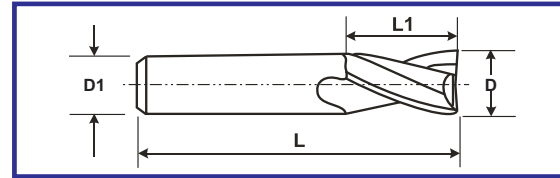
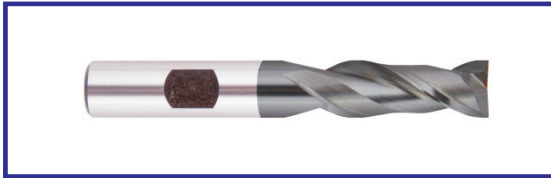


HSS Endmills 2 Flute Centre Cutting (Short Series) DIN-327 BS-122



Metric Sizes As Per IS - 6352 - 1991			
Cutting Diameter	Shank Diameter	Cutting Length	Overall Length
D mm	D1 mm	L1 mm	L mm
3	6	5	49
4	6	7	51
5	6	8	52
6	6	8	52
8	10	11	61
10	10	13	63
12	12	16	73
14	12	16	73
16	16	19	79
18	16	19	79
20	20	22	88
22	20	22	88
24	25	26	102
25	25	26	102
26	25	26	102
28	25	26	102
30	25	26	102
32	32	32	112
34	32	32	112
35	32	32	112
36	32	32	112
38	40	38	130
40	40	38	130
42	40	38	130
44	40	38	130
45	40	38	130
50	50	45	147

Intermediate sizes are available on request

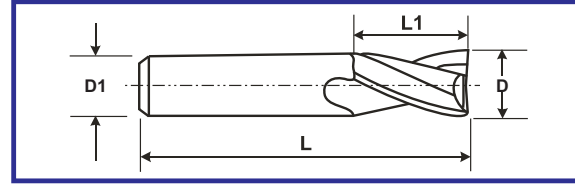
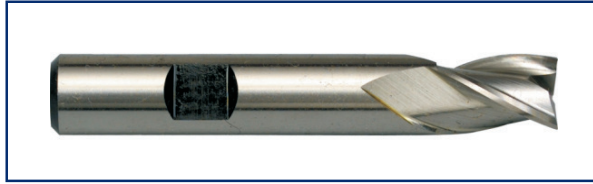
Miranda 2 Flute Endmills are made from M2 and M42 Grades of HSS.

Miranda 2 Flute Endmills are manufactured with ground flute upto 12.00mm and with milled flute above 12.00mm.

Packing:
Square Plastic Tube

Description	Standard
Helix Angle	30° Right Hand Helix/Right Hand Cut
Holding	Plain Shank / Flatted Shank / Threaded Shank
End Geometry	Range Square 3.00mm to 50.00mm Corner Radius 3.00mm to 50.00mm
Applications	1) HSS Endmills are used for Milling keyways and slots to size in one cut. 2) Designed for plunging operations. 3) HSS Co.8 Endmills are used for high tensile strength steels and other difficult to machine materials. 4) In certain applications, increased speed & feed rates can be achieved by different types of coating.

HSS PARALLEL SHANK SLOT DRILLS (STANDARD SERIES) BS : 122 (PART -I) 1953

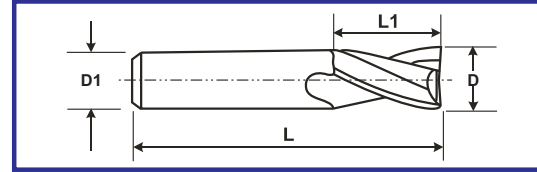
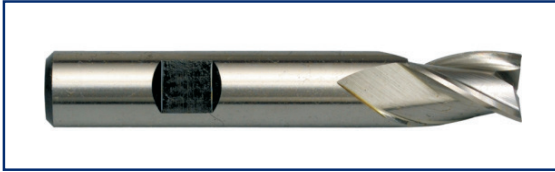


