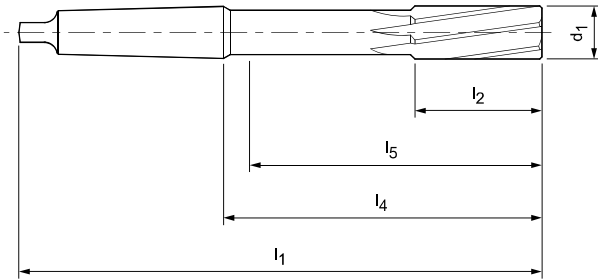


# Machine reamer I 030111

Preferred series, with Morse taper shank

**Design:**

Diameter: 3,00-50,00 mm  
 Cutting direction: Right-hand cutting  
 Cutting material: HSS-E, uncoated  
 Flute direction: Spiral fluted



Dimensions						z	Order No.
d <sub>1</sub> H7	MK	l <sub>1</sub>	l <sub>2</sub>	l <sub>4</sub>	l <sub>5</sub>		
3,00	1	113	15	47,5	42	6	30102748
4,00	1	124	19	58,5	53	6	30102750
5,00	1	133	23	67,5	58	6	30102752
6,00	1	138	26	72,5	64	6	30102754
7,00	1	150	31	84,5	76	6	30102756
8,00	1	156	33	90,5	83	6	30102758
9,00	1	162	36	96,5	90	6	30102760
10,00	1	168	38	102,5	96	6	30102762
11,00	1	175	41	109,5	105	6	30102764
12,00	1	182	44	116,5	112	6	30102766
13,00	1	182	44	116,5	112	6	30102768
14,00	1	189	47	123,5	119	8	30102770
15,00	2	204	50	124	117	8	30102772
16,00	2	210	52	130	124	8	30102774
17,00	2	214	54	134	129	8	30102776
18,00	2	219	56	139	134	8	30102778
19,00	2	223	58	143	138	8	30102780
20,00	2	228	60	148	143	8	30102782
21,00	2	232	62	152	147	8	30102784
22,00	2	237	64	157	152	8	30102786
23,00	2	241	66	161	156	8	30102788
24,00	3	268	68	169	164	8	30102790
25,00	3	268	68	169	164	8	30102792
26,00	3	273	70	174	169	8	30102794
27,00	3	277	71	178	173	10	30102796
28,00	3	277	71	178	173	10	30102798
29,00	3	281	73	182	177	10	30102800
30,00	3	281	73	182	177	10	30102802
31,00	3	285	75	186	181	10	30102804
32,00	4	317	77	193	188	10	30102806
33,00	4	317	77	193	188	10	30102808
34,00	4	321	78	197	191	10	30102810
35,00	4	321	78	197	191	10	30102812
36,00	4	325	79	201	195	10	30102814
37,00	4	325	79	201	195	10	30102816
38,00	4	329	81	205	199	10	30102818
40,00	4	329	81	205	199	10	30102820
42,00	4	333	82	209	204	12	30102822

**Machine reamer I 030111, preferred series in accordance to DIN 208, Form B**

Dimensions						z	Order No.
d <sub>1</sub> H7	MK	l <sub>1</sub>	l <sub>2</sub>	l <sub>4</sub>	l <sub>5</sub>		
44,00	4	336	83	212	206	12	30102824
45,00	4	336	83	212	206	12	30102826
46,00	4	340	84	216	210	12	30102828
47,00	4	340	84	216	210	12	30102830
48,00	4	344	86	220	214	12	30102832
50,00	4	344	86	220	214	12	30102834

Dimensions in mm.

Cutting data see page 367 ff.

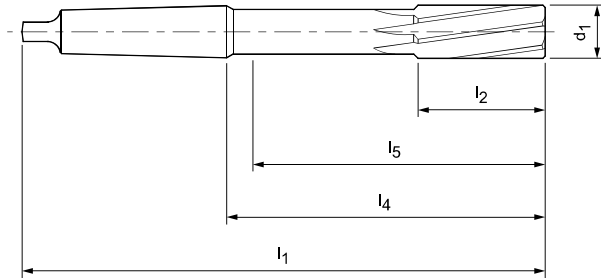
Information on special designs and other coatings on request.

# Machine reamer I 030111

Configurable series

**Design:**

Diameter: 2,810-50,100 mm  
 Cutting direction: Right-hand cutting  
 Cutting material: HSS-E, uncoated  
 Flute direction: Spiral fluted



