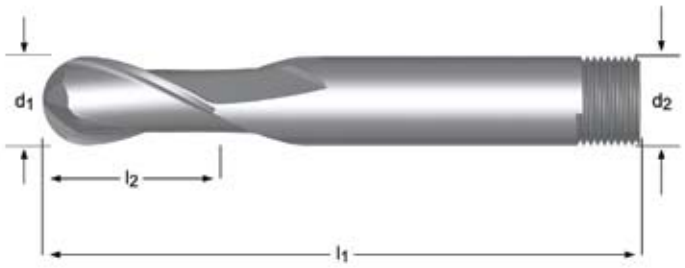
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
3.00	1.5	6	8	52	2	**C5053.0**
4.00	2.0	6	11	55	2	**C5054.0**
5.00	2.5	6	13	57	2	**C5055.0**
6.00	3.0	6	13	57	2	**C5056.0**
7.00	3.5	10	16	66	2	**C5057.0**
8.00	4.0	10	19	69	2	**C5058.0**
9.00	4.5	10	19	69	2	**C5059.0**
10.00	5.0	10	22	72	2	**C50510.0**
12.00	6.0	12	26	83	2	**C50512.0**
14.00	7.0	12	26	83	2	**C50514.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
16.00	8.0	16	32	92	2	**C50516.0**
18.00	9.0	16	32	92	2	**C50518.0**
20.00	10.0	20	38	104	2	**C50520.0**
22.00	11.0	20	38	104	2	**C50522.0**
25.00	12.5	25	45	121	2	**C50525.0**
28.00	14.0	25	45	121	2	**C50528.0**
30.00	15.0	25	45	121	2	**C50530.0**

C535

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



C535

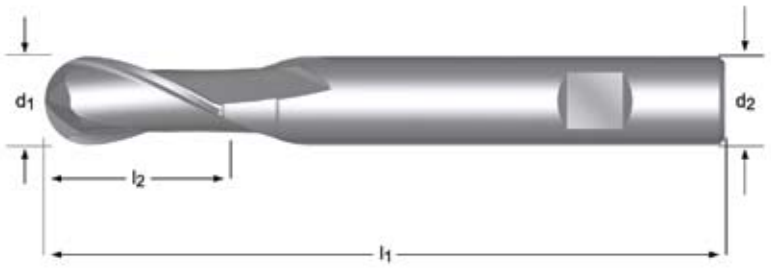
■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø Inch	d_1 Ø mm	r Inch	R	d_2 Ø Inch	l_2 mm	l_1 mm	z	e-Code
	3.00		1.50	6	11	60.5	2	**C5353.0**
1/8	3.18	1/16	1.59	6.35 - 1/4	11	63.5	2	**C5351/8**
	4.00		2.00	6	12.5	66.5	2	**C5354.0**
	5.00		2.50	6	12.5	70	2	**C5355.0**
	6.00		3.00	6	16	76	2	**C5356.0**
	8.00		4.00	10	19	79.5	2	**C5358.0**
	10.00		5.00	10	22	82.5	2	**C53510.0**
	12.00		6.00	12	25.5	95	2	**C53512.0**
	16.00		8.00	16	31.5	108	2	**C53516.0**
	20.00		10.00	25	38	120.5	2	**C53520.0**

C511

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



C511

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

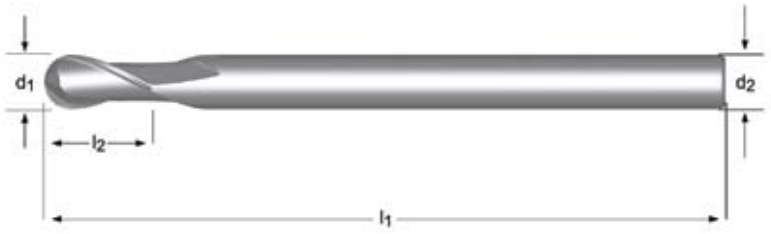
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
3.00	1.5	6	12	56	2	**C5113.0**
4.00	2.0	6	19	63	2	**C5114.0**
5.00	2.5	6	24	68	2	**C5115.0**
6.00	3.0	6	24	68	2	**C5116.0**
8.00	4.0	10	38	88	2	**C5118.0**
10.00	5.0	10	45	95	2	**C51110.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
12.00	6.0	12	53	110	2	**C51112.0**
14.00	7.0	12	53	110	2	**C51114.0**
16.00	8.0	16	63	123	2	**C51116.0**
18.00	9.0	16	63	123	2	**C51118.0**
20.00	10.0	20	75	141	2	**C51120.0**
25.00	12.5	25	90	166	2	**C51125.0**

C502

- Kopírovací frézy
- Freze de copiere
- Gravírmaró
- Сферические концевые фрезы, сверхдлинное исполнение для копировальных работ
- Frezy do kopiowania
- rezkar kopirni



C502

■ 1.1 1.2 4.1 5.1 6.1 6.2 6.3

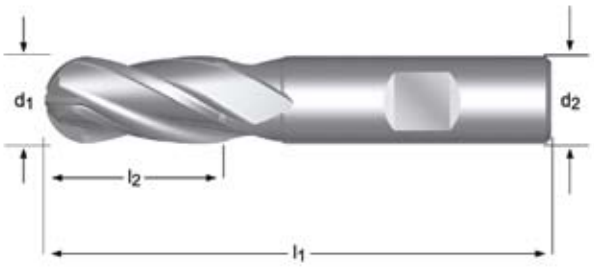
● 1.3 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
6.00	3.0	6	13	180	2	**C5026.0**
8.00	4.0	8	19	180	2	**C5028.0**
10.00	5.0	10	22	200	2	**C50210.0**
12.00	6.0	12	26	200	2	**C50212.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
16.00	8.0	16	32	200	2	**C50216.0**

C514

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



C514

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

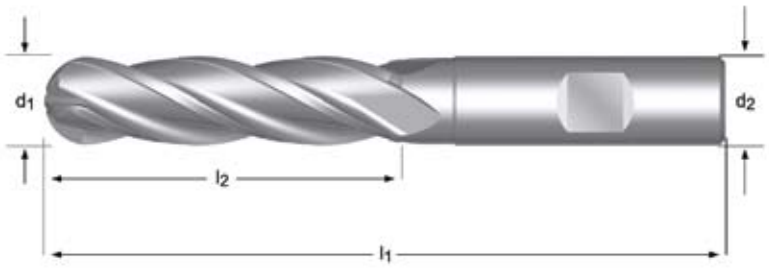
● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
6.00	3.0	6	13	57	4	**C5146.0**
8.00	4.0	10	19	69	4	**C5148.0**
10.00	5.0	10	22	72	4	**C51410.0**
12.00	6.0	12	26	83	4	**C51412.0**
14.00	7.0	12	26	83	4	**C51414.0**
16.00	8.0	16	32	92	4	**C51416.0**

d_1 Ø		d_2 Ø	l_2	l_1		
mm	R	mm	mm	mm	z	e-Code
20.00	10.0	20	38	104	4	**C51420.0**
25.00	12.5	25	45	121	4	**C51425.0**
32.00	16.0	32	53	133	4	**C51432.0**

C510 / C516

- Kopírovací frézy
- Gömbvégű Ujjmaró
- Frezy kuliste
- Freze cu cap sferic
- Сферические концевые фрезы
- rezkar krogelni



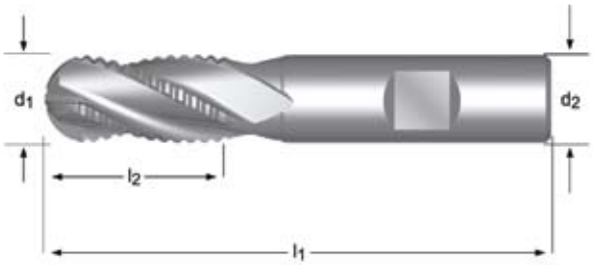
C510

■ 1.1 1.2 1.3 4.1 5.1 6.1 6.2 6.3

● 1.4 2.1 3.1 3.2 3.3 3.4 4.2 5.2 7.1 7.2 7.3 8.1

d_1 Ø mm	R	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
6.00	3.0	6	24	68	4	**C5106.0**
8.00	4.0	10	38	88	4	**C5108.0**
10.00	5.0	10	45	95	4	**C51010.0**
12.00	6.0	12	53	110	4	**C51012.0**

d_1 Ø mm	R	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
16.00	8.0	16	63	123	4	**C51016.0**
20.00	10.0	20	75	141	4	**C51020.0**
25.00	12.5	25	90	166	6	**C51025.0**
32.00	16.0	32	106	186	6	**C51032.0**



C516

■ 1.2 1.3 6.2 6.3

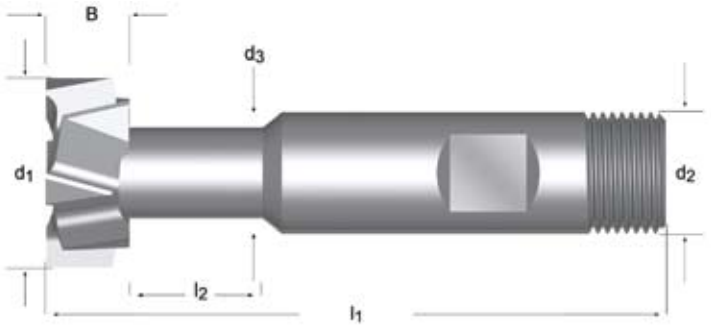
● 1.1 1.4 2.1 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 7.2 7.3 8.1

d_1 Ø mm	R	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
10.00	5.0	10	22	72	4	**C51610.0**
12.00	6.0	12	26	83	4	**C51612.0**
14.00	7.0	12	26	83	4	**C51614.0**
16.00	8.0	16	32	92	4	**C51616.0**

d_1 Ø mm	R	d_2 Ø mm	l_2 mm	l_1 mm	z	e-Code
20.00	10.0	20	38	104	4	**C51620.0**
25.00	12.5	25	45	121	4	**C51625.0**
32.00	16.0	32	53	133	4	**C51632.0**

C800

- Frézy T-drážky
- Freze canal T
- ”T” horonymaró
- Фрезы для обработки Т-образных пазов
- Frezy do rowków teowych
- rezkar T-utorni



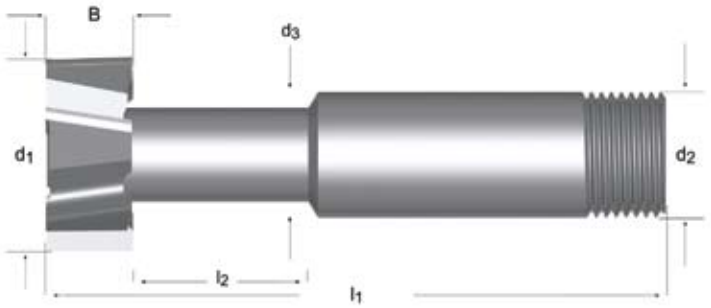
C800

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 10.1

d_1 Ø mm	B	T DIN650	d_3 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
11.00	4.0	5	4	6.5	53.5	10	6	**C80011.0X5.0**
12.50	6.0	6	5	7	57.0	10	6	**C80012.5X6.0**
16.00	8.0	8	7	10	62.0	10	6	**C80016.0X8.0**
18.00	8.0	10	8	13	70.0	12	6	**C80018.0X10.0**
21.00	9.0	12	10	16	74.0	12	6	**C80021.0X12.0**
25.00	11.0	14	12	17	82.0	16	8	**C80025.0X14.0**
32.00	14.0	18	15	22	90.0	16	8	**C80032.0X18.0**
40.00	18.0	22	19	27	108.0	25	8	**C80040.0X22.0**
50.00	22.0	28	25	34	124.0	32	8	**C80050.0X28.0**

C810

- Frézy T-drážky
- Freze canal T
- ”T” horonymaró
- Фрезы для обработки Т-образных пазов
- Frezy do rowków teowych
- rezkar T-utorni



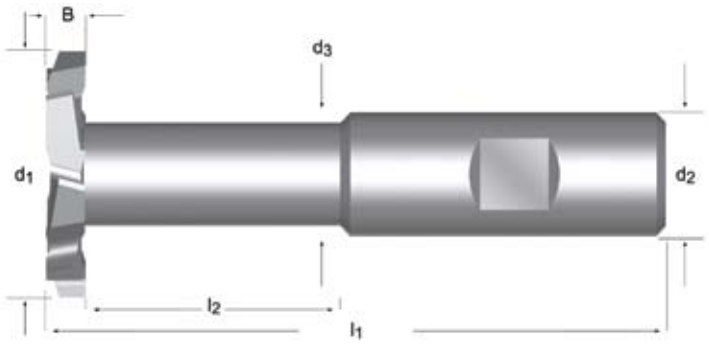
C810

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 10.1

d_1 Ø mm	B	d_1 Ø Inch	T DIN650	d_3 Ø mm	l_2 mm	l_1 mm	d_2 Ø mm	z	e-Code
12.50	6.00		6.0	5.00	11	57.0	10.0	6	**C8106.0**
14.68	6.35	37/64 x 1/4	1/4	6.35	14	60.5	12.7 - 1/2	6	**C8101/4**
16.00	8.00		8.0	7.00	13	61.0	10.0	6	**C8108.0**
17.86	7.94	45/64 x 5/16	5/16	7.15	17	65.0	12.7 - 1/2	6	**C8105/16**
18.00	8.00		10.0	8.00	17	65.0	12.0	6	**C81010.0**
21.00	9.00		12.0	10.00	20	69.0	12.0	6	**C81012.0**
21.03	9.13	53/64 x 23/64	3/8	8.75	19	68.5	12.7 - 1/2	6	**C8103/8**
24.21	10.72	61/64 x 27/64	7/16	9.50	22	73.0	12.7 - 1/2	6	**C8107/16**
25.00	11.00		14.0	12.00	23	79.0	16.0	6	**C81014.0**
27.38	11.91	1.5/64 x 15/32	1/2	11.90	24	76.0	12.7 - 1/2	6	**C8101/2**
28.00	12.00		16.0	13.00	23	76.0	16.0	6	**C81016.0**
33.73	14.68	1.21/64 x 37/64	5/8	14.30	30	101.5	25.4 - 1.	8	**C8105/8**
32.00	14.00		18.0	15.00	27	98.0	25.0	8	**C81018.0**
36.00	16.00		20.0	17.00	30	100.0	25.0	8	**C81020.0**
38.50	17.46	1.33/64 x 11/16	3/4	17.45	35	109.5	25.4 - 1.	8	**C8103/4**
40.00	18.00		22.0	19.00	33	108.0	25.0	8	**C81022.0**
43.26	20.24	1.45/64 x 51/64	7/8	20.65	40	117.5	25.4 - 1.	8	**C8107/8**
49.61	23.02	1.61/64 x 29/32	1“	23.80	47	127.0	25.4 - 1.	8	**C8101**

C825

- Frézy T-drážky
- Freze canal T
- ”T” horonymaró
- Фрезы для обработки Т-образных пазов
- Frezy do rowków teowych
- rezkar T-utorni



C825

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

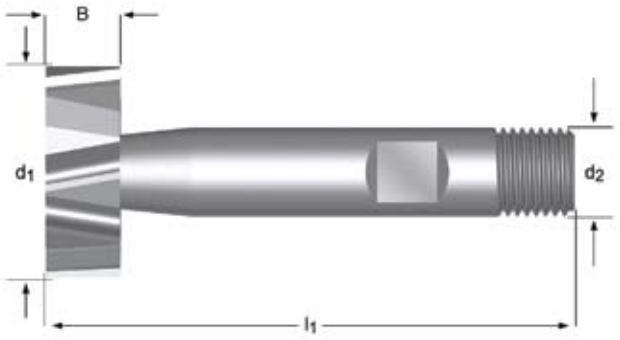
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

d_1 Ø		d_3 Ø	l_2	l_1	d_2 Ø		
mm	B	mm	mm	mm	mm	z	e-Code
40.00	3	19.2	46	100	20	8	**C8253.0X40.0**
40.00	4	19.2	45	100	20	8	**C8254.0X40.0**
40.00	5	19.2	44	100	20	8	**C8255.0X40.0**
40.00	6	19.2	43	100	20	8	**C8256.0X40.0**
40.00	8	19.2	41	100	20	8	**C8258.0X40.0**
40.00	10	19.2	39	100	20	8	**C82510.0X40.0**
63.00	6	24.2	67	130	25	12	**C8256.0X63.0**
63.00	8	24.2	65	130	25	12	**C8258.0X63.0**

d_1 Ø		d_3 Ø	l_2	l_1	d_2 Ø		
mm	B	mm	mm	mm	mm	z	e-Code
63.00	10	24.2	63	130	25	12	**C82510.0X63.0**
63.00	12	24.2	61	130	25	12	**C82512.0X63.0**
63.00	14	24.2	59	130	25	12	**C82514.0X63.0**
63.00	16	24.2	57	130	25	12	**C82516.0X63.0**
63.00	18	24.2	55	130	25	12	**C82518.0X63.0**

C822

- Frézy pro drážky Woodruff
- Freze canale pene disc
- Reteszhorony maró
- Грибковые фрезы
- Frezy do rowków na wpusty
- rezkar T-utorni