Cutting Diameter D mm	SHANK Diameter D1	FL MM (L1)	OAL MM (L)
1/8	1/8	3/8	1.7/8
5/32	5/32	3/8	1.7/8
3/16	3/16	1/2	2
7/32	7/32	1/2	2
1/4	1/4	5/8	2.1/8
9/32	9/32	3/4	2.1/2
5/16	5/16	3/4	2.1/2
3/8	3/8	7/8	2.5/8
7/16	7/16	7/8	2.5/8
1/2	1/2	1	2.3/4
9/16	9/16	1.1/8	2.7/8
5/8	5/8	1.1/4	3.1/4
11/16	11/16	1.3/8	3.3/8
3/4	3/4	1.1/2	3.1/2
13/16	13/16	1.5/8	3.5/8
7/8	7/8	1.5/8	3.5/8
1	1	1.3/4	3.3/4
1.1/8	1.1/8	1.7/8	4.1/8
1.1/4	1.1/4	2	4.1/4
1.3/8	1.3/8	2.1/8	4.5/8
1.1/2	1.1/2	2.1/4	4.3/4
1.5/8	1.5/8	2.3/8	4.7/8
1.3/4	1.3/4	2.1/2	5.1/8
1.7/8	1.7/8	2.5/8	5.1/4

Description	Standard
Helix Angle	30° Right Hand Helix/Right Hand Cut
Holding	Plain Shank / Flatted Shank / Threaded Shank
End Geometry	Range Square 3.00mm to 50.00mm Corner Radius 3.00mm to 50.00mm
Applications	1) HSS Endmills are used for Milling keyways and slots to size in one cut. 2) Designed for plunging operations. 3) HSS Co.8 Endmills are used for high tensile strength steels and other difficult to machine materials. 4) In certain applications, increased speed & feed rates can be achieved by different types of coating.

Miranda 2 Flute Endmills are made from M2 and M42 Grades of HSS.

Miranda 2 Flute Endmills are manufactured with ground flute upto 12.00mm and with milled flute above 12.00mm.

HSS PARALLEL SHANK SLOT DRILLS (STANDARD SERIES) IS 6352 - 1991
DIN - 844
BS - 122


Cutting Diameter D mm	SHANK Diameter D1	FL MM (L1)	OAL MM (L)
3	3	8	40
4	4	11	43
5	5	13	47
6	6	13	57
7	7	16	60
8	8	19	63
9	9	19	69
10	10	22	72
11	11	22	79
12	12	26	83
14	14	26	83
15	15	26	83
16	16	32	92
18	18	32	92
20	20	38	104
21	21	38	104
22	22	38	104
23	23	38	104
24	24	45	121

Cutting Diameter D mm	SHANK Diameter D1	FL MM (L1)	OAL MM (L)
25	25	45	121
26	26	45	121
30	30	45	121
32	32	53	133
34	34	53	133
35	35	53	133
36	36	53	133
38	38	63	155
40	40	63	155
41	41	63	155
42	42	63	155
43	43	63	155
44	44	63	155
45	45	63	155
46	46	63	155
47	47	63	155
48	48	75	177
49	49	75	177
50	50	75	177

No. of flutes : 2
 Cutting Dia Tol. : e8
 Helix Angle : 30° Right Hand / RH CUT
 Holding : Plain Shank
 (Flatted / Weldon Shank / Threaded Shank available on request.)

Description	Standard
Helix Angle	30° Right Hand Helix/Right Hand Cut
Holding	Plain Shank / Flatted Shank / Threaded Shank
End Geometry	Range Square 3.00mm to 50.00mm Corner Radius 3.00mm to 50.00mm
Applications	1) HSS Endmills are used for Milling keyways and slots to size in one cut. 2) Designed for plunging operations. 3) HSS Co.8 Endmills are used for high tensile strength steels and other difficult to machine materials. 4) In certain applications, increased speed & feed rates can be achieved by different types of coating.