

Mini Mill-Thread



MTS

- Threading from ISO M1 x 0.25 and 0-80UN.
- Working in high cutting speed.
- Short machining time.
- Low cutting forces thanks to the short profile.
- No broken taps.
- Machining of hardened materials up to 45 HRc.

Advantages

- Enables machining in deep holes.
- Same tool can produce a wide range of threads and pitches.
- Same tool can produce both External and Internal threads.

Carbide grade: MT7

Sub-Micron grade with Titanium Aluminum Nitride multi-layer coating (ISO K10 - K20). To be run at medium to high cutting speeds. General purpose for all materials.

- Coolant through the flutes is very effective for deep holes.
- Spiral flutes allow smooth cutting action.
- Shorter machining time due to multi (3 to 5) flutes.
- Longer tool life due to special triple coating.

MTI - For threading deep parts

Carbide grade: MT8 Sub-micron grade with advanced PVD triple coating (ISO K10-K20). Extremely high heat resistant and smooth cutting operation, for high performance, and normal machining conditions. General purpose for all materials.

MT11 Ultra-fine Sub-micron grade with advanced PVD triple blue coating.

Contents:

Page: Contents:

Page:

Product Identification 226

MTS

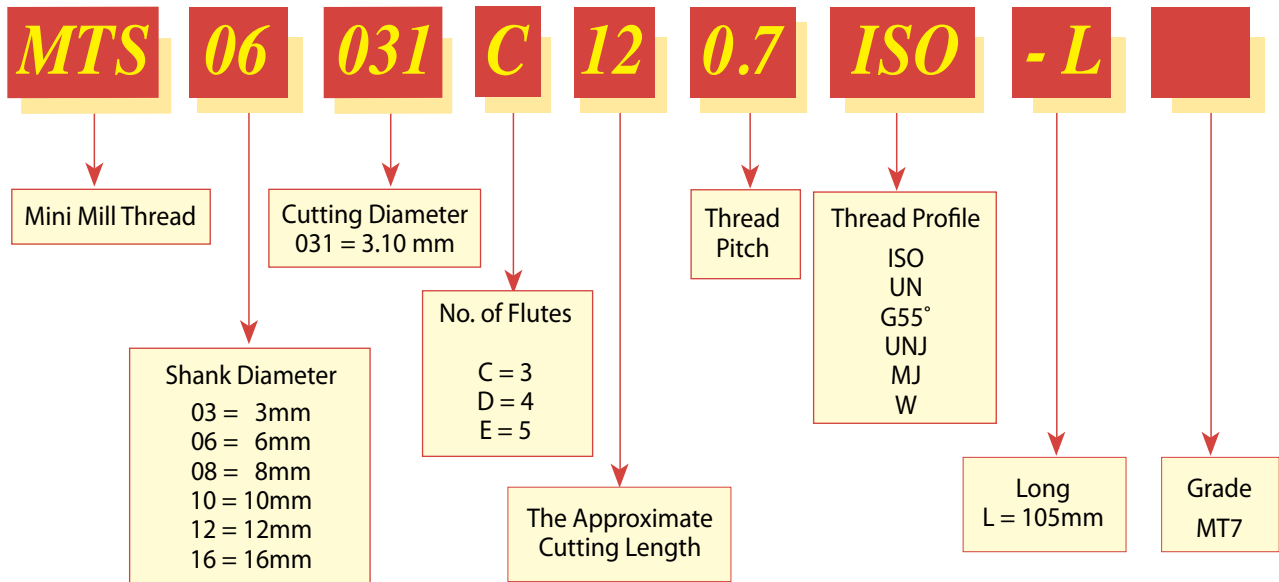
ISO	227-228
UN	229-230
G55°	231
UNJ - with Internal Coolant through the flutes	232
MJ - with Internal Coolant through the flutes	232

