

End mills



E1105 HSS End Mills 2 flutes DIN327 with round Shank fully ground,with flat head



E1106 HSS End Mills 2 flutes DIN 327 with round shank, fully ground, with ball head

Size(mm)	Shank Dia.	Total Length	Flute Length
2	2	48	4
3	3	48	4
4	4	51	7
5	5	52	8
6	6	52	8
7	7	60	10
8	8	61	11
9	9	61	11
10	10	63	13
11	11	63	13
12	12	73	16
14	14	73	16
16	16	79	19
18	18	79	19
20	20	88	22
22	20	88	22
24	24	102	26
25	25	102	26



E1110 HSS End Mills 4 flutes DIN 844 with round or flat shank fully ground, flat head



E1111 HSS End Mills 4 flutes DIN 844 with round or flat shank fully ground, ball head

Size(mm)	Shank Dia.	Total Length	Flute Length
2	6	51	7
3	6	52	8
4	6	55	11
5	6	57	13
6	6	57	13
7	10	66	16
8	10	69	19
9	10	69	19
10	10	72	22
11	12	79	22
12	12	83	26
13	12	83	26
14	12	83	26
15	12	83	26
16	16	92	32
17	16	92	32
18	16	92	32
19	16	92	32
20	20	104	38
21	20	104	38
22	20	104	38
23	20	104	38
24	25	121	45
25	25	121	45
26	25	121	45
27	25	121	45
28	25	121	45
29	25	121	45
30	25	121	45
32	32	133	53
36	32	133	53
40	40	155	63
45	40	155	63
50	50	177	75



E1120 Solid Carbide End Mills DIN 844, 4 flutes

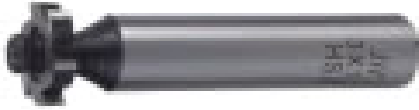
E1121 Solid Carbide End Mills DIN 844, 2 flutes

Size(mm)	Shank Dia.	Total Length	Flute Length
2	6	51	7
3	6	52	8
4	6	55	11
5	6	57	13
6	6	57	13
7	10	66	16
8	10	69	19
9	10	69	19
10	10	72	22
11	12	79	22
12	12	83	26
13	12	83	26
14	12	83	26
15	12	83	26
16	16	92	32
17	16	92	32
18	16	92	32
19	16	92	32
20	20	104	38
21	20	104	38
22	20	104	38
23	20	104	38
24	25	121	45
25	25	121	45
26	25	121	45
27	25	121	45
28	25	121	45
29	25	121	45
30	25	121	45
32	32	133	53
36	32	133	53
40	40	155	63
45	40	155	63
50	50	177	75



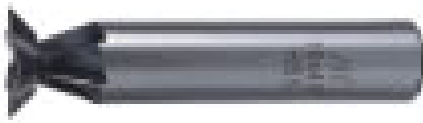
E1130 HSS-E Woodruff Cutters DIN 850 with Round or flat Shank

Head Dia.	Total Length	Head Thickness	Shank Dia.	Flutes
mm	mm	mm	mm	
10.5	50	2	6	8
10.5	50	2.5	6	8
10.5	50	3	6	8
13.5	56	2	10	8
13.5	56	2.5	10	8
13.5	56	3	10	8
13.5	56	4	10	8
16.5	56	2	10	8
16.5	56	2.5	10	8
16.5	56	3	10	8
16.5	56	4	10	8
16.5	56	5	10	8
19.5	63	3	10	8
19.5	63	4	10	10
19.5	63	5	10	10
22.5	63	4	10	10
22.5	63	5	10	10
22.5	63	6	10	10
25.5	63	5	10	10
25.5	63	6	10	10
25.5	63	7	10	10
25.5	63	8	10	10
28.5	63	5	12	10
28.5	63	6	12	10
28.5	63	8	12	10
32.5	71	6	12	12
32.5	71	8	12	12
32.5	71	10	12	12
38.5	71	8	12	12
38.5	71	10	12	12



E1135 HSS-E T-Slot Cutters DIN 851 with thread or round Shank

Head Dia.	Total Length	Head Thickness	Shank Dia.	Flutes
mm	mm	mm	mm	
12.5	57	6	10	6
16	62	8	10	6
18	70	8	12	6
21	74	9	12	6
25	82	11	16	8
28	75	12	16	8
32	90	14	16	8
36	95	16	25	10
40	108	18	25	10



E1140 HSS-E Dovetail Cutters DIN 1833A with thread or round Shank



E1145 HSS-E Inverted Dovetail Cutters DIN 1833B with Round Shank
Angle 45 Degree

Head Dia.	Total Length	Head Thickness	Shank Dia.	Flutes
mm	mm	mm	mm	
16	60	4	12	6
20	63	5	12	8
25	67	6.3	12	10
32	71	10	16	14
40	71	10	16	14

Angle 60 Degree

Head Dia.	Total Length	Head Thickness	Shank Dia.	Flutes
mm	mm	mm	mm	
16	60	6.3	12	6
20	63	8	12	8
25	67	10	12	10
32	71	12.5	16	14
40	71	16	16	14