



**PROMO
2026**

RF100
SHARP

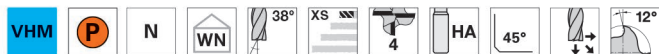
La nuova fresa in metallo duro integrale.

GÜHRING

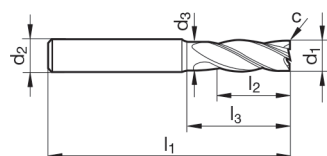
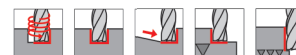


Ratio end mills RF 100 Sharp extra short

Article no. **6938**



especially for soft, tough and high-alloyed materials • neck clearance • centre cutting • 40% higher milling performance thanks to short stable design • with special front end



Article no.

6938

d1 e8 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	c mm x 45°	Z	Order no.	€
0.80	4.00	0.75	40	0.8	1.7	0.00	4	6938 0.800	22,55
1.00	4.00	0.92	40	1.0	2.1	0.01	4	6938 1.000	22,55
1.20	4.00	1.12	40	1.2	2.5	0.01	4	6938 1.200	22,55
1.40	4.00	1.32	40	1.4	2.9	0.01	4	6938 1.400	22,55
1.50	4.00	1.40	40	1.5	3.2	0.01	4	6938 1.500	22,55
1.60	4.00	1.50	40	1.6	3.4	0.01	4	6938 1.600	22,55
1.80	4.00	1.70	40	1.8	3.8	0.01	4	6938 1.800	22,55
2.00	6.00	1.85	50	2.0	4.2	0.02	4	6938 2.000	22,55
2.50	6.00	2.35	50	2.5	5.3	0.02	4	6938 2.500	22,55
2.80	6.00	2.65	50	2.8	5.9	0.02	4	6938 2.800	22,55
3.00	6.00	2.85	50	3.0	6.3	0.03	4	6938 3.000	22,55
3.50	6.00	3.30	50	3.5	7.4	0.03	4	6938 3.500	22,55
3.80	6.00	3.60	50	3.8	8.0	0.03	4	6938 3.800	22,55
4.00	6.00	3.80	50	4.0	8.4	0.04	4	6938 4.000	22,55
4.50	6.00	4.30	50	4.5	9.5	0.04	4	6938 4.500	22,55
4.80	6.00	4.60	50	4.8	10.1	0.04	4	6938 4.800	22,55
5.00	6.00	4.80	50	5.0	10.5	0.05	4	6938 5.000	22,55
5.50	6.00	5.30	50	5.5	12.0	0.05	4	6938 5.500	22,55
5.70	6.00	5.50	50	5.7	12.0	0.05	4	6938 5.700	22,55
6.00	6.00	5.70	50	6.0	12.0	0.06	4	6938 6.000	22,55
6.70	8.00	6.40	55	6.7	16.0	0.06	4	6938 6.700	30,99
7.00	8.00	6.70	55	7.0	16.0	0.07	4	6938 7.000	30,99
7.70	8.00	7.40	55	7.7	16.0	0.07	4	6938 7.700	30,99
8.00	8.00	7.70	55	8.0	16.0	0.08	4	6938 8.000	30,99
9.00	10.00	8.70	61	9.0	20.0	0.09	4	6938 9.000	46,43
9.70	10.00	9.40	61	9.7	20.0	0.09	4	6938 9.700	46,43
10.00	10.00	9.50	61	10.0	20.0	0.10	4	6938 10.000	46,43
11.00	12.00	10.50	70	11.0	24.0	0.11	4	6938 11.000	60,05
11.70	12.00	11.20	70	11.7	24.0	0.11	4	6938 11.700	60,05
12.00	12.00	11.50	70	12.0	24.0	0.12	4	6938 12.000	60,05
14.00	14.00	13.50	75	14.0	28.0	0.14	4	6938 14.000	79,23
15.60	16.00	15.10	82	15.6	32.0	0.15	4	6938 15.600	103,33
16.00	16.00	15.50	82	16.0	32.0	0.16	4	6938 16.000	103,33

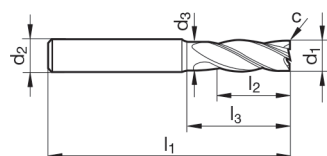
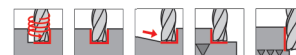


Ratio end mills RF 100 Sharp

Article no. 6478



especially for soft, tough and high-alloyed materials • longer cutting edge than DIN 6527 L • neck clearance • centre cutting



Article no.

