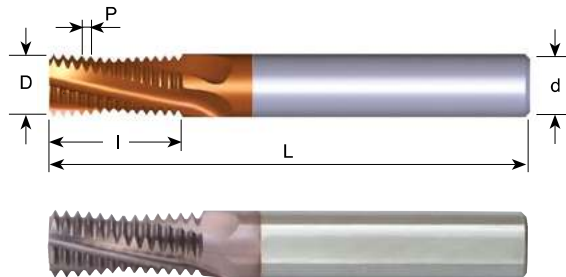
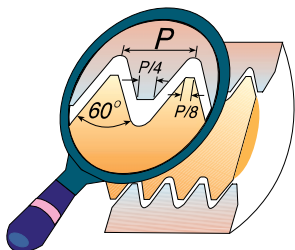


FRESE CARMEX IN PRONTA CONSEGNA



ISO

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	○	●	○	○	

Pitch mm	M coarse	M fine	Ordering Code	d	D	No. of Flutes	I	L
0.5	M3	M4	MT 06022 C5 0.5 ISO	6	2.2	3	5.3	58
0.5		M5	MT 06038 C10 0.5 ISO	6	3.8	3	10.3	58
0.5		M6, M8	MT 06053 D10 0.5 ISO	6	5.3	4	10.3	58
0.7	M4		MT 06031 C7 0.7 ISO	6	3.1	3	7.4	58
0.75		M6, M8	MT 06045 C10 0.75 ISO	6	4.5	3	10.1	58
0.75		M6, M8	MT 0605 C13 0.75 ISO	6	5.0	3	13.1	58
0.8	M5		MT 06036 C9 0.8 ISO	6	3.6	3	9.2	58
0.8	M5		MT 0604 C13 0.8 ISO	6	4.0	3	13.2	58
1.0	M6	M8	MT 0604 C10 1.0 ISO	6	4.0	3	10.5	58
1.0	M6	M8	MT 0604 C14 1.0 ISO	6	4.0	3	14.5	58
1.0		M9	MT 0606 C12 1.0 ISO	6	6.0	3	12.5	58
1.0		M10	MT 0808 D16 1.0 ISO	8	8.0	4	16.5	64
1.25	M8	M10	MT 0605 C14 1.25 ISO	6	5.0	3	14.4	58
1.25	M8	M10	MT 0605 C19 1.25 ISO	6	5.0	3	19.4	58
1.5	M10	M12	MT 0807 C17 1.5 ISO	8	7.0	3	17.3	64
1.5	M10	M12	MT 0807 C24 1.5 ISO	8	7.0	3	24.8	76
1.5		M14	MT 1010 D21 1.5 ISO	10	10.0	4	21.8	73
1.5		M14	MT 1212 D29 1.5 ISO	12	12.0	4	29.3	84
1.5		M16, M18	MT 1414 D32 1.5 ISO	14	14.0	4	32.3	84
1.5		M20	MT 1616 F33 1.5 ISO	16	16.0	6	33.8	105
1.75	M12		MT 0808 C20 1.75 ISO	8	8.0	3	20.1	64
1.75	M12		MT 0808 C28 1.75 ISO	8	8.0	3	28.9	76
2.0	M14	M17	MT 1010 C27 2.0 ISO	10	10.0	3	27.0	73
2.0	M14	M17	MT 1010 C39 2.0 ISO	10	10.0	3	39.0	105
2.0	M16	M18, M20	MT 1212 D27 2.0 ISO	12	12.0	4	27.0	84
2.0	M16	M18, M20	MT 14128 D39 2.0 ISO	14	12.8	4	39.0	105
2.0		M26	MT 2020 F41 2.0 ISO	20	20.0	6	41.0	105
2.5	M18, M20		MT 1414 D33 2.5 ISO	14	14.0	4	33.8	84
2.5	M18, M20		MT 1414 D48 2.5 ISO	14	14.0	4	48.8	105
3.0	M24	M28	MT 1616 C40 3.0 ISO	16	16.0	3	40.5	105
3.0	M24	M28	MT 1616 C58 3.0 ISO	16	16.0	3	58.5	120
3.0	M27	M28, M30	MT 2020 D43 3.0 ISO	20	20.0	4	43.5	105

