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

	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
	19°	19°	27°	27°	19°		19°	19°	19°	19°	19°	19°	19°
	DIN 6535 HA	DIN 6535 HB	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HA	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB	DIN 6535 HB	DIN 6535 HA
	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

H

Ø	ap= 1 x d_1	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

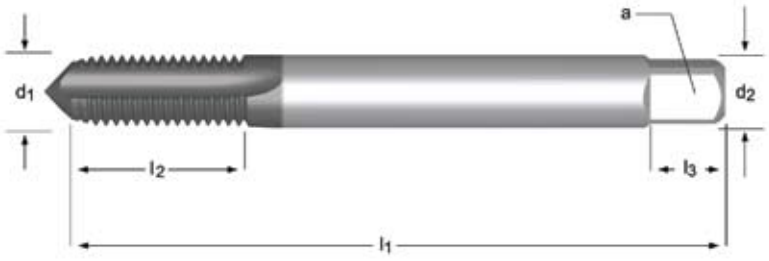
d_1	A ap= 1 x d_1	A ap= 2 x d_1	B ap= 1 x d_1	B ap= 2 x d_1	C ap= 1 x d_1	C ap= 2 x d_1
3,2	0,010	0,005	0,011	0,006	0,017	0,012
4,1	0,009	0.007	0,012	0,008	0,014	0,011
4,8	0,012	0,009	0,015	0,010	0,017	0,014
6,5	0,017	0,014	0,027	0,017	0,030	0,025
16	0.061	0,033	0,064	0,036	0,066	0,033
19	0,085	0,044	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

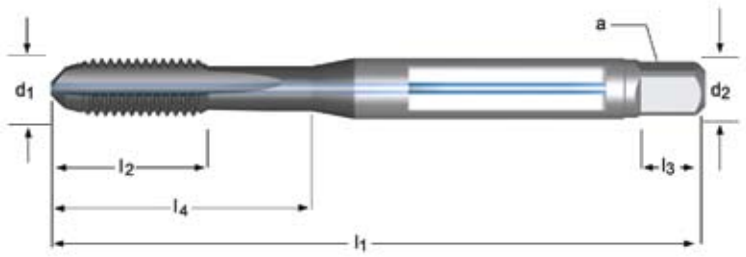
● 1.8 3.1 3.2 6.4 7.4 8.2 8.3 10.1

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

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- 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

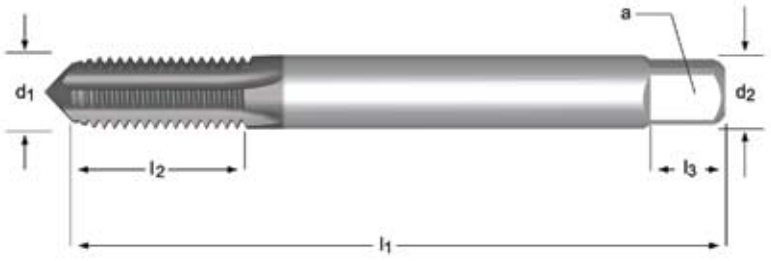
● 3.3 3.4 6.4 7.3 8.2 8.3

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

M | HM | TiAlN | DIN 371 | 6HX | 2xD | C 2 - 3

■ 1.8

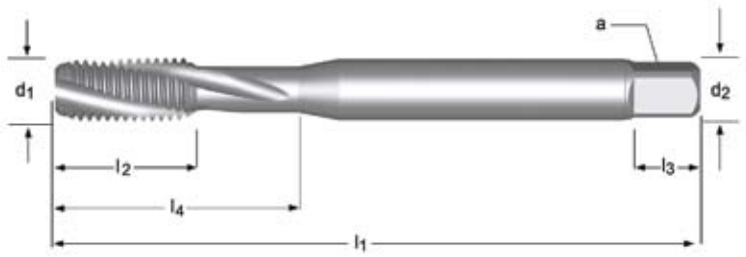
● 1.7

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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- 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

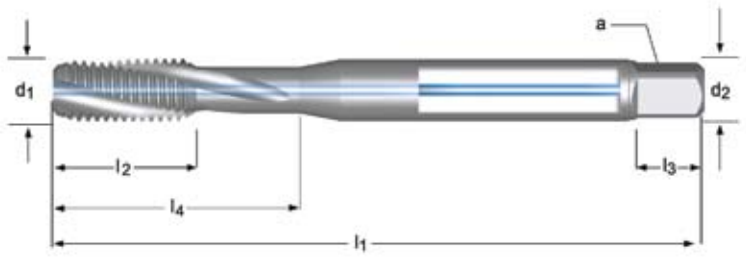
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code	
3	0.50	56	10	3.5	2.7	6	3	2.6		**T105M3**	1)
4	0.70	63	13	4.5	3.4	6	3	3.4		**T105M4**	1)
5	0.80	70	16	6	4.9	8	3	4.3		**T105M5**	1)
6	1.00	80	19	6	4.9	8	3	5.1	30	**T105M6**	
8	1.25	90	22	8	6.2	9	3	6.9	35	**T105M8**	
10	1.50	100	24	10	8.0	11	3	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**	

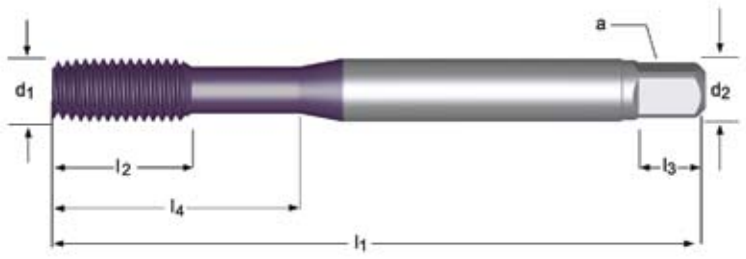
1) bez krčku / áteső szárú / bez przewężenia chwytu / fara gat / без занижения / brez vratu na steblu

T115

DORMER

- 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

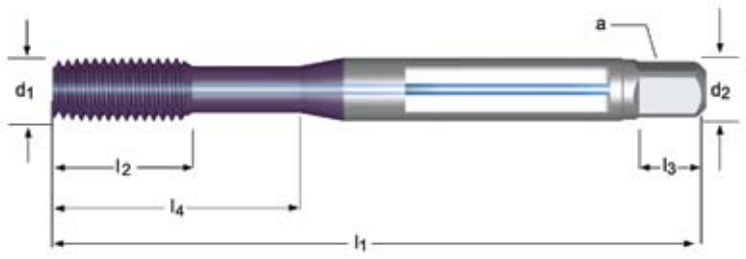
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		l_4 mm	e-Code	
3	0.50	56	10	3.5	2.7	6	2.8		**T115M3**	1)
4	0.70	63	13	4.5	3.4	6	3.7		**T115M4**	1)
5	0.80	70	16	6	4.9	8	4.6		**T115M5**	1)
6	1.00	80	19	6	4.9	8	5.5	30	**T115M6**	
8	1.25	90	22	8	6.2	9	7.4	35	**T115M8**	
10	1.50	100	24	10	8.0	11	9.3	39	**T115M10**	

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

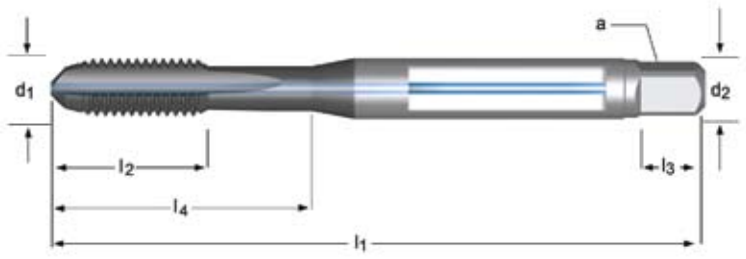
● 2.4 5.2 6.1 6.3

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

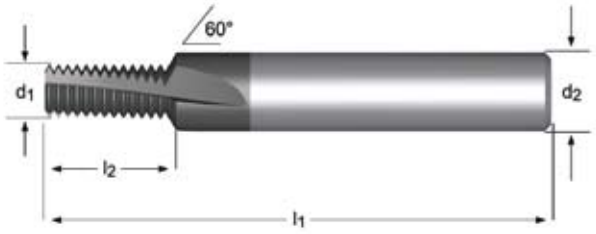
■ 3.1 3.2 7.4 10.1

● 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

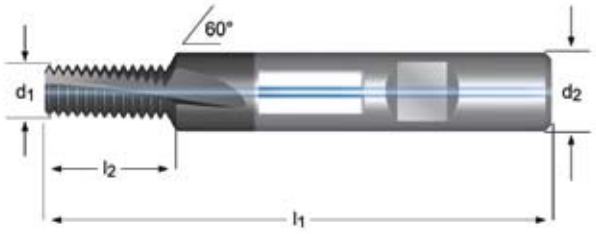
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

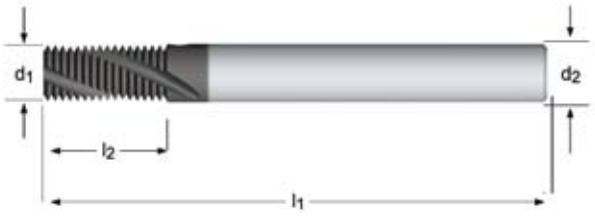
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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
- Freze pentru filetare
- Menetmaró
- Резьбовые фрезы
- Frezy do gwintów
- rezkar navojni



J110

M | HM | TiAlN X | D | 2xD | 27° | DIN 6535 HA

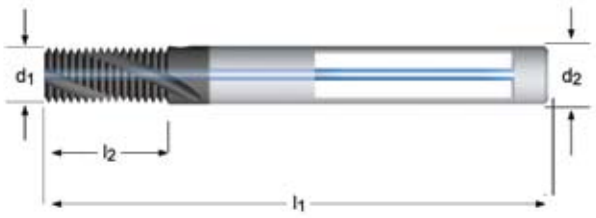
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

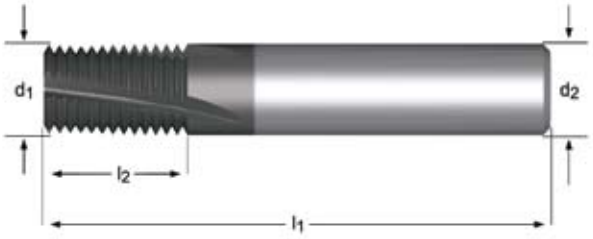
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

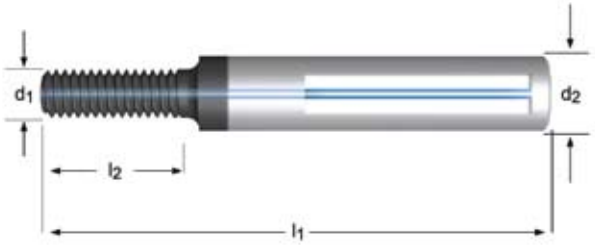
■ 1.7 1.8 7.4 8.2 8.3 10.1

● 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
- Freza de filetare prin deformare orbitala
- Ívpályás menetmaró-formázó
- Раскатник, метод винтовой интерполяции (Orbital Thread Former)
- Wygniatak orbitalny
- Navojni rezkar



J500

■ 7.1 7.2 7.3 7.4

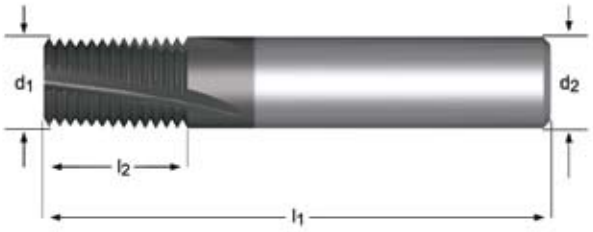
● 6.1

⩾	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

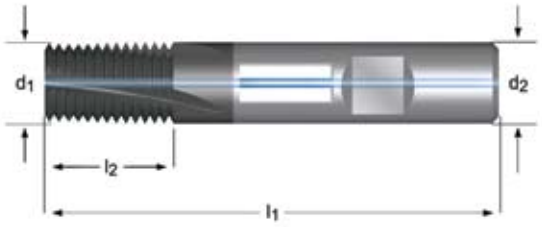
● 1.7 1.8 2.1 2.2 2.3 5.1 5.2 5.3 10.1

⩾	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

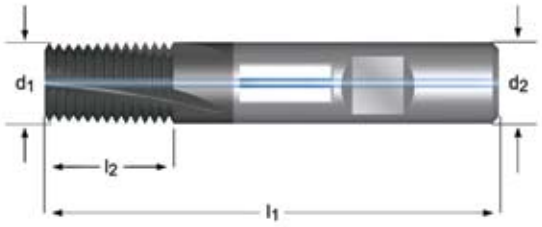
● 1.7 1.8 10.1

⩾	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

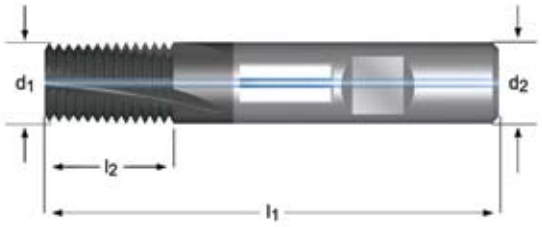
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

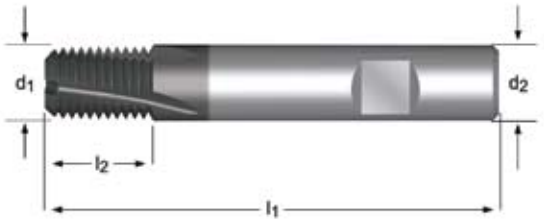
■ 1.1 1.2 1.3 1.4 1.5 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

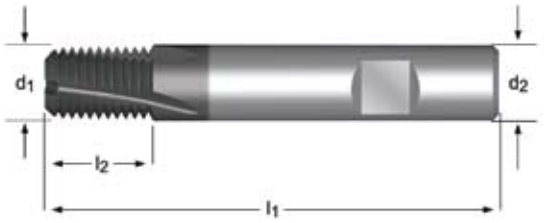
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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

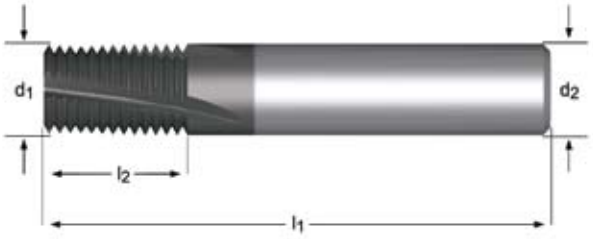
■ 1.1 1.2 1.3 1.4 1.5 1.6 3.1 3.2 3.3 3.4 4.1 4.2 4.3 6.1 6.2 6.3 6.4 7.1 7.2 7.3 7.4 8.1 8.2 8.3

● 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
	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE	GRADE LINE							
	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
														19°	19°	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																

DORMER

	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
	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 TiAlN	HSS	HSS TiN	CS	HSS	HSCo	HSCo TiN	HSS XS1 Gold	HSS XS1 ST	HSS XS1 TiAlN	HSS XS1 ST	HSS XS1 Super a	HSS ST	HSS	HSCo
	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
				40°					40°	40°					
	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

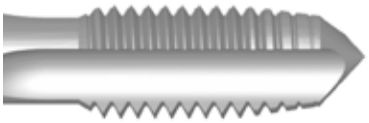
	E033	E095	E530	E597	E570	E531	E534	E533	E536	E539	E538	E542	E545	E544
	UNF	UNF	UNF	UNF	UN	BSW	BSW	BSW	BSF	BSF	BSF	BA	BA	BA
														
	HSS XS1	HSS XS1	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS	HSS
	ST	ST		CrN			ST	ST		ST	ST		ST	ST
	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	ISO 529	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
	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														

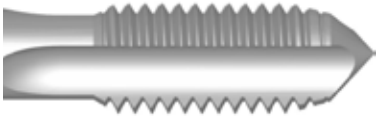
	E416	E282	E119	E284	E040	E041	E362	E283	E042	E043	E547	E562	E550
	G	G	G	G	G	G	G	G	G	G	G	G	Rc
													
	HSCo	HSCo	HSS	HSCo	HSS XS1	HSS XS1	HSCo	HSCo	HSS XS1	HSS XS1	HSS	HSS	HSS
	N				Gold	ST	ST		Gold	ST		TIN	
	DIN 5156	DIN 5156	DIN 5157	DIN 5156	ISO	ISO	DIN 5156	DIN 5156	ISO	ISO	ISO 2284	ISO 2284	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		
	15°	30°									
	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

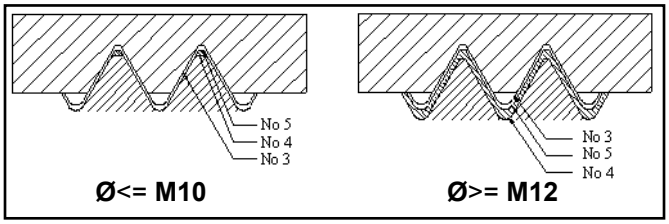
NO1 =  6-8 x P 

NO2 =  4-6 x P 

NO3 =  2-3 x P 

NO4 =  3-5 x P

NO5 =  2-3 x P



NO6 = NO1 + NO2 + NO3

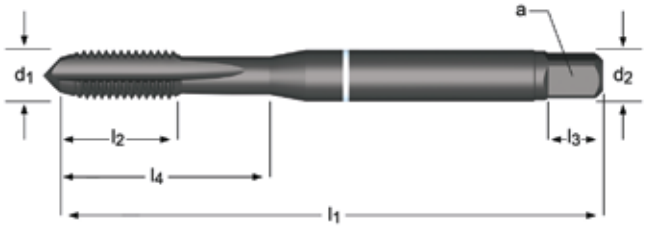
NO7 = NO2 + NO3

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



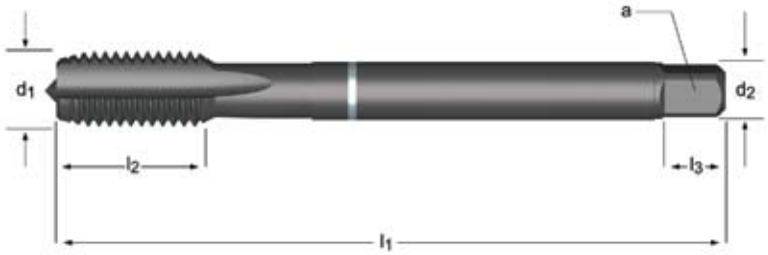
L300 391

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

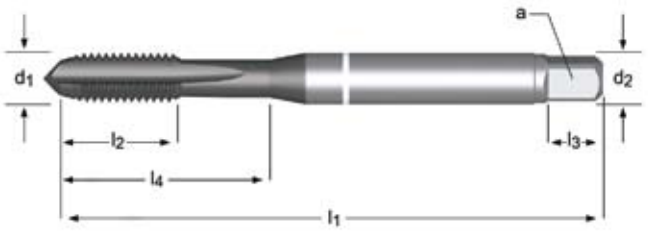
M | HSCo XP | N | DIN 376 | 6HX | 2xD | C 2 - 3