MTI

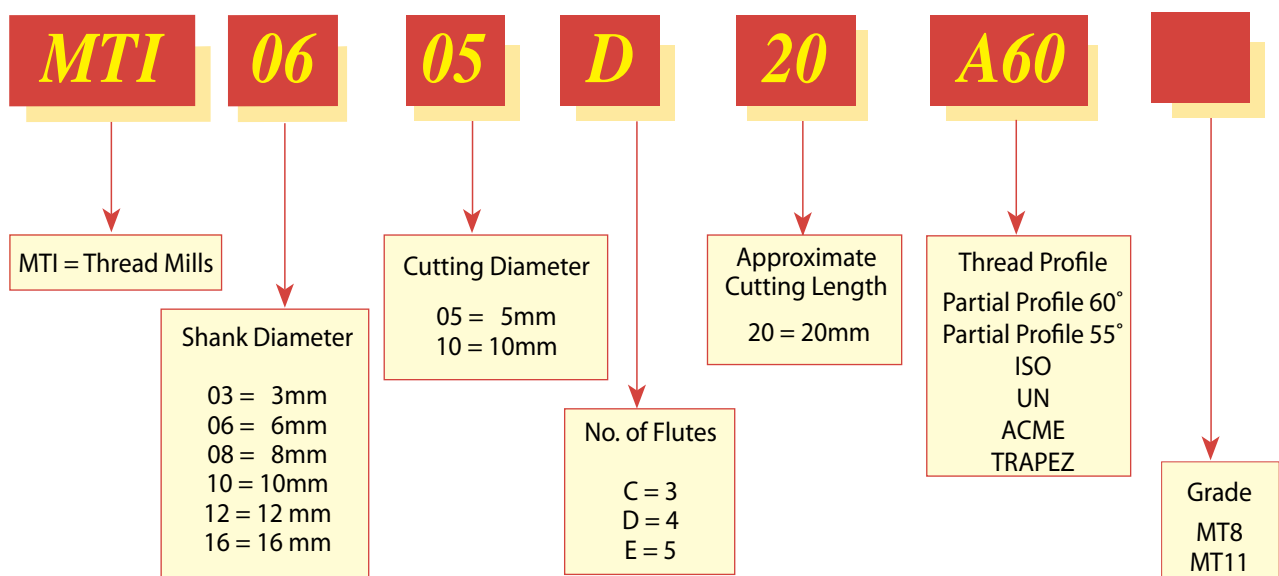
Partial Profile 60°	233
Partial Profile 60° - with Internal Coolant through the flutes	233
Partial Profile 55°	234
ISO	235
UN	235
Trapez	236
Acme	236

Product Identification

Mini Mill-Thread MTS Ordering Codes

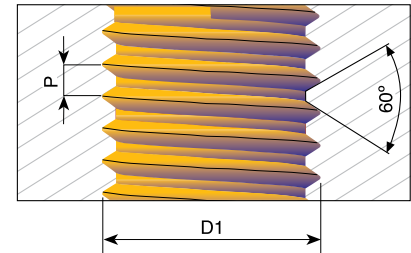


Mini Mill-Thread MTI Ordering Codes



ISO

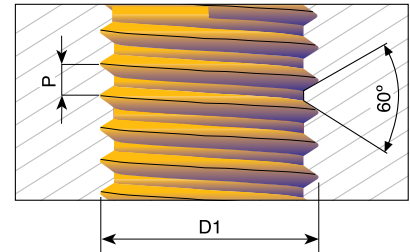
Tools for Internal Thread



Pitch mm	D1	Ordering Code	d	D	No. of Flutes	I	L	Thread depth
0.25	M1	MTS03007C2 0.25 ISO	3	0.72	3	2.5	39	2.5xD1
0.25	M1.2	MTS03009C3 0.25 ISO	3	0.90	3	3.0	39	2xD1
0.3	M1.4	MTS03011C4 0.3 ISO	3	1.05	3	4.0	39	3xD1
0.35	M1.6	MTS03012C5 0.35 ISO	3	1.20	3	4.8	39	3xD1
	M1.6	MTS06012C5 0.35 ISO-L	6	1.20	3	4.8	105	3xD1
0.35	M5	MTS06045D14 0.35 ISO	6	4.50	4	14.5	48	3xD1
0.4	M2	MTS06016C4 0.4 ISO	6	1.53	3	4.5	58	2xD1
	M2	MTS06016C4 0.4 ISO-L	6	1.53	3	4.5	105	2xD1
	M2	MTS03016C6 0.4 ISO	3	1.53	3	6.0	39	3xD1
	M2	MTS03016C10 0.4 ISO	3	1.53	3	10.4	39	5xD1
0.45	M2.2	MTS06017C5 0.45 ISO	6	1.65	3	5.0	58	2xD1
	M2.2	MTS03017C7 0.45 ISO	3	1.65	3	7.0	39	3xD1
0.45	M2.5	MTS0602C5 0.45 ISO	6	1.95	3	5.5	58	2xD1
	M2.5	MTS0602C5 0.45 ISO-L	6	1.95	3	5.5	105	2xD1
	M2.5	MTS0602C7 0.45 ISO	6	1.95	3	7.5	58	3xD1
	M2.5	MTS0602C8 0.45 ISO-L	6	1.95	3	8.0	105	3xD1
	M2.5	MTS0302C10 0.45 ISO	3	1.95	3	10.5	39	4xD1
0.5	M3	MTS06024C6 0.5 ISO	6	2.37	3	6.5	58	2xD1
	M3	MTS06024C6 0.5 ISO-L	6	2.37	3	6.5	105	2xD1
	M3	MTS06024C9 0.5 ISO	6	2.37	3	9.5	58	3xD1
	M3	MTS06024C9 0.5 ISO-L	6	2.37	3	9.5	105	3xD1
	M3	MTS03024C12 0.5 ISO	3	2.40	3	12.5	39	4xD1
	M3	MTS03024C15 0.5 ISO	3	2.40	3	15.5	39	5xD1
0.5	M6, M7	MTS06054D20 0.5 ISO	6	5.35	4	20.0	58	3xD1
0.6	M3.5	MTS06028C7 0.6 ISO	6	2.75	3	7.5	58	2xD1
	M3.5	MTS06028C10 0.6 ISO	6	2.75	3	10.5	58	3xD1
0.7	M4	MTS06031C9 0.7 ISO	6	3.10	3	9.0	58	2xD1
	M4	MTS06031C12 0.7 ISO	6	3.10	3	12.5	58	3xD1
	M4	MTS06031C12 0.7 ISO-L	6	3.10	3	12.5	105	3xD1
	M4	MTS06031C16 0.7 ISO	6	3.10	3	16.7	58	4xD1
0.75	M10	MTS0808D25 0.75 ISO	8	8.00	4	25.0	64	2.5xD1
0.8	M5	MTS06038C12 0.8 ISO	6	3.80	3	12.5	58	2xD1
	M5	MTS06038C16 0.8 ISO	6	3.80	3	16.0	58	3xD1
	M5	MTS06038C16 0.8 ISO-L	6	3.80	3	16.0	105	3xD1
	M5	MTS0604C20 0.8 ISO	6	4.00	3	20.8	58	4xD1

