

DMT 3 in 1 - *Drill, Thread, Chamfer



High Performance tools with internal coolant supply for the production of internal threads.
*Circular movement produces the thread hole, the thread and a chamfer
in one work process.

Carbide grade: MT7 Sub-micron grade with Titanium Aluminium Nitride multi-layer coating (ISO K10-K20).

Advantages DMT

- Cancels the need for drilling the hole.
- Short cycle time and high performance reduces machining costs.
- Suitable for both blind and through holes.
- Full Profile thread.
- No time lost for tool change, since drilling, chamfering and thread milling are done with one tool.
- Same tool for right-hand or left-hand threads.
- Cuts a wide range of materials.

Contents:

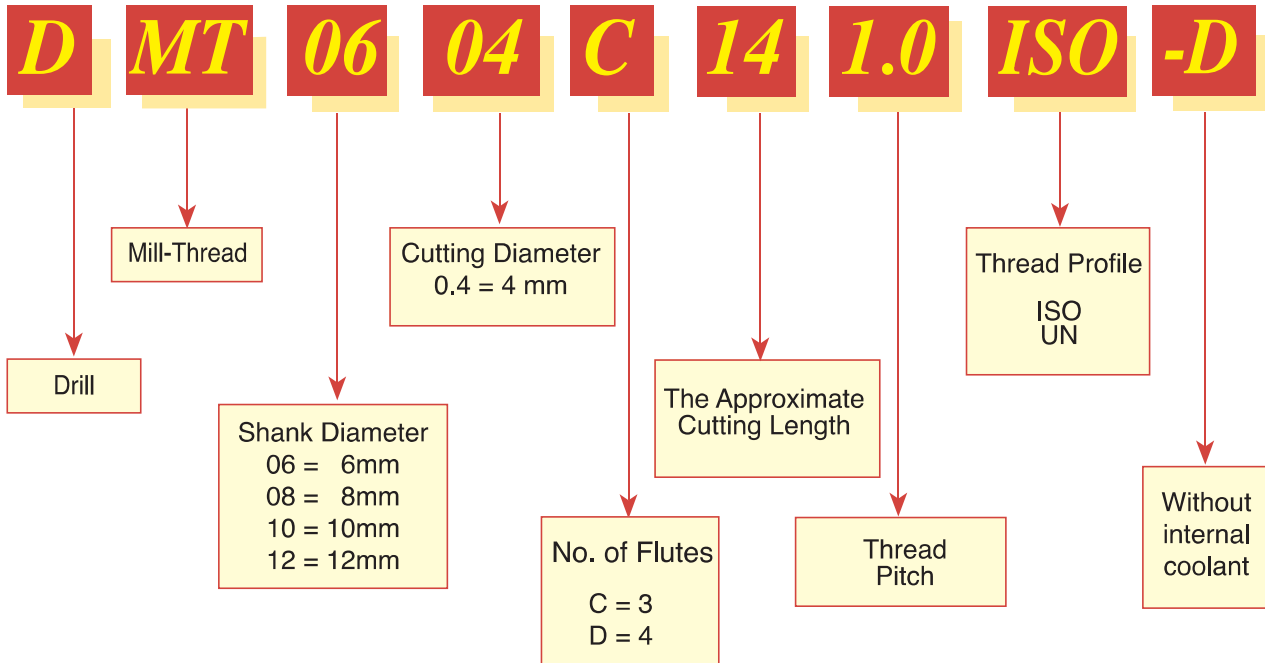
Page:

Product Identification
ISO
UN

134
135
136

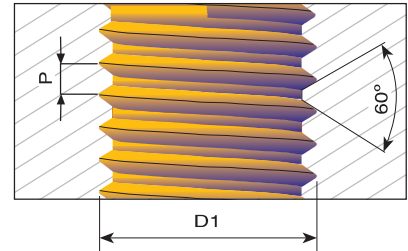
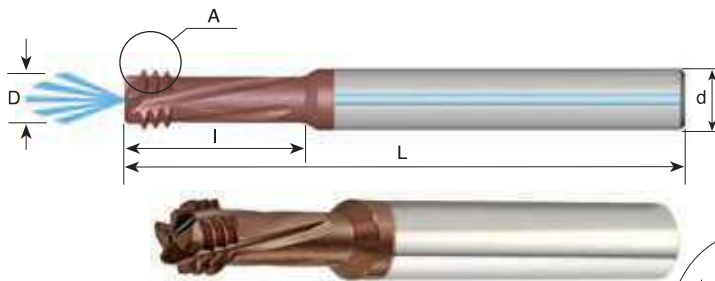
Product Identification

