



Tornado
line



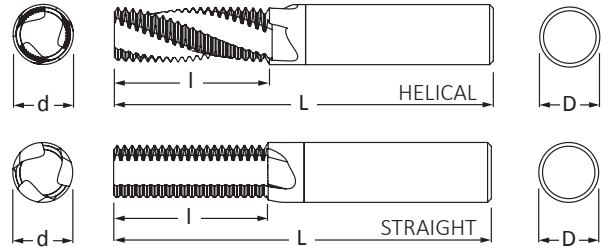
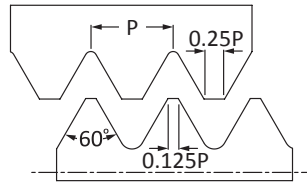
**Solid Carbide
Thread milling**



Middle East

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UNIFIED



UNC UNIFIED COARSE HELICAL FLUTE ●

THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
NO. 12	24	TMRN 06 041 L09 24UNC	4.10	9.00	6.00	62	8	3
1/4"	20	TMRN 06 047 L10 20UNC	4.70	10.20	6.00	58	8	3
5/16"	18	TMRN 06 053 L13 18UNC	5.30	12.70	6.00	58	9	3
3/8"	16	TMRN 08 065 L14 16UNC	6.50	14.30	8.00	64	9	3
7/16"	14	TMRN 08 079 L18 14UNC	7.90	18.10	8.00	64	10	3
1/2"	13	TMRN 10 089 L21 13UNC	8.90	21.40	10.00	73	11	3
9/16"	12	TMRN 10 099 L23 12UNC	9.90	23.30	10.00	73	11	3
5/8"	11	TMRN 12 114 L28 11UNC	11.40	27.80	12.00	84	12	3
3/4"	10	TMRN 16 144 L31 10UNC	14.40	30.50	16.00	100	12	4
7/8"	9	TMRN 16 159 L37 9UNC	15.90	36.70	16.00	100	13	4
1"	8	TMRN 20 192 L38 8UNC	19.20	38.10	20.00	120	12	5

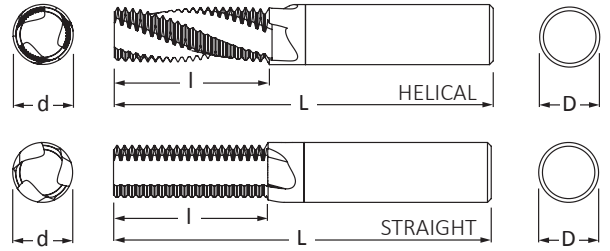
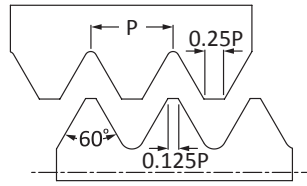
UNF UNIFIED FINE HELICAL & STRAIGHT FLUTE ●

THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
NO. 8	36	TMSN 04 030 L06 36UNF	3.00	6.40	4.00	50	9	2
NO. 10	32	TMRN 04 030 L06 32UNF	3.00	6.40	4.00	50	9	3
NO. 12	28	TMRN 04 036 L08 28UNF	3.60	8.20	4.00	50	9	3
1/4"	28	TMRN 06 045 L10 28UNF	4.50	10.00	6.00	58	11	3
5/16" 3/8"	24	TMRN 06 058 L15 24UNF	5.80	14.80	6.00	58	14	3
7/16" 1/2"	20	TMRN 10 085 L23 20UNF	8.50	22.90	10.00	73	18	3
9/16" 5/8"	18	TMRN 12 113 L25 18UNF	11.30	25.40	12.00	84	18	4
3/4"	16	TMRN 16 156 L37 16UNF	15.60	36.50	16.00	100	23	4
7/8"	14	TMRN 16 159 L40 14UNF	15.90	39.90	16.00	100	22	4
1" 1 1/2"	12	TMRN 16 159 L38 12UNF	15.90	38.10	16.00	100	18	4

UNEF UNIFIED EXTRA FINE HELICAL FLUTE

THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
7/16" 1/2"	28	TMRN 10 090 L24 28UNEF	9.00	23.60	10.00	73	26	3
9/16" 11/16"	24	TMRN 12 117 L30 24UNEF	11.70	29.60	12.00	84	28	4
3/4" 1"	20	TMRN 16 159 L39 20UNEF	15.90	39.40	16.00	100	31	4