6478

d1 e8 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	c mm x 45°	Z	Order no.	€
1.00	4.00	0.92	50	3.0	4.0	0.02	4	6478 1.000	24,22
1.50	4.00	1.40	50	4.5	6.0	0.03	4	6478 1.500	24,22
2.00	6.00	1.85	50	6.0	8.0	0.04	4	6478 2.000	25,59
2.50	6.00	2.35	50	7.5	10.0	0.05	4	6478 2.500	25,59
3.00	6.00	2.85	57	10.0	15.0	0.06	4	6478 3.000	26,54
4.00	6.00	3.80	57	14.0	18.0	0.08	4	6478 4.000	26,54
5.00	6.00	4.80	57	15.0	20.0	0.10	4	6478 5.000	26,54
6.00	6.00	5.70	57	16.0	20.0	0.12	4	6478 6.000	26,54
8.00	8.00	7.70	63	21.0	26.0	0.16	4	6478 8.000	36,46
10.00	10.00	9.50	72	25.0	31.0	0.20	4	6478 10.000	54,63
12.00	12.00	11.50	83	28.0	37.0	0.24	4	6478 12.000	70,64
14.00	14.00	13.50	83	28.0	37.0	0.28	4	6478 14.000	93,27
16.00	16.00	15.50	92	36.0	43.0	0.32	4	6478 16.000	121,54
20.00	20.00	19.50	104	41.0	53.0	0.40	4	6478 20.000	186,65

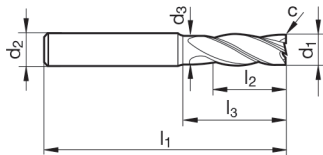
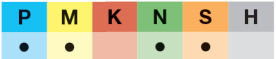


Ratio end mills RF 100 Sharp

Article no. 6480



especially for soft, tough and high-alloyed materials • medium length version • neck clearance • centre cutting



Article no.

6480

d1 e8 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	c mm x 45°	Z
1.00	4.00	0.92	50	3.0	5.5	0.02	4
1.50	4.00	1.40	50	4.5	8.5	0.03	4
2.00	6.00	1.85	57	6.0	11.5	0.04	4
2.50	6.00	2.35	57	7.5	14.5	0.05	4
3.00	6.00	2.85	65	10.0	20.0	0.06	4
4.00	6.00	3.80	65	14.0	27.0	0.08	4
5.00	6.00	4.80	65	15.0	28.0	0.10	4
6.00	6.00	5.70	75	19.0	38.0	0.12	4
8.00	8.00	7.70	80	21.0	43.0	0.16	4
10.00	10.00	9.50	93	26.0	52.0	0.20	4
12.00	12.00	11.50	100	28.0	54.0	0.24	4
14.00	14.00	13.50	100	28.0	54.0	0.28	4
16.00	16.00	15.50	123	38.0	74.0	0.32	4
20.00	20.00	19.50	126	41.0	75.0	0.40	4

Order no.	€
6480 1.000	32,61
6480 1.500	32,61
6480 2.000	33,66
6480 2.500	33,66
6480 3.000	34,60
6480 4.000	34,60
6480 5.000	34,60
6480 6.000	34,60
6480 8.000	45,82
6480 10.000	67,91
6480 12.000	88,36
6480 14.000	115,32
6480 16.000	152,32
6480 20.000	232,77

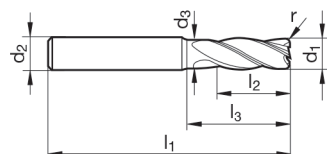
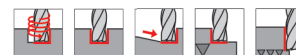


Ratio end mills RF 100 Sharp

Article no. 6962



especially for soft, tough and high-alloyed materials • neck clearance • centre cutting



Article no.