Order example: MT 1212 D27 2.0 ISO MT7

● First choice ○ Alternative

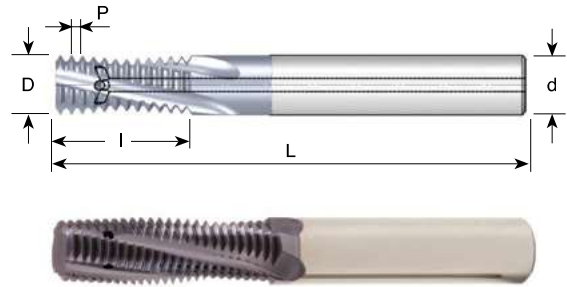
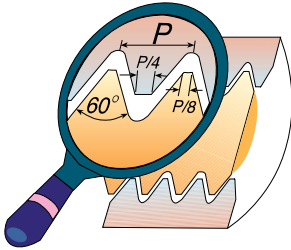
For thread mills with coolant bore see following pages

For small thread mills see pages B09-3, 4, 11, 15, 17 and B11-3, 6



ISO With internal coolant through the flutes

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	○	●	≤47 HRc

Pitch mm	M coarse	M fine	Ordering Code	d	D	No. of Flutes	I	L
1.0	M6	M8	MTZ 06048 C10 1.0 ISO	6	4.8	3	10.5	58
1.0		M8, M9	MTZ 0606 C12 1.0 ISO	6	6.0	3	12.5	58
1.0		M10	MTZ 0808 D16 1.0 ISO	8	8.0	4	16.5	64
1.25	M8	M10	MTZ 0606 C14 1.25 ISO	6	6.0	3	14.4	58
1.25	M8	M10	MTZ 0606 C19 1.25 ISO	6	6.0	3	19.4	58
1.5	M10	M12	MTZ 08078 C17 1.5 ISO	8	7.8	3	17.0	64
1.5	M10	M12	MTZ 0808 C23 1.5 ISO	8	8.0	3	23.3	64
1.5		M14	MTZ 1010 D21 1.5 ISO	10	10.0	4	21.8	73
1.5		M14, M16	MTZ 1212 D26 1.5 ISO	12	12.0	4	26.3	84
1.5		M16, M18	MTZ 1414 D32 1.5 ISO	14	14.0	4	32.3	101
1.5		M20	MTZ 1616 E33 1.5 ISO	16	16.0	5	33.8	101
1.75	M12		MTZ 1009 C20 1.75 ISO	10	9.0	3	20.1	73
1.75	M12		MTZ 1009 C28 1.75 ISO	10	9.0	3	28.9	73
2.0	M14	M17	MTZ 1010 C27 2.0 ISO	10	10.0	3	27.0	73
2.0	M16	M18, M20	MTZ 12118 D27 2.0 ISO	12	11.8	4	27.0	84
2.5	M20		MTZ 1615 E33 2.5 ISO	16	15.0	5	33.8	101

Order example: MTZ 08078 C17 1.5 ISO MT7

● First choice

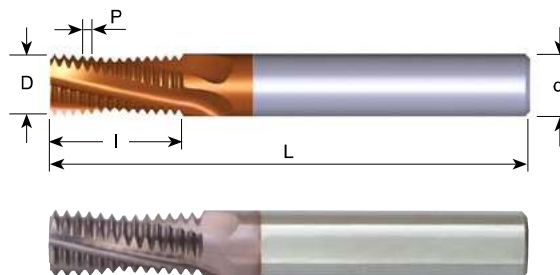
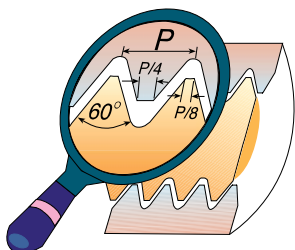
○ Alternative