C822

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

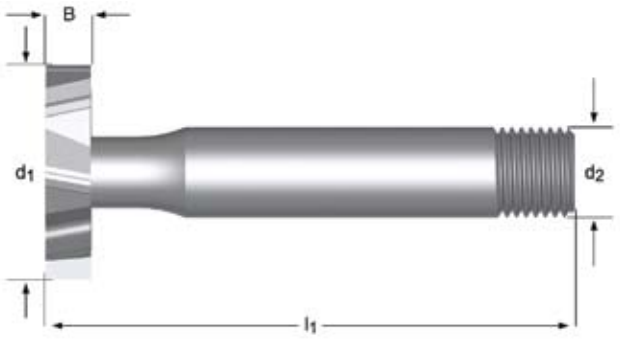
d_1 Ø mm	B	d_2 Ø mm	l_1 mm	z	e-Code
4.50	1.0	6	50.0	6	**C8224.5X1.0**
7.50	1.5	6	50.0	6	**C8227.5X1.5**
7.50	2.0	6	50.0	6	**C8227.5X2.0**
10.50	2.0	6	50.0	8	**C82210.5X2.0**
10.50	2.5	6	50.0	8	**C82210.5X2.5**
10.50	3.0	6	50.0	8	**C82210.5X3.0**
13.50	3.0	10	56.0	8	**C82213.5X3.0**
13.50	4.0	10	56.0	8	**C82213.5X4.0**
16.50	3.0	10	56.0	8	**C82216.5X3.0**
16.50	4.0	10	56.0	8	**C82216.5X4.0**
16.50	5.0	10	56.0	8	**C82216.5X5.0**
19.50	3.0	10	63.0	6	**C82219.5X3.0**

d_1 Ø mm	B	d_2 Ø mm	l_1 mm	z	e-Code
19.50	4.0	10	63.0	10	**C82219.5X4.0**
19.50	5.0	10	63.0	10	**C82219.5X5.0**
22.50	5.0	10	63.0	10	**C82222.5X5.0**
22.50	6.0	10	63.0	10	**C82222.5X6.0**
22.50	8.0	10	63.0	10	**C82222.5X8.0**
25.50	6.0	10	63.0	12	**C82225.5X6.0**
28.50	6.0	10	63.0	12	**C82228.5X6.0**
28.50	8.0	10	63.0	12	**C82228.5X8.0**
28.50	10.0	12	71.0	12	**C82228.5X10.0**
32.50	8.0	12	71.0	12	**C82232.5X8.0**
32.50	10.0	12	71.0	12	**C82232.5X10.0**
45.50	10.0	12	71.0	12	**C82245.5X10.0**

C820

DORMER

- Frézy pro drážky Woodruff
- Freze canale pene disc
- Reteszhorony maró
- Грибковые фрезы
- Frezy do rowków na wpusty
- rezkar T-utorni



C820

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

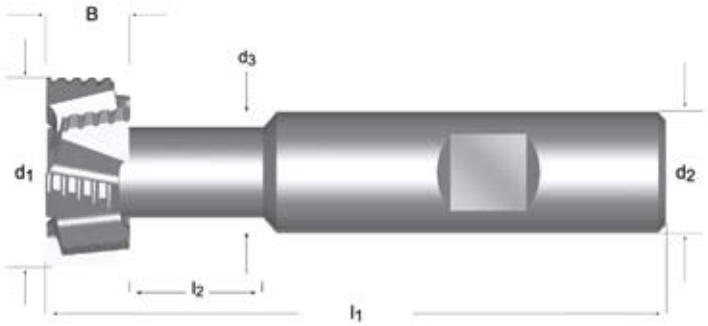
Nr.	d_1 Ø mm	B	d_1 Ø Inch	B	d_2 Ø mm	l_1 mm	z	e-Code
	10.50	2.00			12	57.0	6	**C82010.5X2.0**
	10.50	2.50			12	57.0	6	**C82010.5X2.5**
	10.50	3.00			12	57.0	6	**C82010.5X3.0**
204	12.70	1.59	1/2	1/16	12.7-1/2	57.0	6	**C820204**
304	12.70	2.38	1/2	3/32	12.7-1/2	57.0	6	**C820304**
404	12.70	3.18	1/2	1/8	12.7-1/2	57.0	6	**C820404**
	13.50	2.00			12	57.0	6	**C82013.5X2.0**
	13.50	2.50			12	57.0	6	**C82013.5X2.5**
	13.50	3.00			12	57.0	6	**C82013.5X3.0**
	13.50	4.00			12	57.0	6	**C82013.5X4.0**
305	15.88	2.38	5/8	3/32	12.7-1/2	57.0	6	**C820305**
405	15.88	3.18	5/8	1/8	12.7-1/2	57.0	6	**C820405**
505	15.88	3.97	5/8	5/32	12.7-1/2	57.0	6	**C820505**
	16.50	2.50			12	57.0	6	**C82016.5X2.5**
	16.50	3.00			12	57.0	6	**C82016.5X3.0**
	16.50	4.00			12	57.0	6	**C82016.5X4.0**
	16.50	5.00			12	57.0	6	**C82016.5X5.0**
406	19.05	3.18	3/4	1/8	12.7-1/2	57.0	6	**C820406**
506	19.05	3.97	3/4	5/32	12.7-1/2	57.0	6	**C820506**
606	19.05	4.76	3/4	3/16	12.7-1/2	57.0	6	**C820606**
	19.50	3.00			12	57.0	6	**C82019.5X3.0**
	19.50	4.00			12	57.0	6	**C82019.5X4.0**
	19.50	5.00			12	57.0	6	**C82019.5X5.0**
507	22.23	3.97	7/8	5/32	12.7-1/2	63.5	8	**C820507**
607	22.23	4.76	7/8	3/16	12.7-1/2	63.5	8	**C820607**
707	22.23	5.56	7/8	7/32	12.7-1/2	63.5	8	**C820707**
807	22.23	6.35	7/8	1/4	12.7-1/2	63.5	8	**C820807**
	22.50	4.00			12	63.5	8	**C82022.5X4.0**
	22.50	5.00			12	63.5	8	**C82022.5X5.0**
	22.50	6.00			12	63.5	8	**C82022.5X6.0**
608	25.40	4.76	1“	3/16	12.7-1/2	70.0	8	**C820608**
708	25.40	5.56	1“	7/32	12.7-1/2	70.0	8	**C820708**
808	25.40	6.35	1“	1/4	12.7-1/2	70.0	8	**C820808**
1008	25.40	7.94	1“	5/16	12.7-1/2	70.0	8	**C8201008**
	25.50	5.00			12	70.0	8	**C82025.5X5.0**
	25.50	6.00			12	70.0	8	**C82025.5X6.0**
	25.50	7.00			12	70.0	8	**C82025.5X7.0**
	25.50	8.00			12	70.0	8	**C82025.5X8.0**
	28.50	5.00			12	70.0	8	**C82028.5X5.0**
	28.50	6.00			12	70.0	8	**C82028.5X6.0**
	28.50	7.00			12	70.0	8	**C82028.5X7.0**
	28.50	8.00			12	70.0	8	**C82028.5X8.0**
609	28.58	4.76	1.1/8	3/16	12.7-1/2	70.0	8	**C820609**
709	28.58	5.56	1.1/8	7/32	12.7-1/2	70.0	8	**C820709**

C820

Nr.	d_1 Ø mm	B	d_1 Ø Inch	B	d_2 Ø mm	l_1 mm	z	e-Code
809	28.58	6.35	1.1/8	1/4	12.7-1/2	70.0	8	**C820809**
1009	28.58	7.94	1.1/8	5/16	12.7-1/2	70.0	8	**C8201009**
610	31.75	4.76	1.1/4	3/16	12.7-1/2	70.0	8	**C820610**
710	31.75	5.56	1.1/4	7/32	12.7-1/2	70.0	8	**C820710**
810	31.75	6.35	1.1/4	1/4	12.7-1/2	70.0	8	**C820810**
1010	31.75	7.94	1.1/4	5/16	12.7-1/2	70.0	8	**C8201010**
1210	31.75	9.53	1.1/4	3/8	12.7-1/2	70.0	8	**C8201210**
	32.50	5.00			12	70.0	10	**C82032.5X5.0**
	32.50	6.00			12	70.0	10	**C82032.5X6.0**
	32.50	7.00			12	70.0	10	**C82032.5X7.0**
	32.50	8.00			12	70.0	10	**C82032.5X8.0**
811	34.93	6.35	1.3/8	1/4	12.7-1/2	76.0	10	**C820811**
1011	34.93	7.94	1.3/8	5/16	12.7-1/2	76.0	10	**C8201011**
1211	34.93	9.53	1.3/8	3/8	12.7-1/2	76.0	10	**C8201211**
	35.50	6.00			12	76.0	10	**C82035.5X6.0**
	35.50	7.00			12	76.0	10	**C82035.5X7.0**
	35.50	8.00			12	76.0	10	**C82035.5X8.0**
	35.50	9.00			12	76.0	10	**C82035.5X9.0**
812	38.10	6.35	1.1/2	1/4	12.7-1/2	76.0	10	**C820812**
1012	38.10	7.94	1.1/2	5/16	12.7-1/2	76.0	10	**C8201012**
1212	38.10	9.53	1.1/2	3/8	12.7-1/2	76.0	10	**C8201212**
	38.50	7.00			12	76.0	10	**C82038.5X7.0**
	38.50	8.00			12	76.0	10	**C82038.5X8.0**
	38.50	9.00			12	76.0	10	**C82038.5X9.0**
	38.50	10.00			12	76.0	10	**C82038.5X10.0**
	45.50	10.00			12	76.0	12	**C82045.5X10.0**

C801

- Frézy T-drážky
- Freze canal T
- ”T” horonymaró
- Фрезы для обработки Т-образных пазов
- Frezy do rowków teowych
- rezkar T-utorni



C801

NF | HSCo | DIN 851 | DIN 1835 B | d11 | λ 12°

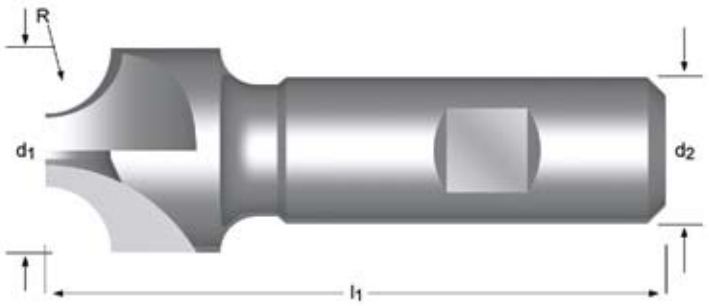
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 10.1

d_1 Ø		T	d_3 Ø	l_2	l_1	d_2 Ø		
mm	B	DIN650	mm	mm	mm	mm	z	e-Code
16.0	8.0	8	7	10	62	10	6	**C80116.0X8.0**
18.0	8.0	10	8	13	70	12	6	**C80118.0X10.0**
21.0	9.0	12	10	16	74	12	6	**C80121.0X12.0**
25.0	11.0	14	12	17	82	16	8	**C80125.0X14.0**

d_1 Ø		T	d_3 Ø	l_2	l_1	d_2 Ø		
mm	B	DIN650	mm	mm	mm	mm	z	e-Code
32.0	14.0	18	15	22	90	16	8	**C80132.0X18.0**

C700 / C710

- Tvarové frézy radiusové
- Rádiuszmaró
- Frezy do zaokraglen
- Freze pentru rotunjit muchii
- Концевая фреза для снятия радиусных фасок
- rezkar konkavni



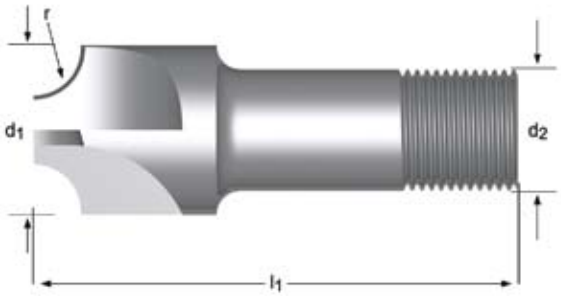
C700

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4

● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

R	d_2 Ø mm	d_1 Ø mm	l_1 mm	z	e-Code
1.00	10	10	60	4	C7001.0
1.50	10	10	60	4	C7001.5
2.00	10	10	60	4	C7002.0
2.50	10	10	60	4	C7002.5
3.00	12	12	60	4	C7003.0
3.50	12	12	60	4	C7003.5
4.00	12	15	60	4	C7004.0
5.00	16	18	70	4	C7005.0
6.00	16	21	70	4	C7006.0
7.00	16	24	70	4	C7007.0

R	d_2 Ø mm	d_1 Ø mm	l_1 mm	z	e-Code
8.00	16	24	70	4	C7008.0
9.00	20	28	85	4	C7009.0
10.00	20	28	85	4	C70010.0
12.00	20	35	100	4	C70012.0
12.50	20	35	100	4	C70012.5
14.00	25	42	100	4	C70014.0
15.00	25	48	105	5	C70015.0
16.00	25	48	105	5	C70016.0
18.00	32	52	115	5	C70018.0
20.00	32	60	115	6	C70020.0



C710

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4

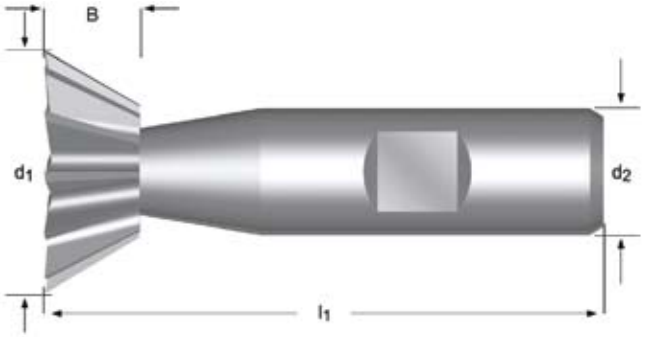
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

r Inch	d_2 Ø mm	d_1 Ø Inch	l_1 mm	z	e-Code
1/16	9.53 - 3/8	3/8	60.5	4	C7101/16
3/32	9.53 - 3/8	7/16	60.5	4	C7103/32
1/8	12.7 - 1/2	1/2	60.5	4	C7101/8
5/32	12.7 - 1/2	9/16	60.5	4	C7105/32
3/16	15.88 - 5/8	5/8	60.5	4	C7103/16
7/32	15.88 - 5/8	3/4	63.5	4	C7107/32

r Inch	d_2 Ø mm	d_1 Ø Inch	l_1 mm	z	e-Code
1/4	15.88 - 5/8	7/8	63.5	4	C7101/4
5/16	25.4 - 1.	1“	73.0	4	C7105/16
3/8	25.4 - 1.	1.1/16	76.0	4	C7103/8
7/16	25.4 - 1.	1.3/16	79.5	4	C7107/16
1/2	25.4 - 1.	1.3/8	82.5	4	C7101/2

C830

- Rybinovité frézy
- Freze coada de randunica
- Szögmaró
- Грибковые фрезы для обработки пазов типа “ласточкин хвост”
- Frezy do rowków trapezowych
- rezkar lastovičji rep



C830

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

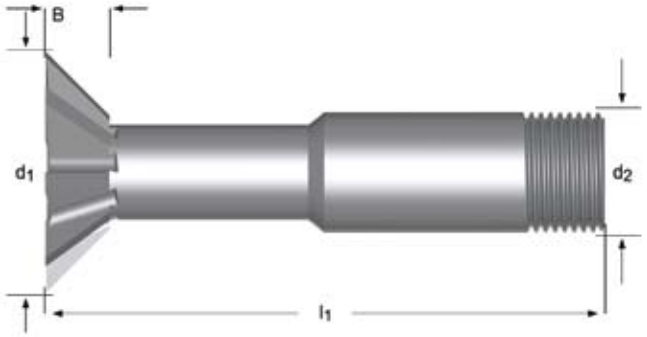
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

a ▷	d_1 Ø mm	B	l_1 mm	d_2 Ø mm	z	e-Code
45°	12.0	3.5	54	10	10	**C83012.0X45**
45°	16.0	4.0	60	12	10	**C83016.0X45**
45°	20.0	5.0	63	12	10	**C83020.0X45**
45°	25.0	6.3	67	12	10	**C83025.0X45**
45°	32.0	8.0	71	16	12	**C83032.0X45**
60°	12.0	5.0	54	10	10	**C83012.0X60**

a ▷	d_1 Ø mm	B	l_1 mm	d_2 Ø mm	z	e-Code
60°	16.0	6.3	60	12	10	**C83016.0X60**
60°	20.0	8.0	63	12	10	**C83020.0X60**
60°	25.0	10.0	67	12	10	**C83025.0X60**
60°	32.0	12.5	71	16	12	**C83032.0X60**

C837 / C835

- Rybinovité frézy
- Szögmaró
- Frezy do rowków trapezowych
- Freze coada de randunica
- Грибковые фрезы для обработки пазов типа “ласточкин хвост”
- rezkar lastovičji rep



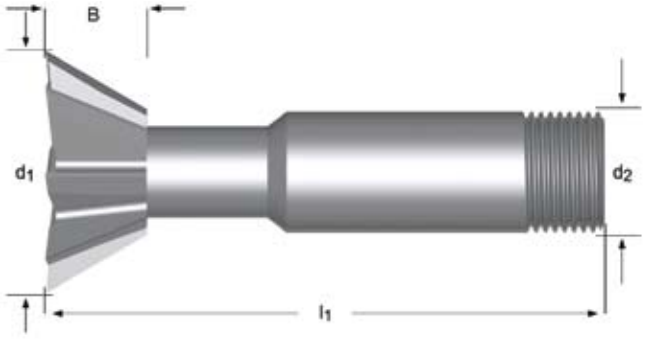
C837

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

● 1.5 1.6 2.3 4.3 5.3 6.4

a ▷	d_1 Ø mm	d_1 Ø Inch	B	l_1 mm	d_2 Ø Inch	z	e-Code
45°	13.00		3.0	63.5	12	6	C83713.0
45°	15.88	5/8	4.0	66.5	1/2	6	C8375/8
45°	16.00		4.0	66.5	12	6	C83716.0
45°	19.00		5.5	66.5	12	6	C83719.0
45°	19.05	3/4	5.5	66.5	1/2	6	C8373/4
45°	22.00		6.5	68.5	12	6	C83722.0
45°	22.23	7/8	6.5	68.5	1/2	6	C8377/8
45°	25.00		7.5	70.0	12	6	C83725.0

a ▷	d_1 Ø mm	d_1 Ø Inch	B	l_1 mm	d_2 Ø Inch	z	e-Code
45°	25.40	1“	8.0	70.0	1/2	6	C8371
45°	28.00		8.5	71.5	16	6	C83728.0
45°	31.75	1.1/4	8.5	74.5	5/8	8	C8371.1/4
45°	32.00		8.5	74.5	16	8	C83732.0
45°	34.93	1.3/8	9.5	78.0	1	8	C8371.3/8
45°	35.00		9.5	78.0	25	8	C83735.0
45°	38.00		10.5	78.5	25	8	C83738.0
45°	38.10	1.1/2	10.5	78.5	1	8	C8371.1/2



