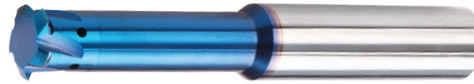


MTI For Threading Deep Parts

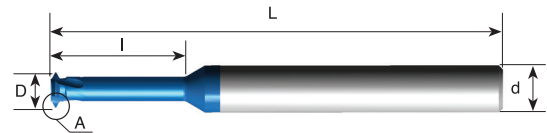
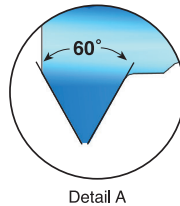


Demonstration

Low cutting forces thanks to the short profile

Carbide grade: **MT11** Ultra-fine Sub-Micron grade with advanced PVD triple blue coating.
MT8 Sub-Micron grade with advanced PVD triple coating (ISO K10-K20).
 Extremely high heat resistance and smooth cutting operation for high performance in normal and general machining conditions on all materials.

MTI Partial Profile 60° Same Tool for Internal and External Thread



Grade	P	M	K	N	S	H
MT11	●	●	●	○	●	≤62 HRc

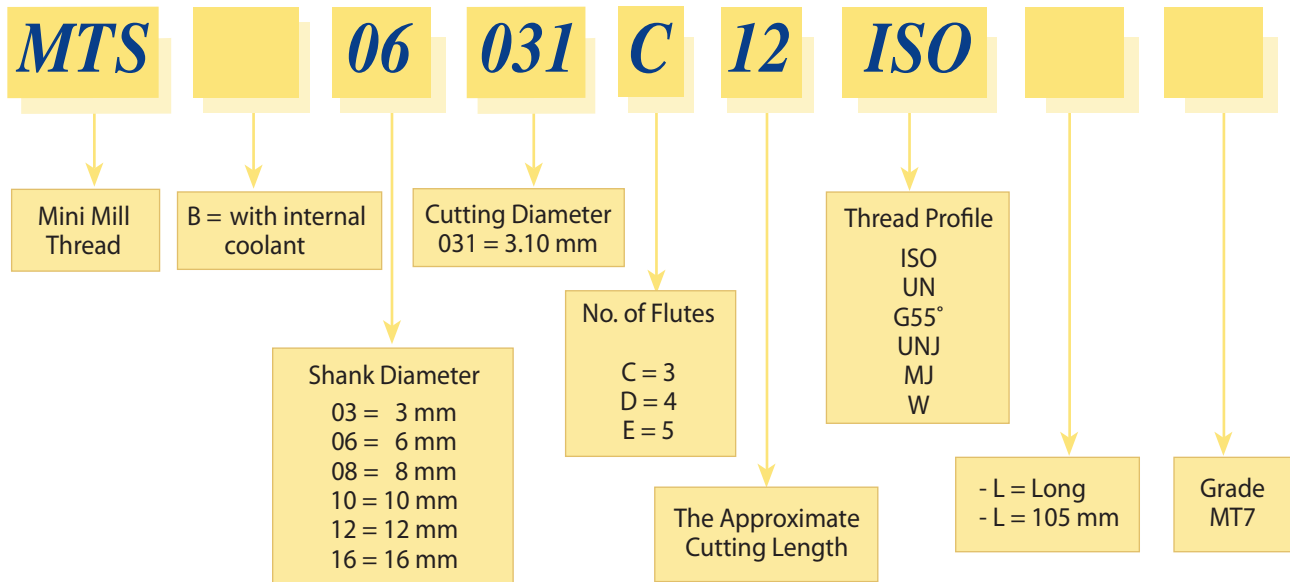
Pitch mm	Pitch TPI	M Coarse	M Fine	UN, UNC, UNS UNF, UNEF	Ordering Code	d mm	D	No. of Flutes	I	L
0.25-0.35	100-72	M1.6 x 0.35	M1.6 x 0.25 M1.8 x 0.25 M2 x 0.25	0-80 UNF	MTI 03012 C3 A60	3	1.15	3	3.1	39
0.35-0.45	72-56	M2 x 0.4 M2.2 x 0.45	M2 x 0.35 M2.2 x 0.35	1-64 UNC, 1-72 UNF, 2-56 UNC, 2-64 UNF	MTI 03014 C4 A60	3	1.40	3	3.7	39
0.35-0.5	72-48		M4.5 x 0.35 M5 x 0.35 M5.5 x 0.35 M6.0 x 0.35 M5 x 0.5 M6 x 0.5	10-56 UNS, 10-48 UNS, 12-56 UNS, 12-48 UNS	MTI 0604 C15 A60	6	4.00	3	15.0	58
0.35-0.6	72-40	M2.5 x 0.45	M2.5 x 0.35 M3 x 0.35	3-48 UNC, 3-56 UNF, 4-40 UNC, 4-48 UNF	MTI 03019 C5 A60	3	1.90	3	5.2	39
0.5-0.8	48-32	M3 x 0.5 M3.5 x 0.6	M3.5 x 0.5	5-40 UNC, 5-44 UNF, 6-32 UNC, 6-40 UNF	MTI 03024 C7 A60	3	2.45	3	7.0	39
0.5-1.0	48-24	M4 x 0.7 M4.5 x 0.75	M4 x 0.5	8-32 UNC, 8-36 UNF, 10-24 UNC, 10-28 UNS, 10-32 UNF	MTI 06032 C9 A60	6	3.20	3	9.5	58
0.5-1.0	48-24	M5 x 0.8 M6 x 1.0	M5 x 0.5 M5.5 x 0.5 M5 x 0.75	10-36 UNS, 10-40 UNS, 10-48 UNS, 12-24 UNC, 12-28 UNF	MTI 0604 C12 A60	6	4.00	3	12.5	58

Order example: MTI 03024 C7 A60 MT11

● First choice ○ Alternative

Product Identification

Mini Mill-Thread MTS Ordering Codes



Mini Mill-Thread MTI and FMTI Ordering Codes

