

**Tapered shank-type cutters for cast iron and steel**

for use in the patternmaking shop, face cutting, 30° spiral-fluted cutter

Material: HSS-EM 42 (8% Co.)

**1) with straight shank, No. 2120**

up to item 14 with 4 cutting edges, all other cutters with 5 edges



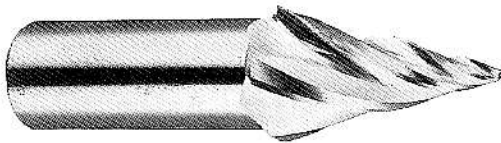
Item	Item No.	Shank dia. h 8 mm	Angle	Sm. dia. (face dia.) mm	Max. dia. mm	Cutting length mm	Total length mm
1	737.301	8	0°	8,0	8,0	30	80
2	737.302	8	30'	7,5	8,0	30	80
3	737.303	8	1°	7,0	8,0	30	80
4	737.304	8	1° 30'	6,43	8,0	30	80
5	737.305	8	2°	5,9	8,0	30	80
6	737.306	8	3°	4,9	8,0	30	80
7	737.307	8	5°	5,9	11,0	30	80
8	737.308	10	0°	10,0	10,0	40	90
9	737.309	10	30'	9,3	10,0	40	90
10	737.310	10	1°	8,6	10,0	40	90
11	737.311	10	1° 30'	7,9	10,0	40	90
12	737.312	10	2°	7,2	10,0	40	90
13	737.313	10	3°	5,8	10,0	40	90
14	737.314	10	5°	6,0	13,0	40	90
15	737.315	14	0°	14,0	14,0	50	105
16	737.316	14	30'	13,1	14,0	50	105
17	737.317	14	1°	12,3	14,0	50	105
18	737.318	14	1° 30'	11,38	14,0	50	105
19	737.319	14	2°	10,5	14,0	50	105
20	737.320	14	3°	8,8	14,0	50	105
21	737.321	14	5°	9,0	17,6	50	105

Other sizes upon request!

**We also supply cutters with different angles of taper:**

**2,5; 6; 7; 8; 10; 12; 15; 20; 25; 30; 45 degrees** in different diameters (also solid hard-metal cutters – see page 68, Item 739)

**Please ask for special catalogue 'Tapered die-sinking cutters'!**



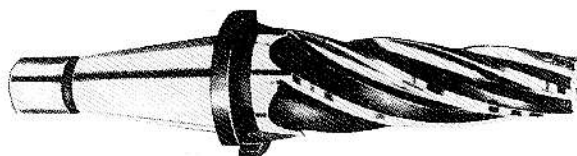
**2) with Morse-taper and thread, No. 2130**

5 cutting edges



Item	Item No.	MK shank/thread	Angle	Sm. dia. (face dia.) mm	Max. dia. mm	Cutting length mm	Total length mm
1	737.401	2/M10	0°	18,0	18,0	65	144
2	737.402	2/M10	30'	16,9	18,0	65	144
3	737.403	2/M10	1°	15,7	18,0	65	144
4	737.404	2/M10	1° 30'	14,6	18,0	65	144
5	737.405	2/M10	2°	13,5	18,0	65	144
6	737.406	2/M10	3°	12,3	19,0	65	144
7	737.407	2/M10	5°	13,6	25,0	65	144
8	737.408	3/M12	0°	24,0	24,0	90	191
9	737.409	3/M12	30'	22,4	24,0	90	191
10	737.410	3/M12	1°	20,9	24,0	90	191
11	737.411	3/M12	1° 30'	19,29	24,0	90	191
12	737.412	3/M12	2°	17,7	24,0	90	191
13	737.413	3/M12	3°	14,6	24,0	90	191
14	737.414	3/M12	5°	16,6	32,0	90	191
15	737.415	4/M16	0°	35,0	35,0	120	277
16	737.416	4/M16	30'	32,4	35,0	120	277
17	737.417	4/M16	1°	31,0	35,2	120	277
18	737.418	4/M16	1° 30'	29,22	35,5	120	277
19	737.419	4/M16	2°	27,1	35,5	120	277
20	737.420	4/M16	3°	23,1	35,7	120	277
21	737.421	4/M16	5°	24,7	45,7	120	277

**3) with steep-angle taper and thread 5 cutting edges, No. 2140**



Item	Item No.	ISO shank/thread	Angle	Sm. dia. (face dia.) mm	Max. dia. mm	Cutting length mm	Total length mm
8	737.508	40/M16	0°	35,0	35,0	120	245
9	737.509	40/M16	30'	32,4	35,0	120	245
10	737.510	40/M16	1°	31,0	35,2	120	245
11	737.511	40/M16	1° 30'	29,22	35,5	120	245
12	737.512	40/M16	2°	27,1	35,5	120	245
13	737.513	40/M16	3°	23,1	35,7	120	245
14	737.514	40/M16	5°	24,7	44,2	120	245

We also sharpen cutters!