■ 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

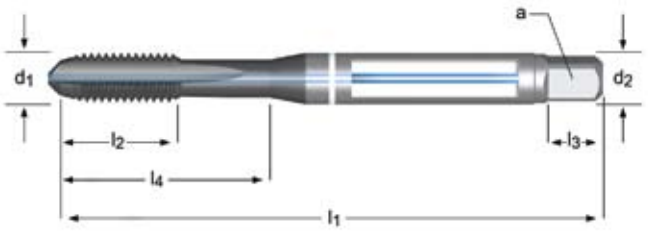
■ 3.1 3.2 3.3 8.2

● 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



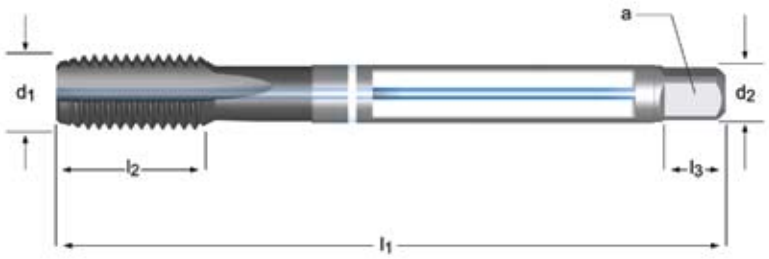
E462

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

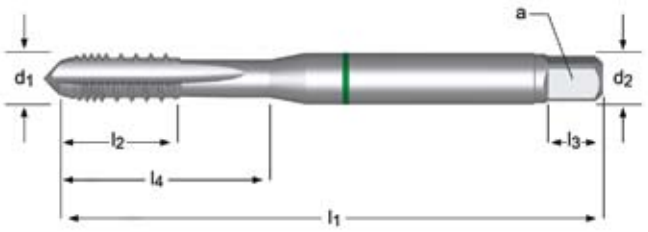
■ 3.1 3.2 3.3 8.2

● 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

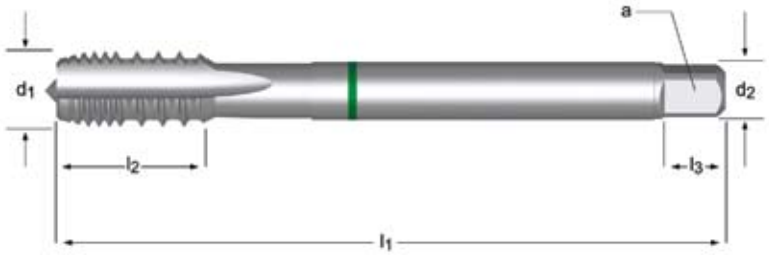
E352

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

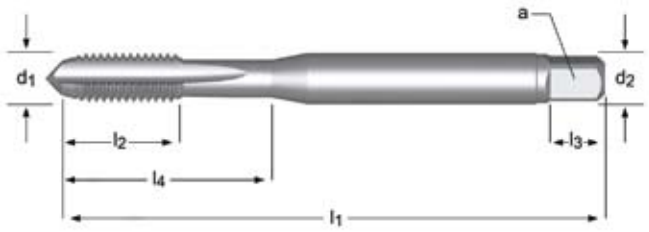
■ 7.2 7.3 7.4

● 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

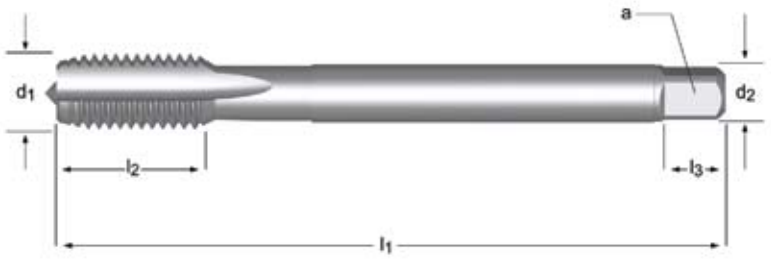
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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

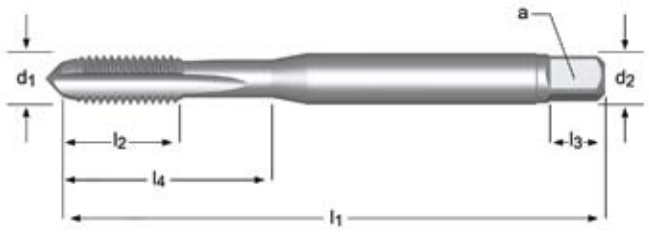
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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

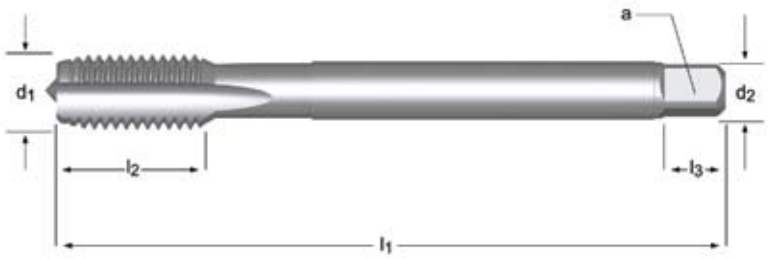


E237

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

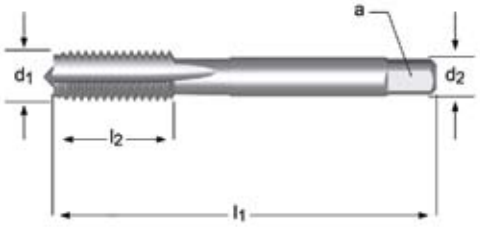
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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 | NO8
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

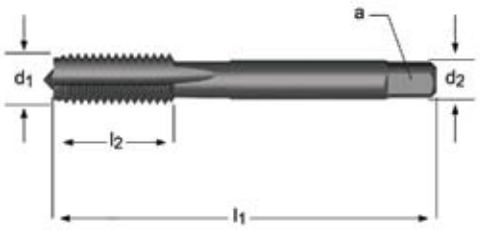
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z	↔	e-Code
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO3**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO4**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO5**
45	4.50	160	65	36.0	29.0	6	40.5	**E100M45NO8**
48	5.00	180	70	36.0	29.0	6	43	**E100M48NO3**
48	5.00	180	70	36.0	29.0	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

DORMER

- 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

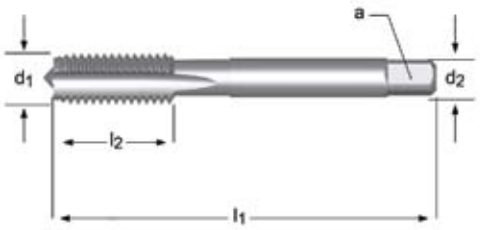
● 1.1 1.2 1.3 1.4 1.5 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.1 4.2 4.3 5.1 5.2 5.3 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

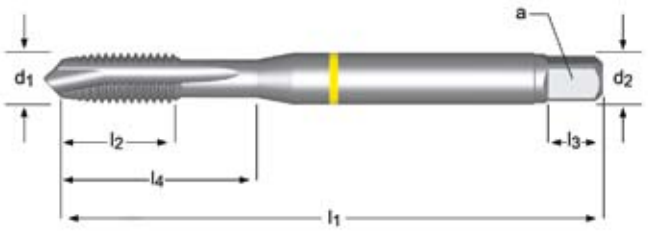
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

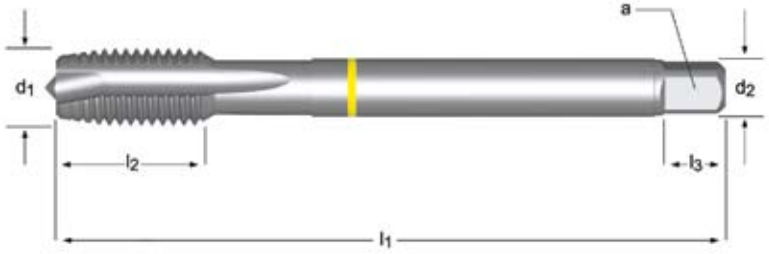
E348

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

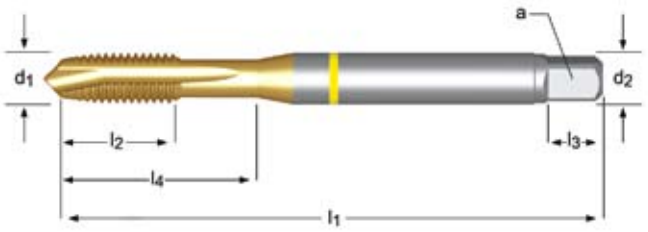
■ 1.1 1.2 1.3 6.1 6.3

● 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



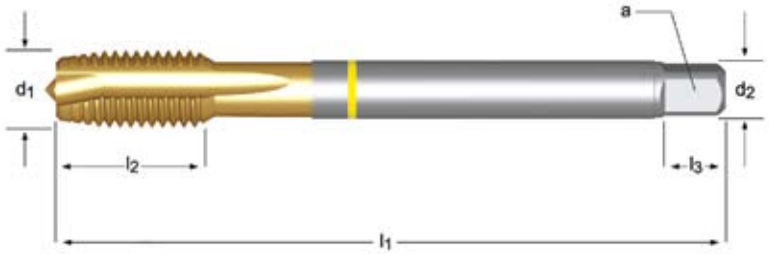
E206

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

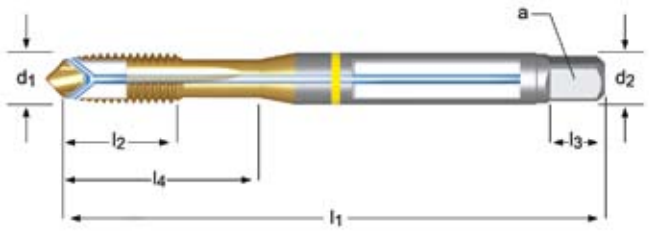
■ 1.1 1.2 1.3 6.1 6.3

● 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



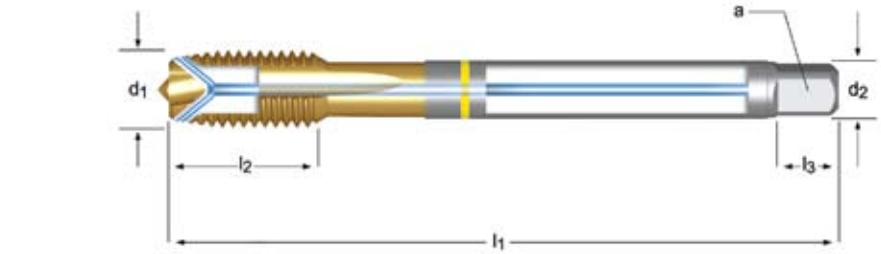
E375

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

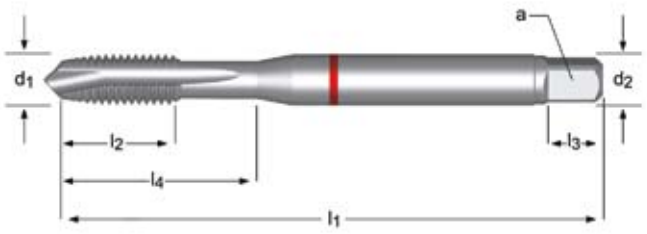
● 1.4 1.5 6.2

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

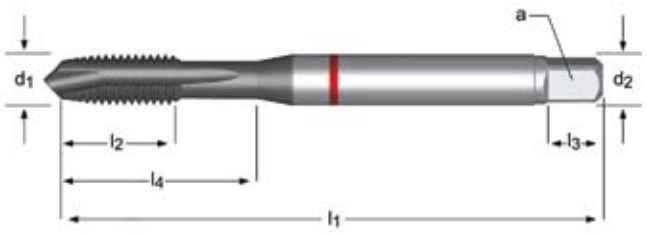
● 1.5 1.6 4.2 5.2

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

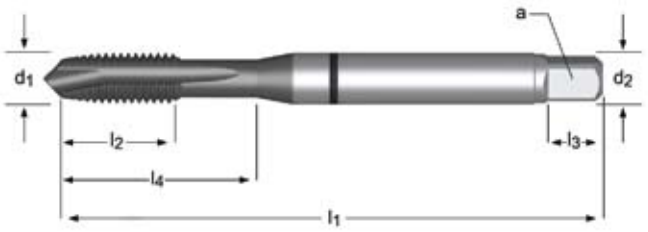
■ 1.4 1.5

● 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



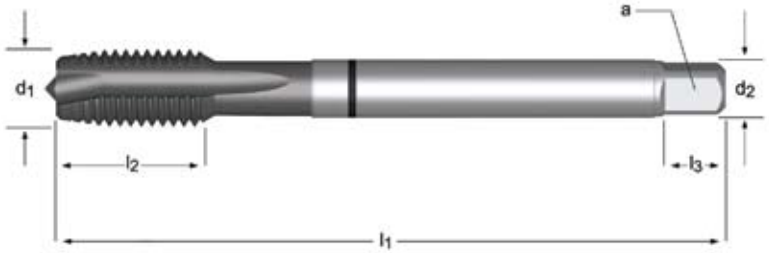
E324

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

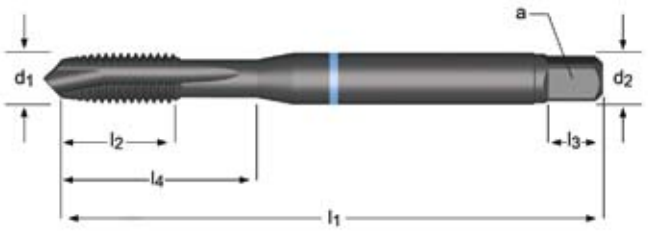
■ 1.5 1.6 4.2 4.3

● 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

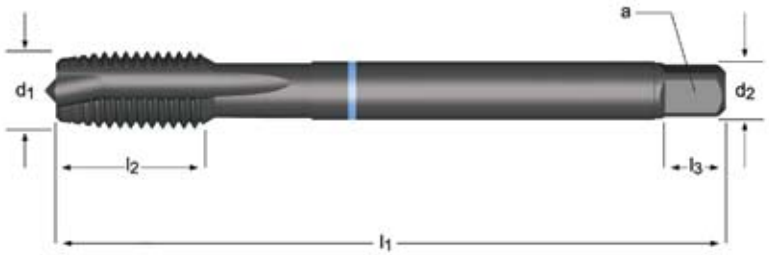
E344

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

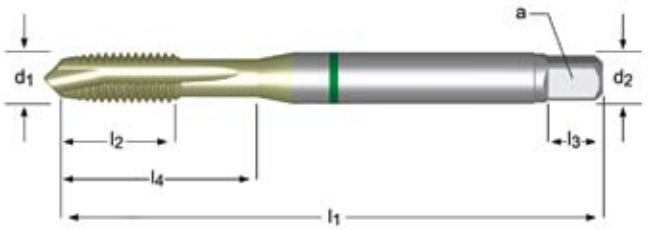
■ 2.1 2.2 2.3

● 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



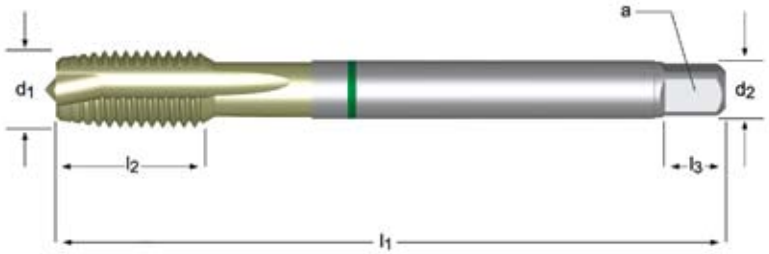
E448

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

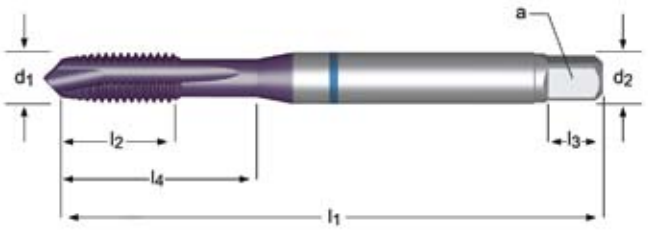
■ 1.1 1.2 1.3 4.1 5.1 6.2 6.3 7.1 7.2 7.3 8.1

● 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



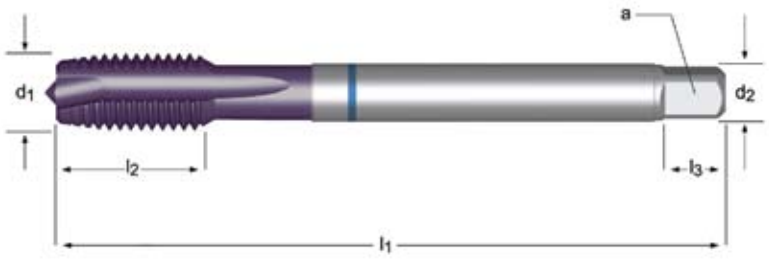
E454

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

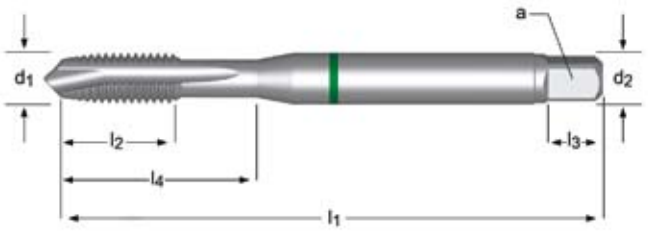
■ 2.1 2.2 2.3 4.1 4.2 5.1 5.2

● 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
- 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

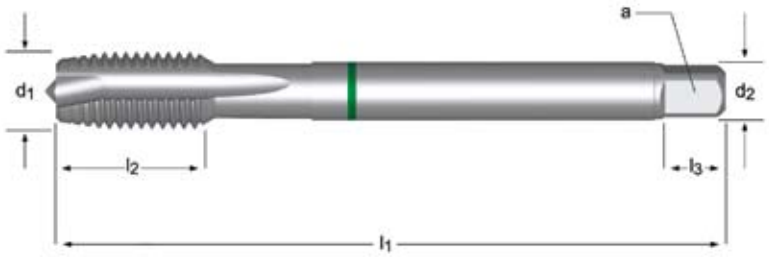
E358

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

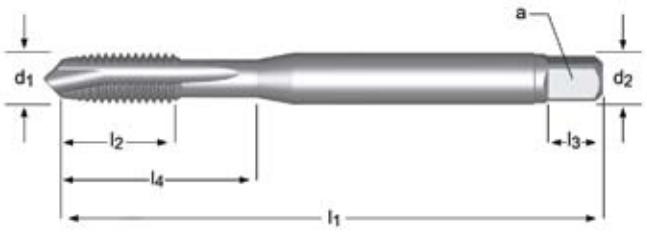
■ 6.2 6.3 7.1 7.2 7.3 8.1

● 1.1 1.2 1.3 6.1 7.4

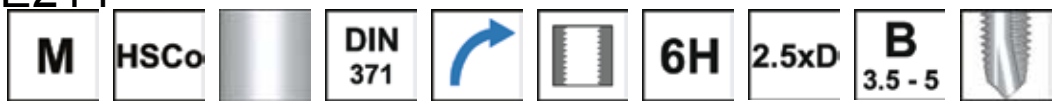
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7.0	10	3	10.3	**E359M12**
14	2.00	110	25	11	9.0	12	4	12	**E359M14**
16	2.00	110	25	12	9.0	12	4	14	**E359M16**

E214

- Strojní závitníky
- Tarozi de masina
- Gépi Menetfúró
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E214