C835

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

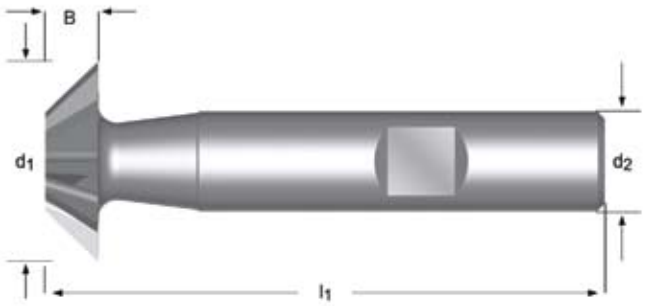
● 1.5 1.6 2.3 4.3 5.3 6.4

a ▷	d_1 Ø mm	d_1 Ø Inch	B	l_1 mm	d_2 Ø Inch	z	e-Code
60°	12.70	1/2	4.0	63.5	1/2	6	C8351/2
60°	13.00		4.0	63.5	12	6	C83513.0
60°	15.88	5/8	5.5	66.5	1/2	6	C8355/8
60°	16.00		5.5	66.5	1/2	6	C83516.0
60°	19.00		7.0	67.5	12	6	C83519.0
60°	19.05	3/4	7.0	67.5	1/2	6	C8353/4
60°	22.00		9.5	67.5	12	6	C83522.0
60°	22.23	7/8	9.5	67.5	1/2	6	C8357/8
60°	25.00		12.0	70.0	12	6	C83525.0
60°	25.40	1“	12.0	70.0	1/2	6	C8351

a ▷	d_1 Ø mm	d_1 Ø Inch	B	l_1 mm	d_2 Ø Inch	z	e-Code
60°	28.00		12.5	73.0	16	6	C83528.0
60°	28.58	1.1/8	12.5	73.0	5/8	6	C8351.1/8
60°	32.00		13.5	74.5	16	8	C83532.0
60°	31.75	1.1/4	13.5	74.5	5/8	8	C8351.1/4
60°	34.93	1.3/8	14.5	82.5	1	8	C8351.3/8
60°	35.00		14.5	82.5	25	8	C83535.0
60°	38.00		16.0	84.0	25	8	C83538.0
60°	38.10	1.1/2	16.0	84.0	1	8	C8351.1/2

C831

- Fréza rybinovitá inverzní
- Freza unghiulara
- Inverz Szögmaró
- Грибковые фрезы для обработки пазов типа “ обратный ласточкин хвост”
- Frez przeciwstawny do rowków trapezowych
- rezkar lastovičji rep



C831

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

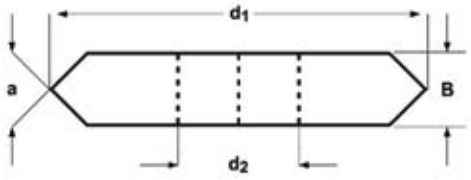
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

a	d_1 Ø		l_1	d_2 Ø		
▷	mm	B	mm	mm	z	e-Code
45°	12.0	3.5	54	10	10	**C83112.0X45**
45°	16.0	4.0	60	12	10	**C83116.0X45**
45°	20.0	5.0	63	12	10	**C83120.0X45**
45°	25.0	6.3	67	12	10	**C83125.0X45**
45°	32.0	8.0	71	16	12	**C83132.0X45**
60°	12.0	5.0	54	10	10	**C83112.0X60**

a	d_1 Ø		l_1	d_2 Ø		
▷	mm	B	mm	mm	z	e-Code
60°	16.0	6.3	60	12	10	**C83116.0X60**
60°	20.0	8.0	63	12	10	**C83120.0X60**
60°	25.0	10.0	67	12	10	**C83125.0X60**
60°	32.0	12.5	71	16	12	**C83132.0X60**

D500

- Úhlové frézy
- Kétoldalas Szimmetrikus Szögmaró
- Frezy stozkowe równo-ramienne
- Freze unghiulare biconice
- Угловые насадные фрезы
- rezkar nasadni, enako kotni



D500

N | HSCo | DIN 847 | js16 | λ 0°

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

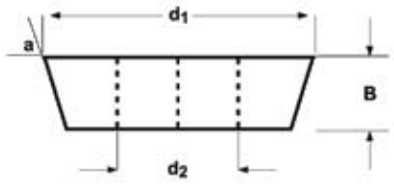
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

d_1 Ø mm	a ▷	B	d_2 Ø mm	z	e-Code
50	45°	8	16	16	**D50050.0X45**
63	45°	10	22	16	**D50063.0X45**
80	45°	12	27	18	**D50080.0X45**
50	60°	10	16	16	**D50050.0X60**
63	60°	14	22	16	**D50063.0X60**
80	60°	18	27	18	**D50080.0X60**

d_1 Ø mm	a ▷	B	d_2 Ø mm	z	e-Code
50	90°	14	16	16	**D50050.0X90**
63	90°	20	22	16	**D50063.0X90**
80	90°	22	27	18	**D50080.0X90**

D552

- Nástrčná fréza úhlová
- Freza unghiulara conica
- Egyoldalas Szögmaró
- Угловая насадная концевая фреза
- Frez katowy czolowo-walcowy nasadzany
- rezkar nasadni, kotni



D552

N | HSCo | DIN 842 | js16 | λ 0°

■ 1.1 1.2 1.3 1.4 2.1 2.2 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

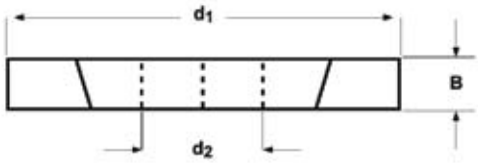
● 1.5 1.6 2.3 4.3 5.3 6.4 10.1

d_1 Ø mm	a ▷	B	d_2 Ø mm	z	e-Code
50	45°	13	13	16	**D55250.0X45**
63	45°	18	16	18	**D55263.0X45**
80	45°	22	22	20	**D55280.0X45**
63	60°	20	16	18	**D55263.0X60**

d_1 Ø mm	a ▷	B	d_2 Ø mm	z	e-Code
80	60°	25	22	20	**D55280.0X60**
100	60°	32	27	22	**D552100.0X60**
125	60°	40	32	24	**D552125.0X60**
160	60°	50	40	28	**D552160.0X60**

D763

- Fréza čelní a stranová
- Freza cilindro-frontala
- Keresztfogazású tárcsamaró
- Трехсторонняя дисковая фреза
- Frez tarczowy trzystronny
- žaga krožna



D763

N | HSCo | DIN 885 A | js16 | λ 15°

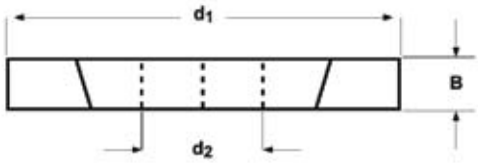
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
63	1.6	22	32	**D76363.0X1.6**
63	2.0	22	32	**D76363.0X2.0**
63	2.5	22	32	**D76363.0X2.5**
63	3.0	22	28	**D76363.0X3.0**
63	3.5	22	28	**D76363.0X3.5**
80	2.0	27	36	**D76380.0X2.0**
80	2.5	27	36	**D76380.0X2.5**
80	3.0	27	32	**D76380.0X3.0**
80	3.5	27	32	**D76380.0X3.5**
100	2.0	32	44	**D763100.0X2.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100	2.5	32	44	**D763100.0X2.5**
100	3.0	32	40	**D763100.0X3.0**
100	3.5	32	40	**D763100.0X3.5**
125	2.0	32	44	**D763125.0X2.0**
125	2.5	32	44	**D763125.0X2.5**
125	3.0	32	44	**D763125.0X3.0**
125	3.5	32	40	**D763125.0X3.5**
125	4.0	32	40	**D763125.0X4.0**

D200

- Fréza čelní a stranová
- Freza cilindro-frontala
- Keresztfogazású tárcsamaró
- Трехсторонняя дисковая фреза
- Frez tarczowy trzystronny
- żaga krožna



D200

N | HSCo | DIN 885 A | js16 | λ 15°

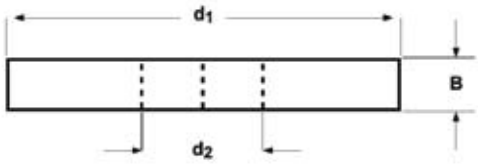
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
50.00	4.0	16	16	**D20050.0X4.0**
50.00	5.0	16	16	**D20050.0X5.0**
50.00	6.0	16	16	**D20050.0X6.0**
50.00	8.0	16	16	**D20050.0X8.0**
50.00	10.0	16	16	**D20050.0X10.0**
63.00	4.0	22	18	**D20063.0X4.0**
63.00	5.0	22	18	**D20063.0X5.0**
63.00	6.0	22	18	**D20063.0X6.0**
63.00	8.0	22	18	**D20063.0X8.0**
63.00	10.0	22	18	**D20063.0X10.0**
63.00	12.0	22	18	**D20063.0X12.0**
63.00	14.0	22	18	**D20063.0X14.0**
63.00	16.0	22	18	**D20063.0X16.0**
80.00	4.0	27	20	**D20080.0X4.0**
80.00	5.0	27	20	**D20080.0X5.0**
80.00	6.0	27	20	**D20080.0X6.0**
80.00	8.0	27	20	**D20080.0X8.0**
80.00	10.0	27	20	**D20080.0X10.0**
80.00	12.0	27	20	**D20080.0X12.0**
80.00	14.0	27	20	**D20080.0X14.0**
80.00	16.0	27	20	**D20080.0X16.0**
80.00	20.0	27	20	**D20080.0X20.0**
100.00	4.0	32	24	**D200100.0X4.0**
100.00	5.0	32	24	**D200100.0X5.0**
100.00	6.0	32	24	**D200100.0X6.0**
100.00	8.0	32	22	**D200100.0X8.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	10.0	32	22	**D200100.0X10.0**
100.00	12.0	32	20	**D200100.0X12.0**
100.00	14.0	32	20	**D200100.0X14.0**
100.00	16.0	32	20	**D200100.0X16.0**
100.00	18.0	32	20	**D200100.0X18.0**
100.00	20.0	32	20	**D200100.0X20.0**
100.00	25.0	32	20	**D200100.0X25.0**
125.00	6.0	32	26	**D200125.0X6.0**
125.00	8.0	32	26	**D200125.0X8.0**
125.00	10.0	32	24	**D200125.0X10.0**
125.00	12.0	32	22	**D200125.0X12.0**
125.00	14.0	32	22	**D200125.0X14.0**
125.00	16.0	32	22	**D200125.0X16.0**
125.00	20.0	32	22	**D200125.0X20.0**
125.00	25.0	32	22	**D200125.0X25.0**
160.00	8.0	40	28	**D200160.0X8.0**
160.00	10.0	40	26	**D200160.0X10.0**
160.00	12.0	40	26	**D200160.0X12.0**
160.00	14.0	40	24	**D200160.0X14.0**
160.00	16.0	40	24	**D200160.0X16.0**
160.00	18.0	40	24	**D200160.0X18.0**
160.00	20.0	40	24	**D200160.0X20.0**
200.00	12.0	40	30	**D200200.0X12.0**
200.00	16.0	40	30	**D200200.0X16.0**
200.00	20.0	40	30	**D200200.0X20.0**

D747

- Pilky kotoučové
- Fém körfűrész
- Frezy pilkowe do metalu
- Freze disc
- Фреза дисковая отрезная
- žaga krožna



D747

■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
32	0.3	8	80	**D74732.0X.3**
32	0.4	8	80	**D74732.0X.4**
32	0.5	8	80	**D74732.0X.5**
32	0.6	8	64	**D74732.0X.6**
32	0.8	8	64	**D74732.0X.8**
32	1.0	8	64	**D74732.0X1.0**
32	1.2	8	48	**D74732.0X1.2**
32	1.5	8	48	**D74732.0X1.5**
32	1.6	8	48	**D74732.0X1.6**
32	2.0	8	48	**D74732.0X2.0**
32	2.5	8	40	**D74732.0X2.5**
32	3.0	8	40	**D74732.0X3.0**
40	0.3	10	100	**D74740.0X.3**
40	0.4	10	100	**D74740.0X.4**
40	0.5	10	80	**D74740.0X.5**
40	0.6	10	80	**D74740.0X.6**
40	0.8	10	80	**D74740.0X.8**
40	1.0	10	64	**D74740.0X1.0**
40	1.2	10	64	**D74740.0X1.2**
40	1.5	10	64	**D74740.0X1.5**
40	1.6	10	64	**D74740.0X1.6**
40	2.0	10	48	**D74740.0X2.0**
40	2.5	10	48	**D74740.0X2.5**
40	3.0	10	48	**D74740.0X3.0**
50	0.3	13	128	**D74750.0X.3**
50	0.4	13	100	**D74750.0X.4**
50	0.5	13	100	**D74750.0X.5**
50	0.6	13	100	**D74750.0X.6**
50	0.8	13	80	**D74750.0X.8**
50	1.0	13	80	**D74750.0X1.0**
50	1.2	13	80	**D74750.0X1.2**
50	1.5	13	64	**D74750.0X1.5**
50	1.6	13	64	**D74750.0X1.6**
50	2.0	13	64	**D74750.0X2.0**
50	2.5	13	64	**D74750.0X2.5**
50	3.0	13	48	**D74750.0X3.0**
50	4.0	13	48	**D74750.0X4.0**
50	5.0	13	48	**D74750.0X5.0**
50	6.0	13	40	**D74750.0X6.0**
63	0.3	16	128	**D74763.0X.3**
63	0.4	16	128	**D74763.0X.4**
63	0.5	16	128	**D74763.0X.5**
63	0.6	16	100	**D74763.0X.6**
63	0.8	16	100	**D74763.0X.8**
63	1.0	16	100	**D74763.0X1.0**
63	1.2	16	80	**D74763.0X1.2**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
63	1.5	16	80	**D74763.0X1.5**
63	1.6	16	80	**D74763.0X1.6**
63	2.0	16	80	**D74763.0X2.0**
63	2.5	16	64	**D74763.0X2.5**
63	3.0	16	64	**D74763.0X3.0**
63	4.0	16	64	**D74763.0X4.0**
63	5.0	16	48	**D74763.0X5.0**
63	6.0	16	48	**D74763.0X6.0**
80	0.4	22	160	**D74780.0X.4**
80	0.5	22	128	**D74780.0X.5**
80	0.6	22	128	**D74780.0X.6**
80	0.8	22	128	**D74780.0X.8**
80	1.0	22	100	**D74780.0X1.0**
80	1.2	22	100	**D74780.0X1.2**
80	1.5	22	100	**D74780.0X1.5**
80	1.6	22	100	**D74780.0X1.6**
80	2.0	22	80	**D74780.0X2.0**
80	2.5	22	80	**D74780.0X2.5**
80	3.0	22	80	**D74780.0X3.0**
80	4.0	22	64	**D74780.0X4.0**
80	5.0	22	64	**D74780.0X5.0**
80	6.0	22	64	**D74780.0X6.0**
100	0.5	22	160	**D747100.0X.5**
100	0.6	22	160	**D747100.0X.6**
100	0.8	22	128	**D747100.0X.8**
100	1.0	22	128	**D747100.0X1.0**
100	1.2	22	128	**D747100.0X1.2**
100	1.5	22	100	**D747100.0X1.5**
100	1.6	22	100	**D747100.0X1.6**
100	2.0	22	100	**D747100.0X2.0**
100	2.5	22	100	**D747100.0X2.5**
100	3.0	22	80	**D747100.0X3.0**
100	4.0	22	80	**D747100.0X4.0**
100	5.0	22	80	**D747100.0X5.0**
100	6.0	22	64	**D747100.0X6.0**
125	1.0	22	160	**D747125.0X1.0**
125	1.2	22	128	**D747125.0X1.2**
125	1.5	22	128	**D747125.0X1.5**
125	1.6	22	128	**D747125.0X1.6**
125	2.0	22	128	**D747125.0X2.0**
125	2.5	22	100	**D747125.0X2.5**
125	3.0	22	100	**D747125.0X3.0**
125	4.0	22	100	**D747125.0X4.0**
125	5.0	22	80	**D747125.0X5.0**
125	6.0	22	80	**D747125.0X6.0**
160	1.0	32	160	**D747160.0X1.0**

D747

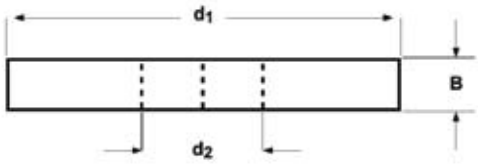
DORMER

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
160	1.2	32	160	**D747160.0X1.2**
160	1.5	32	160	**D747160.0X1.5**
160	1.6	32	160	**D747160.0X1.6**
160	2.0	32	128	**D747160.0X2.0**
160	2.5	32	128	**D747160.0X2.5**
160	3.0	32	128	**D747160.0X3.0**
160	4.0	32	100	**D747160.0X4.0**
160	5.0	32	100	**D747160.0X5.0**
160	6.0	32	100	**D747160.0X6.0**
200	1.0	32	200	**D747200.0X1.0**
200	1.2	32	200	**D747200.0X1.2**
200	1.5	32	160	**D747200.0X1.5**
200	1.6	32	160	**D747200.0X1.6**
200	2.0	32	160	**D747200.0X2.0**
200	2.5	32	160	**D747200.0X2.5**
200	3.0	32	128	**D747200.0X3.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
200	4.0	32	128	**D747200.0X4.0**
200	5.0	32	128	**D747200.0X5.0**
200	6.0	32	100	**D747200.0X6.0**
250	2.0	32	200	**D747250.0X2.0**
250	2.5	32	160	**D747250.0X2.5**
250	3.0	32	160	**D747250.0X3.0**
250	4.0	32	160	**D747250.0X4.0**
250	5.0	32	128	**D747250.0X5.0**
250	6.0	32	128	**D747250.0X6.0**
315	2.5	40	200	**D747315.0X2.5**
315	3.0	40	200	**D747315.0X3.0**
315	4.0	40	160	**D747315.0X4.0**
315	5.0	40	160	**D747315.0X5.0**
315	6.0	40	160	**D747315.0X6.0**