For small thread mills see pages B09-3, 4, 11, 15, 17 and B11-3, 6



UN

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	○	●	○	○	

Pitch TPI	UNC	UNF	UNEF	Ordering Code	d	D	No. of Flutes	I	L
40	5			MT 06025 C6 40 UN	6	2.5	3	6.0	58
32	8	10	12	MT 06032 C6 32 UN	6	3.2	3	6.8	58
28		1/4		MT 0604 C11 28 UN	6	4.0	3	11.3	58
28		1/4		MT 06052 C15 28 UN	6	5.2	3	15.0	58
28			7/16-1/2	MT 0606 C14 28 UN	6	6.0	3	14.1	58
24		5/16		MT 0605 C14 24 UN	6	5.0	3	14.3	58
24		3/8	9/16-5/8	MT 0807 C21 24 UN	8	7.0	3	20.6	64
20	1/4			MT 06045 C12 20 UN	6	4.5	3	12.1	58
20		7/16-1/2		MT 0807 C21 20 UN	8	7.0	3	21.0	64
20			3/4-1	MT 1212 E27 20 UN	12	12.0	5	27.3	84
18	5/16			MT 0605 C14 18 UN	6	5.0	3	14.8	58
18	5/16			MT 0606 C20 18 UN	6	6.0	3	20.5	58
18		9/16-5/8	1 1/8-1 5/8	MT 1010 D26 18 UN	10	10.0	4	26.1	73
16	3/8			MT 0606 C16 16 UN	6	6.0	3	16.7	58
16	3/8			MT 08074 C24 16 UN	8	7.4	3	24.6	64
16		3/4		MT 1212 D31 16 UN	12	12.0	4	31.0	84
14	7/16			MT 0807 C20 14 UN	8	7.0	3	20.9	64
14	7/16			MT 10085 C28 14 UN	10	8.5	3	28.1	73
14		7/8		MT 1615 E37 14 UN	16	15.0	5	37.2	105
13	1/2			MT 0808 C22 13 UN	8	8.0	3	22.5	64
13	1/2			MT 10098 D32 13 UN	10	9.8	4	32.2	73
12	9/16			MT 1010 C26 12 UN	10	10.0	3	26.5	73
12	9/16			MT 12116 D37 12 UN	12	11.6	4	37.0	84
12		1-1 1/2		MT 1616 E41 12 UN	16	16.0	5	41.3	105
11	5/8			MT 1010 C28 11 UN	10	10.0	3	28.9	73
11	5/8			MT 1212 D38 11 UN	12	12.0	4	38.1	84
10	3/4			MT 1212 C34 10 UN	12	12.0	3	34.3	84
10	3/4			MT 16147 E49 10 UN	16	14.7	5	49.5	105
9	7/8			MT 1615 C38 9 UN	16	15.0	3	38.1	105
8	1			MT 1616 C42 8 UN	16	16.0	3	42.9	105
7	1 1/8 - 1 1/4			MT 2020 D45 7 UN	20	20.0	4	45.3	105

Order example: MT 1615 E37 14 UN MT7

● First choice ○ Alternative

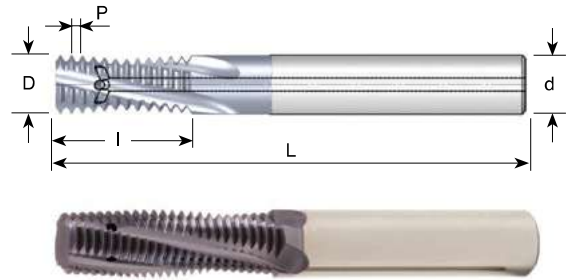
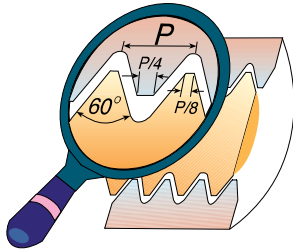
For thread mills with coolant bore see following pages

For small thread mills see pages B09-5, 6, 12, 15, 17 and B11-4, 6



UN With internal coolant through the flutes

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	○	●	≤47 HRc

Pitch TPI	UNC	UNF	UNEF	Ordering Code	d	D	No. of Flutes	I	L
28		1/4		MTZ 0605 C11 28 UN	6	5.0	3	11.3	58
28			7/16-1/2	MTZ 0606 C14 28 UN	6	6.0	3	14.1	58
24		5/16		MTZ 08066 C14 24 UN	8	6.6	3	14.3	64
24		3/8	9/16-5/8	MTZ 0808 D21 24 UN	8	8.0	4	20.6	64
20		7/16		MTZ 0808 C21 20 UN	8	8.0	3	21.0	64
20		1/2		MTZ 1010 D22 20 UN	10	10.0	4	22.3	73
20			3/4-1	MTZ 1212 E27 20 UN	12	12.0	5	27.3	84
18	5/16			MTZ 06056 C14 18 UN	6	5.6	3	14.8	58
18	5/16			MTZ 0606 C20 18 UN	6	6.0	3	20.5	58
18		9/16-5/8	1 1/8-1 5/8	MTZ 12113 D26 18 UN	12	11.3	4	26.1	84
16	3/8			MTZ 08067 C16 16 UN	8	6.7	3	16.7	64
16	3/8			MTZ 08074 C24 16 UN	8	7.4	3	24.6	64
16		3/4		MTZ 1212 D31 16 UN	12	12.0	4	31.0	84
14	7/16			MTZ 08077 C20 14 UN	8	7.7	3	20.9	64
14	7/16			MTZ 10085 C28 14 UN	10	8.5	3	28.1	73
14		7/8		MTZ 1616 E37 14 UN	16	16.0	5	37.2	101
13	1/2			MTZ 10092 C22 13 UN	10	9.2	3	22.5	73
13	1/2			MTZ 10098 D32 13 UN	10	9.8	4	32.2	73
12	9/16			MTZ 12105 C26 12 UN	12	10.5	3	26.5	84
12	9/16			MTZ 12116 D37 12 UN	12	11.6	4	37.0	84
12		1-1 1/2		MTZ 1616 E41 12 UN	16	16.0	5	41.3	101
11	5/8			MTZ 12114 C28 11 UN	12	11.4	3	28.9	84
10	3/4			MTZ 16144 D34 10 UN	16	14.4	4	34.3	105