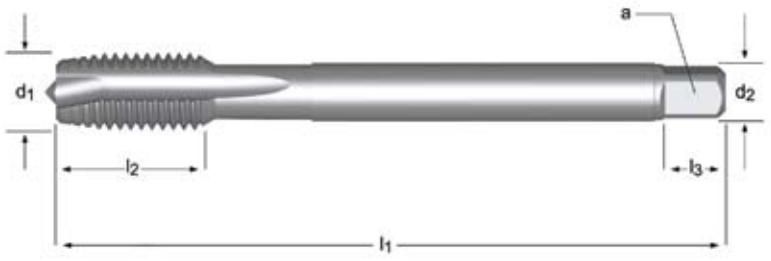
■ 1.2 1.3 1.4

● 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

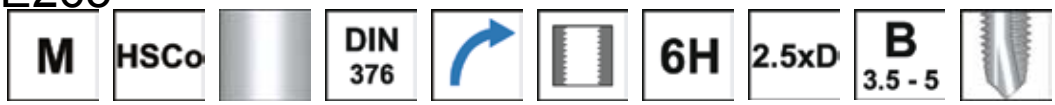
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		l_4 mm	e-Code
2	0.40	50	6	2.8	2.1	5	3	1.6	9	**E214M2**
2.5	0.45	50	8	2.8	2.1	5	3	2.1	12.5	**E214M2.5**
3	0.50	56	9	3.5	2.7	6	3	2.5	18	**E214M3**
3.5	0.60	56	11	4.0	3.0	6	3	2.9	20	**E214M3.5**
4	0.70	63	12	4.5	3.4	6	3	3.3	21	**E214M4**
4.5	0.75	70	13	6.0	4.9	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



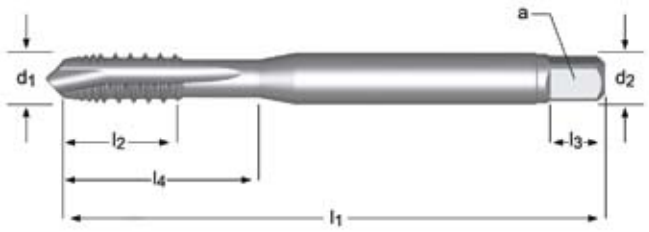
■ 1.2 1.3 1.4

● 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



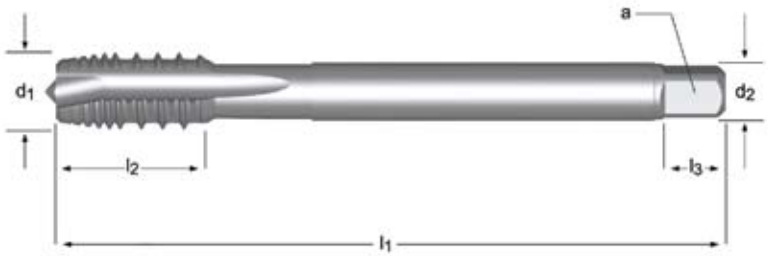
E216

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

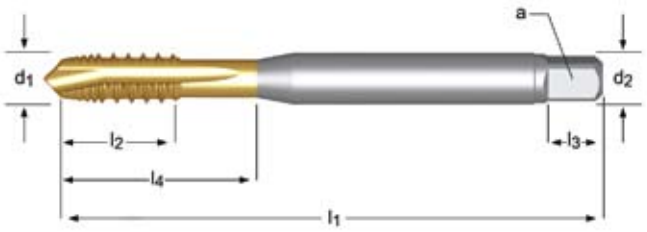
■ 1.2 1.3 1.4

● 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



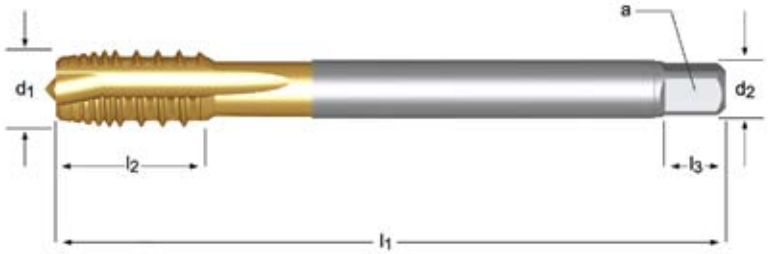
E422

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

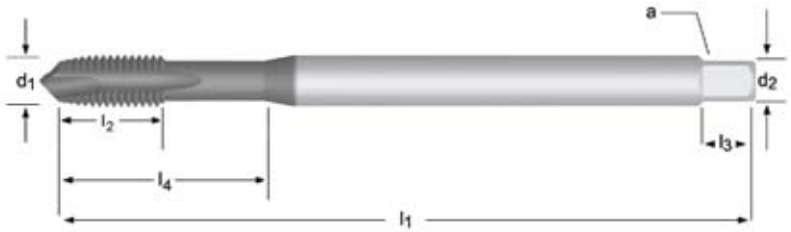
● 1.1 1.5 3.1 3.2 3.3 3.4 4.1 4.3 5.1 5.2 6.1 6.2 6.3 7.1 7.2 7.3 7.4 8.1

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

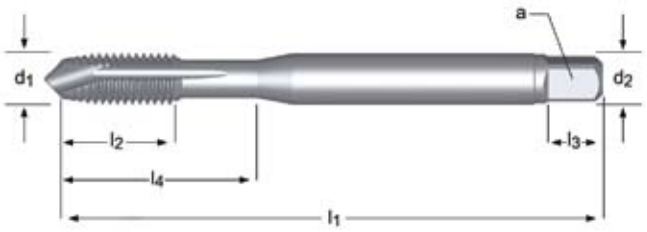
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 1.6 2.1 2.2 2.3 3.1 3.2 3.3 3.4 4.2 5.2 6.2 7.1

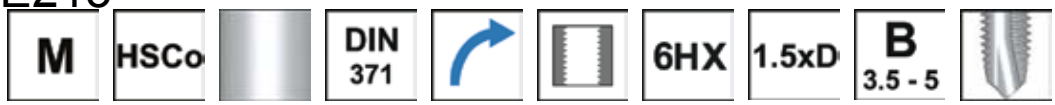
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	l_4 mm	e-Code
3	0.50	112	9	3.5	2.7	6	3	2.5	18	**E616M3**
4	0.70	112	12	4.5	3.4	6	3	3.3	21	**E616M4**
5	0.80	125	13	6.0	4.9	8	3	4.2	25	**E616M5**
6	1.00	125	15	6.0	4.9	8	3	5	30	**E616M6**
8	1.25	140	18	8.0	6.2	9	3	6.8	40	**E616M8**
10	1.50	160	20	10.0	8.0	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



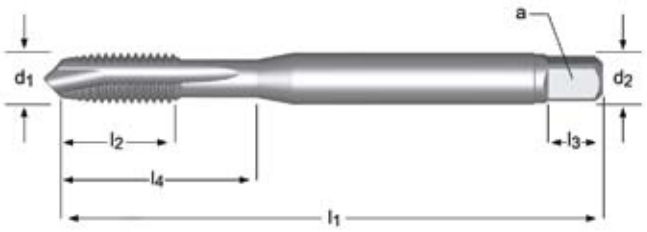
■ 1.2 8.1

● 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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



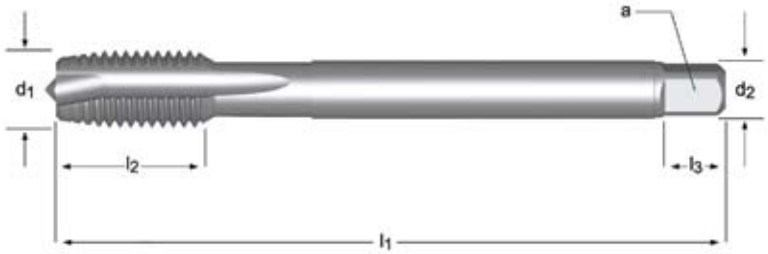
E197

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

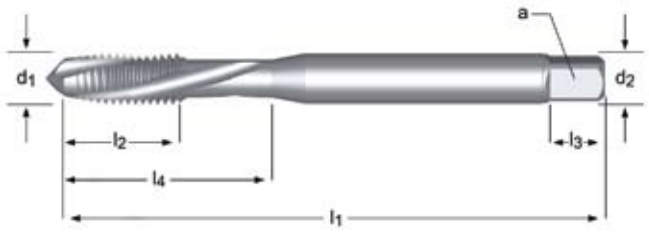
■ 1.2 1.3 1.4

● 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



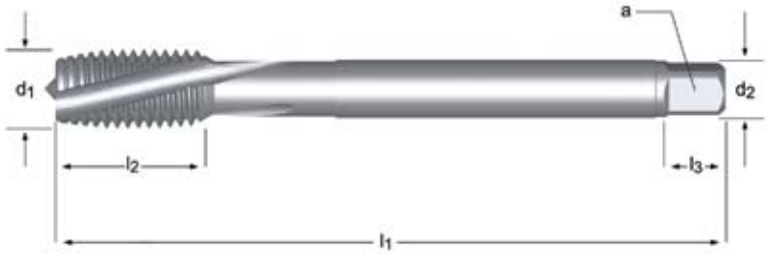
E235

M | HSCo | DIN 371 | 6H | 2xD | A 6 - 8 | 15°

■ 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

M | HSCo | DIN 376 | 6H | 2xD | A 6 - 8 | 15°

■ 1.3 1.4

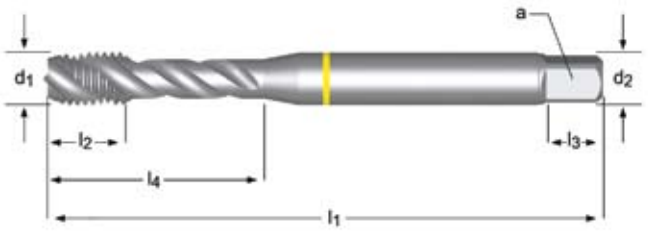
● 1.2 1.5 7.2 7.3

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

DORMER

- 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

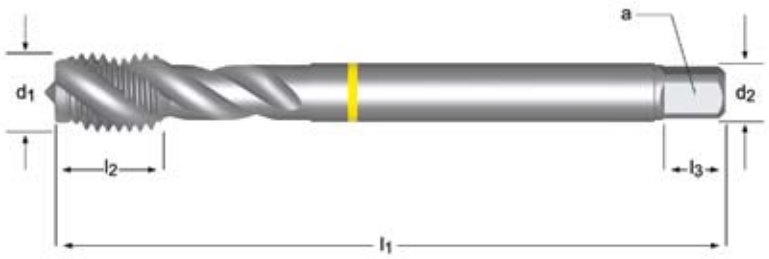
E350

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



SHARK LINE

E351

M | HSCo | Cr | DIN 376 | 6H | 2xD | C 2 - 3 | 40°

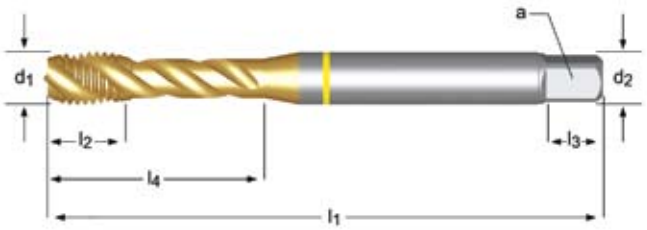
■ 1.1 1.2 1.3 6.1 6.3

● 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,Zólty Shark, ze zbieznym nakrojem
- strojni navojni sveder, Yellow Shark



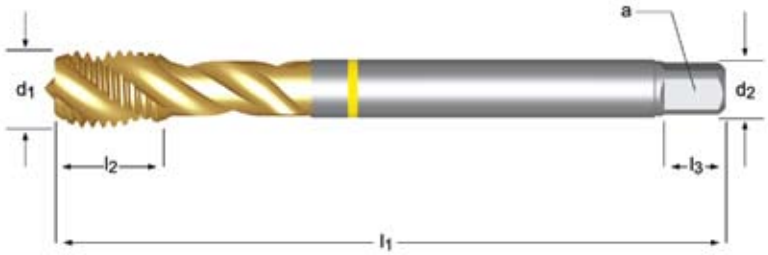
E213

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°

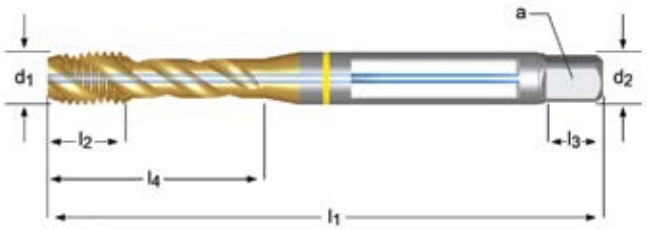
■ 1.1 1.2 1.3 6.1 6.3

● 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



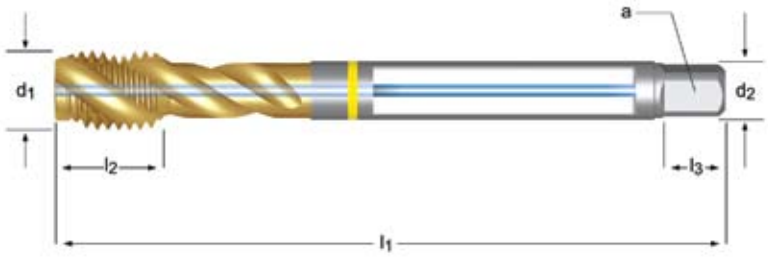
E460

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

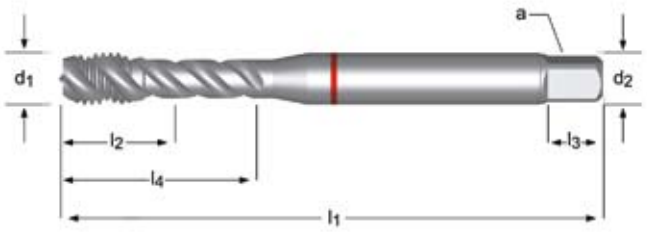
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	18	9.0	7.0	10	3	10.3	**E461M12**
14	2.00	110	20	11.0	9.0	12	3	12	**E461M14**
16	2.00	110	20	12.0	9.0	12	4	14	**E461M16**
20	2.50	140	25	16.0	12.0	15	4	17.5	**E461M20**

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

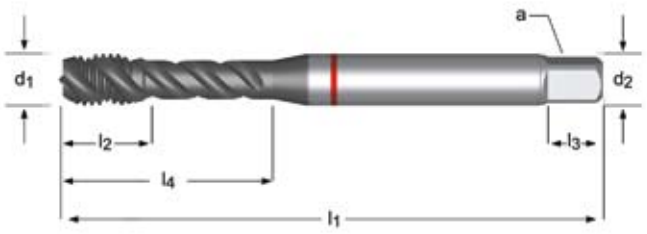
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code	
5	0.80	70	8	3.5	2.7	6	3	4.2	**E393M5**	
6	1.00	80	10	4.5	3.4	6	3	5	**E393M6**	
8	1.25	90	13	6.0	4.9	8	3	6.8	**E393M8**	
10	1.50	100	15	7.0	5.5	8	3	8.5	**E393M10**	
12	1.75	110	18	9.0	7.0	10	3	10.3	**E393M12**	
14	2.00	110	20	11.0	9.0	12	3	12	**E393M14**	
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°

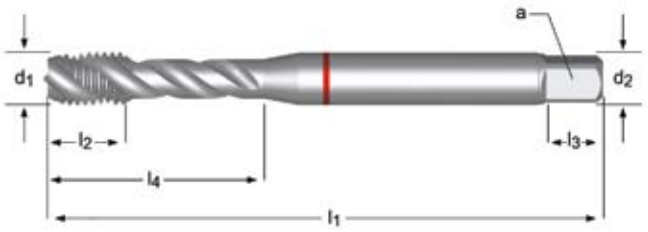
■ 1.4 1.5

● 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

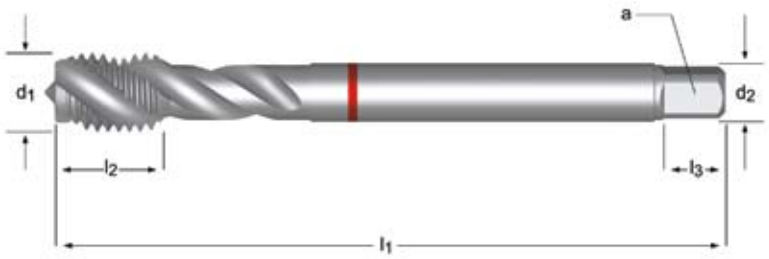
E342

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

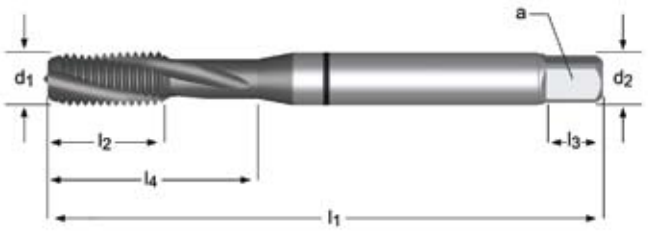
■ 1.1 1.2 1.3 1.4 1.5

● 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 | D 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°

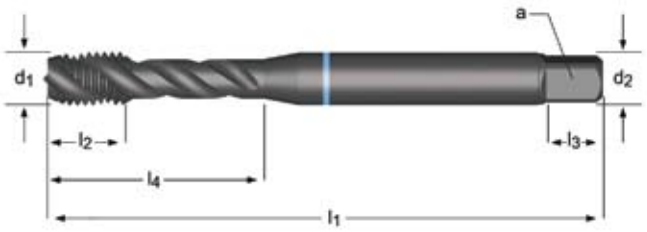
■ 1.5 1.6 4.2 4.3

● 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
- 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