Dimensions						z
d <sub>1</sub>	MK	l <sub>1</sub>	l <sub>2</sub>	l <sub>4</sub>	l <sub>5</sub>	
2,810-3,000	1	113	15	47,5	42	6
3,001-3,350	1	117	16	51,5	46	6
3,351-3,750	1	120	18	54,5	49	6
3,751-4,250	1	124	19	58,5	53	6
4,251-4,750	1	128	21	62,5	57	6
4,751-5,300	1	133	23	67,5	58	6
5,301-6,050	1	138	26	72,5	64	6
6,051-6,700	1	144	28	78,5	70	6
6,701-7,500	1	150	31	84,5	76	6
7,501-8,500	1	156	33	90,5	83	6
8,501-9,500	1	162	36	96,5	90	6
9,501-10,600	1	168	38	102,5	96	6
10,601-11,800	1	175	41	109,5	105	6
11,801-12,200	1	182	44	116,5	112	6
12,201-13,200	1	182	44	116,5	112	6
13,201-14,100	1	189	47	123,5	119	8
14,101-15,100	2	204	50	124	117	8
15,101-16,100	2	210	52	130	124	8
16,101-17,100	2	214	54	134	129	8
17,101-18,100	2	219	56	139	134	8
18,101-19,100	2	223	58	143	138	8
19,101-20,100	2	228	60	148	143	8
20,101-21,200	2	232	62	152	147	8
21,201-22,400	2	237	64	157	152	8
22,401-23,600	2	241	66	161	156	8
23,601-25,100	3	268	68	169	164	8
25,101-26,500	3	273	70	174	169	8
26,501-28,100	3	277	71	178	173	10
28,101-30,100	3	281	73	182	177	10
30,101-31,500	3	285	75	186	181	10
31,501-33,500	4	317	77	193	188	10
33,501-35,500	4	321	78	197	191	10
35,501-37,500	4	325	79	201	195	10
37,501-40,100	4	329	81	205	199	10
40,101-42,500	4	333	82	209	204	12
42,501-45,100	4	336	83	212	206	12
45,101-47,500	4	340	84	216	210	12
47,501-50,100	4	344	86	220	214	12

Dimensions in mm.

Cutting data see page 367 ff.

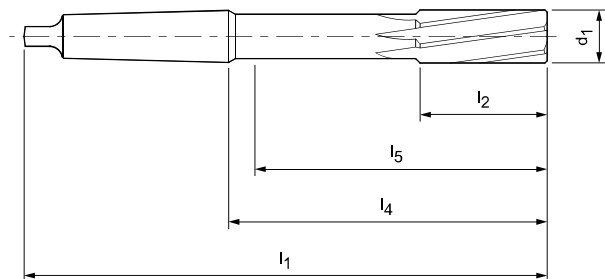
Information on special designs and other coatings on request.

# Machine reamer I 033111

Preferred series

**Design:**

Diameter: 10,00-20,00 mm  
 Cutting direction: Right-hand cutting  
 Cutting material: HSS-E, TiN coated  
 Flute direction: Spiral fluted



Dimensions						z	Order No.
$d_1$ H7	MK	$l_1$	$l_2$	$l_4$	$l_5$		
10,00	1	168	38	102,5	96	6	30107929
11,00	1	175	41	109,5	105	6	30107931
12,00	1	182	44	116,5	112	6	30107933
13,00	1	182	44	116,5	112	6	30107935
14,00	1	189	47	123,5	119	8	30107937
15,00	2	204	50	124	117	8	30107939
16,00	2	210	52	130	124	8	30107941
17,00	2	214	54	134	129	8	30107943
18,00	2	219	56	139	134	8	30107945
19,00	2	223	58	143	138	8	30107947
20,00	2	228	60	148	143	8	30107949

Dimensions in mm.

Cutting data see page 367 ff.

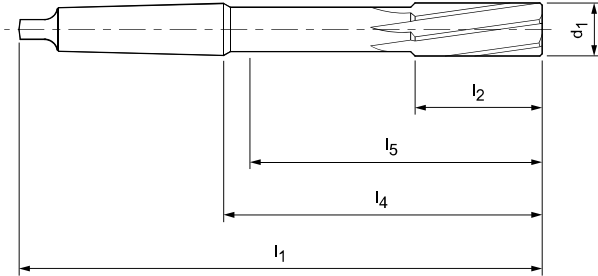
Information on special designs and other coatings on request.

# Machine reamer I 033111

Configurable series

**Design:**

Diameter: 9,501-20,100 mm  
 Cutting direction: Right-hand cutting  
 Cutting material: HSS-E, TiN coated  
 Flute direction: Spiral fluted



Dimensions						z
d <sub>1</sub>	MK	l <sub>1</sub>	l <sub>2</sub>	l <sub>4</sub>	l <sub>5</sub>	
9,501-10,600	1	168	38	102,5	96	6
10,601-11,800	1	175	41	109,5	105	6
11,801-12,200	1	182	44	116,5	112	6
12,201-13,200	1	182	44	116,5	112	6
13,201-14,100	1	189	47	123,5	119	8
14,101-15,100	2	204	50	124	117	8
15,101-16,100	2	210	52	130	124	8
16,101-17,100	2	214	54	134	129	8
17,101-18,100	2	219	56	139	134	8
18,101-19,100	2	223	58	143	138	8
19,101-20,100	2	228	60	148	143	8

Dimensions in mm.

Cutting data see page 367 ff.

Information on special designs and other coatings on request.