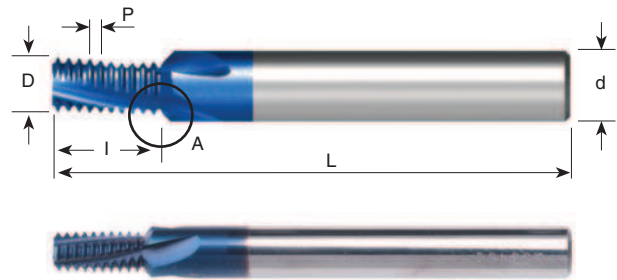
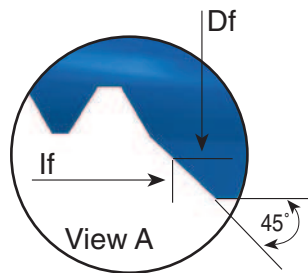


# UN

## Tools for Internal Thread



Pitch TPI	UNC	UNF	UNEF	Ordering Code	d	D	Df	No. of Flutes	I	lf	L
40	5	6		<b>MTH06025C6 40 UN</b>	6	2.5	3.7	3	6.0	6.6	58
32	6			<b>MTH06026C5 32 UN</b>	6	2.6	3.8	3	5.9	6.5	58
32	8			<b>MTH06032C7 32 UN</b>	6	3.2	4.4	3	7.5	8.1	58
32		10	12	<b>MTH06038C9 32 UN</b>	6	3.8	5.0	3	9.1	9.7	58
28		1/4		<b>MTH08052D11 28 UN</b>	8	5.2	6.8	4	11.3	12.1	64
28			7/16, 1/2	<b>MTH12096D20 28 UN</b>	12	9.6	11.2	4	20.4	21.2	84
24		5/16, 3/8	9/16, 5/8, 11/16	<b>MTH08066D14 24 UN</b>	8	6.6	8.0	4	14.3	15.0	64
20	1/4			<b>MTH06048C12 20 UN</b>	6	4.8	6.0	3	12.1	12.7	58
20		7/16, 1/2	3/4, 1	<b>MTH12092D21 20 UN</b>	12	9.2	10.8	4	21.0	21.8	84
18	5/16	9/16, 5/8	11/16	<b>MTH08057C14 18 UN</b>	8	5.7	7.5	3	14.8	15.7	64
16	3/8	3/4		<b>MTH10074C16 16 UN</b>	10	7.4	9.2	3	16.7	17.6	73
14	7/16	7/8		<b>MTH10085D20 14 UN</b>	10	8.5	9.9	4	20.9	21.6	73
13	1/2			<b>MTH12094D22 13 UN</b>	12	9.4	11.4	4	22.5	23.5	84

Order example: MTH 06048C12 20 UN MT9

## MTH type

**MT9** Sub-Micron Grade with advanced PVD triple coating.

ISO Standard	Material	Hardness HRc	Cutting Speed m/min	Feed mm/tooth Cutting Diameter = D								
				Ø2.5	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10
<b>S</b>	Nickel Alloys, Titanium Alloys, High Temperature Alloys		20 - 50	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04
<b>H</b>	Hardened Steels, Cast Iron	45 - 50	70 - 80	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	0.07
		51 - 55	60 - 70	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.05	0.06
		56 - 62	40 - 50	0.005	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.05

For cutters with long cutting length reduce feed rate by 40%