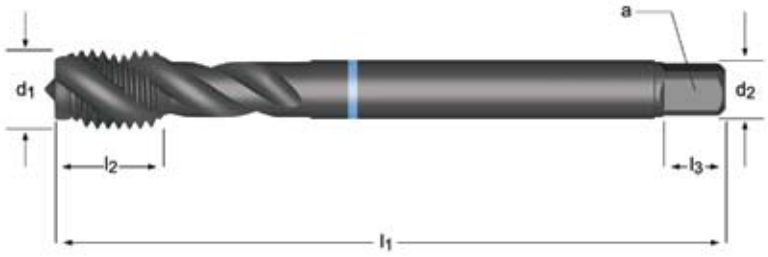
E346

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**



E347

M | HSCo | ST | DIN 376 | 6H | 2xD | C 2 - 3 | 40°

■ 2.1 2.2 2.3

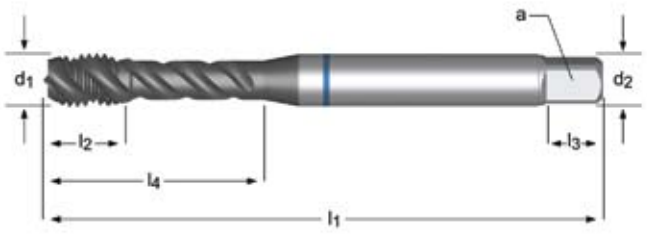
● 1.5 1.6

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°

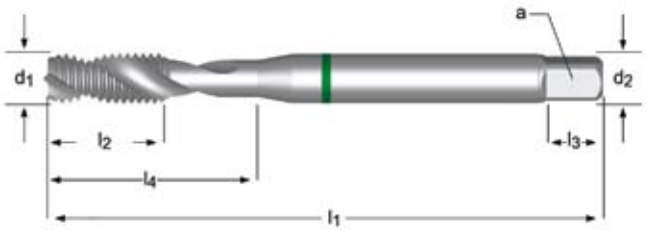
■ 2.1 2.2 2.3 2.4

● 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

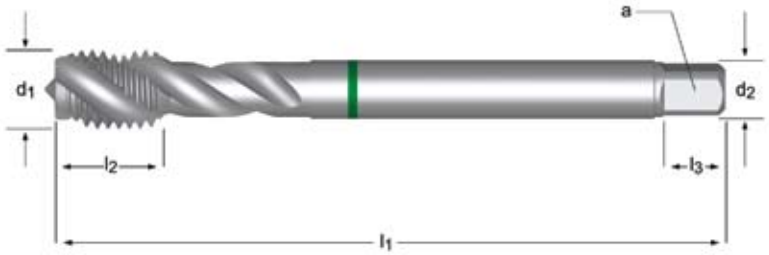
E360

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°

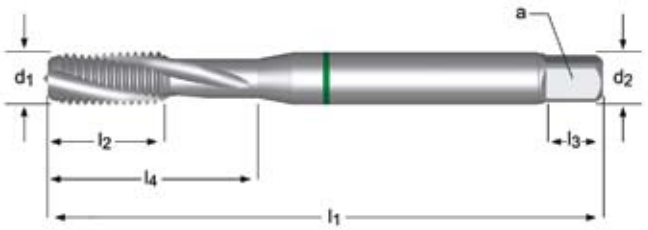
■ 4.1 5.1 7.1 7.2 8.1

● 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

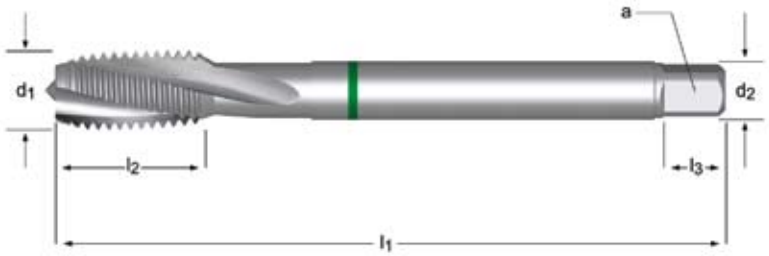
E354

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°

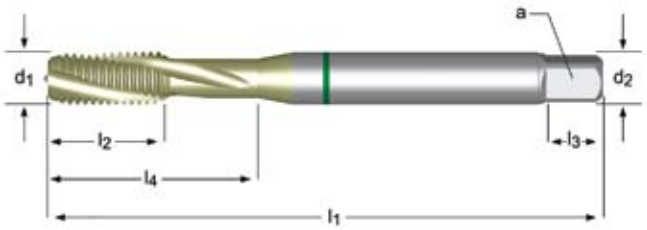
■ 6.2 6.3 7.2 7.3 7.4

● 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



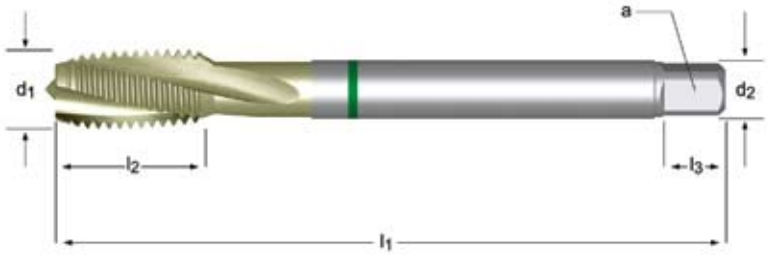
E450

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°

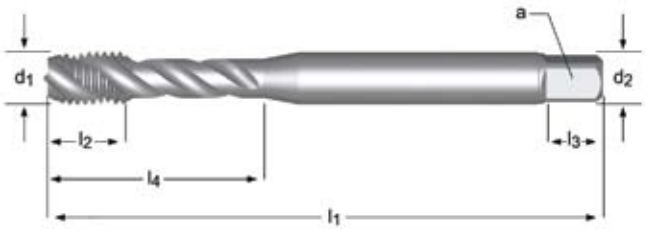
■ 6.2 6.3 7.2 7.3 7.4

● 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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E208

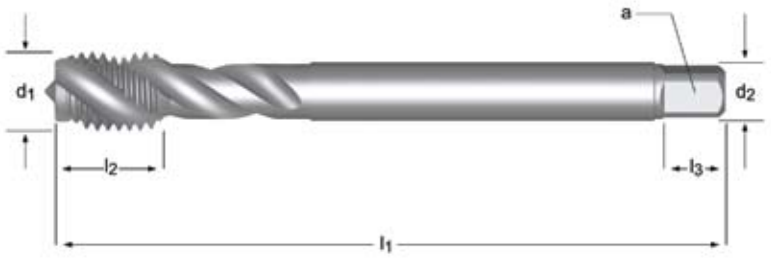
■ 1.3 1.4

● 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

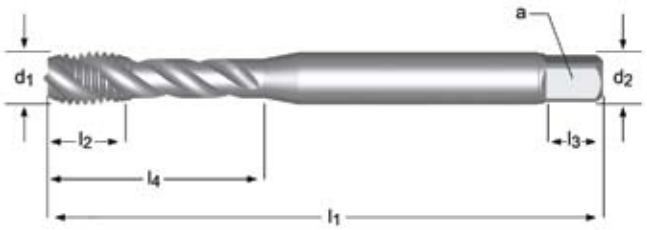
■ 1.3 1.4

● 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

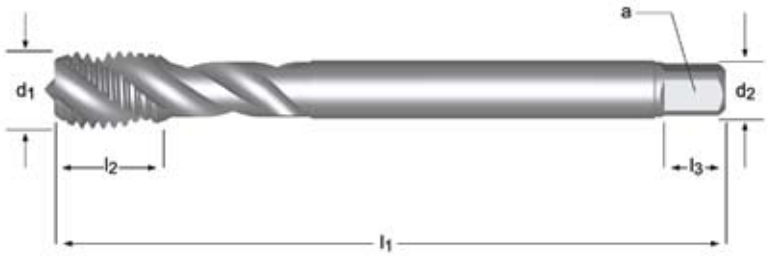


E195

■ 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

■ 1.3 1.4

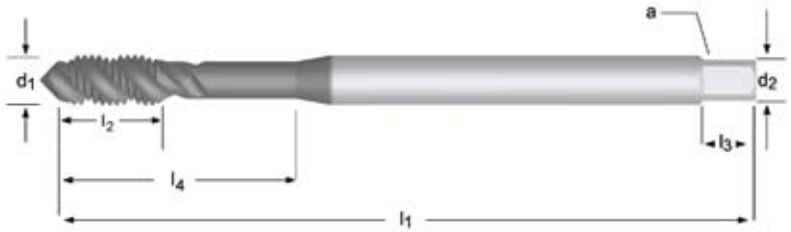
● 1.1 1.2 1.5

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°

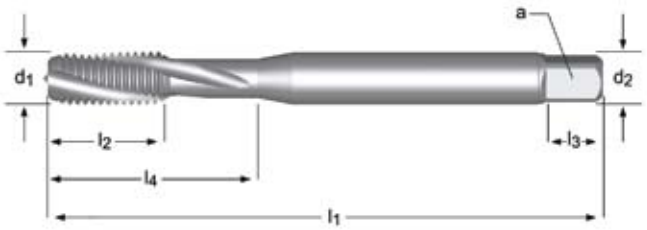
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 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

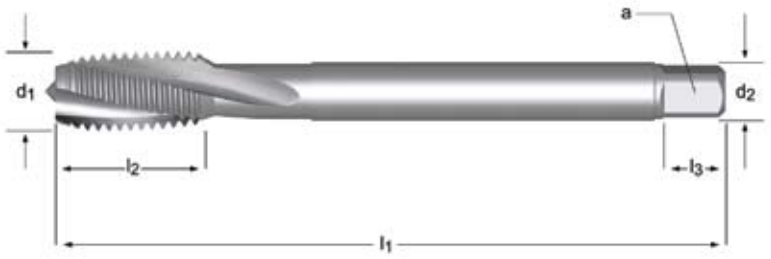
■ 1.3 1.4

● 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

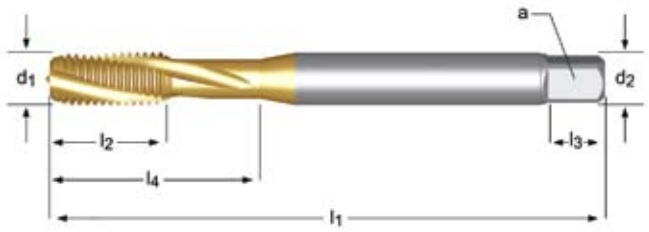
■ 1.3 1.4

● 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



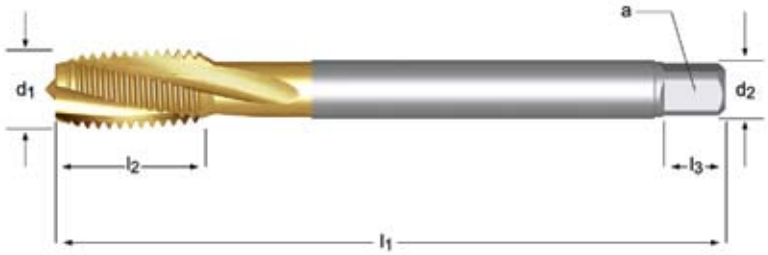
E212

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°

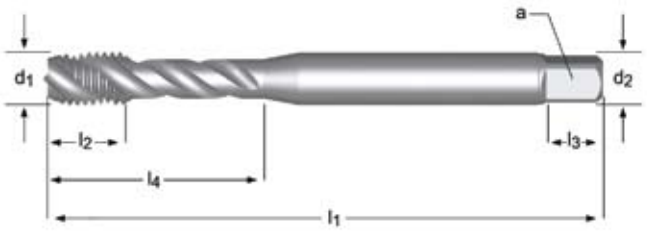
■ 1.3 1.4

● 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



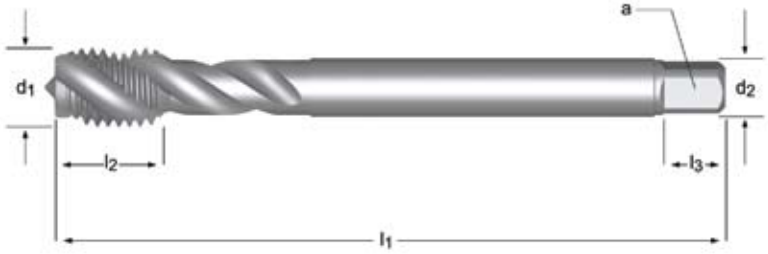
E199

M | HSCo | DIN 371 | 6G | 2xD | 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
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

M | HSCo | DIN 376 | 6G | 2xD | C 2 - 3 | 40°

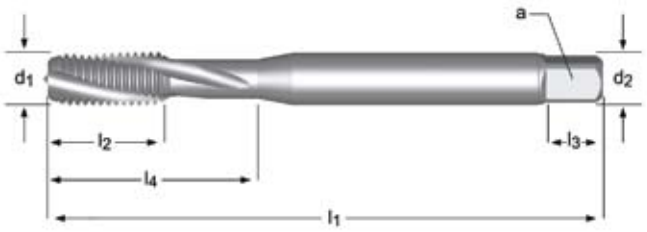
■ 1.3 1.4

● 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	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

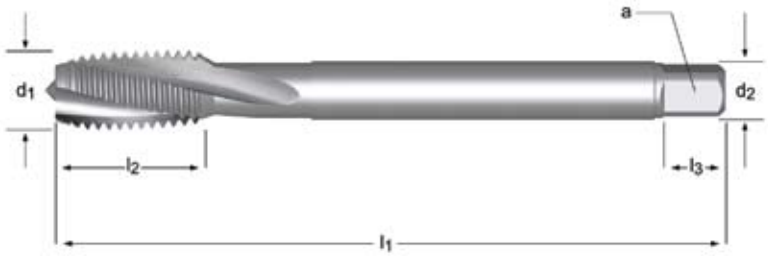


E198

■ 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

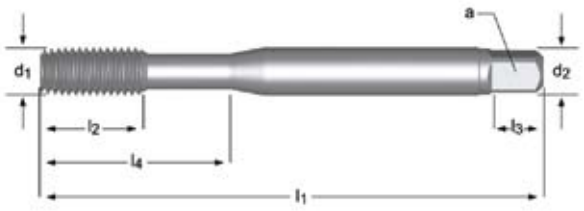
■ 1.3 1.4

● 1.2 1.5 7.2 7.3

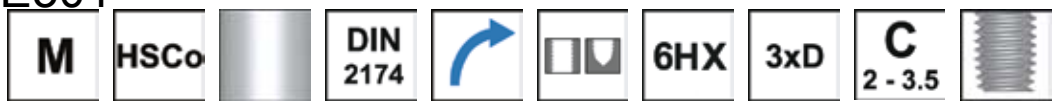
M	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
12	1.75	110	23	9	7	10	3	10.3	**E248M12**
14	2.00	110	25	11	9	12	3	12	**E248M14**
16	2.00	110	25	12	9	12	3	14	**E248M16**
18	2.50	125	30	14	11	14	3	15.5	**E248M18**
20	2.50	140	30	16	12	15	3	17.5	**E248M20**

E301

- Strojní závitníky
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Gwintowniki maszynowe
- strojni navojni sveder



E301

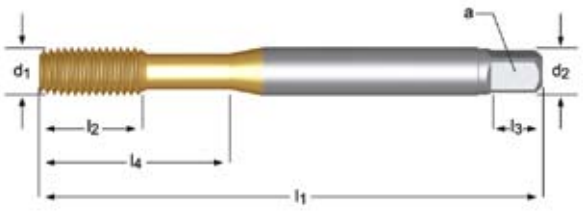


• 1.1 1.2 1.3 1.4 7.1 7.2 7.3

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
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E302

M | HSCo | TiN | DIN 2174 | 6HX | 3xD | C 2 - 3.5

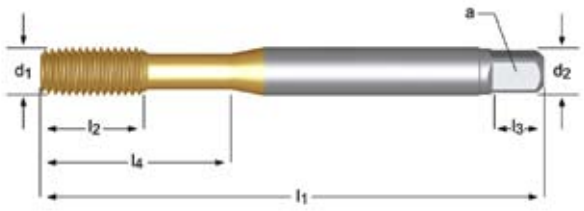
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

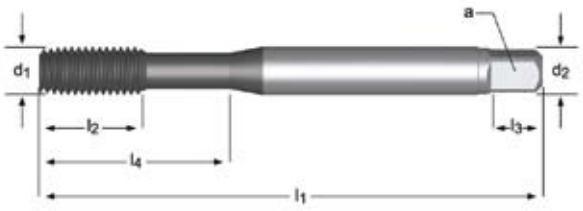
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

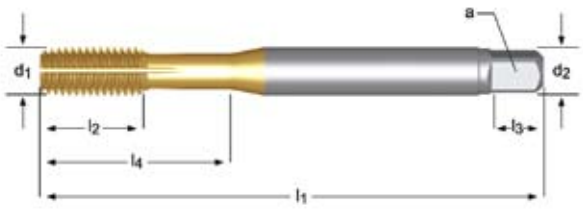
■ 1.1 1.2 1.3 1.4 4.1 5.1 7.1 7.2 7.3

● 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

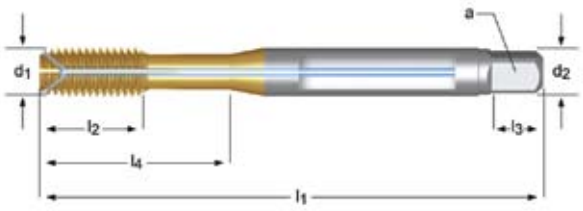
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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
- Gépi Menetformázó
- Wygniataki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E315

M | HSCo | TiN | DIN 2174 | 6HX | 3.5XD | C 2 - 3.5

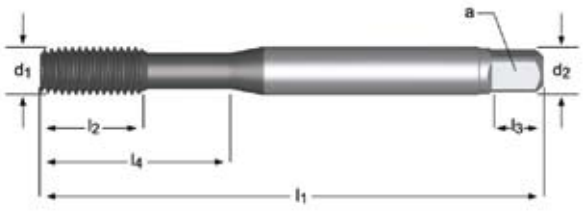
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

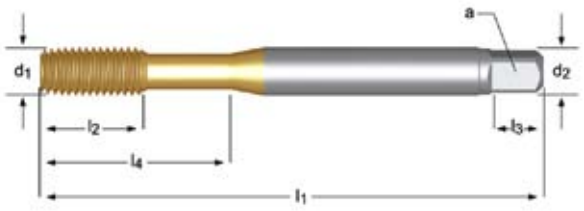
M | HSCo | Dialub | DIN 2174 | 6HX | 3xD | C 2 - 3.5

■ 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

M | HSCo | TiN | DIN 2174 | 6GX | 3xD | C 2 - 3.5

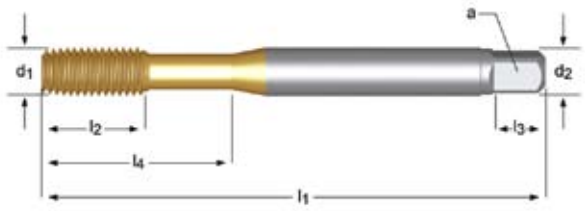
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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	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

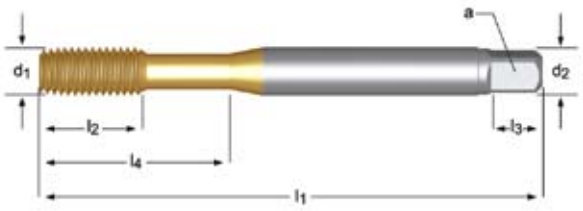
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

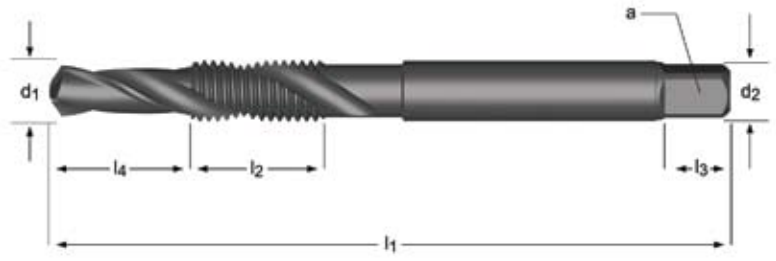
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

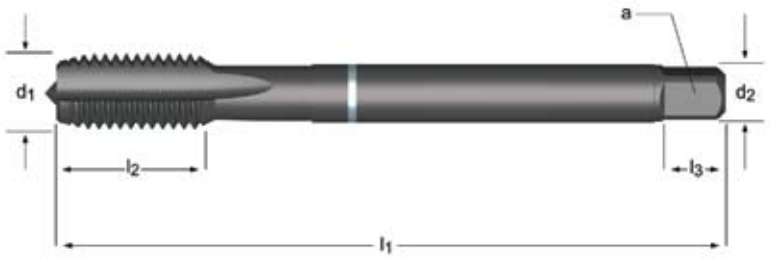
M | HSS | ST | D ISO | 6H | 1.5xD | C 2 - 3 | 30°