D745

- Pilky kotoučové
- Fém körfűrész
- Frezy pilkowe do metalu
- Freze disc
- Фреза дисковая отрезная
- žaga krožna



D745

HSS | DIN 1838

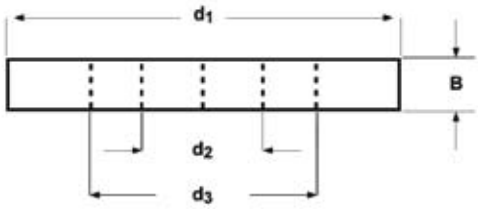
■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
50	0.5	13	48	**D74550.0X.5**
50	0.6	13	48	**D74550.0X.6**
50	0.8	13	50	**D74550.0X.8**
50	1.0	13	40	**D74550.0X1.0**
50	1.2	13	40	**D74550.0X1.2**
50	1.5	13	32	**D74550.0X1.5**
50	1.6	13	32	**D74550.0X1.6**
50	2.0	13	32	**D74550.0X2.0**
50	2.5	13	32	**D74550.0X2.5**
50	3.0	13	24	**D74550.0X3.0**
63	0.5	16	64	**D74563.0X.5**
63	0.6	16	48	**D74563.0X.6**
63	0.8	16	48	**D74563.0X.8**
63	1.0	16	48	**D74563.0X1.0**
63	1.2	16	40	**D74563.0X1.2**
63	1.5	16	40	**D74563.0X1.5**
63	1.6	16	40	**D74563.0X1.6**
63	2.0	16	40	**D74563.0X2.0**
63	2.5	16	32	**D74563.0X2.5**
63	3.0	16	32	**D74563.0X3.0**
80	0.5	22	64	**D74580.0X.5**
80	0.6	22	64	**D74580.0X.6**
80	0.8	22	64	**D74580.0X.8**
80	1.0	22	48	**D74580.0X1.0**
80	1.2	22	48	**D74580.0X1.2**
80	1.5	22	48	**D74580.0X1.5**
80	1.6	22	48	**D74580.0X1.6**
80	2.0	22	40	**D74580.0X2.0**
80	2.5	22	40	**D74580.0X2.5**
80	3.0	22	40	**D74580.0X3.0**
80	4.0	22	32	**D74580.0X4.0**
80	5.0	22	32	**D74580.0X5.0**
80	6.0	22	32	**D74580.0X6.0**
100	0.5	22	80	**D745100.0X.5**
100	0.6	22	80	**D745100.0X.6**
100	0.8	22	64	**D745100.0X.8**
100	1.0	22	64	**D745100.0X1.0**
100	1.2	22	64	**D745100.0X1.2**
100	1.5	22	48	**D745100.0X1.5**
100	1.6	22	48	**D745100.0X1.6**
100	2.0	22	48	**D745100.0X2.0**
100	2.5	22	48	**D745100.0X2.5**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100	3.0	22	40	**D745100.0X3.0**
100	4.0	22	40	**D745100.0X4.0**
100	5.0	22	40	**D745100.0X5.0**
100	6.0	22	32	**D745100.0X6.0**
125	1.0	22	80	**D745125.0X1.0**
125	1.2	22	64	**D745125.0X1.2**
125	1.5	22	64	**D745125.0X1.5**
125	1.6	22	64	**D745125.0X1.6**
125	2.0	22	64	**D745125.0X2.0**
125	2.5	22	48	**D745125.0X2.5**
125	3.0	22	48	**D745125.0X3.0**
125	4.0	22	48	**D745125.0X4.0**
125	5.0	22	40	**D745125.0X5.0**
125	6.0	22	40	**D745125.0X6.0**
160	1.0	32	80	**D745160.0X1.0**
160	1.2	32	80	**D745160.0X1.2**
160	1.5	32	80	**D745160.0X1.5**
160	1.6	32	80	**D745160.0X1.6**
160	2.0	32	64	**D745160.0X2.0**
160	2.5	32	64	**D745160.0X2.5**
160	3.0	32	64	**D745160.0X3.0**
160	4.0	32	48	**D745160.0X4.0**
160	5.0	32	48	**D745160.0X5.0**
160	6.0	32	48	**D745160.0X6.0**
200	1.0	32	100	**D745200.0X1.0**
200	1.2	32	100	**D745200.0X1.2**
200	1.5	32	80	**D745200.0X1.5**
200	1.6	32	80	**D745200.0X1.6**
200	2.0	32	80	**D745200.0X2.0**
200	2.5	32	80	**D745200.0X2.5**
200	3.0	32	64	**D745200.0X3.0**
200	4.0	32	64	**D745200.0X4.0**
200	5.0	32	64	**D745200.0X5.0**
200	6.0	32	48	**D745200.0X6.0**
250	2.0	32	80	**D745250.0X2.0**
250	2.5	32	80	**D745250.0X2.5**
250	3.0	32	80	**D745250.0X3.0**
250	4.0	32	80	**D745250.0X4.0**
250	5.0	32	64	**D745250.0X5.0**
250	6.0	32	64	**D745250.0X6.0**
315	2.5	40	100	**D745315.0X2.5**
315	3.0	40	100	**D745315.0X3.0**

D750 / D751

- Pilky kotoučové
- Freze disc
- Fém körfűrész
- Фреза дисковая отрезная
- Frezy pilkowe do metalu
- žaga krožna



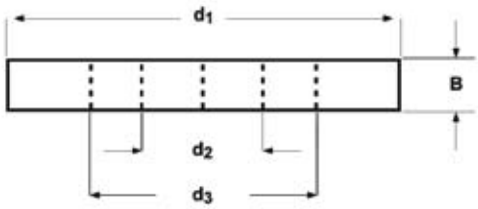
D750

HSS ST DIN 1837

■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
200	1.8	32	128	5	95	**D750200.0X1.8**
225	2.0	32	140	5	95	**D750225.0X2.0**
250	2.0	32	160	5	95	**D750250.0X2.0**
275	2.5	32	180	5	105	**D750275.0X2.5**

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
300	2.5	32	180	5	105	**D750300.0X2.5**
315	2.5	32	200	5	105	**D750315.0X2.5**
350	2.5	32	220	5	110	**D750350.0X2.5**



D751

HSS ST DIN 1837

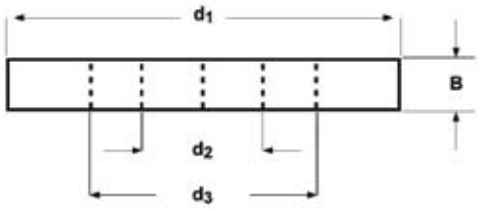
■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
200	1.8	32	160	4	95	**D751200.0X1.8X160**
200	1.8	32	200	3	95	**D751200.0X1.8X200**
225	2.0	32	180	4	95	**D751225.0X2.0X180**
225	2.0	32	220	3	95	**D751225.0X2.0X220**
250	2.0	32	200	4	95	**D751250.0X2.0X200**
250	2.0	32	250	3	95	**D751250.0X2.0X250**
275	2.5	32	220	4	105	**D751275.0X2.5X220**
275	2.5	32	280	3	105	**D751275.0X2.5X280**

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
300	2.5	32	220	4	105	**D751300.0X2.5X220**
300	2.5	32	300	3	105	**D751300.0X2.5X300**
315	2.5	32	240	4	105	**D751315.0X2.5X240**
315	2.5	32	320	3	105	**D751315.0X2.5X320**
350	2.5	32	280	4	110	**D751350.0X2.5X280**
350	2.5	32	350	3	110	**D751350.0X2.5X350**

D752 / D753

- Pilky kotoučové
- Freze disc
- Fém körfűrész
- Фреза дисковая отрезная
- Frezy pilkowe do metalu
- žaga krožna



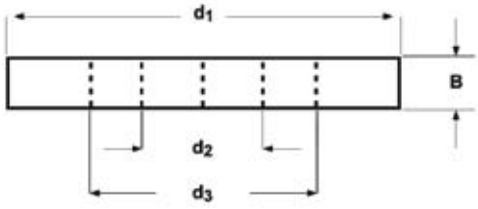
D752

HSS ST DIN 1837

■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
200	1.8	32	80	8	95	**D752200.0X1.8X80**
200	1.8	32	100	6	95	**D752200.0X1.8X100**
225	2.0	32	90	8	95	**D752225.0X2.0X90**
225	2.0	32	120	6	95	**D752225.0X2.0X120**
250	2.0	32	128	6	95	**D752250.0X2.0X128**
275	2.5	32	110	8	105	**D752275.0X2.5X110**

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
300	2.5	32	160	6	105	**D752300.0X2.5X160**
315	2.5	32	160	6	105	**D752315.0X2.5X160**
350	2.5	32	180	6	110	**D752350.0X2.5X180**



D753

HSS ST DIN 1838

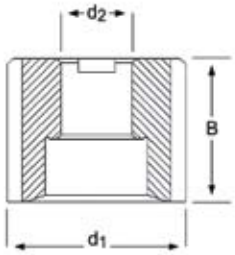
■ 1.1 1.2 1.3 2.1 3.1 3.2 3.3 4.1 4.2 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 8.1

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
250	2.0	32	100	8	95	**D753250.0X2.0**
300	2.5	32	120	8	105	**D753300.0X2.5**

d_1 Ø mm	B	d_2 Ø mm	z	P mm	d_3 Ø mm	e-Code
315	2.5	32	120	8	105	**D753315.0X2.5**
350	2.5	32	140	8	110	**D753350.0X2.5**

D400 / D420

- Nástrčné frézy
- Feltűzhető Páncélmaró
- Frezy nasadzane czolowo-walcowe
- Freze cilindrice cu alezaj
- Насадные концевые фрезы
- rezkar nasadni



D400

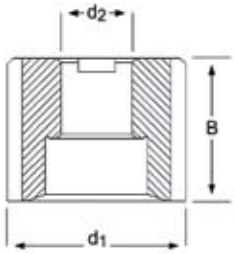
N | HSCo | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 2.1 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1 6.2 6.3 7.2 7.3

● 1.5 1.6 2.2 4.2 4.3 5.2 5.3 6.4 7.1 7.4 8.1 8.2 8.3 10.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	8	**D40040.0**
50.00	36	22	8	**D40050.0**
63.00	40	27	8	**D40063.0**
80.00	45	27	10	**D40080.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	12	**D400100.0**



D420

N | HSCo | TiCN | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.1 10.1

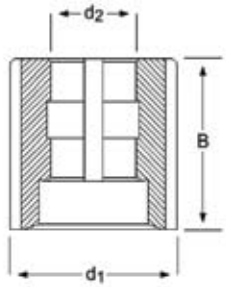
● 7.1 8.2 8.3

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	8	**D42040.0**
50.00	36	22	8	**D42050.0**
63.00	40	27	8	**D42063.0**
80.00	45	27	10	**D42080.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	12	**D420100.0**

D413 / D401

- Nástrčné frézy
- Feltűzhető Páncélmaró
- Frezy nasadzane czolowo-walcowe
- Freze cilindrice cu alezaj
- Насадные концевые фрезы
- rezkar nasadni



D413

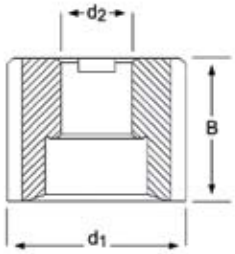
N | HSCo | DIN 841 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 2.1 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1 6.2 6.3 7.2 7.3

● 1.5 1.6 2.2 4.2 4.3 5.2 5.3 6.4 7.1 7.4 8.1 8.2 8.3 10.1

d_1 Ø mm	B	d_2 Øh$_7$ mm	z	e-Code
35.00	35	16	6	**D41335.0**
40.00	40	16	6	**D41340.0**

d_1 Ø mm	B	d_2 Øh$_7$ mm	z	e-Code
50.00	50	22	6	**D41350.0**
60.00	60	27	8	**D41360.0**



D401

W | HSCo | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 2.1 4.1 5.1 6.1 6.2 6.3 7.1 7.2 7.3

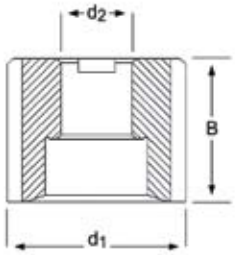
● 1.3 1.4 1.5 2.2 2.3 3.1 3.2 3.3 3.4 4.2 4.3 5.2 5.3 6.4 7.4 8.1 8.2 8.3

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	4	**D40140.0**
50.00	36	22	4	**D40150.0**
63.00	40	27	4	**D40163.0**
80.00	45	27	6	**D40180.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	6	**D401100.0**

D402 / D422

- Nástrčné frézy
- Feltűzhető Páncélmaró
- Frezy nasadzane czolowo-walcowe
- Freze cilindrice cu alezaj
- Насадные концевые фрезы
- rezkar nasadni



D402

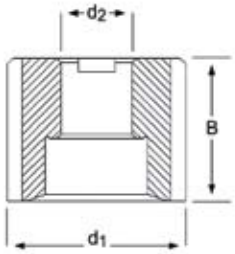
NR | HSCo | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 2.1 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1 6.2 6.3 7.2 7.3

● 1.5 1.6 2.2 4.2 4.3 5.2 5.3 6.4 7.1 7.4 8.1 8.2 8.3 10.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	6	**D40240.0**
50.00	36	22	6	**D40250.0**
63.00	40	27	8	**D40263.0**
80.00	45	27	8	**D40280.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	10	**D402100.0**
125.00	56	40	12	**D402125.0**



D422

NR | HSCo | TiCN | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.1 10.1

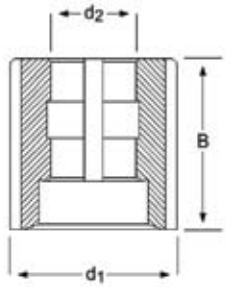
● 7.1 8.2 8.3

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	6	**D42240.0**
50.00	36	22	6	**D42250.0**
63.00	40	27	8	**D42263.0**
80.00	45	27	8	**D42280.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	10	**D422100.0**

D412

- Nástrčné frézy
- Feltűzhető Páncélmaró
- Frezy nasadzane czolowo-walcowe
- Freze cilindrice cu alezaj
- Насадные концевые фрезы
- rezkar nasadni



D412

NR | HSCo | DIN 841 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 2.1 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1 6.2 6.3 7.2 7.3

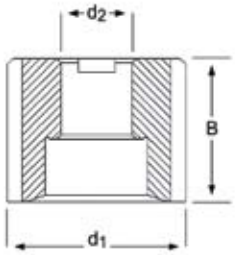
● 1.5 1.6 2.2 4.2 4.3 5.2 5.3 6.4 7.1 7.4 8.1 8.2 8.3 10.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	40	16	6	**D41240.0**
50.00	50	22	8	**D41250.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
60.00	60	27	10	**D41260.0**

D403 / D423

- Nástrčné frézy
- Feltűzhető Páncélmaró
- Frezy nasadzane czolowo-walcowe
- Freze cilindrice cu alezaj
- Насадные концевые фрезы
- rezkar nasadni



D403

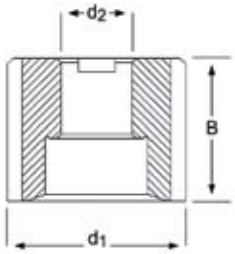
NF | HSCo | DIN 1880 | js16 | λ 30°

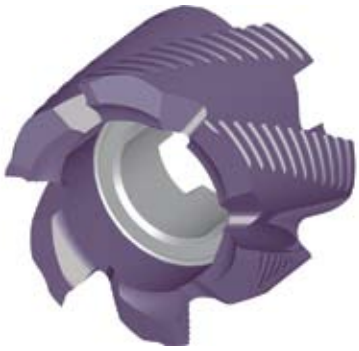
■ 1.1 1.2 1.3 1.4 2.1 2.3 3.1 3.2 3.3 3.4 4.1 5.1 6.1 6.2 6.3 7.2 7.3

● 1.5 1.6 2.2 4.2 4.3 5.2 5.3 6.4 7.1 7.4 8.1 8.2 8.3 10.1

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	6	**D40340.0**
50.00	36	22	6	**D40350.0**
63.00	40	27	8	**D40363.0**
80.00	45	27	8	**D40380.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	10	**D403100.0**
125.00	56	40	12	**D403125.0**





D423

NF | HSCo | TiCN | DIN 1880 | js16 | λ 30°

■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.1 10.1

● 7.1 8.2 8.3

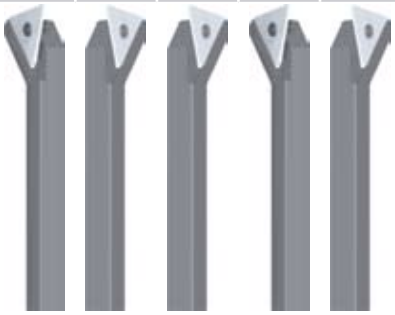
d_1 Ø mm	B	d_2 Ø mm	z	e-Code
40.00	32	16	6	**D42340.0**
50.00	36	22	6	**D42350.0**
63.00	40	27	8	**D42363.0**
80.00	45	27	8	**D42380.0**

d_1 Ø mm	B	d_2 Ø mm	z	e-Code
100.00	50	32	10	**D423100.0**

DORMER

	K300	K301	K302	K303	K304	K305	K310	K311	K312	K313	K314
	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo
											