6962

d1 e8 mm	d2 h6 mm	d3 mm	l1 mm	l2 mm	l3 mm	r mm	Z	Order no.	€
3.00	6.00	2.85	57	8.0	15.0	0.20	4	6962 3.002	39,39
3.00	6.00	2.85	57	8.0	15.0	0.50	4	6962 3.005	39,39
4.00	6.00	3.80	57	11.0	18.0	0.20	4	6962 4.002	38,80
4.00	6.00	3.80	57	11.0	18.0	0.50	4	6962 4.005	38,80
4.00	6.00	3.80	57	11.0	18.0	1.00	4	6962 4.010	38,80
5.00	6.00	4.80	57	13.0	18.0	0.20	4	6962 5.002	37,82
5.00	6.00	4.80	57	13.0	18.0	0.50	4	6962 5.005	37,82
5.00	6.00	4.80	57	13.0	18.0	1.00	4	6962 5.010	37,82
6.00	6.00	5.70	57	13.0	20.0	0.20	4	6962 6.002	36,59
6.00	6.00	5.70	57	13.0	20.0	0.50	4	6962 6.005	36,59
6.00	6.00	5.70	57	13.0	20.0	1.00	4	6962 6.010	36,59
6.00	6.00	5.70	57	13.0	20.0	1.50	4	6962 6.015	36,59
8.00	8.00	7.70	63	19.0	26.0	0.30	4	6962 8.003	49,42
8.00	8.00	7.70	63	19.0	26.0	0.50	4	6962 8.005	49,42
8.00	8.00	7.70	63	19.0	26.0	1.00	4	6962 8.010	49,42
8.00	8.00	7.70	63	19.0	26.0	1.50	4	6962 8.015	49,42
8.00	8.00	7.70	63	19.0	26.0	2.00	4	6962 8.020	49,42
10.00	10.00	9.50	72	22.0	31.0	0.30	4	6962 10.003	69,18
10.00	10.00	9.50	72	22.0	31.0	0.50	4	6962 10.005	69,18
10.00	10.00	9.50	72	22.0	31.0	1.00	4	6962 10.010	69,18
10.00	10.00	9.50	72	22.0	31.0	1.50	4	6962 10.015	69,18
10.00	10.00	9.50	72	22.0	31.0	2.00	4	6962 10.020	69,18
10.00	10.00	9.50	72	22.0	31.0	2.50	4	6962 10.025	69,18
12.00	12.00	11.50	83	26.0	37.0	0.30	4	6962 12.003	89,53
12.00	12.00	11.50	83	26.0	37.0	0.50	4	6962 12.005	89,53
12.00	12.00	11.50	83	26.0	37.0	1.00	4	6962 12.010	89,53
12.00	12.00	11.50	83	26.0	37.0	1.50	4	6962 12.015	89,53
12.00	12.00	11.50	83	26.0	37.0	2.00	4	6962 12.020	89,53
12.00	12.00	11.50	83	26.0	37.0	2.50	4	6962 12.025	89,53
12.00	12.00	11.50	83	26.0	37.0	3.00	4	6962 12.030	89,53
16.00	16.00	15.50	92	32.0	43.0	0.50	4	6962 16.005	140,61
16.00	16.00	15.50	92	32.0	43.0	1.00	4	6962 16.010	140,61
16.00	16.00	15.50	92	32.0	43.0	1.50	4	6962 16.015	140,61
16.00	16.00	15.50	92	32.0	43.0	2.00	4	6962 16.020	140,61
16.00	16.00	15.50	92	32.0	43.0	2.50	4	6962 16.025	140,61
16.00	16.00	15.50	92	32.0	43.0	3.00	4	6962 16.030	140,61
16.00	16.00	15.50	92	32.0	43.0	4.00	4	6962 16.040	140,61
20.00	20.00	19.50	104	38.0	53.0	0.50	4	6962 20.005	215,07
20.00	20.00	19.50	104	38.0	53.0	1.00	4	6962 20.010	215,07
20.00	20.00	19.50	104	38.0	53.0	1.50	4	6962 20.015	215,07
20.00	20.00	19.50	104	38.0	53.0	2.00	4	6962 20.020	215,07
20.00	20.00	19.50	104	38.0	53.0	2.50	4	6962 20.025	215,07
20.00	20.00	19.50	104	38.0	53.0	3.00	4	6962 20.030	215,07
20.00	20.00	19.50	104	38.0	53.0	4.00	4	6962 20.040	215,07