

HSS Endmill Cutter (M2 / M42)

2/4/6 Fluted Flat and Ball Nose



M-2
Tin
Coated



M-42
Endmill



HSS-E
Roughing
Endmill

Dimension in (mm)

DIA	SHANK DIA	CUT- TING LENGTH	TOTAL LENGTH
2	4	7	52
2.5	4	7	52
3	4	8	52
4	4	8	52
5	5	13	57
6	6	13	57
7	8	19	63
8	8	19	63
9	10	22	72
10	10	22	72
11	12	26	83
12	12	26	83
13	12	26	83
14	12	26	83
15	12	26	83
16	16	32	92
17	16	32	92
18	16	32	92
19	16	32	92
20	20	38	104
21	20	38	104
22	20	38	104
23	20	38	104
24	20	45	121
25	25	45	121

Available in Long and Extra Long Series

Dimension in (inch)

DIA	SHANK DIA	CUT- TING LENGTH	TOTAL LENGTH
1/8"	1/4"	5/16"	2"
5/32"	1/4"	3/8"	2"
3/16"	1/4"	1/2"	2.1/4"
7/32"	1/4"	1/2"	2.1/4"
1/4"	1/4"	1/2"	2.1/4"
5/16"	3/8"	3/4"	2.1/2"
7/16"	1/2"	1"	3.1/4"
1/2"	1/2"	1"	3.1/4"
5/8"	5/8"	1.1/4"	3.1/4"
3/4"	5/8"	1.1/2"	3.1/2"
1"	3/4"	1.3/4"	3.3/4"

HSS Centre Drill (M2 / M35)



Dimension in (inch)

SIZE	PILOT DIA	BODY DIA	STANDARD LENGTH	Long Series	EXTRA LONG SERIES
BS-1	3/64"	1/8"	1.1/2"	100MM	
BS-2	1/16"	3/16"	1.3/4"	100MM	
BS-3	3/32"	1/4"	2"	100MM	
BS-4	1/8"	5/16"	2.1/4"	100MM	150MM
BS-5	3/16"	7/16"	2.1/2"	100MM	150MM
BS-6	1/4"	5/8"	3"	100MM	150MM
BS-7	5/16"	3/4"	3.1/2"	100MM	150MM

Dimension in (mm)

SIZE	PILOT DIA	BODY DIA	STANDARD LENGTH	Long Series	EXTRA LONG SERIES
2X5	2	5.0	42	100MM	
2.5X6.3	2.5	6.3	47	100MM	
3.15X8	3.15	8.0	52	100MM	
4X10	4	10.0	59	100MM	150MM
5X12.5	5	13.0	66	100MM	150MM
6.3X16	6	16.0	74		
8X20	8	20.0	83		
10X25	10	25.0	103		

Counter Sink (3 Fluted) 90° Straight Shank



DIA	SHANK DIA	TOTAL LENGTH
8	6	50
10	6	50
12	8	56
16	10	60
20	10	65
25	10	70
31	12	70
40	12	90

HSS Single Fluted Endmill: M-42 Cobalt

Dimension in (inch)

DIA	FLUTE	TOTAL LENGTH	SHANK
4	20	80	8
5	20	80	8
5	20	100	8
6	20	80	8
6	20	64	6
6	20	100	8
8	20	80	8
8	20	100	8
10	25	76	10
10	30	100	10

Shank Type Radius Cutter



RADIUS	DIA	SHANK DIA	TOTAL LENGTH
R-2	10	10	60
R-3	12	12	60
R-4	14	12	65
R-5	16	12	65
R-6	20	16	70
R-8	24	20	80
R-10	28	25	85

Hss Counter Bore (Parallel Shank)



SIZE	PILOT DIA	CUTTER DIA	SHANK DIA	Length
3 MM	3.2	6	5	42
4 MM	3.0	4	4	60
5 MM	5.2	9	6	50
6 MM	6.2	11	10	60
8 MM	8.2	14	10	65
10 MM	10.3	17	12	75
12 MM	12.3	20	12	80