



HSS END MILL

HSS STRAIGHT SHANK TWIST DRILL

HSS TAPER SHANK TWIST DRILL

HSS TAPS

HSS END MILL

OTHER GENERAL TOOLS

CARBIDE TIP DRILLS

HSS DRILL BLANKS

DRILL SET



ANSI--3 Flutes End mill as Center Cutting & Single End Long Length

Size. mm		Shank Dia. d1	Flute Length L1	Overall Length L	Flutes
INCH	MM				
1/8	3.175	3/8	3/8"	2-5/16"	3
3/16	4.763	3/8	1/2"	2-3/8"	3
1/4	6.350	3/8	5/8"	2-7/16"	3
5/16	7.938	3/8	3/4"	2-1/2"	3
3/8	9.525	3/8	3/4"	2-1/2"	3
7/16	11.113	3/8	1"	2-11/16"	3
1/2	12.700	3/8	1"	2-11/16"	3
1/2	12.700	1/2	1-1/4"	3-1/4"	3
9/16	14.288	1/2	1-3/8"	3-3/8"	3
5/8	15.875	1/2	1-3/8"	3-3/8"	3
3/4	19.050	1/2	1-5/8"	3-5/8"	3
5/8	15.875	5/8	1-5/8"	3-3/4"	3
3/4	19.050	5/8	1-5/8"	3-3/4"	3
7/8	22.225	5/8	1-7/8"	4"	3
1	25.400	5/8	1-7/8"	4"	3
3/4	19.050	3/4	1-5/8"	3-7/8"	3
7/8	22.225	3/4	1-7/8"	4-1/8"	3
1	25.400	3/4	1-7/8"	4-1/8"	3
1	25.400	7/8	1-7/8"	4-1/8"	3
1	25.400	1	2"	4-1/2"	3



Taper Shank End Mill Short Length Series

Size. Mm	Flute Length	Overall Length	MT NO.
d	L1	L	1#MT
6.0	13	83	1#MT
8.0	19	89	1#MT
10.0	22	92	1#MT
12.0	26	96	1#MT
16.0	32	117	2#MT
20.0	38	123	2#MT
25.0	45	147	3#MT
32.0	53	155	3#MT
40.0	63	188	4#MT
50.0	75	200	5#MT
63.0	90	248	5#MT



ANSI--3 Flutes End Mill as Center Cutting & Single End Long Length

Size. mm		Shank Dia. d1	Flute Length L1	Overall Length L	Flutes
INCH	MM				
1/4	6.350	3/8	1-1/4"	3-1/16"	3
5/16	7.938	3/8	1-3/8"	3-1/8"	3
3/8	9.525	3/8	1-1/2"	3-1/4"	3
7/16	11.113	1/2	1-3/4"	3-3/4"	3
1/2	12.700	1/2	2"	4"	3
5/8	15.875	5/8	2-1/2"	4-5/8"	3
3/4	19.050	3/4	3"	5-1/4"	3
1	25.400	1	4"	6-1/2"	3



Taper Shank End Mill Long Length Series

Size. Mm	Flute Length	Overall Length	MT NO.
d	L1	L	1#MT
6.0	24	94	1#MT
8.0	38	108	1#MT
10.0	45	115	1#MT
12.0	53	123	1#MT
16.0	63	148	2#MT
20.0	75	160	2#MT
25.0	90	192	3#MT
32.0	106	208	3#MT
40.0	125	250	4#MT
50.0	150	275	5#MT
63.0	180	338	5#MT