ISO

Tools for Internal Thread



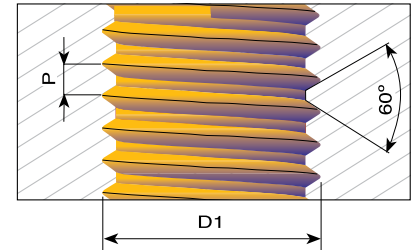
Pitch mm	D1	Ordering Code	d	D	No. of Flutes	I	L	Thread depth
1.0	M6	MTS06047C14 1.0 ISO	6	4.65	3	14.0	58	2xD1
	M6	MTS06047C20 1.0 ISO	6	4.65	3	20.0	58	3xD1
	M6	MTS06047C20 1.0 ISO-L	6	4.65	3	20.0	105	3xD1
	M6	MTS06048C25 1.0 ISO	6	4.80	3	25.0	58	4xD1
1.0	M10	MTS0808D31 1.0 ISO	8	8.00	4	31.0	64	3xD1
1.25	M8	MTS0606C18 1.25 ISO	6	6.0	3	18.0	58	2xD1
	M8	MTS0606C24 1.25 ISO	6	6.0	3	24.0	58	3xD1
	M8	MTS0606C24 1.25 ISO-L	6	6.0	3	24.0	105	3xD1
1.5	M10	MTS08078C23 1.5 ISO	8	7.80	3	23.0	64	2xD1
	M10	MTS08078C31 1.5 ISO	8	7.80	3	31.5	64	3xD1
	M10	MTS08078C31 1.5 ISO-L	8	7.80	3	31.5	105	3xD1
1.75	M12	MTS1009C26 1.75 ISO	10	9.00	3	26.0	73	2xD1
	M12	MTS1009C37 1.75 ISO	10	9.00	3	37.8	73	3xD1
2.0	M16	MTS12118D35 2.0 ISO	12	11.80	4	35.0	84	2xD1
	M16	MTS12118D50 2.0 ISO	12	11.80	4	50.0	105	3xD1
2.5	M20	MTS1615E43 2.5 ISO	16	15.00	5	43.0	105	2xD1

- Machining Titanium, surgical stainless steels and hardened materials up to 45 HRC.
- Suitable for high speed air turbine machines (30,000-40,000 RPM) and for standard machining centers (6,000 RPM and higher).
- Can also be used for general purpose threading.

Order example: [MTS 03024C12 0.5 ISO MT7](#)

UN

Tools for Internal Thread

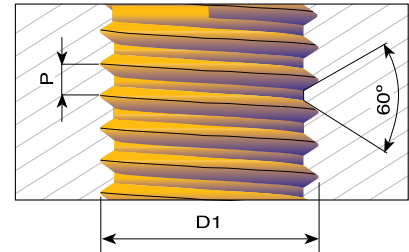
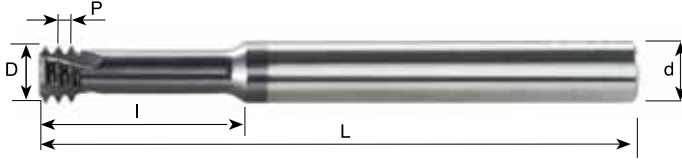


