

MTSB MINI SOLID CARBIDE THREAD MILL PROMO

BUY ONLY **2** PIECES OF
MINI SOLID CARBIDE THREAD MILLS
TYPE MTSB
AND YOU WILL GET
45 %
DISCOUNT



MTSB with coolant bore,
more flutes for high performance

Choose between 2 different MTSB Mini Solid Carbide Thread Mills.

When ordering at least 2 pieces (free combinable) you get 45 % discount.

The Promotion is **only** valid for MTSB Mini Solid Carbide Thread Mills.

Supervised by:

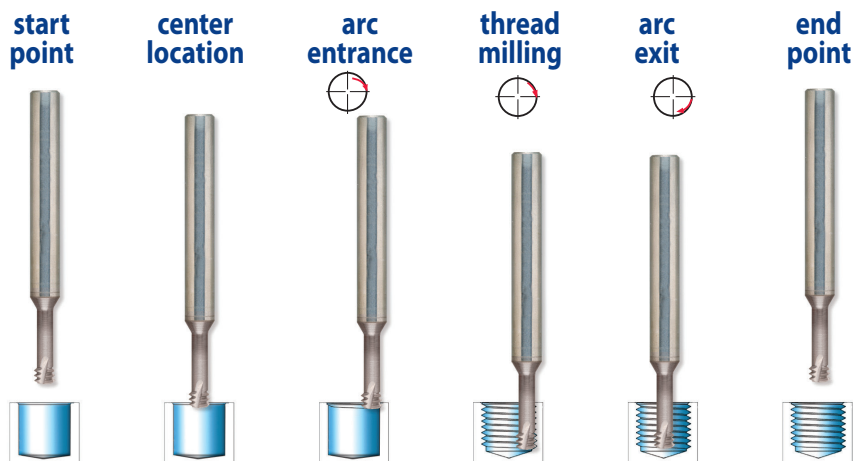
Solid carbide thread mills with internal coolant bore and increased number of flutes for high performance, shorter cycle time and improved tool life.

Advantages

- Enables machining in deep holes.
- Same tool can produce a wide range of threads and pitches.
- Spiral flutes allow smooth cutting action.
- Coolant through the flutes is very effective for deep holes.
- Shorter machining time due to multi (3 to 5) flutes.
- Longer tool life due to special triple coating.