● 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

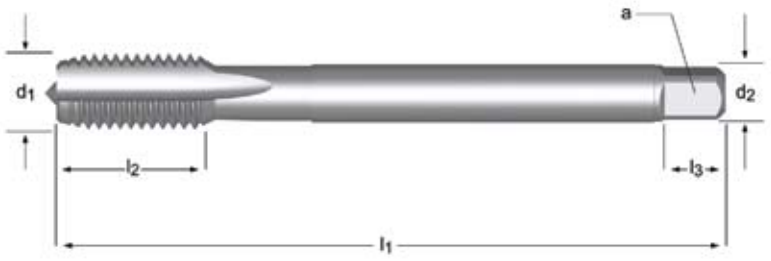
■ 3.1 3.2 3.3 8.2

● 3.4 6.2 6.4 7.4

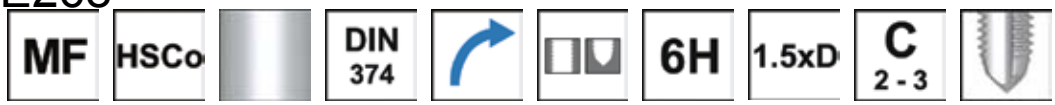
MF	P mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z	↔	e-Code
10	1.00	90	20	7	5.5	8	4	9	**E269M10X1.0**
10	1.25	100	20	7	5.5	8	4	8.8	**E269M10X1.25**
12	1.25	100	21	9	7.0	10	4	10.8	**E269M12X1.25**
12	1.50	100	21	9	7.0	10	4	10.5	**E269M12X1.5**
14	1.50	100	21	11	9.0	12	4	12.5	**E269M14X1.5**
16	1.50	100	21	12	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

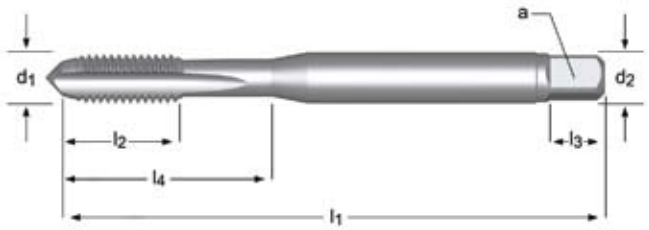
DORMER

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

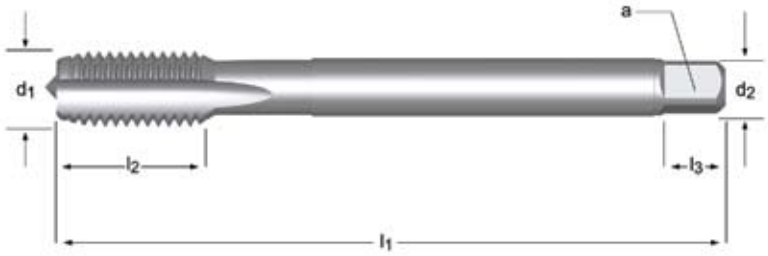


E242

MF | 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

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

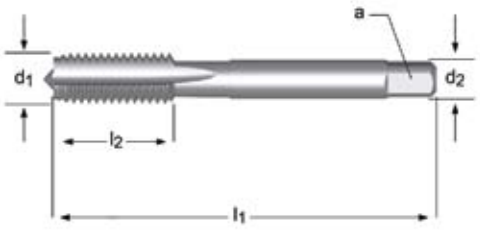
MF | HSCo | DIN 374 | 6H | 1.5xD | C 2 - 3

• 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

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

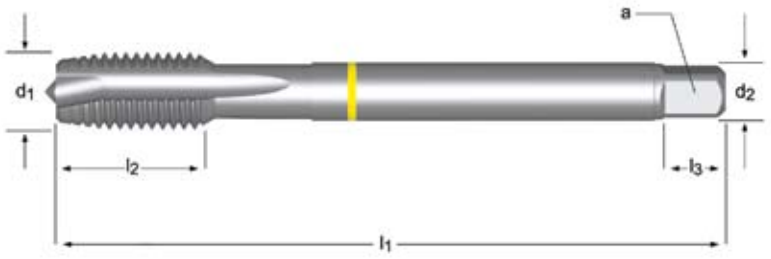
E105

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

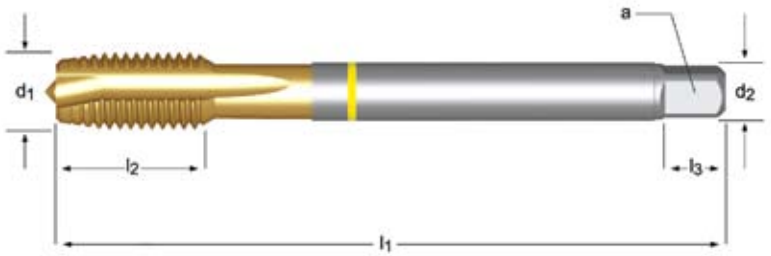
■ 1.1 1.2 1.3 6.1 6.3

● 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

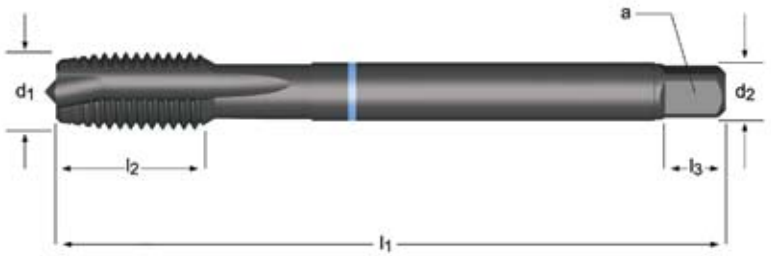
■ 1.1 1.2 1.3 6.1 6.3

● 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

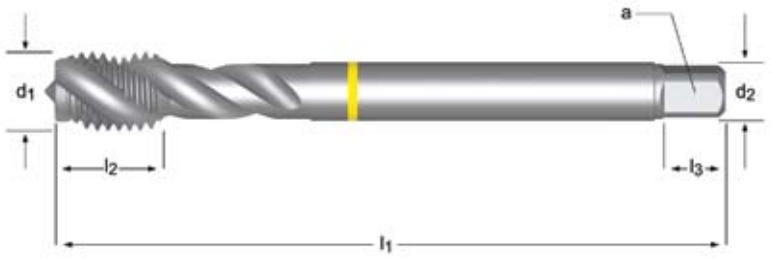
MF | HSCo | ST | DIN 374 | 6H | 2.5xD | B 3.5 - 5

- ■ 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



SHARK LINE

E366

MF | HSCo | Cr | DIN 374 | 6H | 2xD | C 2 - 3 | 40°

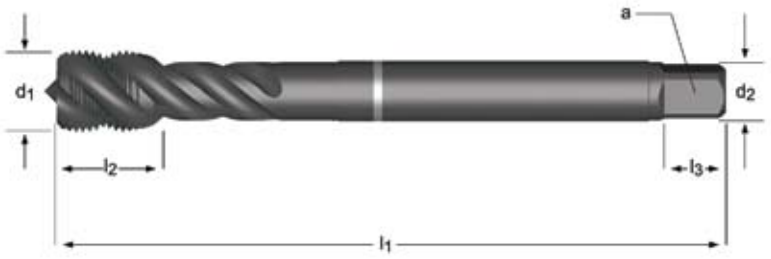
■ 1.1 1.2 1.3 6.1 6.3

● 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°

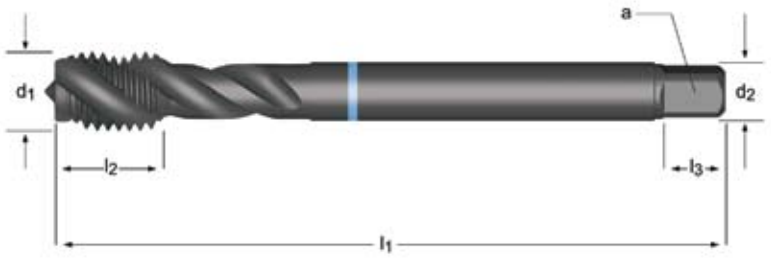
■ 1.1 1.2 1.3 1.4 1.5

● 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°

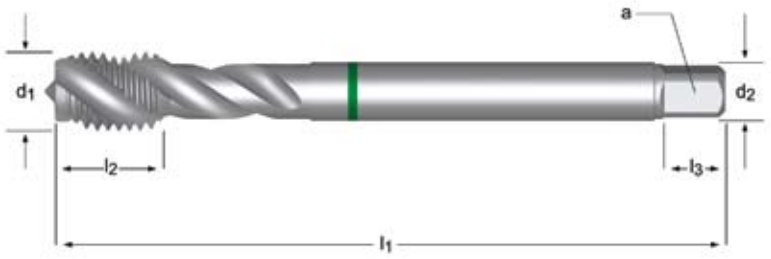
■ 2.1 2.2 2.3

● 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°

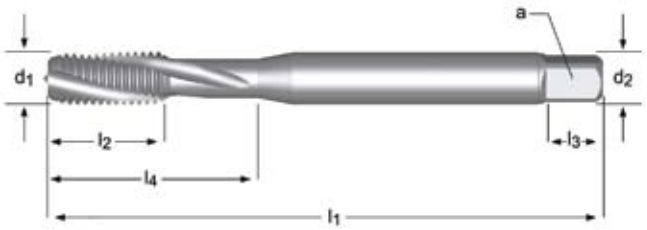
■ 4.1 5.1 7.1 7.2 8.1

● 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

■ 1.3 1.4

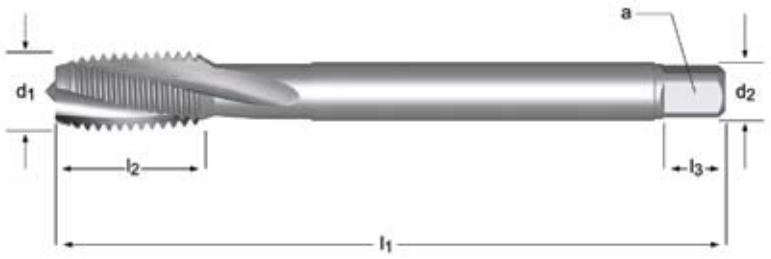
● 1.2 1.5 7.2 7.3

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

DORMER

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E270

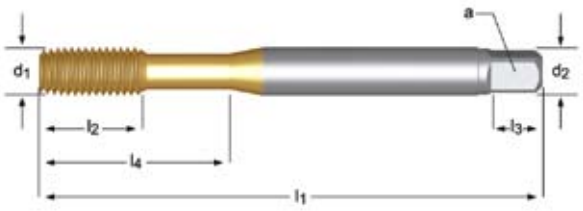
■ 1.3 1.4

● 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
- Tarozi de masina
- Gépi Menetformázó
- Машинные метчики
- Wygniataki maszynowe
- strojni navojni sveder



E317

MF | HSCo | TiN | DIN 2174 | 6HX | 3xD | C 2 - 3.5

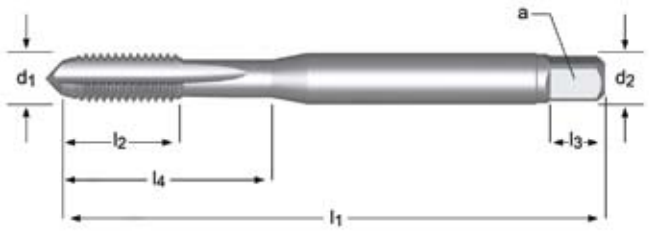
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

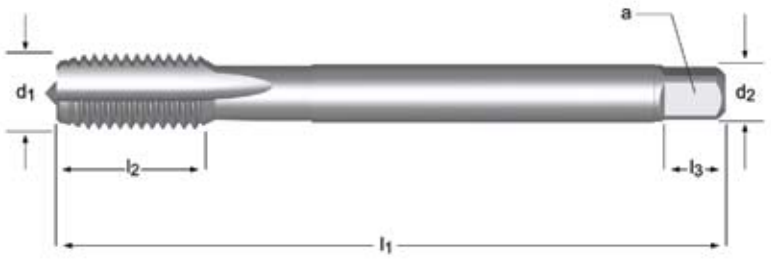
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E275

UNC | HSCo | DIN 376 | 2B | 1.5xD | C 2 - 3

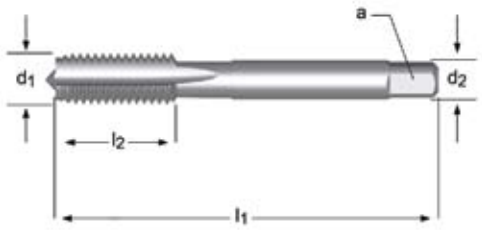
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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

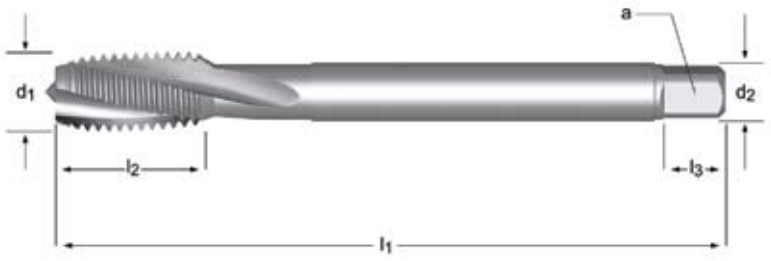
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

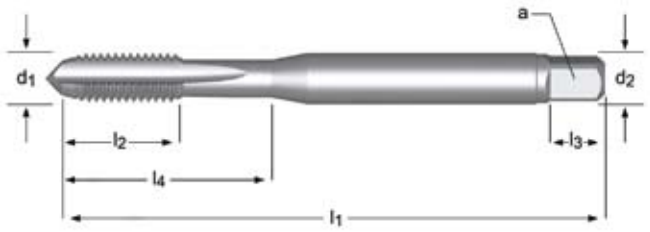
■ 1.3 1.4

● 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

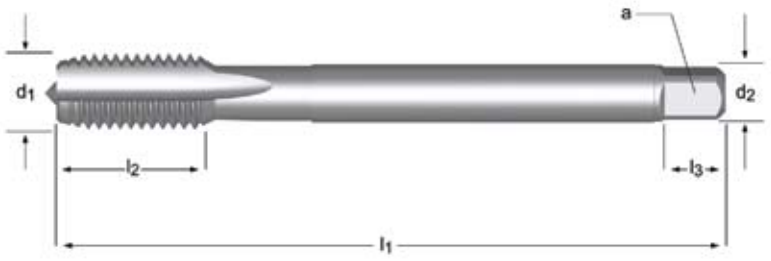
UNF | HSCo | DIN 371 | 2B | 1.5xD | C 2 - 3

● 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

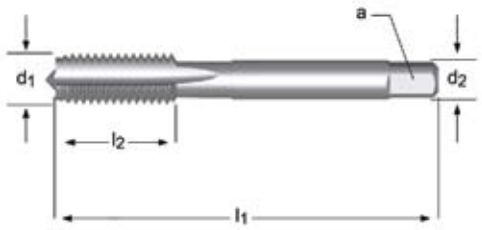
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 6.2 6.3 7.2 7.3 8.2

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

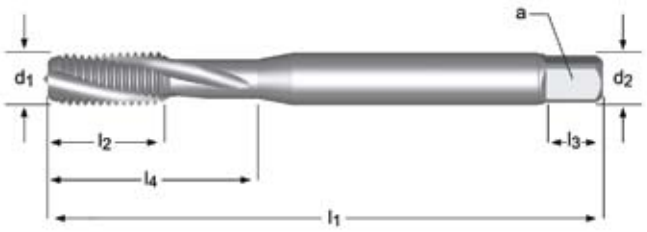
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E230

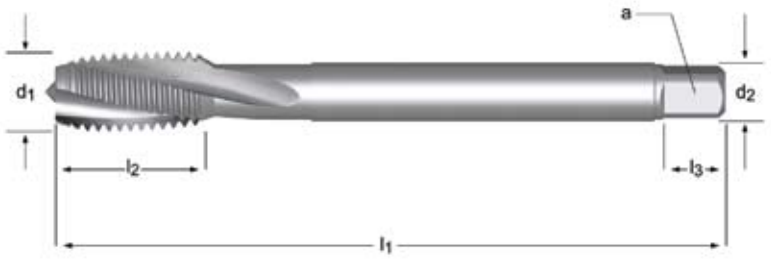
■ 1.3 1.4

● 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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E279

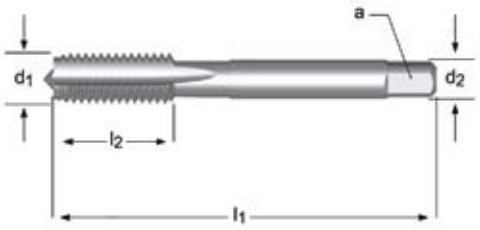
■ 1.3 1.4

● 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

● 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

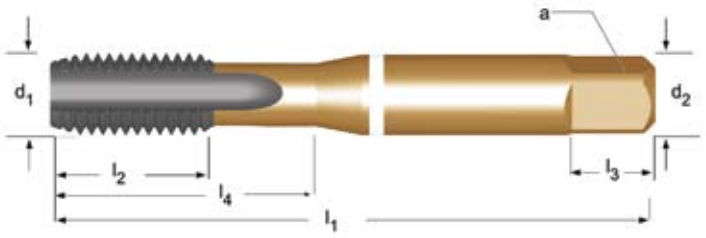
M | CS | ISO | 6H | 1.5xD

• 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

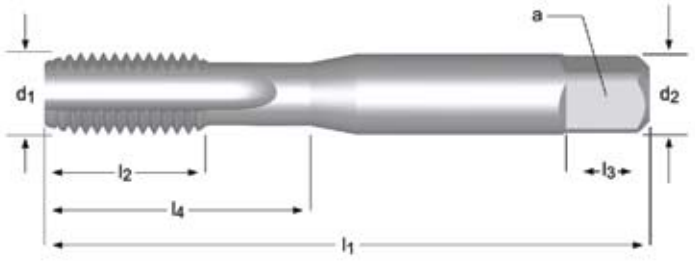
■ 3.1 3.2 3.3 8.2

● 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

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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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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**

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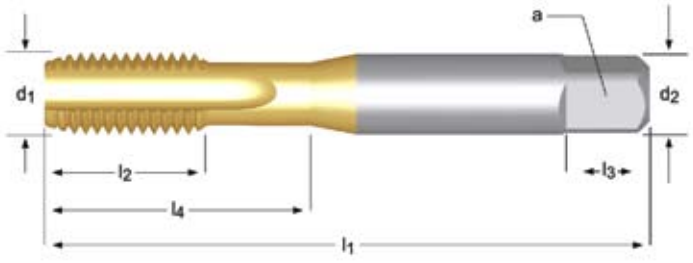
- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E504

M | HSS | TiN | ISO 529 | 6H | 1.5xD

■ 3.1 3.2 3.3

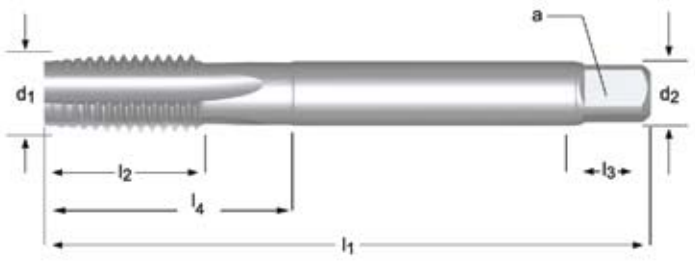
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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



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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