ISO METRIC



ISO HELICAL & STRAIGHT FLUTE ●

THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
M3	0.50	TMSN 03 021 L05 0.5ISO	2.10	4.50	3.00	38.00	9	3
M4	0.70	TMSN 03 026 L06 0.7ISO	2.60	6.30	3.00	38.00	9	3
M4.5	0.75	TMRN 04 030 L08 0.75ISO	3.00	7.50	4.00	50.00	10	3
M5	0.80	TMRN 04 034 L08 0.8ISO	3.40	8.00	4.00	50.00	10	3
M6	1.00	TMRN 06 040 L10 1.0ISO	4.00	10.00	6.00	58.00	10	3
M8	1.25	TMRN 06 055 L14 1.25ISO	5.50	13.80	6.00	58.00	11	3
M10	1.50	TMRN 08 071 L17 1.5ISO	7.10	16.50	8.00	64.00	11	3
M12	1.75	TMRN 10 086 L21 1.75ISO	8.60	21.00	10.00	73.00	12	3
M14-M16	2.00	TMRN 10 099 L26 2.0ISO	9.90	26.00	10.00	73.00	13	3
M18-M22	2.50	TMRN 14 134 L35 2.5ISO	13.40	35.00	14.00	84.00	14	4
M24	3.00	TMRN 16 159 L39 3.0ISO	15.90	39.00	16.00	100.00	13	4

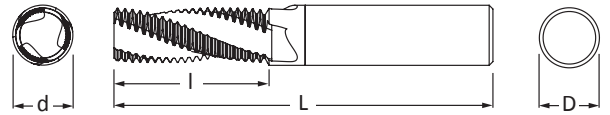
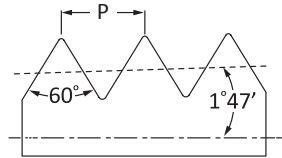
ISO FINE HELICAL FLUTE ●

THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
M6	0.75	TMRN 06 045 L11 0.75ISO	4.50	10.50	6.00	58	14	3
M8	1.00	TMRN 06 059 L14 1.0ISO	5.90	14.00	6.00	58	13	3
M10-M12	1.25	TMRN 08 074 L19 1.25ISO	7.40	18.80	8.00	64	15	3
M14-M16-M18	1.50	TMRN 10 099 L26 1.5ISO	9.90	25.50	10.00	73	17	3
M16-M18	1.50	TMRN 12 119 L29 1.5ISO	11.90	28.50	12.00	84	19	3
M20-M33	2.00	TMRN 16 159 L46 2.0ISO	15.90	46.00	16.00	100	23	4

● THROUGH HOLE COOLANT ALSO AVAILABLE

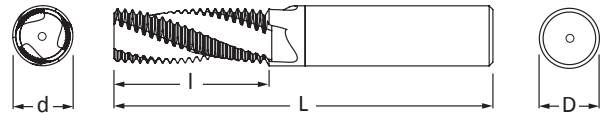
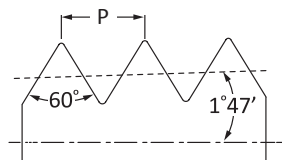
PIPE THREADS

NPT NATIONAL PIPE TAPER HELICAL FLUTE



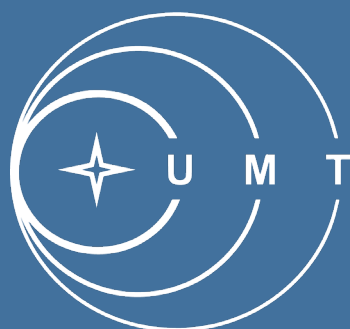
THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
1/16"	27	TMRX 06 053 L09 27NPT	5.30	9.40	6.00	57.00	10	3
1/8"	27	TMRX 08 075 L09 27NPT	7.50	9.40	8.00	63.00	10	4
1/4"	18	TMRX 10 094 L14 18NPT	9.40	14.10	10.00	73.00	10	4
3/8"	18	TMRX 12 119 L14 18NPT	11.90	14.10	12.00	83.00	10	4
1/2" / 3/4"	14	TMRX 16 155 L25 14NPT	15.50	25.40	16.00	92.00	14	5
1" / 2"	11.5	TMRX 20 199 L33 11.5NPT	19.90	33.10	20.00	104.00	15	5
2 1/2" / 3"	8	TMRX 20 199 L38 8NPT	19.90	38.10	20.00	104.00	12	4

NPT NATIONAL PIPE TAPER HELICAL FLUTE THROUGH HOLE COOLANT



THREAD	TPI	DESCRIPTION	THREADMILL DIMENSIONS (mm)					
			d	l	D	L	PITCHES	FLUTES
1/16"	27	TMRX 06 059 L09 27NPT-C	5.90	9.90	6.00	57.00	10	3
1/8"	27	TMRX 08 077 L09 27NPT-C	7.65	9.90	8.00	61.00	10	3
1/4"	18	TMRX 10 099 L14 18NPT-C	9.90	14.80	10.00	73.00	10	3
3/8"	18	TMRX 12 112 L14 18NPT-C	11.15	14.80	12.00	73.00	10	4
1/2" / 3/4"	14	TMRX 16 142 L18 14NPT-C	14.25	19.00	16.00	92.00	10	4
1" / 2"	11.5	TMRX 20 196 L22 11.5NPT-C	19.60	23.20	20.00	102.00	10	4
2 1/2" / 3"	8	TMRX 20 196 L32 8NPT-C	19.60	33.30	20.00	102.00	10	4

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M i d d l e E a s t

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