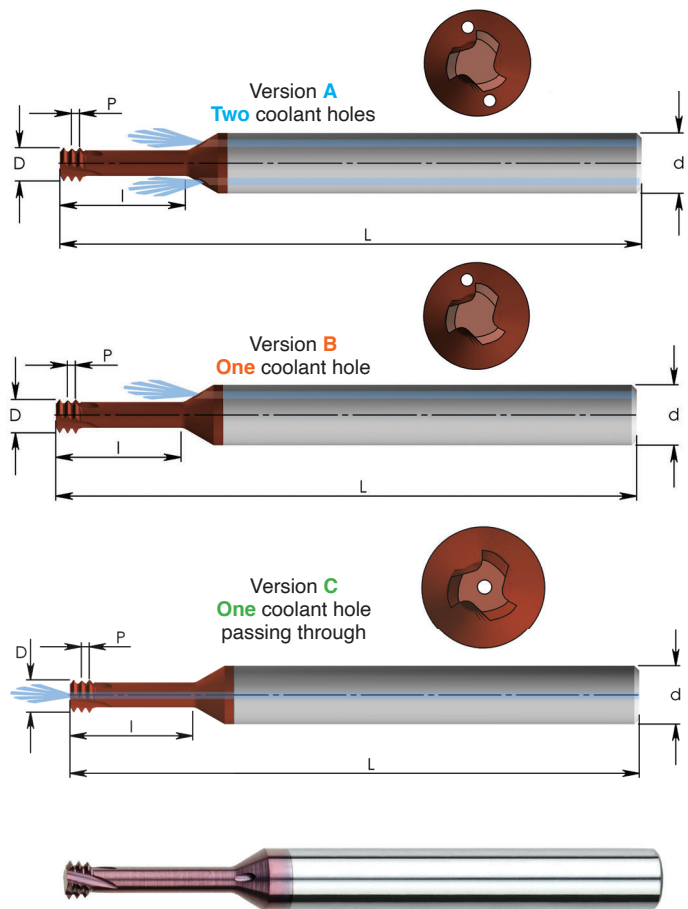
Cutting Data

ISO Standard	Materials	Cutting speed Vc [m/min]	Feed Fz [mm/tooth]					
			Cutting Diameter=D					
			Ø1	Ø1.5	Ø2	Ø3	Ø4	Ø5
P	Low and Medium Carbon Steels < 0.55%C	60-120	0.04	0.05	0.05	0.07	0.09	0.11
	High Carbon Steels ≥ 0.55%C	90 60-	0.03	0.04	0.05	0.06	0.08	0.09
	Alloy Steels, Treated Steels	80 50-	0.03	0.04	0.04	0.05	0.05	0.06
M	Stainless Steel - Free Cutting	70-100	0.02	0.03	0.03	0.04	0.05	0.06
	Stainless Steel - Austenitic	90 60-	0.02	0.03	0.03	0.04	0.05	0.06
	Cast Steels	90 70-	0.03	0.04	0.04	0.05	0.05	0.06
K	Cast Iron	80 40-	0.04	0.05	0.05	0.07	0.09	0.11
N	Aluminum ≤ 12%Si, Copper	100-200	0.04	0.05	0.05	0.07	0.09	0.11
	Aluminum > 12%Si	60-140	0.03	0.03	0.03	0.04	0.05	0.06
	Synthetics, Duroplastics, Thermoplastics	50-200	0.09	0.10	0.11	0.12	0.14	0.16
S	Nickel Alloys, Titanium Alloys	40 20-	0.03	0.03	0.03	0.04	0.04	0.05
H	Hardened Steel, 45-50HRc	70 60-	0.03	0.04	0.04	0.05	0.05	0.06



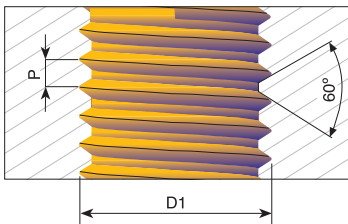
MTSB

With Internal Coolant and Multi Flute



ISO

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	●	●	≤45 HRc

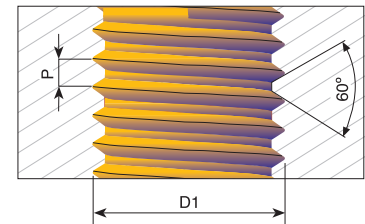
Pitch mm	M Coarse	M Fine	Ordering Code	d	D	No. of Flutes	I	L	Thread Depth	Version
0.25	M1.2	M1.4	MTSB 06009 C2 0.25 ISO	6	0.90	3	2.7	58	2xD1	A
0.3	M1.4		MTSB 06011 C4 0.3 ISO	6	1.05	3	4.5	58	3xD1	A
0.35	M1.6	M2	MTSB 06012 C5 0.35 ISO	6	1.20	3	5.2	58	3xD1	A
0.4	M2		MTSB 06016 C4 0.4 ISO	6	1.55	3	4.4	58	2xD1	A
0.4	M2		MTSB 06016 C6 0.4 ISO	6	1.55	3	6.4	58	3xD1	A
0.45	M2.5		MTSB 0602 D5 0.45 ISO	6	1.95	4	5.5	58	2xD1	A
0.45	M2.5		MTSB 0602 D7 0.45 ISO	6	1.95	4	7.9	58	3xD1	A
0.5	M3		MTSB 06024 D6 0.5 ISO	6	2.40	4	6.5	58	2xD1	A
0.5	M3		MTSB 06024 D9 0.5 ISO	6	2.40	4	9.5	58	3xD1	A
0.6	M3.5		MTSB 06028 D7 0.6 ISO	6	2.80	4	7.6	58	2xD1	A
0.7	M4		MTSB 06032 D8 0.7 ISO	6	3.20	4	8.7	58	2xD1	B
0.7	M4		MTSB 06032 D12 0.7 ISO	6	3.20	4	12.7	58	3xD1	B
0.8	M5		MTSB 06038 D10 0.8 ISO	6	3.80	4	10.8	58	2xD1	B
0.8	M5		MTSB 06038 D15 0.8 ISO	6	3.80	4	15.8	58	3xD1	B
1.0	M6	M8	MTSB 08048 D13 1.0 ISO	8	4.80	4	13.0	64	2xD1	B
1.0	M6	M8	MTSB 08048 D19 1.0 ISO	8	4.80	4	19.0	64	3xD1	B
1.25	M8	M10	MTSB 0606 D25 1.25 ISO	10	6.00	4	25.3	58	3xD1	C
1.5	M10		MTSB 0808 E31 1.5 ISO	8	8.00	5	31.5	64	3xD1	C
1.75	M12		MTSB 10095 E37 1.75 ISO	10	9.50	5	37.8	73	3xD1	C
2.0	M16	M17	MTSB 1212 E50 2.0 ISO	12	12.00	5	50.0	105	3xD1	C