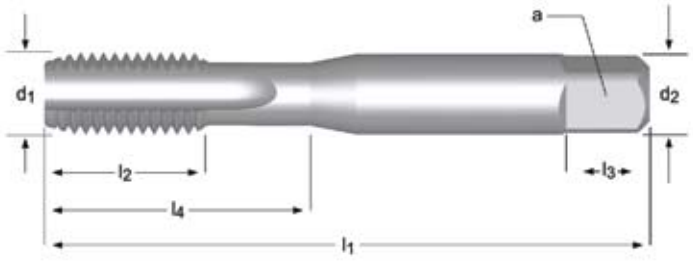
DORMER

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

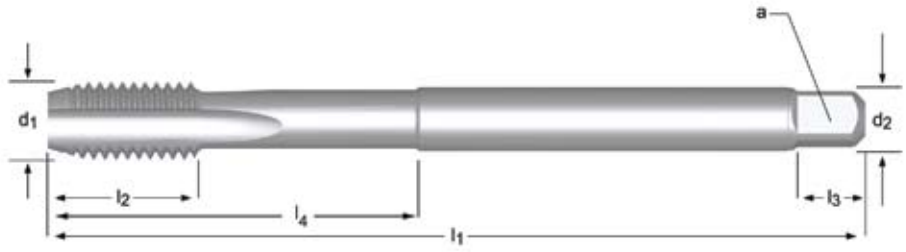
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

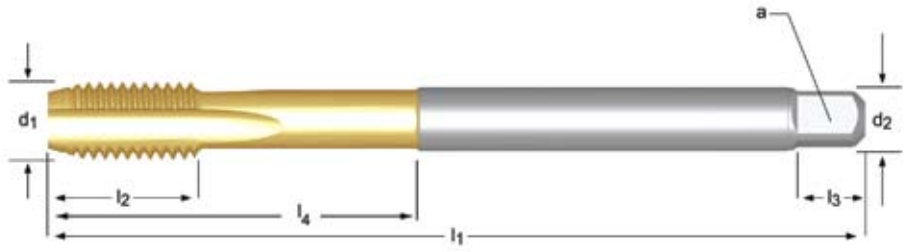
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

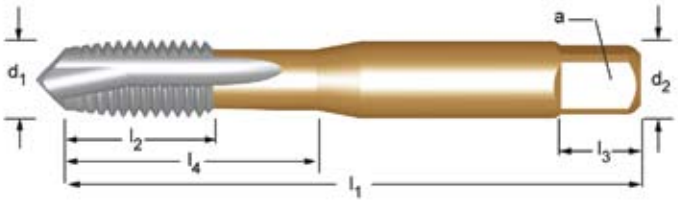
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

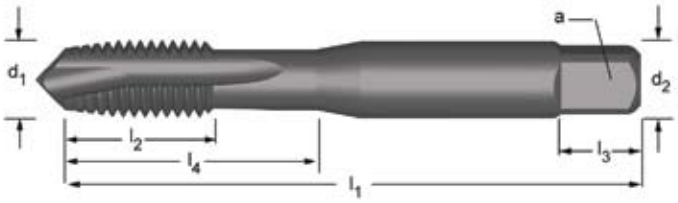
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 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**

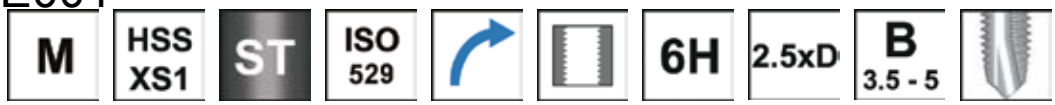
E001

- 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



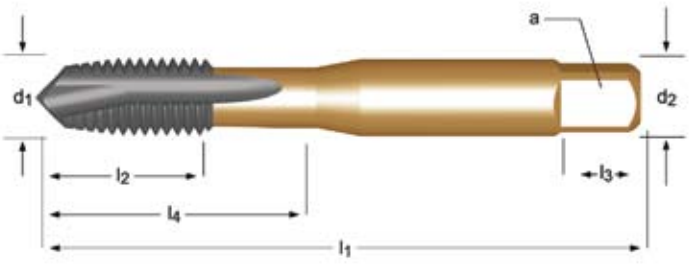
■ 1.1 1.2 1.3 1.4 1.5

● 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**

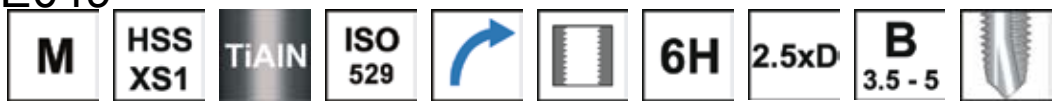
E049

- Strojní závitníky MTT-X
- Gépi Menetfúró MTT-X
- Gwintownik maszynowy MTT-X
- Tarozi de masina MTT-X
- Машинные метчики MTT-X
- strojni navojni sveder MTT-X



MTT-X

E049



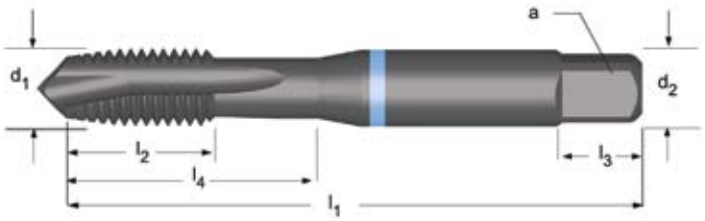
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3

● 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**

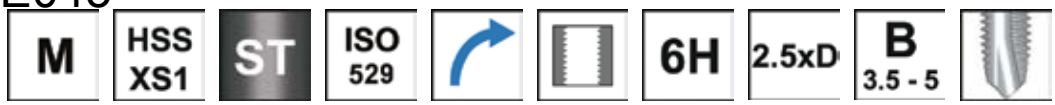
E045 / E046

- 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

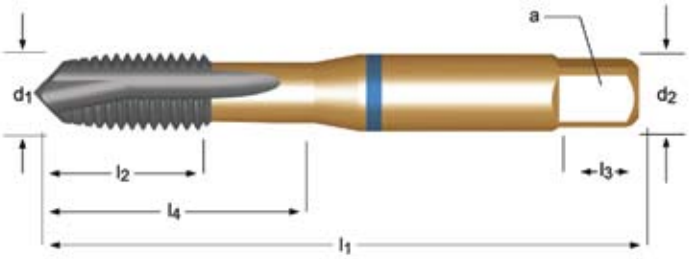
E045



■ 2.1 2.2 2.3 2.4

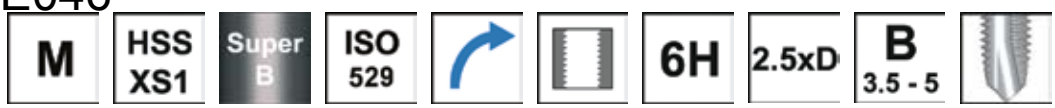
● 1.5 1.6

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



■ 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

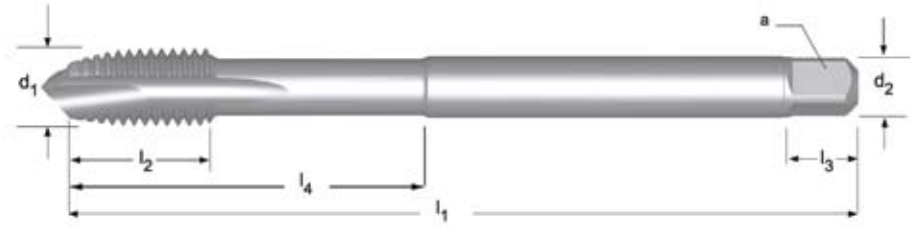
M | HSS | ISO 529 | 6H | 1XD | B 3.5 - 5

- 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

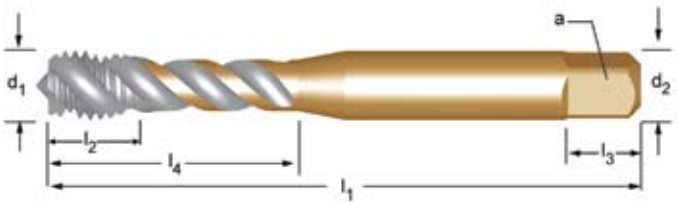
M | HSCo | ISO 2283 | 6H | 2.5xD | B 3.5 - 5

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

■ 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

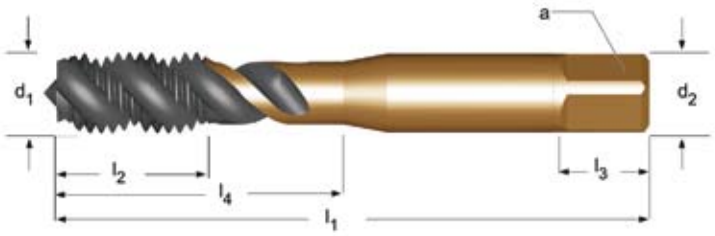
M | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

- ■ 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



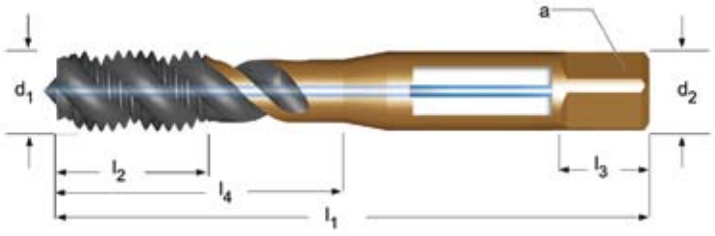
MTT-X

E050

■ 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

■ 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

DORMER

- 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

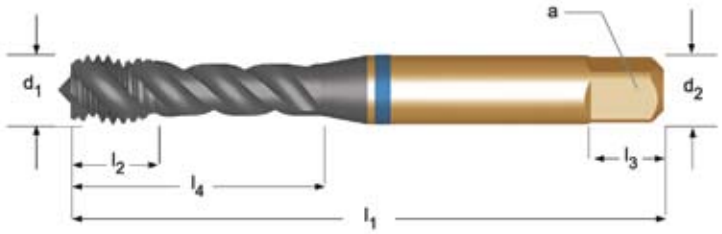
MTT-X

E047

■ 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

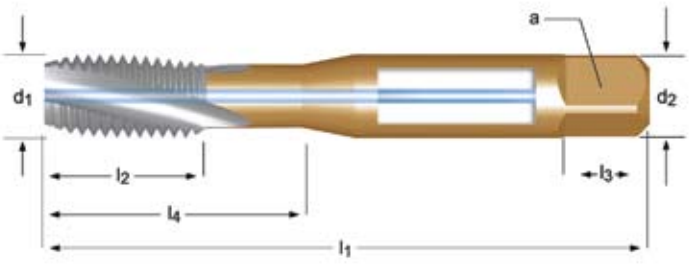
■ 2.1 2.2 2.3 2.4

● 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



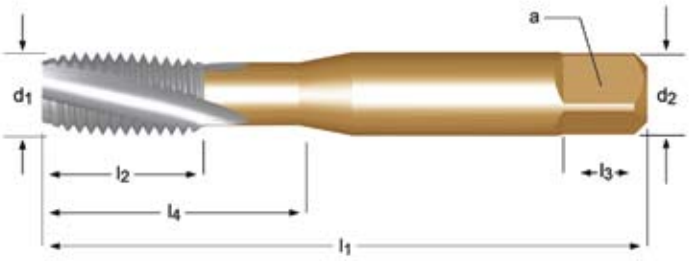
MTT-X

E044

■ 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

■ 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

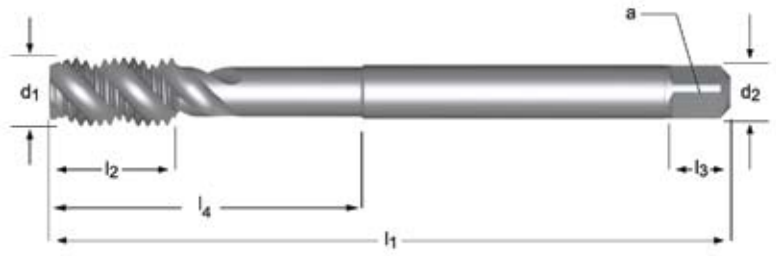
M | HSS | ST | ISO 529 | 6H | 2xD | C 2 - 3 | 40°

● 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

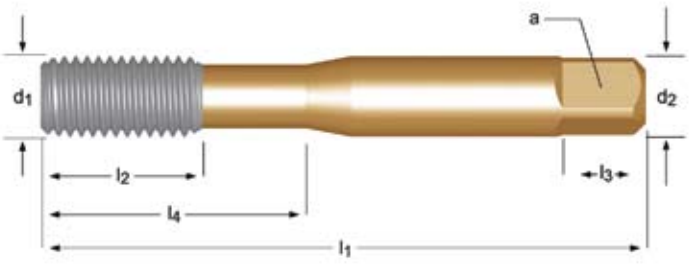
M | HSCo | ISO 2283 | 6H | 2xD | C 2 - 3 | 40°

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
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



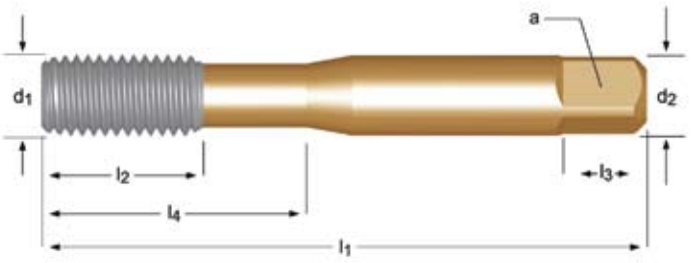
MTT-X

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

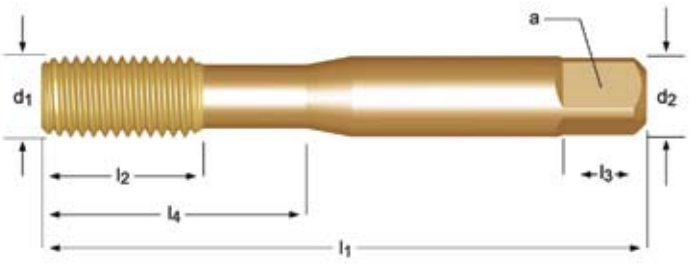
● 1.4 2.1 2.2 5.2 6.1 6.3 7.4

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

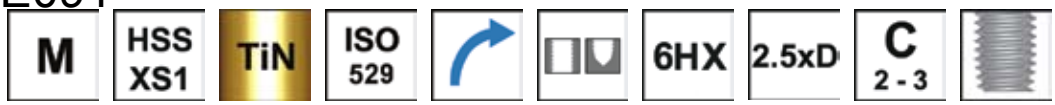
E091 / E098

- 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

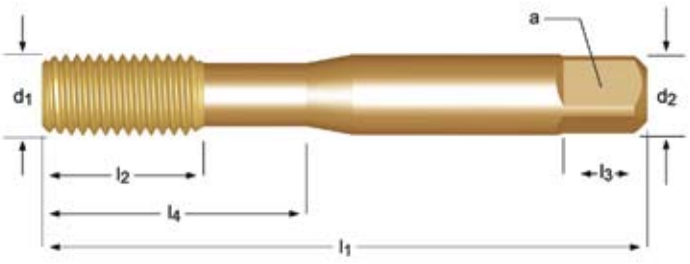
E091



■ 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

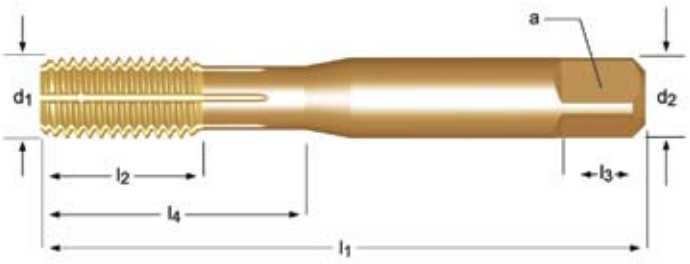
● 1.5 2.3 5.2 6.1 6.3 7.1 7.2 7.4

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

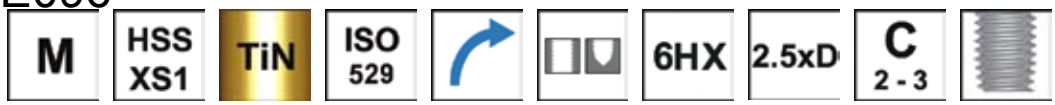
E096 / E099

- 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

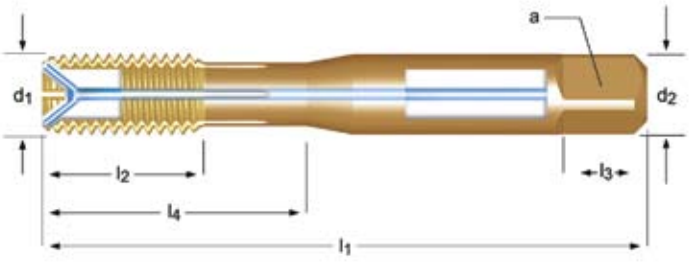
E096



■ 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

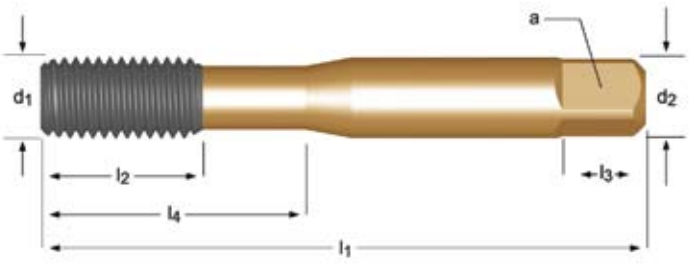
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

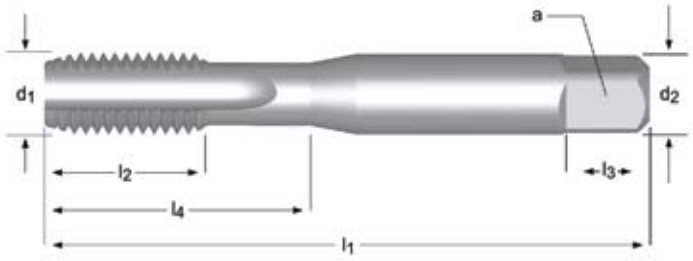
■ 6.1 6.3 7.1 7.2 7.3

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

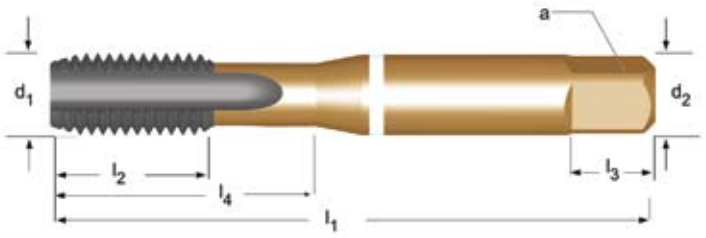
EGM | HSS | D ISO | 6H | 2xD | C 2 - 3 | 40°