							TiN	TiN	TiN	TiN	TiN
	D	D	D	D	D	D	D	D	D	D	D
	0°	8°R	8°L	15°R	15°L	0°	0°	8°R	8°L	15°R	15°L
	1.50 - 2.50	1.50 - 2.50	1.50 - 2.50	1.50 - 2.50	1.50 - 2.50	1.10 - 2.15	23.00 - 40.00	23.00 - 40.00	23.00 - 40.00	23.00 - 40.00	23.00 - 23.00
	745	**745**	**745**	**745**	**745**	**745**	**746**	**746**	**746**	**746**	**746**
1.1	■50A	■50A	■50A	■50A	■50A	■50A	■120A	■120A	■120A	■120A	■120A
1.2	■40B	■40B	■40B	■40B	■40B	■40B	■100B	■100B	■100B	■100B	■100B
1.3	●30C	●30C	●30C	●30C	●30C	●30C	■60C	■60C	■60C	■60C	■60C
1.4	●20D	●20D	●20D	●20D	●20D	●20D	●50D	●50D	●50D	●50D	●50D
1.5							●20E	●20E	●20E	●20E	●20E
1.6											
1.7											
1.8											
2.1	●15C	●15C	●15C	●15C	●15C	●15C	■20C	■20C	■20C	■20C	■20C
2.2							■20C	■20C	■20C	■20C	■20C
2.3							●10B	●10B	●10B	●10B	●10B
2.4											
3.1											
3.2											
3.3											
3.4											
4.1											
4.2											
4.3											
5.1											
5.2											
5.3											
6.1	●100B	●100B	●100B	●100B	●100B	●100B	■250B	■250B	■250B	■250B	■250B
6.2	■65C	■65C	■65C	■65C	■65C	■65C	■160C	■160C	■160C	■160C	■160C
6.3	■100B	■100B	■100B	■100B	■100B	■100B	■250B	■250B	■250B	■250B	■250B
6.4											
7.1	●150A	●150A	●150A	●150A	●150A	●150A	■370A	■370A	■370A	■370A	■370A
7.2	●150B	●150B	●150B	●150B	●150B	●150B	■370B	■370B	■370B	■370B	■370B
7.3							■110C	■110C	■110C	■110C	■110C
7.4							●45D	●45D	●45D	●45D	●45D
8.1											
8.2											
8.3											
9.1											
10.1											

A	0,20	0,25
B	0,15	0,20
C	0,10	0,15
D	0,05	0,10
E	0,03	0,05

	K330	K331	K332	K333	K334	K100	K101	K102	K103	K104	K200	K201	K202	K203	K204
	HSCo	HSCo	HSCo	HSCo	HSCo										
															
	TiAlN	TiAlN	TiAlN	TiAlN	TiAlN										
	D	D	D	D	D	D	D	D	D	D					
	0°	8°R	8°L	15°R	15°L										
	23.00 - 40.00	23.00 - 40.00	23.00 - 40.00	23.00 - 40.00	23.00 - 40.00	10.00 - 20.00	12.00 - 20.00	10.00 - 14.00	16.00 - 32.00	16.00 - 32.00	1.50	1.50	1.50	2.50	2.50
	747	747	747	747	747	748	748	749	749	750	751	751	751	751	751
1.1	■120A	■120A	■120A	■120A	■120A										
1.2	■100B	■100B	■100B	■100B	■100B										
1.3	■60C	■60C	■60C	■60C	■60C										
1.4	●50D	●50D	●50D	●50D	●50D										
1.5	●20E	●20E	●20E	●20E	●20E										
1.6															
1.7															
1.8															
2.1	■20C	■20C	■20C	■20C	■20C										
2.2	■20C	■20C	■20C	■20C	■20C										
2.3	●10B	●10B	●10B	●10B	●10B										
2.4															
3.1															
3.2															
3.3															
3.4															
4.1															
4.2															
4.3															
5.1															
5.2															
5.3															
6.1	■250B	■250B	■250B	■250B	■250B										
6.2	■160C	■160C	■160C	■160C	■160C										
6.3	■250B	■250B	■250B	■250B	■250B										
6.4															
7.1	■370A	■370A	■370A	■370A	■370A										
7.2	■370B	■370B	■370B	■370B	■370B										
7.3	■110C	■110C	■110C	■110C	■110C										
7.4	●45D	●45D	●45D	●45D	●45D										
8.1															
8.2															
8.3															
9.1															
10.1															

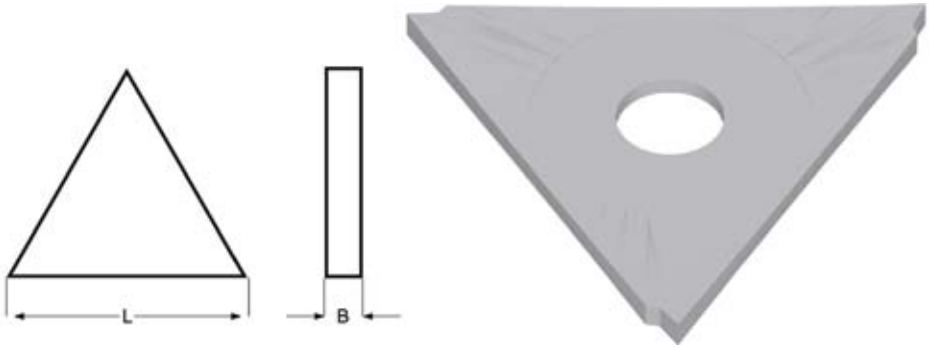
		
A	0,20	0,25
B	0,15	0,20
C	0,10	0,15
D	0,05	0,10
E	0,03	0,05

DORMER

	K520	K521	K522	K540	K541	K542	M150	M151	M152	M200
	HSCo	HSCo	HSCo	HSCo	HSCo	HSCo				
										
	DIN 4964B	DIN 4964A	DIN 4964D	DIN 4964E	DIN 4964E	DIN 4964E				
	h13	h9	h13							
	4.00 - 1“	3 - 20 3/16 - 1/2	8 - 25 1/2 - 3/4	12.00 - 25.00	12.00 - 25.00	16.00 - 20.00	10 - 65	10 - 65	No.0 - No.6	0.25Ltr - 0.50Ltr
	752	**753**	**754**	**755**	**756**	**756**	**757**	**758**	**759**	**760**
1.1	■80A	■80A	■80A	■80A	■80A	■80A				
1.2	■80A	■80A	■80A	■80A	■80A	■80A				
1.3	■65A	■65A	■65A	■65A	■65A	■65A				
1.4	■55A	■55A	■55A	■55A	■55A	■55A				
1.5	●35A	●35A	●35A	●35A	●35A	●35A				
1.6										
1.7										
1.8										
2.1	●37A	●37A	●37A	●37A	●37A	●37A				
2.2	●30A	●30A	●30A	●30A	●30A	●30A				
2.3										
2.4										
3.1	■60A	■60A	■60A	■60A	■60A	■60A				
3.2	■50A	■50A	■50A	■50A	■50A	■50A				
3.3	■40A	■40A	■40A	■40A	■40A	■40A				
3.4	■25A	■25A	■25A	■25A	■25A	■25A				
4.1										
4.2										
4.3										
5.1										
5.2										
5.3										
6.1	■100A	■100A	■100A	■100A	■100A	■100A				
6.2	■65A	■65A	■65A	■65A	■65A	■65A				
6.3	■100A	■100A	■100A	■100A	■100A	■100A				
6.4	●50A	●50A	●50A	●50A	●50A	●50A				
7.1	●120A	●120A	●120A	●120A	●120A	●120A				
7.2	●150A	●150A	●150A	●150A	●150A	●150A				
7.3										
7.4										
8.1										
8.2										
8.3										
9.1										
10.1										

K300 - K305

- Destička upichovací
- Placute debitare
- Leszúró váltólapka
- Отрезные пластины
- Plytki odcinajace
- plošcica



K300

HSCo | D | 0°

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	e-Code
23	1.50	K30023.0X1.5
40	2.50	K30040.0X2.5

K301

HSCo | D | 8°R

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	e-Code
23	1.50	K30123.0X1.5
40	2.50	K30140.0X2.5

K302

HSCo | D | 8°L

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	e-Code
23	1.50	K30223.0X1.5
40	2.50	K30240.0X2.5

K303

HSCo | D | 15°R

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	e-Code
23	1.50	K30323.0X1.5
40	2.50	K30340.0X2.5

K304

HSCo | D | 15°L

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	e-Code
23	1.50	K30423.0X1.5
40	2.50	K30440.0X2.5

K305

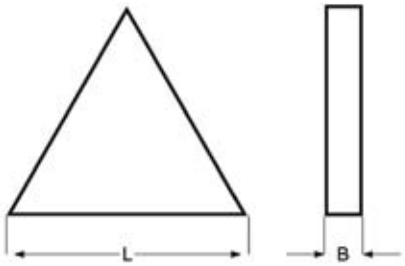
HSCo | D | 0°

■ 1.1 1.2 6.2 6.3
● 1.3 1.4 2.1 6.1 7.1 7.2

L	A	d min-max mm	e-Code
23	1.10	9 - 17	K30523.0X1.1
23	1.30	18 - 26	K30523.0X1.3
23	1.60	28 - 35	K30523.0X1.6
40	1.85	36 - 48	K30540.0X1.85
40	2.15	50 - 63	K30540.0X2.15

K310 - K314

- Destička upichovací
- Leszúró váltólapka
- Plytki odcinajace
- Placute debitare
- Отрезные пластины
- plošcica



K310

HSCo | TiN | D | 0°

■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3

● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K31023.0X1.5
40	2.50	K31040.0X2.5

K311

HSCo | TiN | D | 8°R

■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3

● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K31123.0X1.5
40	2.50	K31140.0X2.5

K312

HSCo | TiN | D | 8°L

■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3

● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K31223.0X1.5
40	2.50	K31240.0X2.5

K313

HSCo | TiN | D | 15°R

■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3

● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K31323.0X1.5
40	2.50	K31340.0X2.5

K314

HSCo | TiN | D | 15°L

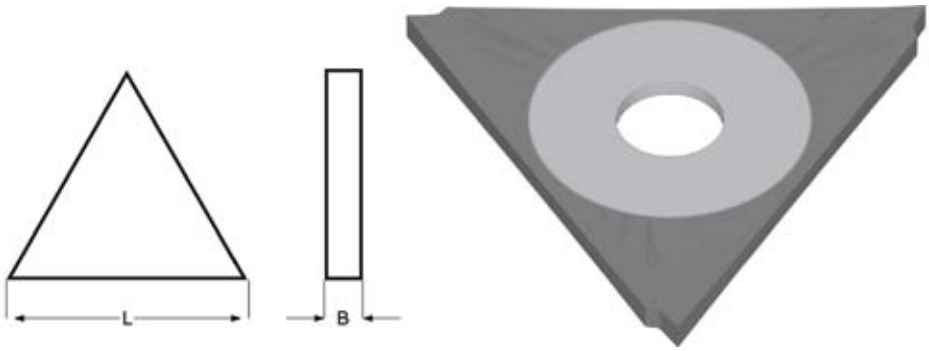
■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3

● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K31423.0X1.5
40	2.50	K31440.0X2.5

K330 - K334

- Destička upichovací
- Placute debitare
- Leszúró váltólapka
- Отрезные пластины
- Plytki odcinajace
- plošcica



K330

HSCo TiAlN D 0°

- ■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3
- ● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K33023.0X1.5
40	2.50	K33040.0X2.5

K331

HSCo TiAlN D 8°R

- ■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3
- ● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K33123.0X1.5
40	2.50	K33140.0X2.5

K332

HSCo TiAlN D 8°L

- ■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3
- ● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K33223.0X1.5
40	2.50	K33240.0X2.5

K333

HSCo TiAlN D 15°R

- ■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3
- ● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K33323.0X1.5
40	2.50	K33340.0X2.5

K334

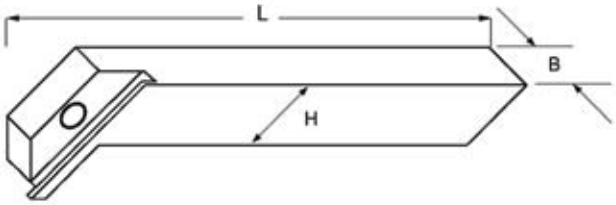
HSCo TiAlN D 15°L

- ■ 1.1 1.2 1.3 2.1 2.2 6.1 6.2 6.3 7.1 7.2 7.3
- ● 1.4 1.5 2.3 7.4

L	A	e-Code
23	1.50	K33423.0X1.5
40	2.50	K33440.0X2.5

K100 / K101

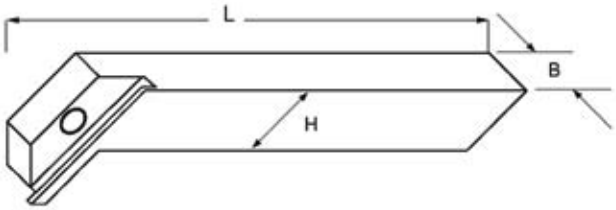
- Držák na upichovací destičku
- Cutite debitare (portplacute)
- Leszúrókés
- Отрезные державки
- Uchwyty do plytek odcinajacych
- držalo ploščic



K100

H	A	L	e-Code
10	10	125	**K10010.0**
12	12	125	**K10012.0**

H	A	L	e-Code
16	12	125	**K10016.0**
20	12	125	**K10020.0**



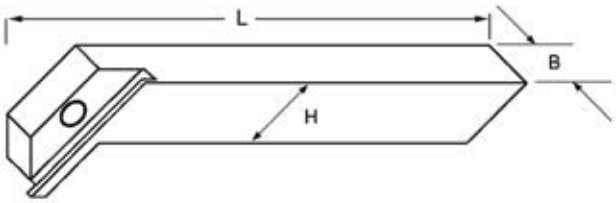
K101

H	A	L	e-Code
12	12	125	**K10112.0**
16	12	125	**K10116.0**

H	A	L	e-Code
20	12	125	**K10120.0**

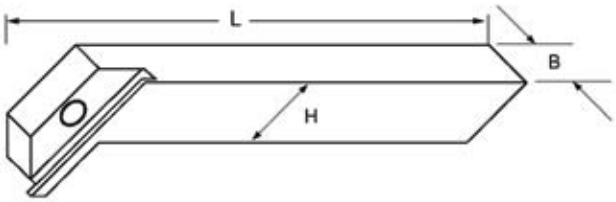
K102 / K103

- Držák na upichovací destičku
- Cutite debitare (portplacute)
- Leszúrókés
- Отрезные державки
- Uchwyty do plytek odcinajacych
- držalo ploščic



K102

H	A	L	e-Code
10	10	125	**K10210.0**
14	12	125	**K10214.0**



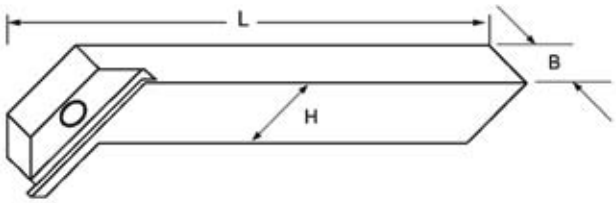
K103

H	A	L	e-Code
16	16	140	**K10316.0**
25	16	140	**K10325.0**

H	A	L	e-Code
32	16	140	**K10332.0**

K104

- Držák na upichovací destičku
- Cutite debitare (portplacute)
- Leszúrókés
- Отрезные державки
- Uchwyty do plytek odcinajacych
- držalo ploščic



K104

H	A	L	e-Code
16	16	140	**K10416.0**
25	16	140	**K10425.0**

H	A	L	e-Code
32	16	140	**K10432.0**

K200 - K204

- Náhradní díly pro upichovací nástroje
- Piese de schimb pentru scule debitare/ retezare
- Alkatrészek a leszúró szerszámokhoz
- Оправка для Отрезные державки
- Czesci zamienne dla uchwyty do plytek odcinajacych
- držalo plošcic- rezervni del

K200

size	tool code	e-Code
1.5	Excentric	**K200ECC1.5**

K201

size	tool code	e-Code
1.5	Spanner	**K201SPAN1.5**

K202

size	tool code	e-Code
2.5	12.0	**K2022.5X12.0**

K203

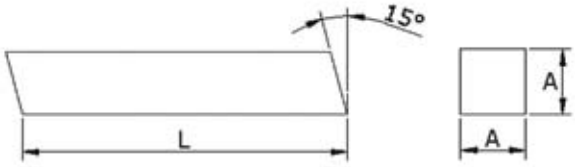
size	tool code	e-Code
2.5	Excentric	**K203ECC2.5**

K204

size	tool code	e-Code
2.5	Spanner	**K204SPAN2.5**

K520

- Polotovary
- Cutite strung HSCo
- Betétkés
- Заготовки для резцов из быстрорежущей стали
- Półprodukt
- nož stružni



K520

HSCo | DIN 4964B | h13

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

● 1.5 2.1 2.2 6.4 7.1 7.2

A	L	e-Code
4	63	K5204.0X63.0
4	100	K5204.0X100.0
5	63	K5205.0X63.0
5	160	K5205.0X160.0
6	63	K5206.0X63.0
6	100	K5206.0X100.0
6	160	K5206.0X160.0
6	200	K5206.0X200.0
7	200	K5207.0X200.0
8	63	K5208.0X63.0
8	100	K5208.0X100.0
8	160	K5208.0X160.0
8	200	K5208.0X200.0
10	63	K52010.0X63.0
10	100	K52010.0X100.0
10	125	K52010.0X125.0
10	160	K52010.0X160.0
10	200	K52010.0X200.0
12	100	K52012.0X100.0
12	160	K52012.0X160.0
12	200	K52012.0X200.0
14	100	K52014.0X100.0
14	160	K52014.0X160.0
14	200	K52014.0X200.0