DMT 3 in 1 - *DRILL, THREAD, CHAMFER Ordering Codes



ISO with internal coolant bore

Tools for Internal Thread



Left hand cutting
For CNC code use M04

For thread depth up to 2 x D1

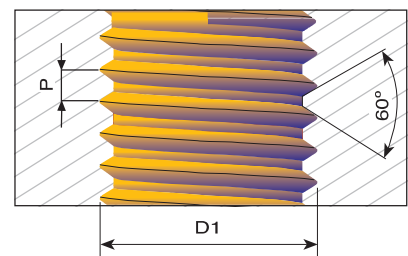
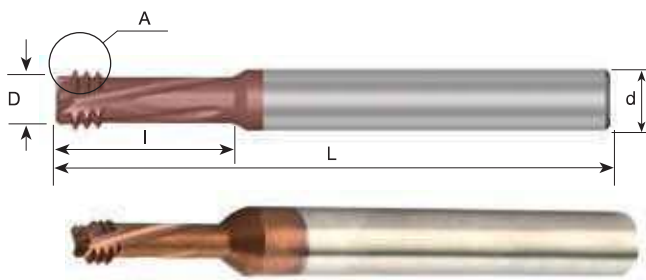
Pitch mm	D1	Ordering Code	d	D	No. of Flutes	I	W	V	L
1.0	M6 - M9	DMT08047C14 1.0 ISO	8	4.70	3	14.0	0.4	1.0	64
1.25	M8 - M12	DMT08061D18 1.25 ISO	8	6.10	4	18.0	0.5	1.25	64
1.5	M10-M15	DMT08078D23 1.5 ISO	8	7.80	4	23.0	0.6	1.5	64
1.75	M12	DMT1009D26 1.75 ISO	10	9.00	4	26.0	0.6	1.75	73
2.0	M16-M23	DMT12118D35 2.0 ISO	12	11.80	4	35.0	0.6	2.0	84

Detail A

Order example: DMT 06032C11 0.7 ISO MT7

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.

ISO without internal coolant



Left hand cutting
For CNC code use M04

For thread depth up to 2.5xD1

Pitch mm	D1	Ordering Code	d	D	No. of Flutes	I	W	V	L
0.7	M4	DMT06032C11 0.7 ISO-D	6	3.15	3	11.6	0.2	0.7	58
0.8	M5	DMT0604C14 0.8 ISO-D	6	4.00	3	14.4	0.3	0.8	58