Pitch TPI	UNC	UNF	Ordering Code	d	D	No. of Flutes	l	L	Thread depth
80		0	MTS06012C4 80 UN	6	1.15	3	4.0	58	3xD1
		0	MTS03012C8 80 UN	3	1.15	3	8.0	39	5xD1
72		1	MTS06014C3 72 UN	6	1.45	3	3.7	58	2xD1
		1	MTS03015C6 72 UN	3	1.45	3	6.0	39	3xD1
64	1	2	MTS06014C3 64 UN	6	1.40	3	3.8	58	2xD1
56	2	3	MTS03016C4 56 UN	3	1.65	3	4.4	39	2xD1
	2	3	MTS06016C4 56 UN	6	1.65	3	4.4	58	2xD1
	2	3	MTS03016C6 56 UN	3	1.65	3	6.6	39	3xD1
	2	3	MTS06016C6 56 UN	6	1.65	3	6.6	58	3xD1
	2	3	MTS06016C6 56 UN-L	6	1.65	3	6.6	105	3xD1
	2	3	MTS03016C9 56 UN	3	1.65	3	9.2	39	4xD1
	2	3	MTS03016C11 56 UN	3	1.65	3	11.4	39	5xD1
48	3	4	MTS06019C5 48 UN	6	1.90	3	5.2	58	2xD1
40	4		MTS06021C6 40 UN	6	2.10	3	6.3	58	2xD1
	4		MTS06021C6 40 UN-L	6	2.10	3	6.3	105	2xD1
	4		MTS03021C8 40 UN	3	2.10	3	8.0	39	3xD1
	4		MTS06021C8 40 UN	6	2.10	3	8.0	58	3xD1
	4		MTS06021C8 40 UN-L	6	2.10	3	8.0	105	3xD1
	4		MTS03021C12 40 UN	3	2.10	3	12.0	39	4xD1
40	5	6	MTS06024C7 40 UN	6	2.45	3	7.0	58	2xD1
	5	6	MTS06024C9 40 UN	6	2.45	3	9.6	58	3xD1
36		8	MTS06033C9 36 UN	6	3.30	3	9.0	58	2xD1
32	6		MTS06025C7 32 UN	6	2.55	3	7.1	58	2xD1
	6		MTS06025C7 32 UN-L	6	2.55	3	7.1	105	2xD1
	6		MTS03025C10 32 UN	3	2.55	3	10.5	39	3xD1
	6		MTS06025C10 32 UN	6	2.55	3	10.5	58	3xD1
	6		MTS06025C10 32 UN-L	6	2.55	3	10.5	105	3xD1
	6		MTS03025C14 32 UN	3	2.55	3	14.8	39	4xD1
32	8		MTS06032C9 32 UN	6	3.20	3	9.5	58	2xD1
	8		MTS06032C9 32 UN-L	6	3.20	3	9.5	105	2xD1
	8		MTS06032C12 32 UN	6	3.20	3	12.5	58	3xD1
	8		MTS06032C12 32 UN-L	6	3.20	3	12.5	105	3xD1
	8		MTS06032C17 32 UN	6	3.20	3	17.5	58	4xD1
32		10	MTS06037C10 32 UN	6	3.70	3	10.5	58	2xD1
		10	MTS06037C15 32 UN	6	3.70	3	15.0	58	3xD1
		10	MTS06037C15 32 UN-L	6	3.70	3	15.0	105	3xD1
		10	MTS06037C20 32 UN	6	3.70	3	20.0	58	4xD1