Order example: MTZ 0808 D21 24 UN MT7

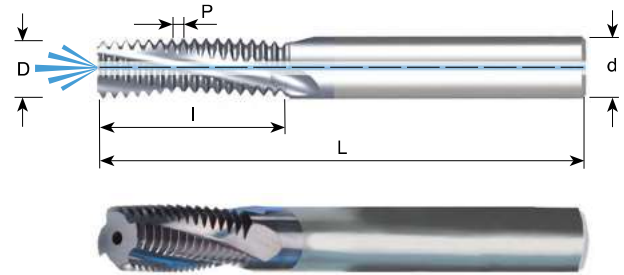
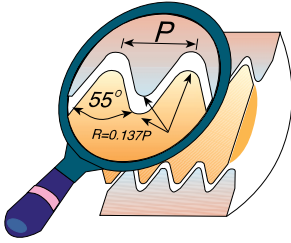
● First choice

○ Alternative



G (55°) BSF, BSP With internal coolant bore

Same Tool for Internal and External Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	○	●	≤47 HRc

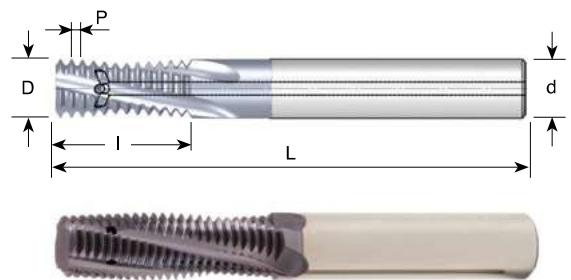
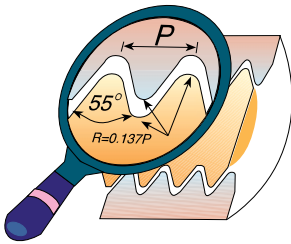
Pitch TPI	Standard	Ordering Code	d	D	No. of Flutes	I	L
28	G1/8	MTB 08078 C14 28 W	8	7.8	3	14.1	64
28	G1/8	MTB 0808 C20 28 W	8	8.0	3	20.4	64
19	G1/4	MTB 1010 D16 19 W	10	10.0	4	16.7	73
19	G1/4	MTB 1211 D27 19 W	12	11.0	4	27.4	84
19	G3/8	MTB 1414 D26 19 W	14	14.0	4	26.1	83
19	G3/8	MTB 1414 D34 19 W	14	14.0	4	34.1	83
14	G1/2-7/8	MTB 1616 E26 14 W	16	16.0	5	26.3	105
11	G≥1	MTB 1616 D38 11 W	16	16.0	4	38.1	105
11	G≥1	MTB 2020 E47 11 W	20	20.0	5	47.3	105

Order example: MTB 1010 D16 19 W MT7

For small thread mills see pages B09-7, B09-14 and B11-5

G (55°) BSF, BSP With internal coolant through the flutes

Same Tool for Internal and External Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	○	●	≤47 HRc

Pitch TPI	Standard	Ordering Code	d	D	No. of Flutes	I	L
28	G1/8	MTZ 08078 C14 28 W	8	7.8	3	14.1	64
19	G1/4-3/8	MTZ 1010 D16 19 W	10	10.0	4	16.7	73
14	G1/2-7/8	MTZ 1616 E26 14 W	16	16.0	5	26.3	101
11	G≥1	MTZ 1616 D38 11 W	16	16.0	4	38.1	101

Order example: MTZ 08078 C14 28 W MT7

For small thread mills see pages B09-7, B09-14 and B11-5



● First choice

○ Alternative