A	L	e-Code
16	100	K52016.0X100.0
16	160	K52016.0X160.0
16	200	K52016.0X200.0
18	200	K52018.0X200.0
20	160	K52020.0X160.0
20	200	K52020.0X200.0
25	200	K52025.0X200.0
3/16	2.1/2	K5203/16X2.1/2
3/16	4“	K5203/16X4
1/4	2.1/2	K5201/4X2.1/2
1/4	4“	K5201/4X4
5/16	2.1/2	K5205/16X2.1/2
5/16	3“	K5205/16X3
5/16	4“	K5205/16X4
3/8	3“	K5203/8X3
3/8	4“	K5203/8X4
3/8	6“	K5203/8X6
7/16	3.1/2	K5207/16X3.1/2
1/2	4“	K5201/2X4
1/2	6“	K5201/2X6
5/8	4.1/2	K5205/8X4.1/2
5/8	6“	K5205/8X6
3/4	5“	K5203/4X5
1“	8“	K5201X8

K521

- Polotovary
- Cutite strung HSCo
- Betétkés
- Заготовки для резцов из быстрорежущей стали
- Półprodukt
- nož stružni

K521

HSCo | DIN 4964A | h9

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

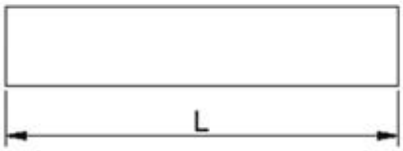
● 1.5 2.1 2.2 6.4 7.1 7.2

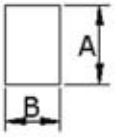
A	L	e-Code
3	100	K5213.0X100.0
4	80	K5214.0X80.0
4	100	K5214.0X100.0
5	100	K5215.0X100.0
5	160	K5215.0X160.0
6	100	K5216.0X100.0
6	160	K5216.0X160.0
6	200	K5216.0X200.0
8	100	K5218.0X100.0
8	160	K5218.0X160.0
8	200	K5218.0X200.0
10	100	K52110.0X100.0
10	160	K52110.0X160.0
10	200	K52110.0X200.0
12	100	K52112.0X100.0
12	160	K52112.0X160.0

A	L	e-Code
12	200	K52112.0X200.0
14	100	K52114.0X100.0
14	200	K52114.0X200.0
15	100	K52115.0X100.0
16	100	K52116.0X100.0
16	160	K52116.0X160.0
16	200	K52116.0X200.0
18	160	K52118.0X160.0
18	200	K52118.0X200.0
20	200	K52120.0X200.0
3/16	4“	K5213/16X4
1/4	4“	K5211/4X4
5/16	4“	K5215/16X4
3/8	4“	K5213/8X4
1/2	4“	K5211/2X4
1/2	6“	K5211/2X6

K522

- Polotovary
- Cutite strung HSCo
- Betétkés
- Заготовки для резцов из быстрорежущей стали
- Półprodukt
- nož stružni





K522

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

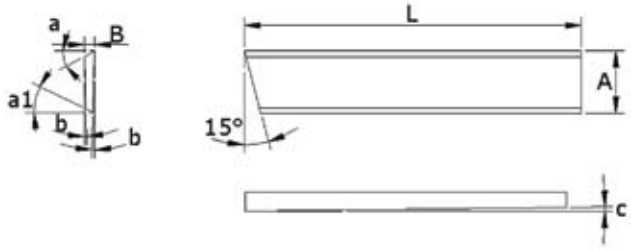
● 1.5 2.1 2.2 6.4 7.1 7.2

A	B	L	e-Code
10	3	200	**K52210.0X3.0X200.0**
12	3	90	**K52212.0X3.0X90.0**
12	3	200	**K52212.0X3.0X200.0**
20	3	200	**K52220.0X3.0X200.0**
10	4	100	**K52210.0X4.0X100.0**
10	4	120 (a)	**K52210.0X4.0X120.0**
10	4	200	**K52210.0X4.0X200.0**
12	4	200	**K52212.0X4.0X200.0**
16	4	160	**K52216.0X4.0X160.0**
16	4	200	**K52216.0X4.0X200.0**
20	4	200	**K52220.0X4.0X200.0**
12	5	90	**K52212.0X5.0X90.0**
12	5	200	**K52212.0X5.0X200.0**
18	5	200	**K52218.0X5.0X200.0**
20	5	200	**K52220.0X5.0X200.0**
8	6	70	**K5228.0X6.0X70.0**
10	6	200	**K52210.0X6.0X200.0**
12	6	200	**K52212.0X6.0X200.0**
14	6	140 (b+d)	**K52214.0X6.0X140.0**
16	6	200	**K52216.0X6.0X200.0**
18	6	140 (c)	**K52218.0X6.0X140.0**
20	6	200	**K52220.0X6.0X200.0**

A	B	L	e-Code
25	6	200	**K52225.0X6.0X200.0**
12	8	160	**K52212.0X8.0X160.0**
12	8	200	**K52212.0X8.0X200.0**
16	8	140 (d)	**K52216.0X8.0X140.0**
16	8	200	**K52216.0X8.0X200.0**
20	8	200	**K52220.0X8.0X200.0**
12	10	200	**K52212.0X10.0X200.0**
16	10	160	**K52216.0X10.0X160.0**
16	10	200	**K52216.0X10.0X200.0**
20	10	200	**K52220.0X10.0X200.0**
25	10	200	**K52225.0X10.0X200.0**
16	12	200	**K52216.0X12.0X200.0**
20	12	200	**K52220.0X12.0X200.0**
25	12	200	**K52225.0X12.0X200.0**
20	16	200	**K52220.0X16.0X200.0**
25	16	200	**K52225.0X16.0X200.0**
1/2	1/4	4	**K5221/2X1/4X4**
1/2	3/8	4	**K5221/2X3/8X4**
3/4	1/2	5	**K5223/4X1/2X5**
3/4	1/2	6	**K5223/4X1/2X6**
5/8	3/8	6	**K5225/8X3/8X6**

K540

- Polotovary
- Blancuri de scule, Unghi de asezare lateral si frontal
- Betétkés, oldalban és hosszban köszörült
- Заготовки для резцов из быстрорежущей стали, с задними углами
- Nóz oprawkowy
- nož stružni



K540

HSCo | DIN 4964E

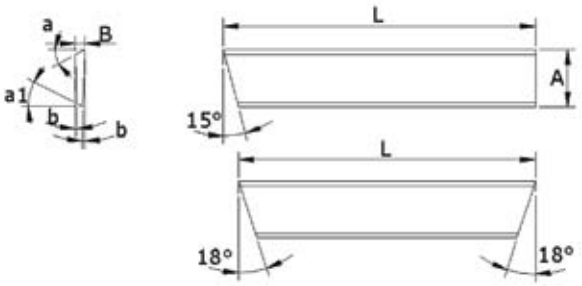
■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

● 1.5 2.1 2.2 6.4 7.1 7.2

A	B	L	a	a1	b	c	e-Code
12.0	3.0	90	15.00°	15.00°	2.00°	0.5°	**K54012.0X3.0X90.0**
16.0	3.0	110	10.00°	10.00°	1.17°	0.5°	**K54016.0X3.0X110.0**
20.0	3.5	125	10.57°	13.43°	1.43°	0.5°	**K54020.0X3.5X125.0**
25.0	4.5	150	10.83°	13.17°	1.17°	0.44°	**K54025.0X4.5X150.0**

K541 / K542

- Polotovary
- Blancuri de scule, Unghi de asezare lateral
- Betétkés, oldalban köszörült
- Заготовки для резцов из быстрорежущей стали, с задним углом
- Nóz oprawkowy boczny
- nož stružni



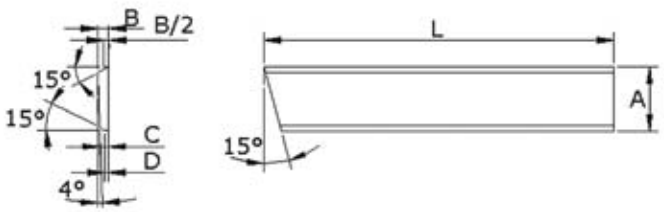
K541

HSCo | DIN 4964E

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

● 1.5 2.1 2.2 6.4 7.1 7.2

A	B	L	a	a1	b	e-Code
12.0	3.0	90	15.00°	15.00°	2.00°	**K54112.0X3.0X90.0**
12.0	3.0	120	15.00°	15.00°	2.00°	**K54112.0X3.0X120.0**
16.0	4.0	140	15.00°	15.00°	2.00°	**K54116.0X4.0X140.0**
18.0	4.0	140	15.00°	15.00°	2.00°	**K54118.0X4.0X140.0**
20.0	3.0	125	10.57°	13.43°	1.43°	**K54120.0X3.0X125.0**
25.0	4.0	150	10.83°	13.17°	1.17°	**K54125.0X4.0X150.0**



K542

HSCo | DIN 4964E

■ 1.1 1.2 1.3 1.4 3.1 3.2 3.3 3.4 6.1 6.2 6.3

● 1.5 2.1 2.2 6.4 7.1 7.2

A	A	L	C	D	e-Code
16	3	140	1.9	0.6	**K54216.0X3.0X140.0**
20	4	140	2.6	0.6	**K54220.0X4.0X140.0**

M150

- Redukce tvrzená
- Reductii Morse imbunatatite in ulei
- Kúpátalakító, Olajos használatra
- Переходные втулки с конусом Морзе
- Tulejka mocujaca
- puša reducirna

M150

K=Ext. (externí) K1=Int. (interní) / K=Külső Morse-kúp K1=Belső Morse-kúp / K=Zew.(Zewnetrzny stozek Morse'a) K1=Wew.(Wewnetrzny stozek Morse'a) / K=Ext. (extern) K1=Int. (intern) / K=Внеш. K1=Внутр. / K=zunanji K1=notranji.

Nr.	K = Nr.	K1 = Nr.	e-Code
10	1	0	**M1501-0**
21	2	1	**M1502-1**
31	3	1	**M1503-1**
41	4	1	**M1504-1**
32	3	2	**M1503-2**
42	4	2	**M1504-2**

Nr.	K = Nr.	K1 = Nr.	e-Code
52	5	2	**M1505-2**
43	4	3	**M1504-3**
53	5	3	**M1505-3**
54	5	4	**M1505-4**
65	6	5	**M1506-5**

M151

- Redukce kalená a broušená
- Reductii Morse Calite si rectificate
- Kúpátalakító, Edzett és Köszörült
- Шлифованные переходные втулки с конусом Морзе
- Tulejka mocujaca hartowana i odpuszczana
- puša reducirna, kaljena in brušena

M151

K=Ext. (externí) K1=Int. (interní) / K=Külső Morse-kúp K1=Belső Morse-kúp / K=Zew.(Zewnetrzny stozek Morse'a) K1=Wew.(Wewnetrzny stozek Morse'a) / K=Ext. (extern) K1=Int. (intern) / K=Внеш. K1=Внутр. / K=zunanji K1=notranji.

Nr.	K = Nr.	K1 = Nr.	e-Code
10	1	0	**M1511-0**
21	2	1	**M1512-1**
31	3	1	**M1513-1**
41	4	1	**M1514-1**
32	3	2	**M1513-2**
42	4	2	**M1514-2**

Nr.	K = Nr.	K1 = Nr.	e-Code
52	5	2	**M1515-2**
43	4	3	**M1514-3**
53	5	3	**M1515-3**
54	5	4	**M1515-4**
65	6	5	**M1516-5**

M152

- Vyrážecí klín
- Pana extractoare
- Morse Kiütőlap
- Клин для раскрепления сверл с конусом Морзе
- Kliny do wybijania wiertel
- izbijalo

M152

Nr.	e-Code
0	M1520
1 + 2	M15212
3 + 4	M15234
4 + 5	M15245

Nr.	e-Code
6	M1526

M200

- Řezný olej
- Ulei de aschiere
- Vágóolaj
- Смазочно-охлаждающая жидкость
- Olej chlodzaco-smarujacy
- olje rezilno

M200

A	e-Code
1/4 Ltr. 12x	M2000.25NR.1BLUE
1/4 Ltr. 12x	M2000.25NR.2RED
1/4 Ltr. 12x	M2000.25NR.3GREEN
5 Ltr.	M2005.0NR.1BLUE

A	e-Code
5 Ltr.	M2005.0NR.2RED
5 Ltr.	M2005.0NR.3GREEN

Popis ikon

Ikon megnevezések

Opis Ikony

Descriere icoana

Описание обозначений

Opis ikon

D

Ikony / Gyakori ikonok / Ikony Wspólne / Icoane comune / Общие обозначения / Običajne ikone

Materiál
Anyag
Materiał
Material
Материал
Material

Karbid
Keményfém
Węglik
Carbura
Твердый сплав
Karbidna trdina

K10 mikrozrnný karbid
K10 mikroszemcsés keményfém
Węglik drobnoziarnisty K10
Carbura K10
Мелкозернистый твердый сплав K10
K10 mikro zrnatost

HSS/Karbid
gyorsacél/keményfém
Stal szybkotnąca/Węglik
Otel rapid/carbura
Быстрорежущая сталь / твердый сплав
Hitrorezno jeklo/Karbidna trdina

Rychlořezná ocel
gyorsacél
Stal szybkotnąca
Otel rapid
Быстрорежущая сталь
Hitrorezno jeklo

Rychlořezná ocel s kobaltem
kobalttal ötvözött gyorsacél
Stal Kobaltowa
Otel rapid cu Co
Быстрорежущая сталь с кобальтом
Hitrorezno jeklo s kobaltom

Rychlořezná ocel s kobaltem
kobalttal ötvözött gyorsacél
Stal Kobaltowa
Otel rapid cu Co
Быстрорежущая сталь с кобальтом, 8% Co
Hitrorezno jeklo s kobaltom

Rychlořezná prášková ocel
porkohászati gyorsacél
Stal proszkowa
Otel rapid sinterizat
Порошковая быстрорежущая сталь
Sintrano hitrorezno jeklo

Chromová ocel
Kromacél
Stal chromowa
Otel cu Crom
Хромистая сталь
Kromovo jeklo

HSCo ocel prášková metalurgie
kobaltal ötvözött porkohászati gyorsacél
Stal Proszkowa Kobaltowa
Otel rapid cu Co sinterizat
Порошковая быстрорежущая сталь с кобальтом
Sintrano hitrorezno jeklo s kobaltom

Standard
Szabvány
Standard
Standard
Стандарт
Standard

Dormer Standard
Dormer szabvány
Standard Dormera
Standard Dormer
Стандарт Дормер
Dormer Standard

Hodnocení
Választás
Wartość
Znamionowa
Caracterizare
Оценка
Ocena

Skvělý
Kiváló
Doskonały
Excelent
Превосходная
Odlično

Dobrý
Jó
Dobry
Bun
Хорошая
Dobro

Ikony / Gyakori ikonok / Ikony Wspólne / Icoane comune / Общие обозначения / Običajne ikone

Povlakování
Bevonatok
Pokrycie
Acoperire
Покрытие
Prevleka

Parní temperace
megeresztés gőzatmoszférában
Odpuszczanie Parowe
Brunare
Оксидирование
Brunirano

Broušený
Fényes
Jasny
Lucios
Полирование
Svetlo

Bronz
Bronz
Brązowy
Bronz
Бронзовое
Bronzna prevleka

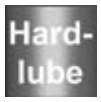
Chrom nitrid
Kromnitrid
Azotek Chromu
Nitrura de crom
Нитрид хрома
Krom nitrid

Dialub
Dialub
Dialub
Dialub
Dialub
Dialub

Diamant
Gyémánt
Diament
Diamant
Алмазное
Diamant prevleka

Lesklý chrom
Fényes króm
Jasny Chromowany
Crom lucios
Хромирование
Svetlo kromirano

Zlatý
Arany
Złoty
Aur
Золотое
Zlato



Hardlube
Hardlube
Hardlube
Hardlube
Hardlube
Hardlube

Super B
Super B
Super B
Super B
Super B
Super B

Nitridovaný
Nitridált
Azotek
Nitrurat
Азотирование
Nitrirano

Super G
Super G
Super G
Super G
Super G
Super G

Super R
Super R
Super R
Super R
Super R
Super R

Titan Aluminium Nitrid
Titán aluminiumnitrid
Azotek Tytanu i Aluminium
Nitrura titan-aluminiu
Нитрид титана и алюминия
TiAlN

Parní temperace/TiAlN
gőzmegeresztés/Titán aluminiumnitrid
Odpuszczanie Parowe/TiAlN
Brunat/TiNAl
Оксидирование / нитрид титана и алюминия
Brunirano/TiAlN

Titan Aluminium Nitrid Extreme
Titán aluminiumnitrid Extrém
Azotek Tytanu i Aluminium -Wzbogacony
TiNAl extrem
Нитрид титана и алюминия Extreme
TiAlN-Extreme

Titan Carbo Nitrid
Titán-karbonitrid
Azotek Tytanu i Węgla
Carbonitrura de titan
Карбонитрид титана
Titan karbo nitrid

Titan Nitrid
Titánnitrid
Azotek Tytanu
Nitrura de titan
Нитрид титана
Titan nitrid

Zirkon Nitrid
Cirkonium-nitrid
Azotek Cyrkonu
Nitrura de zirconiu
Нитрид циркония
Cirkonij nitrid

Broušený/Titan Nitrid
Fényes/titánnitrid
Jasny/Azotek Tytanu
Lucios/nitrura de titan
Полирование / нитрид титана
Svetlo/Titan nitrid

Broušený/parní temperace
Fényes/gőzmegeresztéses
Jasny/Odpuszczanie Parowe
Lucios/brunat
Полирование / оксидирование
Svetlo/Brunirano

Super Flow

Ti-phon

Ikony / Gyakori ikonok / Ikony Wspólne / Icoane comune / Общие обозначения / Običajne ikone