Order example: MTS 06021C6 40 UN MT7

UN

Tools for Internal Thread



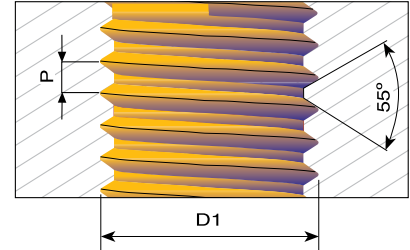
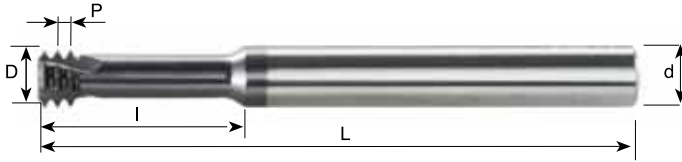
Pitch TPI	UNC	UNF	Ordering Code	d	D	No. of Flutes	l	L	Thread depth
28		12	MTS06042C11 28 UN	6	4.20	3	11.0	58	2xD1
		1/4	MTS0605C14 28 UN	6	5.00	3	14.5	58	2xD1
		1/4	MTS0605C19 28 UN	6	5.00	3	19.0	58	3xD1
		1/4	MTS0605C19 28 UN-L	6	5.00	3	19.0	105	3xD1
24	10, 12		MTS06035C10 24 UN	6	3.50	3	10.6	58	2xD1
	10, 12		MTS06035C15 24 UN	6	3.50	3	15.5	58	3xD1
24		5/16, 3/8	MTS08066C17 24 UN	8	6.60	3	17.0	64	2xD1
		5/16, 3/8	MTS08066C24 24 UN	8	6.60	3	24.0	64	3xD1
20			MTS06047C14 20 UN	6	4.75	3	14.0	58	2xD1
			MTS06047C14 20 UN-L	6	4.75	3	14.0	105	2xD1
			MTS06047C19 20 UN	6	4.75	3	19.0	58	3xD1
			MTS06047C19 20 UN-L	6	4.75	3	19.0	105	3xD1
20		7/16	MTS0808C25 20 UN	8	8.00	3	25.0	64	2xD1
		7/16	MTS0808C34 20 UN	8	8.00	3	34.6	64	3xD1
18	5/16		MTS0606C17 18 UN	6	6.00	3	17.0	58	2xD1
	5/16		MTS0606C23 18 UN	6	6.00	3	23.0	58	3xD1
18		5/8	MTS1212D35 18 UN	12	12.00	4	35.0	84	2xD1
		5/8	MTS1212D49 18 UN	12	12.00	4	49.0	105	3xD1
16	3/8		MTS08067C22 16 UN	8	6.70	3	22.0	64	2xD1
	3/8		MTS08067C30 16 UN	8	6.70	3	30.2	64	3xD1
14	7/16		MTS08077C25 14 UN	8	7.70	3	25.0	64	2xD1
	7/16		MTS08077C35 14 UN	8	7.70	3	35.2	64	3xD1
13	1/2		MTS10092C27 13 UN	10	9.20	3	27.5	73	2xD1
	1/2		MTS10092C40 13 UN	10	9.20	3	40.1	73	3xD1
12	9/16		MTS12105C31 12 UN	12	10.50	3	31.5	84	2xD1
	9/16		MTS12105C45 12 UN	12	10.50	3	45.0	105	3xD1
11	5/8		MTS12114C34 11 UN	12	11.40	3	34.5	84	2xD1
	5/8		MTS12114C50 11 UN	12	11.40	3	50.0	105	3xD1
10	3/4		MTS16144D41 10 UN	16	14.40	4	41.5	105	2xD1
	3/4		MTS16144D59 10 UN	16	14.40	4	59.7	105	3xD1

Order example: [MTS 0605C19 28 UN MT7](#)

- Machining Titanium, surgical stainless steels and hardened materials up to 45 HRc.
- Suitable for high speed air turbine machines (30,000-40,000 RPM) and for standard machining centers (6,000 RPM and higher).
- Can also be used for general purpose threading.

G 55° BSW, BSP

Same Tool for Internal and External Thread



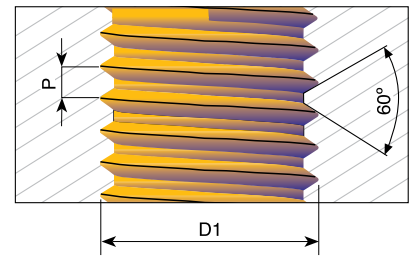
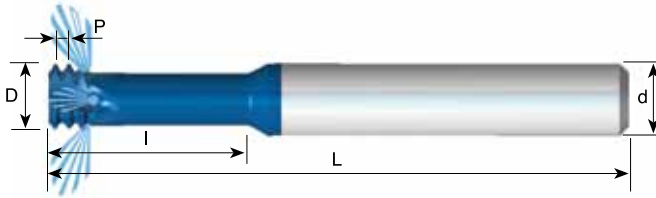
For thread depth up to 2 x D1

Pitch TPI	Standard	Ordering Code	d	D	No. of Flutes	I	L	Thread depth
28	G 1/8	MTS08078C19 28 W	8	7.8	3	19.5	64	2xD1
19	G 1/4 - 3/8	MTS1010D30 19 W	10	10.0	4	30.0	73	2xD1
14	G 1/2 - 7/8	MTS1212D37 14 W	12	12.0	4	37.0	84	2xD1
11	G ≥ 1	MTS1616D44 11 W	16	16.0	4	44.0	105	2xD1

Order example: MTS 1212D37 14 W MT7

UNJ With internal coolant through the flutes

Tools for Internal Thread



For thread depth up to 2.5 x D1

Pitch TPI	UNJC	UNJF	Ordering Code	d	D	No. of Flutes	I	L
* 32	8	10	MTS06033C10 32 UNJ	6	3.30	3	10.5	58
28		1/4	MTS08051C16 28 UNJ	8	5.10	3	16.0	64
24		5/16, 3/8	MTS08067C20 24 UNJ	8	6.70	3	20.0	64
* 20	1/4		MTS06049C16 20 UNJ	6	4.90	3	16.0	58
20		7/16	MTS0808C28 20 UNJ	8	8.00	3	28.0	64
18	5/16	9/16	MTS08061C20 18 UNJ	8	6.15	3	20.0	64
16	3/8		MTS08069C24 16 UNJ	8	6.90	3	24.0	64
14	7/16		MTS08079C25 14 UNJ	8	7.90	3	25.0	64
13	1/2		MTS10094C27 13 UNJ	10	9.40	3	27.5	73