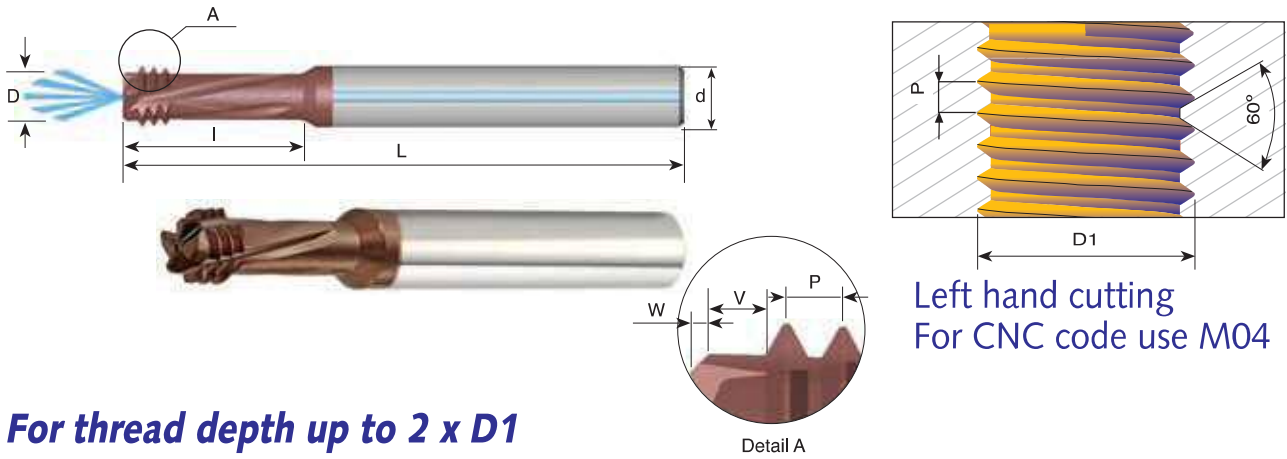
Detail A

Order example: DMT 06032C11 0.7 ISO-D MT7

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.

UN with internal coolant bore

Tools for Internal Thread

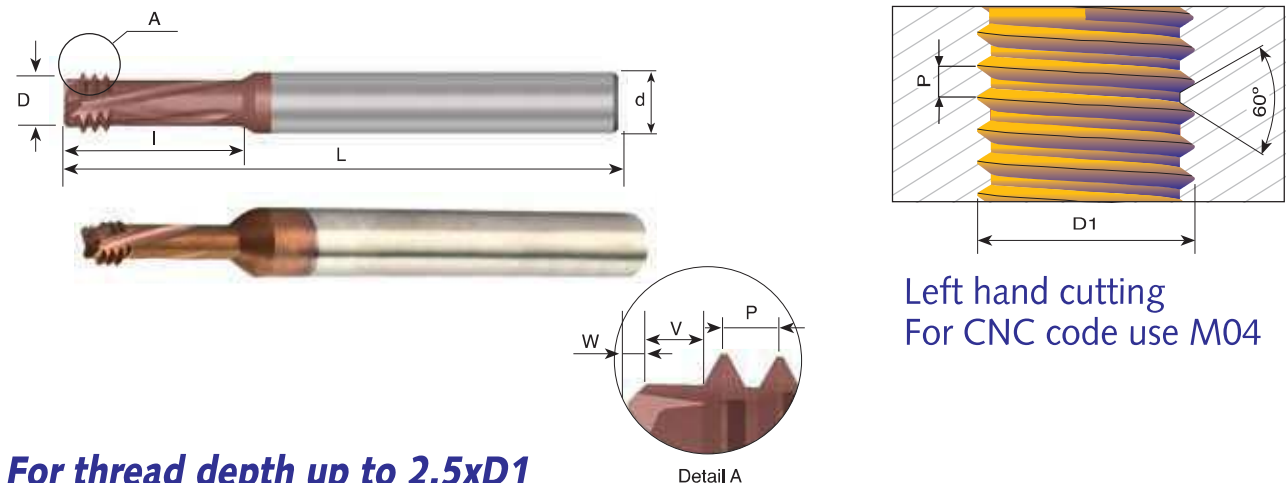


For thread depth up to 2 x D1

Pitch TPI	UN, UNEF, UNF UNC, UNS	Ordering Code	d	D	No. of Flutes	I	W	V	L
28	1/4 - 3/8	DMT0805C14 28 UN	8	5.00	3	14.5	0.4	0.9	64
24	5/16 - 1/2	DMT08065D17 24 UN	8	6.50	4	17.0	0.5	1.05	64
20	1/4 - 3/8	DMT08048C14 20 UN	8	4.80	3	14.0	0.4	1.25	64
18	5/16 - 7/16	DMT0806D17 18 UN	8	6.00	4	17.0	0.5	1.4	64
16	3/8 - 1/2	DMT08067C22 16 UN	8	6.70	3	22.0	0.5	1.6	64

Order example: DMT 08067C 22 16 UN MT7

UN without internal coolant



For thread depth up to 2.5xD1

Pitch TPI	UNC	UNF	Ordering Code	d	D	No. of Flutes	I	W	V	L
36		8	DMT06033C12 36 UN-D	6	3.30	3	12.0	0.2	0.7	58
32	8		DMT06032C12 32 UN-D	6	3.20	3	12.3	0.3	0.8	58
32		10	DMT06038C14 32 UN-D	6	3.80	3	14.0	0.3	0.8	58

Order example: DMT 06032C 12 32 UN-D MT7