● 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

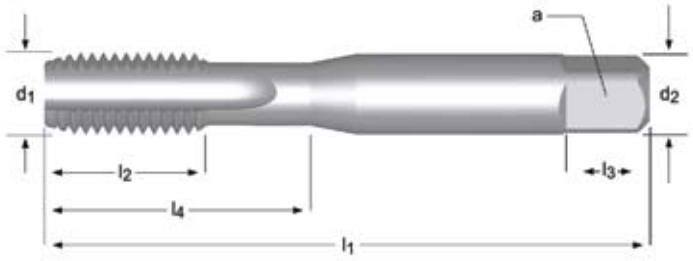
● 3.4 6.2 6.4 7.4

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 – NO8 299

DORMER

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

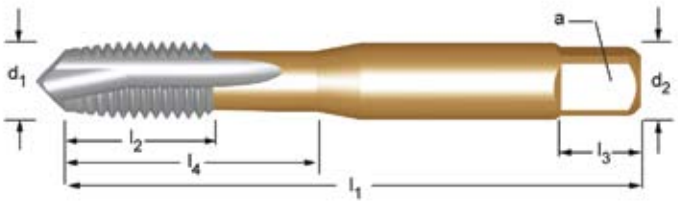
DORMER

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 to NO9 299

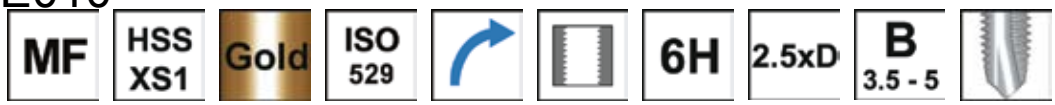
E010

- 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



■ 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

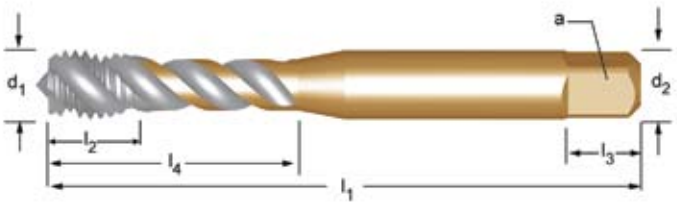
■ 1.1 1.2 1.3 1.4 1.5

● 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

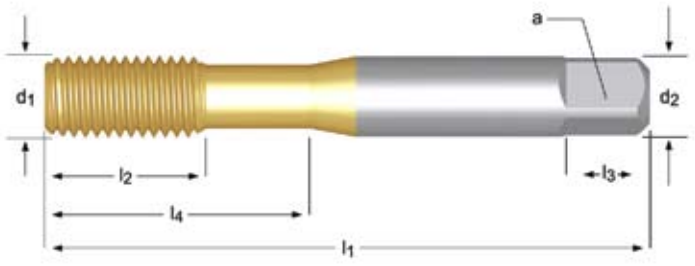
MF | HSS XS1 | ST | ISO 529 | 6H | 2.5xD | C 2 - 3 | 48°

- ■ 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

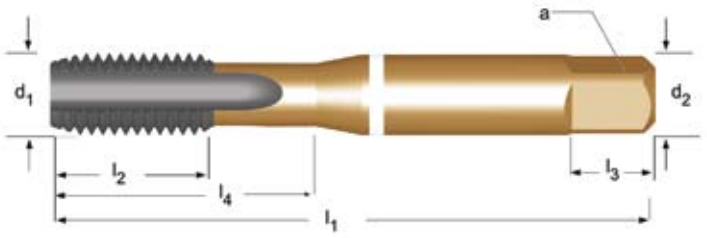
■ 1.1 1.2 1.3 1.4 2.1 2.2 4.1 5.1 7.3

● 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

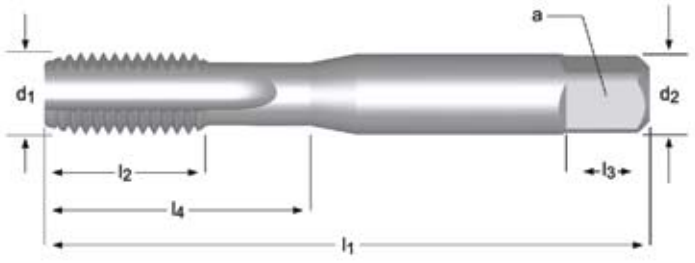
■ 3.1 3.2 3.3 8.2

● 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

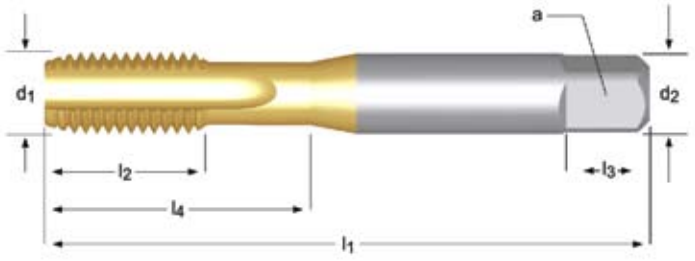
DORMER

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

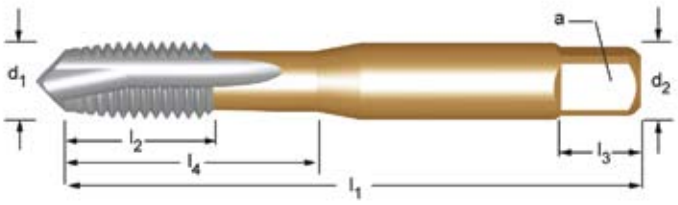
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

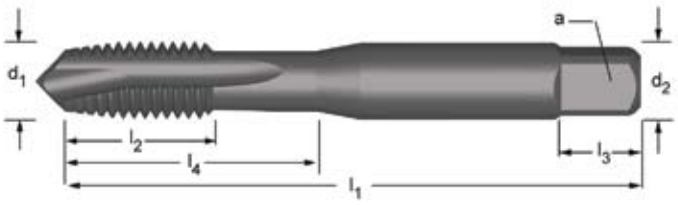
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 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

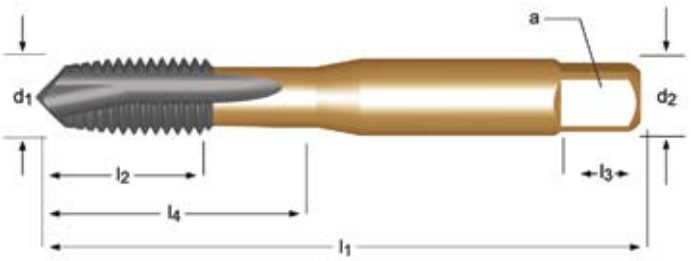
■ 1.1 1.2 1.3 1.4 1.5

● 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

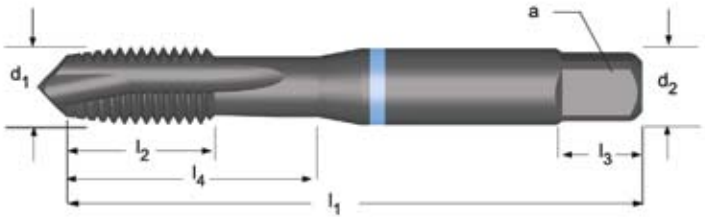
E057

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

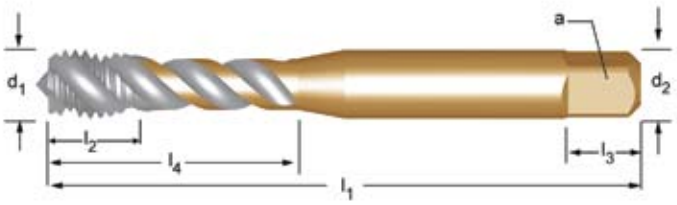
■ 2.1 2.2 2.3 2.4

● 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

UNC | HSS XS1 | Gold | ISO 529 | 2B | 2.5xD | C 2 - 3 | 48°

■ 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°

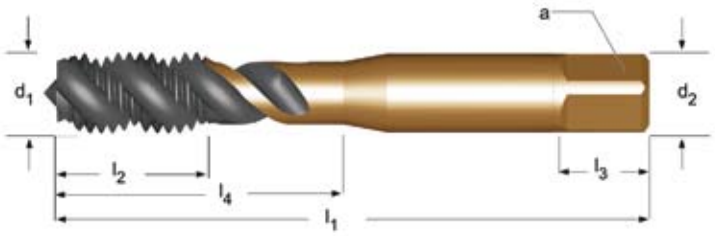
■ 1.1 1.2 1.3 1.4 1.5

● 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°

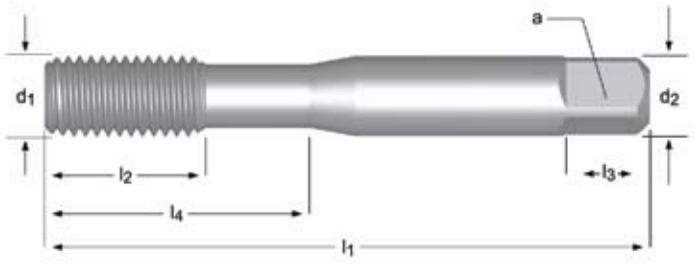
■ 2.1 2.2 2.3 2.4

● 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

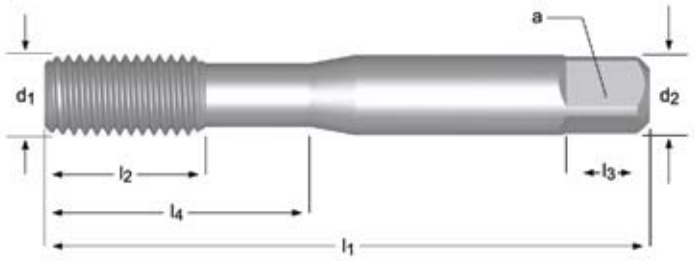


E523

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

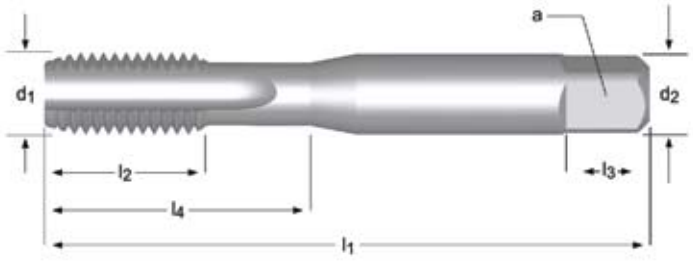
■ 1.1 1.2 1.3 4.1 5.1 7.1 7.2 7.3

● 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

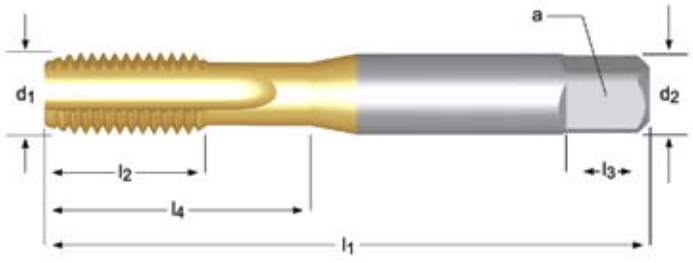
DORMER

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 | NO8 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

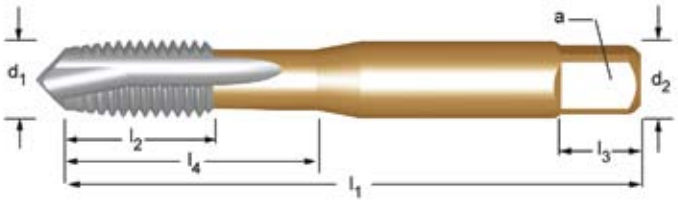
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

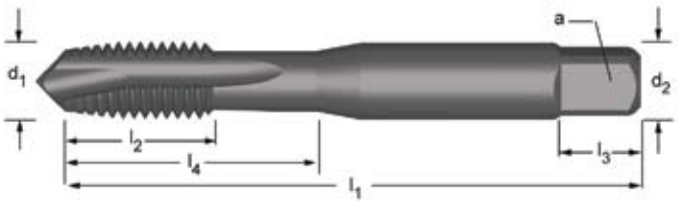
■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

● 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

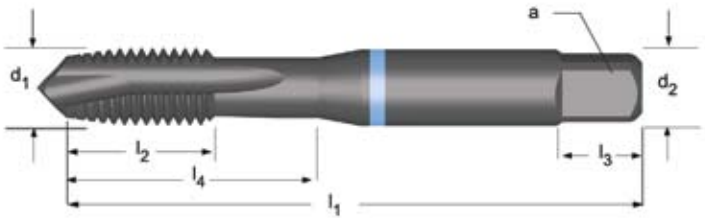
■ 1.1 1.2 1.3 1.4 1.5

● 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**

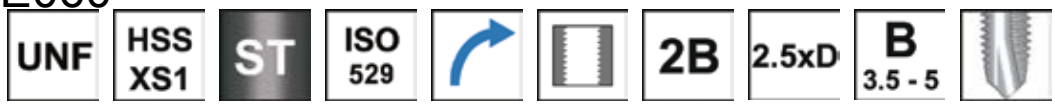
E060

- 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



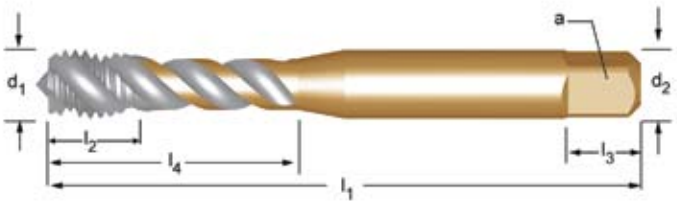
■ 2.1 2.2 2.3 2.4

● 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

■ 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

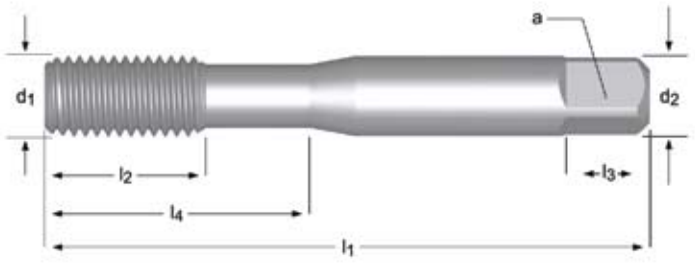
■ 2.1 2.2 2.3 2.4

● 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

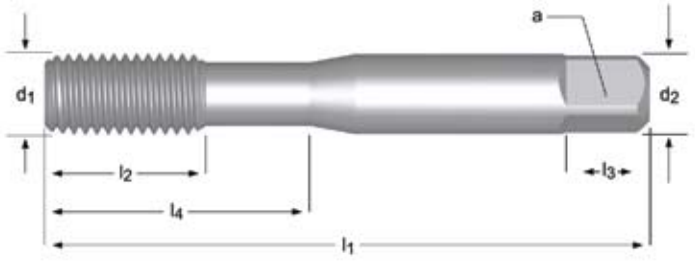


E530

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

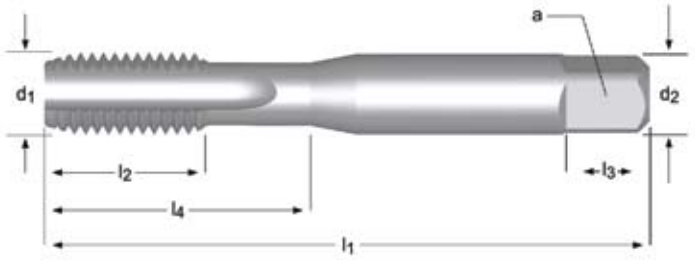
■ 1.1 1.2 1.3 4.1 5.1 7.1 7.2 7.3

● 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

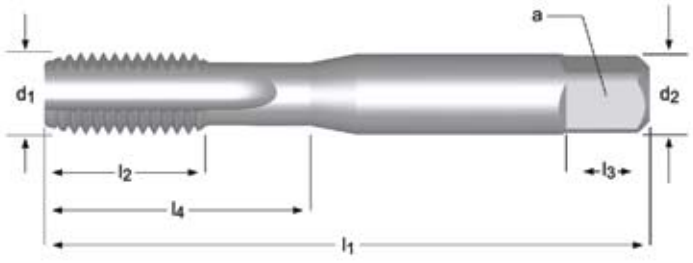
UN	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	z		l_4 mm	e-Code
1/4	32	6.350	66	13	6.30	5.00	3	5.6	26	**E5701/4X32NO3**
1/4	36	6.350	66	13	6.30	5.00	3	5.7	26	**E5701/4X36NO3**
1/4	40	6.350	66	13	6.30	5.00	3	5.7	26	**E5701/4X40NO3**
5/16	32	7.938	72	16	8.00	6.30	3	7.2	29	**E5705/16X32NO3**
3/8	32	9.525	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 - NO8 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

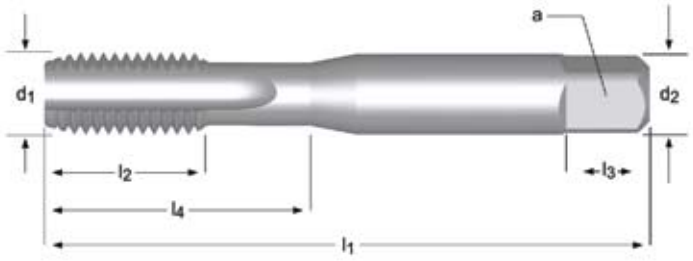
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 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°

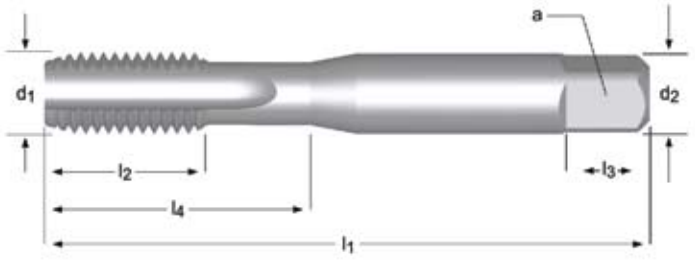
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 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 | NO6 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°

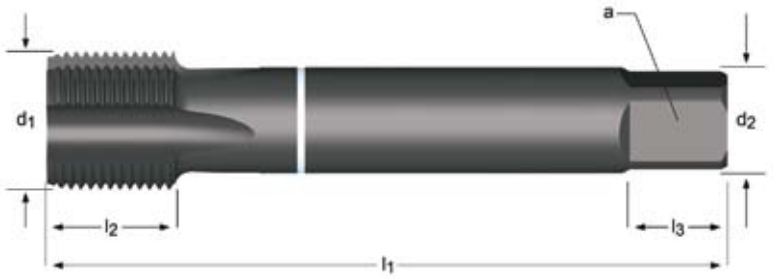
■ 1.2 1.3 1.4 2.1 2.2 2.3

● 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



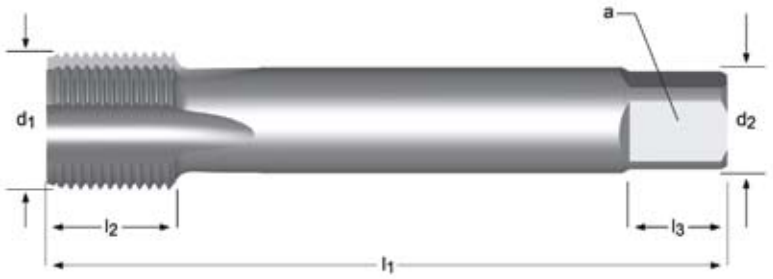
E416

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

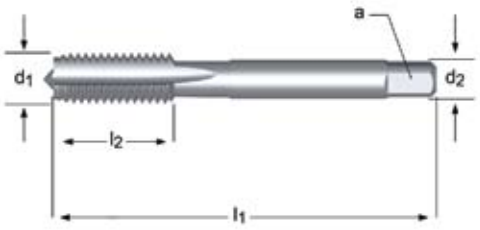
G | HSCo | DIN 5156 | ISO 5969 | 1.5xD | C 2 - 3