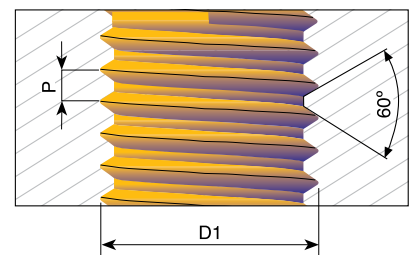
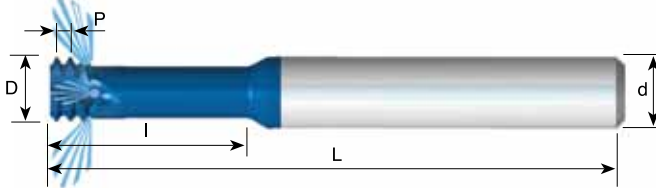
* Cutters without coolant

Order example: MTS 06049C16 20 UNJ MT8

Carbide grade MT8 Sub Micron grade with advanced PVD triple coating (ISO K 10-K20). Extremely high heat resistant and smooth cutting operation, for high performance, and normal machining conditions. General purpose for all materials

MJ With internal coolant through the flutes

Tools for Internal Thread



For thread depth up to 2.5 x D1

Pitch TPI	D1	Ordering Code	d	D	No. of Flutes	I	L
* 0.7	MJ4	MTS06032C10 0.7 MJ	6	3.20	3	10.0	58
* 0.8	MJ5	MTS06039C12 0.8 MJ	6	3.90	3	12.5	58
* 1.0	MJ6	MTS06048C15 1.0 MJ	6	4.80	3	15.0	58
1.25	MJ8	MTS08061C20 1.25 MJ	8	6.10	3	20.0	64
1.5	MJ10	MTS0808C25 1.5 MJ	8	8.00	3	25.5	64
1.75	MJ12	MTS10092C30 1.75 MJ	10	9.20	3	30.0	73
2.0	MJ14, MJ16	MTS1010C35 2.0 MJ	10	10.00	3	35.0	73

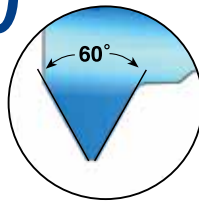
* Cutters without coolant

Order example: MTS 06048C15 1.0 MJ MT8

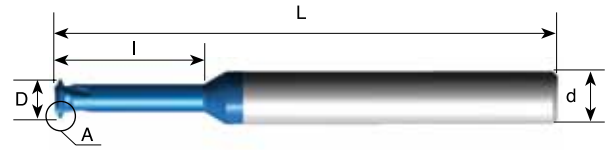
Carbide grade MT8 Sub Micron grade with advanced PVD triple coating (ISO K 10-K20). Extremely high heat resistant and smooth cutting operation, for high performance, and normal machining conditions. General purpose for all materials

Partial Profile 60°

Same Tool for Internal and External Thread



Detail A



Pitch mm	Pitch TPI	Ordering Code	M Coarse	M Fine	UN, UNC, UNS UNF, UNEF	d mm	D	No. of Flutes	I	L
0.25-0.35	100-72	MTI03012C3 A60	M1.6 x 0.35	M1.6 x 0.25 M1.8 x 0.25 M2.0 x 0.25	0-80 UNF	3	1.15	3	3.1	39
0.35-0.45	72-56	MTI03014C4 A60	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	3	1.40	3	3.7	39
0.35-0.6	72-40	MTI03019C5 A60	M2.5 x 0.45	M2.5 x 0.35 M3 x 0.35	3-84 UNC, 3-56 UNF, 4-40 UNC, 4-48 UNF	3	1.90	3	5.2	39
0.5 -0.8	48-32	MTI03024C7 A60	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	3	2.45	3	7.0	39
0.5 -1.0	48-24	MTI06032C9 A60	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	6	3.20	3	9.5	58
0.5 -1.0	48-24	MTI0604C12 A60	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	6	4.00	3	12.5	58