Order example: MTSB 1212 E50 2.0 ISO MT7

● First choice ○ Alternative

UN

Tools for Internal Thread



Grade	P	M	K	N	S	H
MT7	●	●	●	●	●	≤45 HRc

Pitch TPI	UNC	UNF	Ordering Code	d	D	No. of Flutes	I	L	Thread Depth	Version
80		0	MTSB 06012 C4 80 UN	6	1.15	3	4.9	58	3xD1	A
72		1	MTSB 06014 C5 72 UN	6	1.45	3	5.9	58	3xD1	A
56	2	3	MTSB 06016 C4 56 UN	6	1.65	3	4.8	58	2xD1	A
56	2	3	MTSB 06016 C7 56 UN	6	1.65	3	7.0	58	3xD1	A
48	3	4	MTSB 06019 D5 48 UN	6	1.90	4	5.6	58	2xD1	A
40	4		MTSB 06021 D6 40 UN	6	2.10	4	6.3	58	2xD1	A
40	4		MTSB 06021 D9 40 UN	6	2.10	4	9.2	58	3xD1	A
40	4		MTSB 06021 D12 40 UN	6	2.10	4	12.0	58	4xD1	A
40	5	6	MTSB 06024 D7 40 UN	6	2.45	4	7.0	58	2xD1	A
32	6		MTSB 06025 D7 32 UN	6	2.55	4	7.8	58	2xD1	A
32	6		MTSB 06025 D11 32 UN	6	2.55	4	11.3	58	3xD1	A
32	8		MTSB 06032 D9 32 UN	6	3.20	4	9.1	58	2xD1	B
32	8		MTSB 06032 D13 32 UN	6	3.20	4	13.3	58	3xD1	B
32		10	MTSB 06037 D10 32 UN	6	3.70	4	10.5	58	2xD1	B
32		10	MTSB 06037 D15 32 UN	6	3.70	4	15.3	58	3xD1	B
28		1/4	MTSB 06052 D20 28 UN	6	5.20	4	20.0	58	3xD1	C
24	10,12		MTSB 06035 D10 24 UN	6	3.50	4	10.7	58	2xD1	B
24	10,12		MTSB 06035 D15 24 UN	6	3.50	4	15.5	58	3xD1	B
24		5/16, 3/8	MTSB 08066 D24 24 UN	8	6.60	4	24.9	64	3xD1	C
20		7/16, 1/2	MTSB 10092 E34 20 UN	10	9.20	5	34.6	73	3xD1	C

Order example: MTSB 06032 D13 32 UN MT7

G55° BSP

Tools for Internal and External Thread

Grade	P	M	K	N	S	H
MT7	●	●	●	●	●	≤45 HRc

Pitch TPI	Standard	Ordering Code	d	D	No. of Flutes	I	L	Thread depth	Version
28	G1/8	MTSB 0808 E20 28W	8	8.00	5	20.4	64	2xD1	C
19	G1/4-3/8	MTSB 1010 E27 19W	10	10.00	5	27.7	73	2xD1	C
14	G1/2-7/8	MTSB 1212 E43 14W	12	12.00	5	43.7	84	2xD1	C

● First choice ○ Alternative