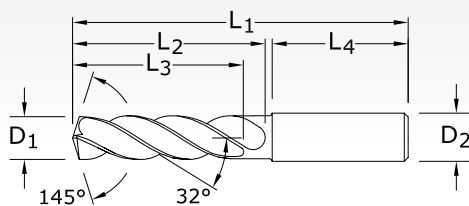




135 3xD

FRACTIONAL & METRIC SERIES

TECH INFO 179-182



STEELS
STAINLESS STEELS
CAST IRON
HIGH TEMP ALLOYS
TITANIUM
HARDENED STEELS

CUTTING DIAMETER	DECIMAL EQUIV.	TAP SIZE REFERENCE ONLY	SHANK DIAMETER	OVERALL LENGTH	FLUTE LENGTH	CLEARED LENGTH	SHANK LENGTH	EDP NO.
D ₁			D ₂	L ₁	L ₂	L ₃	L ₄	
#19	0.1660		1/4	2-5/8	7/8	23/32	1-7/16	51766
4.3mm	0.1693		6,0mm	66,0mm	24,1mm	21,0	36,0mm	63164
#18	0.1695		1/4	2-5/8	7/8	23/32	1-7/16	51767
11/64	0.1719		1/4	2-5/8	7/8	23/32	1-7/16	51336
#17	0.1730		1/4	2-5/8	7/8	23/32	1-7/16	51768
4.4mm	0.1732		6,0mm	66,0mm	20,0mm	21,0	36,0mm	63745
#16	0.1770	12-24	1/4	2-5/8	7/8	23/32	1-7/16	51769
4.5mm	0.1772	M5 X 0,5	6,0mm	66,0mm	24,1mm	21,0	36,0mm	63165
#15	0.1800		1/4	2-5/8	7/8	23/32	1-7/16	51770
4.6mm	0.1811	12-28	6,0mm	66,0mm	24,1mm	21,0	36,0mm	63166
#14	0.1820		1/4	2-5/8	7/8	23/32	1-7/16	51771
#13	0.1850	12-32	1/4	2-5/8	7/8	23/32	1-7/16	51772
4.7mm	0.1850		6,0mm	66,0mm	20,0mm	21,0	36,0mm	63746
3/16	0.1875		1/4	2-5/8	1	53/64	1-7/16	51337
#12	0.1890	7/32-32	1/4	2-5/8	1	53/64	1-7/16	51773
4.8mm	0.1890		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63167
#11	0.1910		1/4	2-5/8	1	53/64	1-7/16	51774
4.9mm	0.1929		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63747
#10	0.1935	14-20	1/4	2-5/8	1	53/64	1-7/16	51775
#09	0.1960		1/4	2-5/8	1	53/64	1-7/16	51776
5mm	0.1969	M6 X 1	6,0mm	66,0mm	28,0mm	24,0	36,0mm	63168
#08	0.1990		1/4	2-5/8	1	53/64	1-7/16	51777
5.1mm	0.2008		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63748
#07	0.2010	1/4-20	1/4	2-5/8	1	53/64	1-7/16	51338
13/64	0.2031		1/4	2-5/8	1	53/64	1-7/16	51339
#06	0.2040		1/4	2-5/8	1	53/64	1-7/16	51778
5.2mm	0.2047	M6 X 0,75	6,0mm	66,0mm	28,0mm	24,0	36,0mm	63749
#05	0.2055		1/4	2-5/8	1	53/64	1-7/16	51779
5.25mm	0.2067		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63169
5.3mm	0.2087		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63170
#04	0.2090	1/4-24	1/4	2-5/8	1	53/64	1-7/16	51780
5.4mm	0.2126		6,0mm	66,0mm	28,0mm	24,0	36,0	63750
#03	0.2130	1/4-28	1/4	2-5/8	1	53/64	1-7/16	51340
5.5mm	0.2165	M6 X 0,5	6,0mm	66,0mm	28,0mm	24,0	36,0mm	63171
7/32	0.2188	1/4-32	1/4	2-5/8	1	53/64	1-7/16	51341
5.6mm	0.2205		6,0mm	66,0mm	28,0mm	24,0	36,0	63751
#02	0.2210		1/4	2-5/8	1	53/64	1-7/16	51781
5.7mm	0.2244		6,0mm	66,0mm	28,0mm	24,0	36,0	63752
#01	0.2280		1/4	2-5/8	1	53/64	1-7/16	51782
5.8mm	0.2283		6,0mm	66,0mm	28,0mm	24,0	36,0mm	63172
5.9mm	0.2323		6,0mm	66,0mm	28,0mm	24,0	36,0	63753
A	0.2340		1/4	2-5/8	1	53/64	1-7/16	51601
15/64	0.2344		1/4	2-5/8	1	53/64	1-7/16	51342
6mm	0.2362	M7 X 1	6,0mm	66,0mm	28,0mm	24,0	36,0mm	63173

continued on next page

TOLERANCES (inch)

≤.1181 DIAMETER

D₁ = +.00008/+0.00047D₂ = h₆

>.1181-.2362 DIAMETER

D₁ = +.00016/+0.00063D₂ = h₆

>.2362-.3937 DIAMETER

D₁ = +.00024/+0.00083D₂ = h₆

>.3937-.7087 DIAMETER

D₁ = +.00028/+0.00098D₂ = h₆

>.7087-1.1811 DIAMETER

D₁ = +.00031/+0.00114D₂ = h₆

TOLERANCES (mm)

≤3 DIAMETER

D₁ = +0,002/+0,012D₂ = h₆

>3-6 DIAMETER

D₁ = +0,004/+0,016D₂ = h₆

>6-10 DIAMETER

D₁ = +0,006/+0,021D₂ = h₆

>10-18 DIAMETER

D₁ = +0,007/+0,025D₂ = h₆

>18-30 DIAMETER

D₁ = +0,008/+0,029D₂ = h₆