● 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

- 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

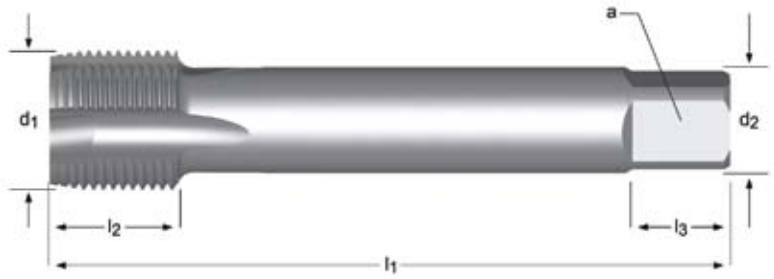
● 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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**

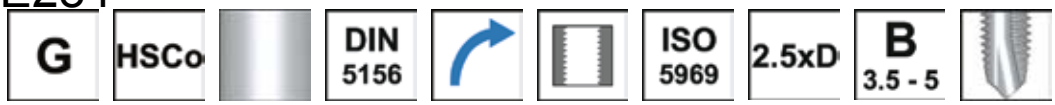
NO1 | NO9 299

E284

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E284



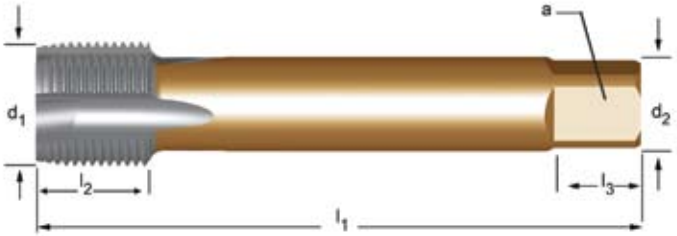
■ 1.2 1.3 1.4

● 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**

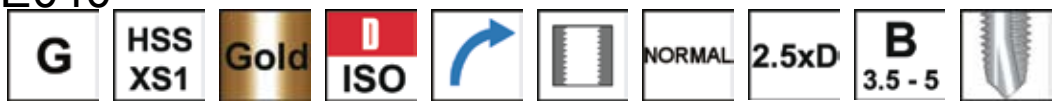
E040 / E041

- 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

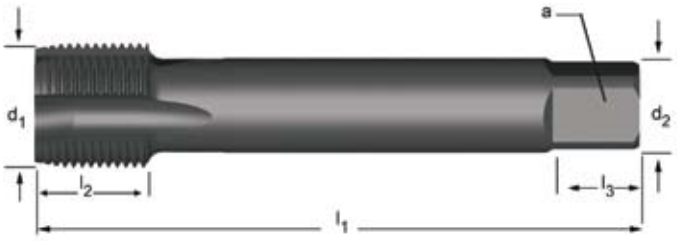
E040



■ 1.1 1.2 1.3 1.4 1.5 6.1 6.3 7.1 7.2 7.3 7.4

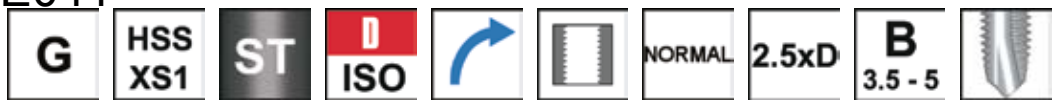
● 1.6 3.1 3.2 3.3 3.4 4.1 4.2 5.1 5.2 6.2 8.1

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



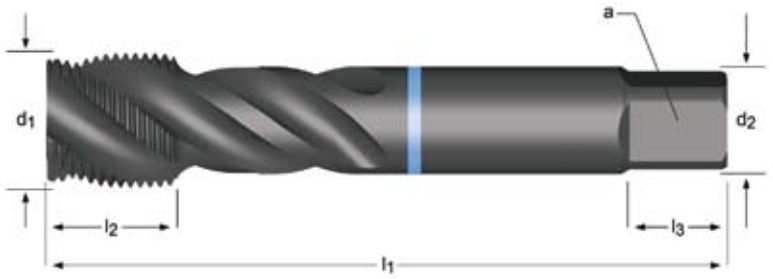
■ 1.1 1.2 1.3 1.4 1.5

● 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°

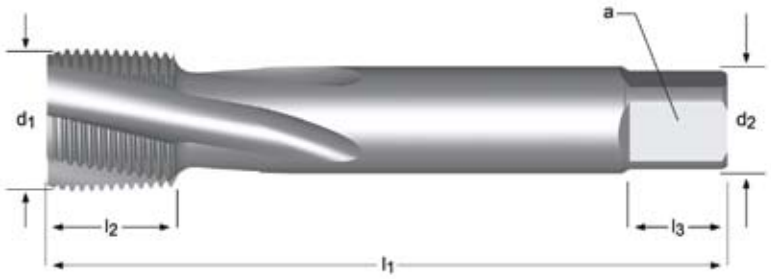
■ 2.1 2.2 2.3

● 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

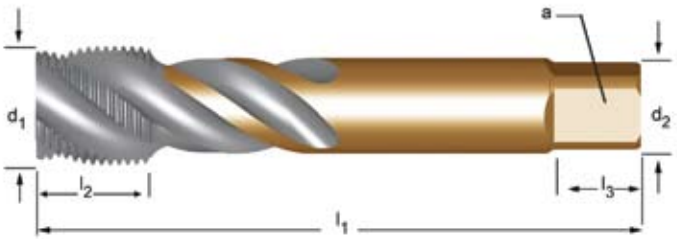
■ 1.3 1.4

● 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



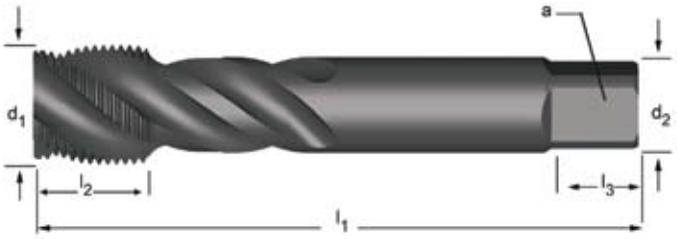
MTT-X

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

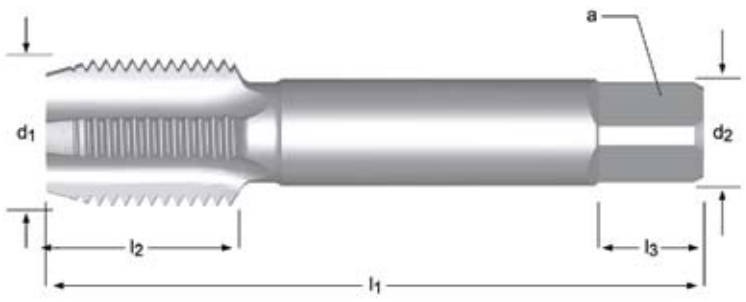
● 1.6 2.1 2.2 2.3

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

DORMER

- Strojní závitníky
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E547

G | HSS | ISO 2284 | NORMAL | 1.5xD

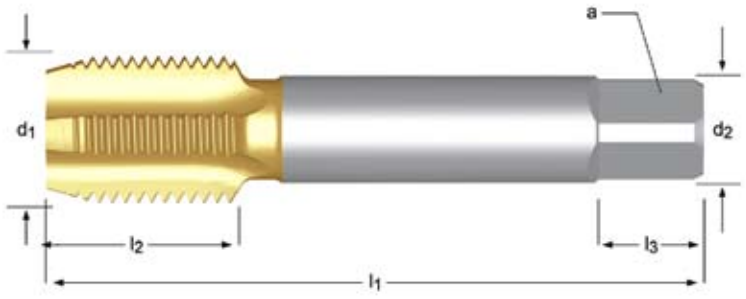
• 1.1 1.2 1.3 1.4 1.5 3.1 3.2 3.3 3.4 6.1 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

■ 3.1 3.2 3.3

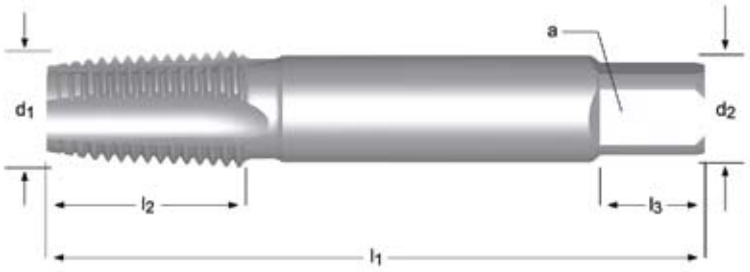
● 1.1 1.2 1.3 1.4 1.5 3.4 6.2 6.3 6.4 7.2 7.3 7.4 8.2 8.3

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

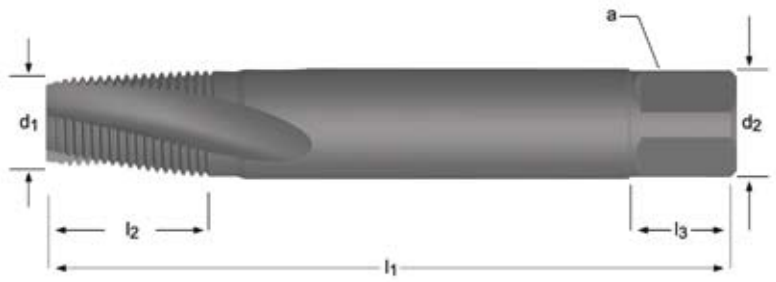
Rc	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm	z		e-Code
1/8	28	9.728	59	15	8.0	6.3	9	3	8.4	**E5501/8**
1/8	28	9.728	59	15	8.0	6.3	9	3	8.4	**E5501/8NO7**
1/4	19	13.157	67	19	10.0	8.0	11	3	11.2	**E5501/4**
1/4	19	13.157	67	19	10.0	8.0	11	3	11.2	**E5501/4NO7**
3/8	19	16.662	75	21	12.5	10.0	13	3	14.75	**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

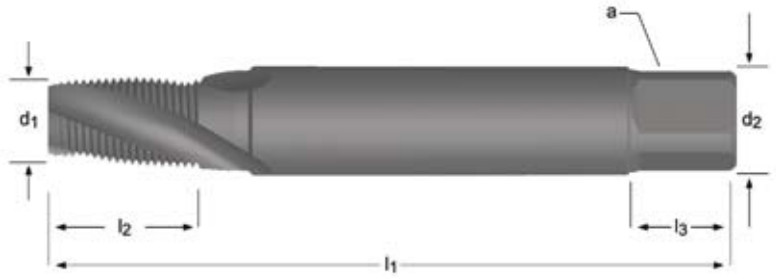
NPT | HSCo | ST | DIN ANSI | 1.5xD | C 2 - 3 | 15°

■ 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°

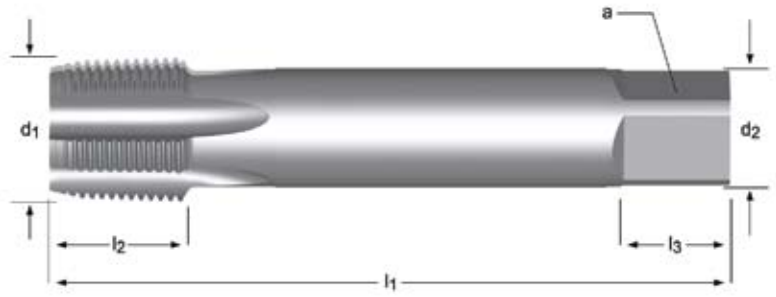
■ 1.2 1.4 2.1 2.2 2.3 4.1 5.1 6.1

● 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
- Gépi Menetfúró
- Gwintowniki maszynowe
- Tarozi de masina
- Машинные метчики
- strojni navojni sveder



E714

NPT | HSCo | D ANSI | ANSI B1.20.1 | 1.5xD | C 2 - 3

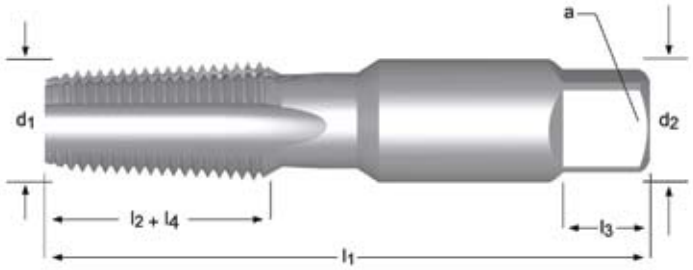
■ 1.3 1.4

● 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



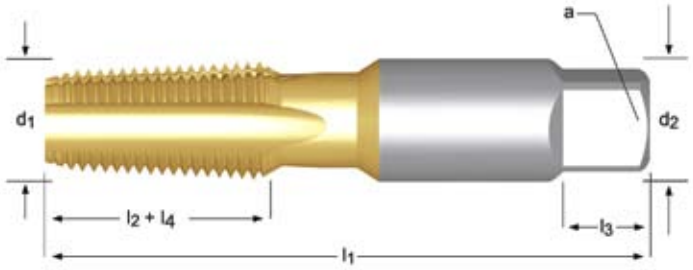
E710

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

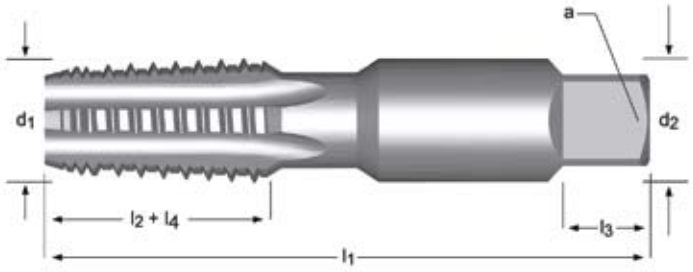
■ 1.3 1.4 3.1 3.2 3.3 3.4

● 1.1 1.2 1.5 6.2 7.3 7.4 8.1

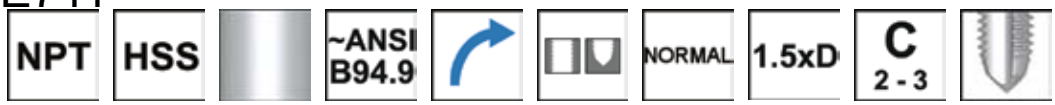
NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.5	4	E7211/8
1/4	18	13.72	75	27	14.3	10.7	11	11	4	E7211/4
3/8	18	17.15	80	27	17.8	13.5	13	14.5	4	E7213/8
1/2	14	21.34	100	35	17.5	13.1	16	18	4	E7211/2
3/4	14	26.67	105	35	23.0	17.2	17	23	5	E7213/4
1	11.5	33.40	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



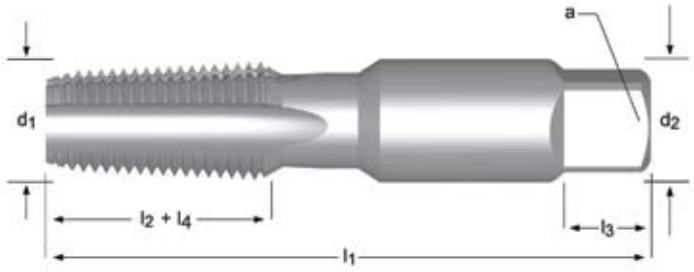
■ 1.3 1.4

● 1.1 1.2 1.5 3.1 3.2 3.3 3.4 6.2 7.3 7.4 8.1

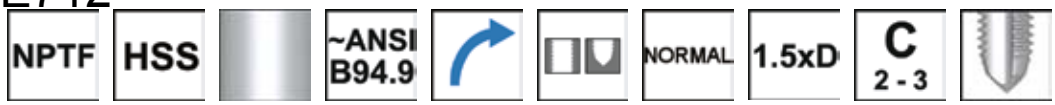
NPT	TPI	d_1 nom mm	l_1 mm	l_2 mm	d_2 Ø mm	a mm	l_3 mm		z	e-Code
1/8	27	10.29	70	19	11.1	8.3	10	8.5	5	**E7111/8**
1/4	18	13.72	75	27	14.3	10.7	11	11	5	**E7111/4**
3/8	18	17.15	80	27	17.8	13.5	13	14.5	5	**E7113/8**
1/2	14	21.33	100	35	17.5	13.1	16	18	5	**E7111/2**
3/4	14	26.67	105	35	23.0	17.2	17	23	5	**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



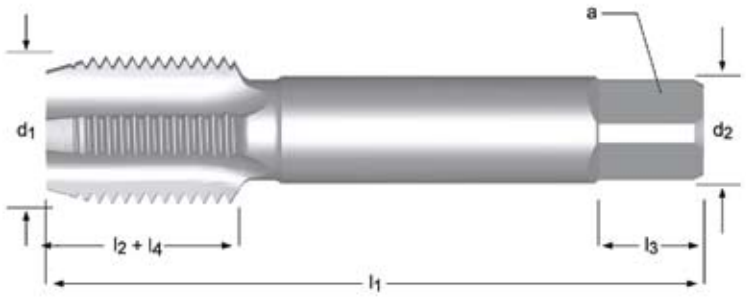
■ 1.3 1.4

● 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

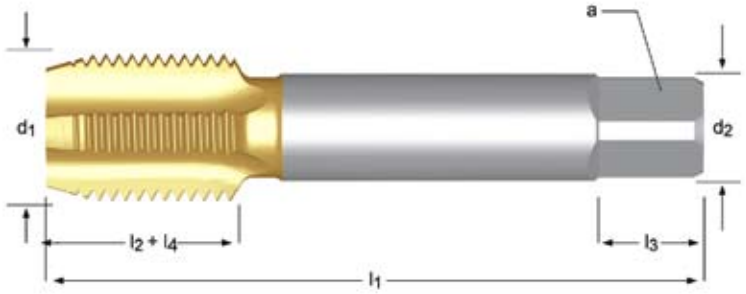
NPSF | HSS | ~ANSI B94.9 | NORMAL | 1.5xD

■ 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

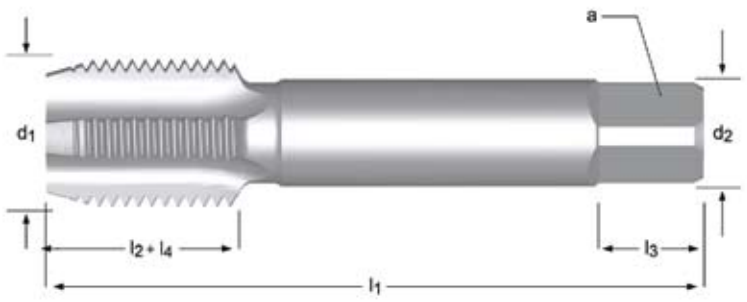
● 1.1 1.2 1.5 6.2 7.3 7.4 8.1

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

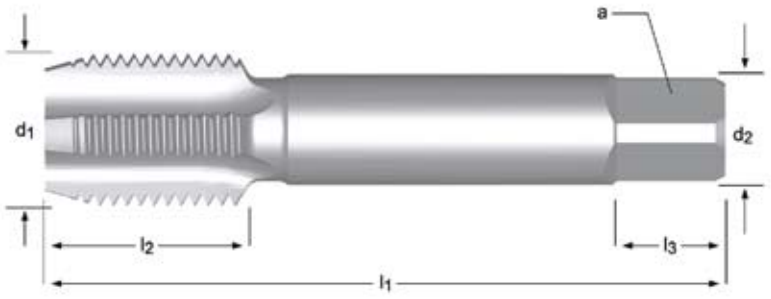
■ 1.3 1.4

● 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 | NO8 299