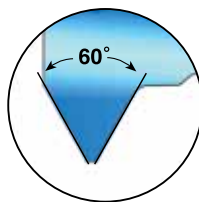
Order example: MTI 03024C7 A60 MT11

Carbide grade: **MT11** Ultra-fine Sub-micron grade with PVD triple Blue coating

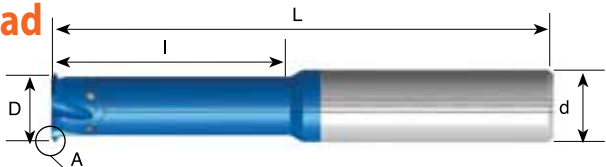
Partial Profile 60°

With internal coolant through the flutes

Same Tool for Internal and External Thread



Detail A



For threading deep parts

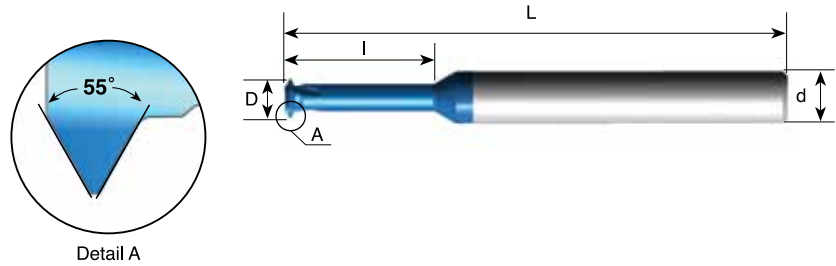
Pitch mm	Pitch TPI	Thread Dia. (mm)	Ordering Code	d	D	No. of Flutes	I	L
Int. 0.5 - 0.8 Ex. 0.4 - 0.8	56-28 64-32	$\varnothing \geq 6$	MTI0605D20 A60	6	5.0	4	20	58
		$\varnothing \geq 9$	MTI0808D28 A60	8	8.0	4	28	64
		$\varnothing \geq 13$	MTI1212E38 A60	12	12.0	5	38	84
Int. 1.0 - 1.75 Ex. 0.8 - 1.5	28-14 32-16	$\varnothing \geq 10$	MTI0808D30 A60	8	8.0	4	30	64
		$\varnothing \geq 12$	MTI1010D35 A60	10	10.0	4	35	73
		$\varnothing \geq 14$	MTI1212E39 A60	12	12.0	5	39	84
Int. 2.0 - 3.0 Ex. 1.75-2.5	13- 8 15-10	$\varnothing \geq 16$	MTI1212E40 A60	12	12.0	5	40	84
		$\varnothing \geq 18$	MTI1614E45 A60	16	14.0	5	45	101
		$\varnothing \geq 20$	MTI1616E50 A60	16	16.0	5	50	101

Order example: MTI 0808D28 A60 MT8

Carbide grade: **MT8** With triple Blue coating

Partial Profile 55°

Same Tool for Internal and External Thread



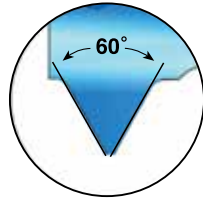
Pitch TPI	Ordering Code	d	D	No. of Flutes	I	L
40-32	MTI03023C7 A55	3	2.25	3	7.0	39
28-20	MTI06044C14 A55	6	4.35	3	14.0	58
28-18	MTI06059C20 A55	6	5.85	3	20.5	58
20-14	MTI0807C23 A55	8	7.00	3	23.0	64

Order example: MTI 06044C14A55 MT11

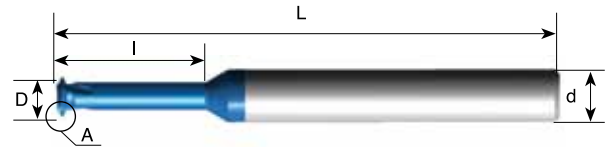
Carbide grade: MT11 Ultra-fine Sub-micron grade with PVD triple Blue coating

ISO

Tools for Internal Thread



Detail A



For thread depth up to 3.5 x D1

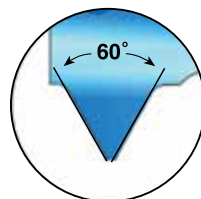
Pitch mm	M Coarse	M Fine	Ordering Code	d	D	No. of Flutes	l	L
0.25	M1 x 0.25		MTI03007C3 0.25 ISO	3	0.72	3	3.6	39
0.25	M1.2 x 0.25	M1.4 x 0.25 M1.6 x 0.25	MTI03009C4 0.25 ISO	3	0.90	3	4.3	39
0.3	M1.4 x 0.3		MTI03011C5 0.3 ISO	3	1.05	3	5.0	39
0.35	M1.6 x 0.35	M2 x 0.35 M2.2 x 0.35	MTI03012C6 0.35 ISO	3	1.20	3	5.7	39
0.4	M2 x 0.4		MTI03016C7 0.4 ISO	3	1.55	3	7.1	39
0.5	M3 x 0.5	M3.5 x 0.5 M4 x 0.5	MTI03024C10 0.5 ISO	3	2.37	3	10.6	39

Order example: MTI 03012C6 0.35 ISO MT11

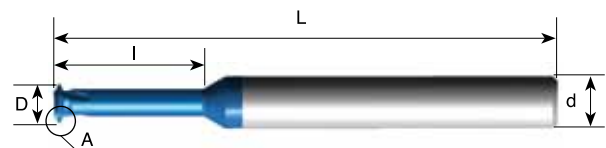
Carbide grade: MT11 Ultra-fine Sub-micron grade with PVD triple Blue coating