Směr
Irányok
Kierunek
Directia
Направление обработки
Smer

Pravý
jobb
Prawy
Dreapta
Правое
Desni

Levý
bal
Lewy
Stanga
Левое
Levi

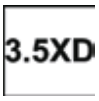
Drážkování, šikmé zavrtávání, zavrtávání
sarokmarás, nagyolás
Rowkowanie, Frezowanie Współbieżne
Canelare, frezare in plan inclinat descendent, plonjare
Обработка пазов и плоскостей, врезание под углом, фрезерование вертикальными врезаниями
Utorno, pod kotom, potopno

Drážkování, šikmé zavrtávání
sarokmarás, nagyolás
Rowkowanie
Canelare, frezare in plan inclinat descendent
Обработка пазов и плоскостей, врезание под углом
Utorno, pod kotom

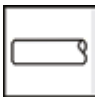
Dokončování
simítás
Obróbka Wykańczająca
Finisare
Чистовая обработка пазов и плоскостей
Fino

Frézování
marás
Frezowanie
Frezare
Фрезерование-
Rezkanje

Hloubka
Fúrási mélység
Głębokość
Adancimea
Глубина
Globina



Stopka
Szár
Chwyt
Coada
Хвостовик
Steblo



Válcová stopka
hengeres stár
Chwyt Cylindryczny
Coada cilindrica
Цилиндрический хвостовик
Cilindrično steblo

Morse kužel
Morsekúpos szár
Chwyt Morse'a
Coada Morse
Хвостовик Морзе
Morse konus steblo

DIN 6535 HA
DIN 6535 HA
DIN 6535 HA
DIN 6535 HA
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DIN 6535 HA

DIN 6535 HE
DIN 6535 HE
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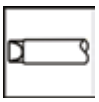
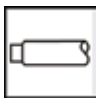


Stopka tang
lapolt végű
Chwyt z Płetwą
Coada cu antrenor
Хвостовик с лапкой
Nastavek za izbijanje



Stopka se čtvercem
négyszögletes végű
Chwyt z Kwadratem
Coada cu patrat de antrenare
Хвостовик с квадратом
Steblo s pravokotnim nastavkom

Stupňovitá stopka
Lépcsős szár
Chwyt Wzmocniony
Coada in trepte
Ступенчатый хвостовик
Steblo stopenjsko

Stopka s ploškou
Lapolt (weldon)
Chwyt spłaszczony
Coada aplatisata
Хвостовик с лыской
Steblo z utorom

Ikony vrtání / Fúró ikonok / Ikony-Wiercenie /
Icoane gaurire / Описание обозначений для сверл / Vrtanje - ikone

Délka
Hossz
Długość
Lungimea
Длина
Dolžina

Extra krátký
Extra rövid
Bardzo Krótkie
Extrascurt
Сверхкороткое
Extra kratki

Střední
Közbenső
Pośrednie
Intermediar
Среднее
Srednji

Krátký
Rövid
Krótkie
Scurt
Короткое
Kratki

Dlouhý
Hosszú
Długie
Lungimea
Длинное
Dolgi

Extra dlouhý
Extra hosszú
Bardzo Długie
Extralung
сверхдлинное
Extra dolgi

Typ
Alak
Forma
Forme
Форма
Oblika

Kontinuálně ztenčené jádro
CTW geomatria
Stale Pocieniony Rdzeń
Miez subtiat continuu
Постоянная подточка сердцевины
CTW

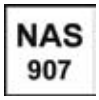
Zdokonalený odvod třísky
Különleges forgács kontroll
Zaawansowany system usuwania wiórów
Control avansat al spanului
улучшенное стружкоудаление
kontrola odvoda odrezkov

Vrcholový úhel
Csúcsszög
Kąt Ostrza
Unghiul la varf
Угол при вершине сверла
Kot konice

Ikony vrtání / Fúró ikonok / Ikony-Wiercenie /
Icoane gaurire / Описание обозначений для сверл / Vrtanje - ikone

Geometrie
Csúcs geometria
Geometria
Geometria
Геометрия
Geometrija

Speciální špička
Különleges pont
Specialny Kąt
Varf special
Специальная подточка
Posebna konica



NAS 907
NAS 907
NAS 907
NAS 907
NAS 907
NAS 907

Podbrus špičky
vékonyított él
Pocieniony
Varf supraascutit
Подточка вершины
Konica stanjšana

PS
PS
PS
PS
PS
PS

4 fazetkový
4 él
Cztero Płaszczyznowy

4 fatete
Стандартная заточка
4 površine

3 drážky
3 élű
3 rowki wiórowe

3 canale
три канавки
3 rezni

Přímá drážka - vnitřní chlazení
Egyenes hornyú olajvezetővel
Prosty rowek wiórowy - Chłodzenie wewnętrzne

Canale drepte - Racire interna
прямая канавка - подача СОЖ
ravno rezilo - s hlajenjem

MP-X - vnitřní chlazení
MP-X olajvezetővel
MP-X - Chłodzenie wewnętrzne

MP-X - Racire interna
MP-X - подача СОЖ
MP-X - s hlajenjem

CDX
CDX - kettős él
CDX - Podwójne łysinki
CDX - cu umeri de conducere
CDX - двойная кромка
CDX - dvojni rob

CDX - Inox

CDX - slinutý
CDX - tömör
CDX - Pełny profil
CDX - Solid
CDX - твёрдый сплав
CDX - brez hlajenja

CDX - s vnitřním chlazením
CDX Olajvezetővel
CDX - Chłodzenie wewnętrzne
CDX - Racire interna
CDX - подача СОЖ
CDX - s hlajenjem

Záhlubníky, úhel
Kúpsüllyesztők szögei
Unghi tesire
Угол зенковки
Kot grezila

Středicí 60°
Központi 60º
Do Nakiełkowania 60º
Centruitor 60º
Центровое отверстие 60º
Kot konice 60º

Středicí 60° chráněný
Központi 60º védelemmel
Do Nakiełkowania 60º Chroniony
Centruitor 60º protejat
Центровое отверстие 60º с защитой
Kot konice 60º ojačan

Středicí rádiusový
Központi sugár alak
Do Nakiełkowania-Łukowy
Centruitor cu raza
Радиусное центровое отверстие
Radiusni kot konice

Stupňovitý 90°
Letörés 90°
Wirtło dwustopniowe 90º
Tesire la 90º
Ступень с углом 90º
Poglobitev 90º

Stupňovitý 180°
Letörés 180°
Wiertło dwustopniowe 180º
Lamare la 180º
Ступень с углом 180º
Poglobitev 180º

Stupňovitý vrták 90° a 60°
Lépcsős fúró 90º és 60º
Wiertło Stopniowe 90º i 60º
Burghiu in trepte 90º si 60º
Ступенчатое сверло с углами 90º и 60º
Stopenjski sveder 90º in 60º

Stupňovitý vrták 60° a 60°
Lépcsős fúró 60º és 60º
Wiertło Stopniowe 60º i 60º
Burghiu in trepte 60º si 60º
Ступенчатое сверло с углами 60º и 60º
Stopenjski sveder 60º in 60º

Stupňovitý vrták 90°
Lépcsős fúró 90º
Wiertło Stopniowe 90º
Burghiu in trepte 90º
Ступенчатое сверло с углом 90º
Stopenjski sveder 90º

Stupňovitý vrták 90° prodloužený
Lépcsős fúró 90º hosszított
Wiertło Stopniowe 90º-Przedłużane
Burghiu in trepte 90º prelungit
Ступенчатое сверло с углом 90º увеличенное
Stopenjski sveder 90º podaljšan

Stupňovitý vrták 180°
Lépcsős fúró 180º
Wiertło Stopniowe 180º
Burghiu in trepte 180º
Ступенчатое сверло с углом 180º
Stopenjski sveder 180º

Chlazení
Hűtés
Chłodziwo
Racire
СОЖ
hladilno-mazalno sredstvo

Vnitřní chlazení
Belső hűtés
Chłodzenie wewnętrzne
Racire interna
подача СОЖ через инструмент
hlajenje skozi orodje

Ikony zahlubování / Kúpos süllyesztő ikonok / Ikony-Pogłębiacze / Icoane zencuire / Описание обозначений для зенковок и зенкеров / Grezila - ikone

Chlazení Hűtés Chłodziwo Racire СОЖ hladilno-mazalno sredstvo		
	Vnitřní chlazení Belső hűtés Chłodzenie wewnętrzne Racire interna подача СОЖ через инструмент hlajenje skozi orodje	Vnitřní chlazení Belső hűtés Chłodzenie wewnętrzne Racire interna подача СОЖ через инструмент hlajenje skozi orodje

Úhel zahloubení Kúpos süllyesztő szöge Kąt Ostrza Pogłębiacza Unghi zencuire Угол зенковки Kot grezila				 G314

Použití Alkalmazás Zastosowanie Aplicatie Применение Aplikacija		
	Hvězdička Besüllyeszt Pogłębianie Zencuire Зенкование Grezilo	Záhlubník Furatsüllyesztés Pogłębianie Czołowe Lamare Зенкерование Grezilo za glave vijakov

Stopka Késszár Chwyt Coada Хвостовик Steblo		
	Přímá Egyenes Walcowy Cilindrica Цилиндрический Ravno	Formovaná Formázott Kształtowy Morse Профильный Oblikovno

Ikony závitování / Menetelés ikonjai / Ikony-Gwintowanie / Icoane filetare / Описание обозначений для резьбового инструмента / Vrezovanje navojev - ikone

Typ závitu Menet tipusok Typ Gwintu Forma filetului Тип резьбы Vrsta navojev				
	Metrický Normál menet Metryczny Metric Метрическая Metrični	Metrický jemný Finommenet Metryczny Drobnozwojny Metric fin Метрическая с мелким шагом Metrični fini	NPT NPT NPT NPT NPT NPT	UNC UNC UNC UNC UNC UNC
				
	UNF UNF UNF UNF UNF UNF	W W W W W W	UN UN UN UN UN UN	G G G G G G
				
	BSW BSW BSW BSW BSW BSW	BA BA BA BA BA BA	BSF BSF BSF BSF BSF BSF	NPSF NPSF NPSF NPSF NPSF NPSF
				
	NPTF NPTF NPTF NPTF NPTF NPTF	Rc Rc Rc Rc/Briggs Rc Rc	NPSM NPSM NPSM NPSM NPSM NPSM	PG PG PG PG PG PG

Typ díry Furat tipus Rodzaj Otworu Tip gaura Тип отверстия Oblika izvrtine			
	Průchozí díra átmenő furat Otwór Przelotowy Gaura strapunsa Сквозное отверстие Skoznja izvrtina	Slepá díra zsákfurat Otwór Nieprzelotowy Gaura infundata Глухое отверстие Slepa izvrtina	Průchozí nebo slepá díra átmenő vagy zsákfurat Otwór Przelotowy lub Nieprzelotowy Gaura strapunsa sau infundata Сквозное или глухое отверстие Skoznja ali slepa izvrtina

Chlazení Hűtés Chłodziwo Racire СОЖ hladilno-mazalno sredstvo	
	Vnitřní chlazení Belső hűtés Chłodzenie wewnętrzne Racire interna подача СОЖ через инструмент hlajenje skozi orodje

Standard Szabvány Standard Standard Стандарт Standard	
	Dormer standard - podobné DIN Dormer szabvány - DIN-hez hasonló Standard Dormer - jak DIN Standard Dormer - similar cu DIN стандарт “Dormer” - аналогично DIN Dormar standard - podoben DIN-u

DORMER

Ikony závitování / Menetelés ikonjai / Ikony-Gwintowanie / Icoane filetare / Описание обозначений для резьбового инструмента / Vrezovanje navojev - ikone

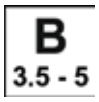
Tolerance
Tűrés
Tolerancja
Toleranta
Допуск
Toleranca

Střední
Közepes
Średnia
Mediu
Средний
Srednja

Náběhy
Bekezdőkúp
Nakrój
Conul de atac
Заборный конус
Posnetje navojev

Náběh A
No. A tipusú
Nakrój Nr.A
Con A
Заборный конус типа A

Posnetje A

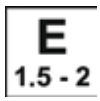


Náběh B
No. B tipusú
Nakrój Nr.B
Con B
Заборный конус типа B

Posnetje B

Náběh C
No. C tipusú
Nakrój Nr.C
Con C
Заборный конус типа C
Posnetje C

Náběh D
No. D tipusú
Nakrój Nr.D
Con D
Заборный конус типа D
Posnetje D



Náběh E
No. E tipusú
Nakrój Nr.E
Con E
Заборный конус типа E
Posnetje E

Geometrie
Horony geometria
Geometria
Geometria canalului
Геометрия канавки метчика
Oblika rezila

Spirálovitý 35°
35°-os csavarthorony
Rowek Wiórowy Spiralny 35°
Canal elicoidal 35°
Спиральная канавка 35°
Kot rezila 35°

Spirálovitý hrot
Terelőél
Spiralny
Varf spiral
Спиральная подточка
Pobrušen

Přímé drážky
csavarthorony
Prosty Rowek Wiórowy
Canale drepte
Прямая канавка
Ravni

Bez drážek
menetformázó
Bez Rowka Wiórowego
Fara canale
Безканавочный
Vtiskovalec

Upínače - ikony / Szerszámbefogó ikonok / Ikony Uchwytów Narzędziowych / Portscula / Обозначения инструментальной оснастки /

Chlazení / Hűtés / Chłodziwo / Fluid de racire / Охлаждение / hladilno mazalno sredstvo

vnitřní chlazení
belső hűtés
z chłodzeniem wewnętrznym
Prin scula
Внутренняя подача СОЖ
hlajenje skozi orodje

bez chlazení
hűtés nélkül
bez chłodzenia wewnętrznego
fara fluid
без охлаждения
brez hlajenja

Směr / Irány / Kierunek / Directia / Направление / Smer

Kompenzace tah-tlak
Tenzió-kompresszió kompenzáció
Kompensacja na rozciąganie-ściskanie
Compensare la compresiune tractiune
Двухсторонняя осевая компенсация
Natezno-kompresijska kompenzacija

Radiální kompenzace
Radiális hátszög
Luz promieniowy/poprzeczny
Joc radial
Радиальный зазор
Radialna kompenzacija

Kompenzace tahu
Tenzió-kompenzáció
Kompensacja na rozciąganie
Compensare la tractiune
Осевая компенсаци
Natezna kompenzacija

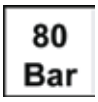
Kompenzace tahu a radiální vyrovnání
Tenzió és radiális hátszög
Rozciąganie i luz poprzeczny
Joc radial si la tractiune
Осевой и радиальный зазор
Natezna in radialna kompenzacija

Kompenzace tah-tlak a radiální vůle
Tenzió-komresszió kompenzáció és radiális hátraköszörülés
Kompensacja na ściskanie-rozciąganie i luz poprzeczny
Compensare la tractiune-compresiune si joc radial
Двухсторонняя осевая компенсация и радиальный зазор
Natezno-kompresijska kompenzacija in radialna kompenzacija

Mikro kompenzace
Mikro-kompenzáció
Mikro kompensacja
Micro compensare
Микро компесация
Mikro kompenzacija

Max. tlak / Max. nyomás / Max.ciśnienie / Max давление / Max. pritisk

50 Bar
50 Bar
50 Bar
50 Bari
50 Bar
50 Bar



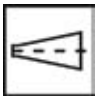
80 Bar
80 Bar
80 Bar
80 Bari
80 Bar
80 Bar

150 Bar
150 Bar
150 Bar
150 Bari
150 Bar
150 Bar

Stopka / Szár / Chwyt / Coada / Хвостовик / Vpetje

ISO kužel 1
ISO kúpos 1
ISO stożek 1
ISO con 1
ISO конус 1
ISO konus 1

ISO kužel 2
ISO kúpos 2
ISO stożek 2
ISO con 2
ISO конус 2
ISO konus 2



Morse kužel
Morse kúpos
Chwyt stożkowy Morse'a
Coada Morse
Хвостовик с конусом Морзе
Vpetje morse konus

Stavitelná stopka se závitem
Állítható menetes szár
Nastawny chwyt gwintowany
Coada filetata reglabila
Регулируемый хвостовик
Nastavljivo vpetje z navojem

VDI stopka
VDI szár
Chwyt VDI
Coada VDI
VDI-хвостовик
VDI vpetje

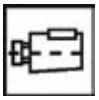
Stopka s vnitřním závitem
Belső kúpos szár
Wewnętrzny chwyt stożkowy
Coada cu con interior
Хвостовик с внутренним конусом
Notranji konus

MK s vnitřním závitem
Belső menetes MTS
MTS z gwintem wewnętrznym
Coada Morse cu filet interior
MTS-хвостовик с внутренней резьбой
MTS z notranjim navojem

Válcová stopka s ploškou
Hengeres szár lapolással
Chwyt cylindryczny ze spłaszczeniem
Coada cilindrica cu locas de cheie
Цилиндрический хвостовик с лыской
Cilindrično steblo

Weldon + whistle notsch válcová
Hengeres weldon + whistle notch
Weldon + Whistle Notch cylindryczny
Coada Weldon si Fluier
Хвостовик для Weldon + whistle notch патронов
Weldon vpetje

HSK stopka
HSK szár
Chwyt HSK
Coada HSK
HSK-хвостовик
HSK vpetje



Krátká válcová stopka
Rövid hengeres szár
Krótki chwyt cylindryczny
Coada cilindrica scurta
Короткий цилиндрический хвостовик
Kratko cilindrično steblo

tužkový typ
Pencil típus
typ palcowy
tip creion
карандашного типа
tip "svinčnik"

Ikony frézování / Menetelés ikonjai / Ikony-Frezowanie / Icoane frezare / Описание обозначений для фрез / Rezkanje - ikone

Typ
Tipus
Typ
Tip gaura
Тип
Tip

Polodokončovací lamač třísek
Középsimító forgácstörővel
Łamacz wióra do Obróbki Wstępnej
Sfaramator de aschii semifinisare
Получистовая стружкоразделительная геометрия
Polfini zob - FS