UN

Tools for Internal Thread



Detail A



For thread depth up to 3.5 x D1

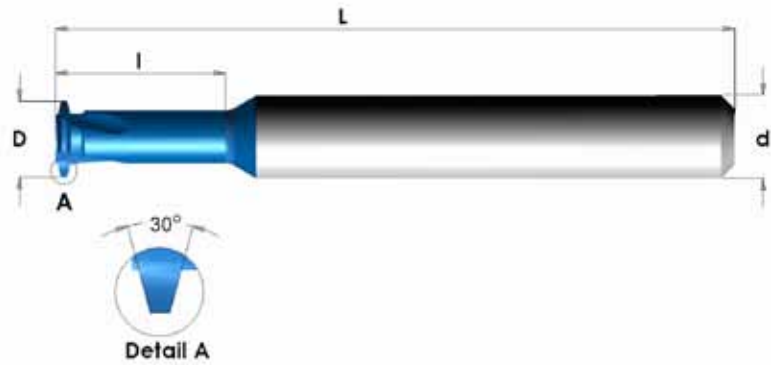
Pitch TPI	UNC	UNF	Ordering Code	d	D	No. of Flutes	l	L
80		0	MTI03012C5 80 UN	3	1.15	3	5.5	39
72		1	MTI03015C7 72 UN	3	1.45	3	6.6	39
56	2	3	MTI03016C9 56 UN	3	1.65	3	8.9	39
40	4		MTI03021C10 40 UN	3	2.10	3	10.1	39

Order example: MTI 03016C9 56 UN MT11

Carbide grade: MT11 Ultra-fine Sub-micron grade with PVD triple Blue coating

Trapez-DIN 103

Tools for Internal Thread



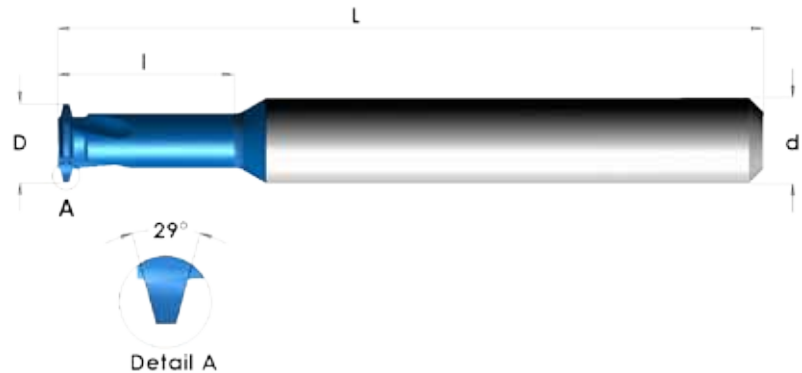
For thread depth up to 2 x D1

Pitch mm	Thread size	Ordering Code	d	D	No. of Flutes	l	L
1.5	Tr8x1.5 Tr9x1.5	MTI06055C13 1.5 TR	6	5.5	3	13.5	58
2	Tr10x2 Tr11x2	MTI08066C21 2 TR	8	6.6	3	21.0	64
2	Tr12x2 Tr14x2	MTI10086D25 2 TR	10	8.6	4	25.0	73
3	Tr12x3	MTI0807C25 3 TR	8	7.0	3	25.0	64
3	Tr14x3 Tr22x3	MTI10089D29 3 TR	10	8.9	4	29.0	73
4	Tr16x4 Tr18x4 Tr20x4	MTI10092C33 4 TR	10	9.2	3	33.0	73
5	Tr22x5 Tr24x5 Tr26x5	MTI14135D45 5 TR	14	13.5	4	45.0	105

Order example: MTI 08066C21 2TR MT8

Acme

Tools for Internal Thread -
Inch Shank



Pitch TPI	Thread size	Ordering Code	d	D	No. of Flutes	l	L
16	1/4-16	MTI0250C04 16 ACME	1/4	4.3	3	9.7	64
14	5/16-14	MTI0250C06 14 ACME	1/4	5.2	3	15.2	64
12	3/8-12 7/16-12	MTI0250C08 12 ACME	1/4	6.1	3	19.1	64
10	1/2-10	MTI0375D10 10 ACME	3/8	8.3	4	25.4	76
8	5/8-8	MTI0500D11 8 ACME	1/2	10.4	4	27.9	89
6	3/4-6 7/8-6	MTI0500D12 6 ACME	1/2	12.0	4	30.5	89
5	1-5 1 1/8-5 1 1/4-5	MTI 0625E15 5 ACME	5/8	15.9	5	38.1	102

Order example: MTI 0375D10 10ACME MT8