Lamač třísek jemný zaoblený
Finom menetemelkedésű, hengeres forgácstörővel
Łamacz wióra o zaokrąglonym profilu
Sfaramator de aschii rotund, pas fin
Стружкоразделительная геометрия с мелким круглым профилем

Fini zob - HR

Lamač třísek jemný asymetricky zaoblený
Finom menetemelkedésű, aszimmetrikus kerek forgácstörővel
Łamacz wióra zaokrąglony o asymetrycznym profilu
Sfaramator de aschii rotund asimetric pas fin
Стружкоразделительная геометрия с мелким профилем асимметричным круглым профилем
Asimetrični fini zob - HRA

Fréza pro oceli od nízké po vysokou rezistenci
Maró típusok acélhoz alacsony tűréstől magas tűrésig
Frez do obróbki Stali o niskiej do wysokiej wytrzymałości
Tip tais pentru otel cu rezistenta joasa-inalta
Тип фрезы для сталей с пределом прочности от низкого до высокого
Oblika rezila za jekla - normalna

Lamač třísek s plochou
Durva fogazású, sima profilú forgácstörő
Płaski profil łamacza wióra o dużym skoku
Sfaramator de aschii plat pas mare
Стружкоразделительная геометрия с крупным полукруглым профилем
Polfini - NF

Lamač třísek základní zaoblený
Durva fogazású, hengeres profilú forgácstörő
Zaokrąglony profil łamacza wióra o dużym skoku
Sfaramator de aschii rotunjit pas mare
Стружкоразделительная геометрия с крупным круглым профилем
Grobi - NR

Lamač třísek základní asymetricky zaoblený
Durva fogazású, aszimmetrikus hengeres forgácstörő
Asymetryczny zaokraglony profil łamacza wióra o dużym skoku
Sfaramator de aschii rotunjit asimetric pas mare
Стружкоразделительная геометрия с крупным

Fréza pro měkké a tvárné materiály
Marók puha és alakítható anyagokhoz
Fraz przeznaczony do obróbki materiałów miękkich i ciągliwych
Tais pentru materiale moi si maleabile
Тип фрезы для мягких и вязких материалов

Použití
Alkalmazás
Zastosowanie
Aplicatie
Применение
Aplikacija

Drážkování P9
vésés, kivágás
Rowkowanie w Tolerancji P9
Canelare P9
Обработка пазов с допуском P9
Utorno P9

Hrubování
Obróbka zgrubna
Degrosare
Черновая обработка
Grobo

Kopírování
gömbvégű
Kulisty
Cap sferic
Сферическая
Krogelni

Rohový radius
Sarok rádiusz
Z Promieniem Naroża
Toroidal
Радиусный уголок
Robni radius

T-drážky
T-alakú
Teowy
Canale T
T-образные пазы
T - utor

Woodruff drážky
Reteszhorony marás
Frez pod Wpusty
Canal de pana
пазы для сегментных шпонок
Utorni

Zaoblování
Sarok lekerekítése
Frez do Zaokrągleń Naroży
Rotunjiri colturi
Обрабока выпуклых радиусов
Zunanji radius

Rybinovité drážky
Fecskefarkú
Frez do Rowków Trapezowych
Coada de randunica
Пазы типа “ласточкин хвост”
Lastovičji rep

Rybinovité drážky inverzní
Fordított fecskefarkú
Frez do Rowków Trapezowych Odwrotny
Conica
Пазы типа “ обратный ласточкин хвост”
Obrnjen lastovičji rep

Nástrčné frézy
Homlokmarás
Frez Walcowo-Czołowy
Cilindrica cu alezaj
Обработка уступов
Čelno valjčni

Stranové a čelní/pilky
Horonymarás
Frez Tarczowy Trzystronny
Disc alternant/ferastrau
Обработка пазов
Stransko in čelno/žage

Úhlové nástrčné
Ferde horonymarás
Frez Kątowy Walcowo-Czołowy Jednostronny
Conica cu alezaj
Обработка угловых пазов
Kotni - čelno valjčni

Dokončování
Simítás
Wykańczający
Finisare
Чистовая обработка
Končna obdelava

víceoperační
Univerzális
wielozadaniowy
multioperatie
универсальный
več namenski

Ikony frézování / Menetelés ikonjai / Ikony-Frezowanie / Icoane frezare / Описание обозначений для фрез / Rezkanje - ikone

Hloubka řezu
Vágó hossz
Długość
Lungime tais
Глубина обработки
Dolžina rezila

Extra krátké
Extra rövid
Bardzo Krótka
Extrascurt
Сверхкороткая
Extra kratka

Krátké
Rövid
Krótka
Scurt
Короткая
Kratka

Střední
Közepes
Średna
Mediu
Средняя
Srednja

Dlouhé
Hosszú
Długa
Lung
Длинная
Dolga

Extra dlouhé
Extra hosszú
Bardzo Długa
Extralung
Сверхдлинная
Extra dolga

Stopka
Késszár
Chwyt
Coada
Хвостовик
Steblo

Tolerance průměru
Szártűrés
Tolerancja
Toleranta cozii
Допуск на диаметр
Toleranca premera

e8 celé a půl rozměry, h10 ostatní
e8 egész és feles méreteknél, h10 a többinél
e8 pełne i pół średnice, h10 pozostałe
e8 pentru diametre intregi si jumatati, h10 pentru celelalte valori
e8 на весь или половину диаметра, h10 остальные
e8 za premer in polmer, h10 za ostale

Normální
Normál
Normalny
Normal
Нормальный
Normalni

Ikony frézování / Menetelés ikonjai / Ikony-Frezowanie / Icoane frezare / Описание обозначений для фрез / Rezkanje - ikone

zuby (z)
Élek száma
ostrze
Nr. Dinti
зубья
zobje


z 1


z 2

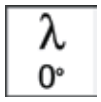

z2 kulová
z2 gömbvégű
z2 kulisty
z2 sferic
z2 со сферическим концом
z2 radius


z 3


z4 + středový břit
z4 központos
z4+ ostrze centrujące
z4 + tais central
z4 + с прекрытием центра
z4 + brušen do sredine


z4 + kulová
z4 gömbvégű
z4+ kulisty
z4 + sferic
z4 + со сферическим концом
z4+ radius

Úhel spirály
Spirális
emelkedési szög
Kat Pochylenia
Linii Śrubowej
Rowka Wiórowego
Unghiul elicii
Угол подъема
винтовой
канавки
Kot vijačnice



Vysokorychlostní obrábění
Nagysebességű forgácsolás
Wysokowydajne
Uzinare cu viteze mari
Высокоскоростная обработка
Visokohitrostna obdelava

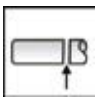
Ikony upichování / Daraboló szerszámok ikonjai / Ikony-Przecinaki / Icoane scule debitare / Описание обозначений для отрезных резцов / Odrezilno orodje - ikone

Úhel břitu
Darabolás sarok °
° Przecinaka
° tais retezare
Угол в плане при отрезке
Odrezilni kot

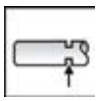
8° levý
8° Balos
8° Lewy
8° stanga
8° Левый
8° Levi

15° pravý
15° jobbos
15° Prawy
15° dreapta
15° Правый
15° Desni

Použití
Alkalmazás
Zastosowanie
Aplicatie
Применение
Aplikacija



Upichování
Vágás
Przecinanie
Debitare
Отрезка
Odrezavanje



Zápichy
Beszúrás
Rowkowanie
Canelare
Обработка канавок
Utorno

Typ
Alak
Kształt
Forma
Форма сечения
Oblika

Kruhový
Hengeres
Okrągły
Rotunda
Круглое
Okrogla

Čtvercový
Négyszög
Kwadratowy
Patrata
Квадратное
Kvadratna

Obdélníkový
Négyszögletes
Prostokatny
Dreptunghiulara
Прямоугольное
Pravokotna

Nepravidelný
Szabálytalan
Nieregularny
Neregulata
Неправильное
Nepravilna

Směr řezu
Vágásirány
Kierunek skrawania
Directia de taiere
Тип резца
Smer rezanja

Pravý
Jobbos
Prawy
Dreapta
Правый
Desna

Levý
Balos
Lewy
Stanga
Левый
Leva

Velikost destičky
Lapkaméret
Wymiar Płytki
Dimensiunea placutei
Размер пластинки
Velikost ploščic

m/Min		5	8	10	15	20	25	30	40	50	60	70	80	90	100	110	150
Feet/Min		16	26	32	50	66	82	98	130	165	197	230	262	296	330	362	495
Ø		Vc ↔ RPM															
mm	inch																
1,00		1592	2546	3183	4775	6366	7958	9549	12732	15916	19099	22282	25465	28648	31831	35014	47747
1,50		1061	1698	2122	3183	4244	5305	6366	8488	10610	12732	14854	16977	19099	21221	23343	31831
2,00		796	1273	1592	2387	3183	3979	4775	6366	7958	9549	11141	12732	14324	15916	17507	23873
2,50		637	1019	1273	1910	2546	3183	3820	5093	6366	7639	8913	10186	11459	12732	14006	19099
3,00		531	849	1061	1592	2122	2653	3183	4244	5305	6366	7427	8488	9549	10610	11671	15916
3,18	1/8	500	801	1001	1501	2002	2502	3003	4004	5005	6006	7007	8008	9009	10010	11011	15015
3,50		455	728	909	1364	1819	2274	2728	3638	4547	5457	6366	7276	8185	9095	10004	13642
4,00		398	637	796	1194	1592	1989	2387	3183	3979	4775	5570	6366	7162	7958	8754	11937
4,50		354	566	707	1061	1415	1768	2122	2829	3537	4244	4951	5659	6366	7074	7781	10610
4,76	3/16	334	535	669	1003	1337	1672	2006	2675	3344	4012	4681	5350	6018	6687	7356	10031
5,00		318	509	637	955	1273	1592	1910	2546	3183	3820	4456	5093	5730	6366	7003	9549
6,00		265	424	531	796	1061	1326	1592	2122	2653	3183	3714	4244	4775	5305	5836	7958
6,35	1/4	251	401	501	752	1003	1253	1504	2005	2506	3008	3509	4010	4511	5013	5514	7519
7,00		227	364	455	682	909	1137	1364	1819	2274	2728	3183	3638	4093	4547	5002	6821
7,94	5/16	200	321	401	601	802	1002	1203	1604	2004	2405	2806	3207	3608	4009	4410	6013
8,00		199	318	398	597	796	995	1194	1592	1989	2387	2785	3183	3581	3979	4377	5968
9,00		177	283	354	531	707	884	1061	1415	1768	2122	2476	2829	3183	3537	3890	5305
9,53	3/8	167	267	334	501	668	835	1002	1336	1670	2004	2338	2672	3006	3340	3674	5010
10,00		159	255	318	477	637	796	955	1273	1592	1910	2228	2546	2865	3183	3501	4775
11,11	7/16	143	229	287	430	573	716	860	1146	1433	1719	2006	2292	2579	2865	3152	4298
12,00		133	212	265	398	531	663	796	1061	1326	1592	1857	2122	2387	2653	2918	3979
12,70	1/2	125	201	251	376	501	627	752	1003	1253	1504	1754	2005	2256	2506	2757	3760
14,00		114	182	227	341	455	568	682	909	1137	1364	1592	1819	2046	2274	2501	3410
14,29	9/16	111	178	223	334	446	557	668	891	1114	1337	1559	1782	2005	2228	2450	3341
15,00		106	170	212	318	424	531	637	849	1061	1273	1485	1698	1910	2122	2334	3183
15,88	5/8	100	160	200	301	401	501	601	802	1002	1203	1403	1604	1804	2004	2205	3007
16,00		99	159	199	298	398	497	597	796	995	1194	1393	1592	1790	1989	2188	2984
17,46	11/16	91	146	182	273	365	456	547	729	912	1094	1276	1458	1641	1823	2005	2735
18,00		88	141	177	265	354	442	531	707	884	1061	1238	1415	1592	1768	1945	2653
19,05	3/4	84	134	167	251	334	418	501	668	835	1003	1170	1337	1504	1671	1838	2506
20,00		80	127	159	239	318	398	477	637	796	955	1114	1273	1432	1592	1751	2387
24,00		66	106	133	199	265	332	398	531	663	796	928	1061	1194	1326	1459	1989
25,00		64	102	127	191	255	318	382	509	637	764	891	1019	1146	1273	1401	1910
27,00		59	94	118	177	236	295	354	472	589	707	825	943	1061	1179	1297	1768
30,00		53	85	106	159	212	265	318	424	531	637	743	849	955	1061	1167	1592
32,00		50	80	99	149	199	249	298	398	497	597	696	796	895	995	1094	1492
36,00		44	71	88	133	177	221	265	354	442	531	619	707	796	884	973	1326
40,00		40	64	80	119	159	199	239	318	398	477	557	637	716	796	875	1194
50,00		32	51	64	95	127	159	191	255	318	382	446	509	573	637	700	955

HV Vickers	HRC Rockwell	HB Brinell	Tensile Strength Newtons/ mm^2	Tons/ sq. in.
940	68			
900	67			
864	66			
829	65			
800	64			
773	63			
745	62			
720	61			
698	60			
675	59			
655	58		2200	142
650		618	2180	141
640		608	2145	139
639	57	607	2140	138
630		599	2105	136
620		589	2070	134
615	56	584	2050	133
610		580	2030	131
600		570	1995	129
596	55	567	1980	128
590		561	1955	126
580		551	1920	124
578	54	549	1910	124
570		542	1880	122
560	53	532	1845	119
550		523	1810	117
544	52	517	1790	116
540		513	1775	115
530		504	1740	113
527	51	501	1730	112
520		494	1700	110
514	50	488	1680	109
510		485	1665	108
500		475	1630	105
497	49	472	1620	105
490		466	1595	103
484	48	460	1570	102
480		456	1555	101
473	47	449	1530	99
470		447	1520	98
460		437	1485	96
458	46	435	1480	96
450		428	1455	94
446	45	424	1440	93
440		418	1420	92

HV Vickers	HRC Rockwell	HB Brinell	Tensile Strength Newtons/ mm^2	Tons/ sq. in.
434	44	413	1400	91
423	43	402	1360	88
413	42	393	1330	86
403	41	383	1300	84
392	40	372	1260	82
382	39	363	1230	80
373	38	354	1200	78
364	37	346	1170	76
355	36	337	1140	74
350		333	1125	73
345	35	328	1110	72
340		323	1095	71
336	34	319	1080	70
330		314	1060	69
327	33	311	1050	68
320		304	1030	67
317	32	301	1020	66
310	31	295	995	64
302	30	287	970	63
300		285	965	62
295		280	950	61
293	29	278	940	61
290		276	930	60
287	28	273	920	60
285		271	915	59
280	27	266	900	58
275		261	880	57
272	26	258	870	56
270		257	865	56
268	25	255	860	56
265		252	850	55
260	24	247	835	54
255	23	242	820	53
250	22	238	800	52
245		233	785	51
243	21	231	780	50
240		228	770	50
235		223	755	49
230		219	740	48
225		214	720	47
220		209	705	46
215		204	690	45
210		199	675	44
205		195	660	43
200		190	640	41

	Ø mm							
	> 1 ≤ 3	> 3 ≤ 6	> 6 ≤ 10	> 10 ≤ 18	> 18 ≤ 30	> 30 ≤ 50	> 50 ≤ 80	> 80 ≤ 120
e8	-14 / -28	-20 / -38	-25 / -47	-32 / -59	-40 / -73	-50 / -89	-60 / -106	-72 / -126
f6	-6 / -12	-10 / -18	-13 / -22	-16 / -27	-20 / -33	-25 / -41	-30 / -49	- 36 / -58
f7	-6 / -16	-10 / -22	-13 / -28	-16 / -34	-20 / -41	-25 / -50	-30 / -60	-36 / -71
h6	0 / -6	0 / -8	0 / -9	0 / -11	0 / -13	0 / -16	0 / -19	0 / -22
h7	0 / -10	0 / -12	0 / -15	0 / -18	0 / -21	0 / -25	0 / -30	0 / -35
h8	0 / -14	0 / -18	0 / -22	0 / -27	0 / -33	0 / -39	0 / -46	0 / -54
h9	0 / -25	0 / -30	0 / -36	0 / -43	0 / -52	0 / -62	0 / -74	0 / -87
h10	0 / -40	0 / -48	0 / -58	0 / -70	0 / -84	0 / -100	0 / -120	0 / -140
h11	0 / -60	0 / -75	0 / -90	0 / -110	0 / -130	0 / -160	0 / -190	0 / -220
h12	0 / -100	0 / -120	0 / -150	0 / -180	0 / -210	0 / -250	0 / -300	0 / -350
k10	+40 / 0	+48 / 0	+58 / 0	+70 / 0	+84 / 0	+100 / 0	+120 / 0	+140 / 0
k12	+100 / 0	+120 / 0	+150 / 0	+180 / 0	+210 / 0	+250 / 0	+300 / 0	+350 / 0
m7	+2 / +12	+4 / +16	+6 / +21	+7 / +25	+8 / +29	+9 / +34	+11 / +41	+13 / +48
js14	+/- 125	+/- 150	+/- 180	+/- 215	+/- 260	+/- 310	+/- 370	+/- 435
js16	+/- 300	+/- 375	+/- 450	+/- 550	+/- 650	+/- 800	+/- 950	+/- 1100
H7	+10 / 0	+12 / 0	+15 / 0	+18 / 0	+21 / 0	+25 / 0	+30 / 0	+35 / 0
H8	+14 / 0	+18 / 0	+22 / 0	+27 / 0	+ 33 / 0	+39 / 0	+46 / 0	+54 / 0
H9	+25 / 0	+30 / 0	+36 / 0	+43 / 0	+52 / 0	+62 / 0	+74 / 0	+87 / 0
H12	+100 / 0	+120 / 0	+150 / 0	+180 / 0	+210 / 0	+250 / 0	+300 / 0	+ 350/ 0
P9	-6 / -31	-12 / -42	-15 / -51	-18 / -61	-22 / -74	-26 / -86	-32 / -106	-37 / -124