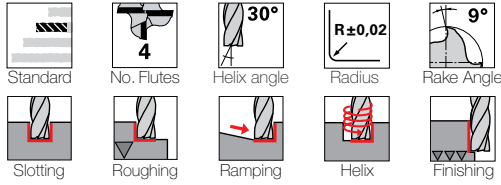


UNI-PRO "R" End Mills (4-Flute) - Metric - Standard Length



center cutting with corner radius



Tool material

Solid Carbide

Surface finish

bright

FIREX®

Series

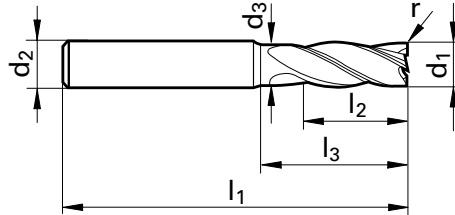
3111

3562

Application group	Material examples	Ideal for
P	Steel	●
M	Stainless steel	●
K	Cast iron	●
N	Aluminum	●
S	Ni / Ti alloys	○
H	Hardened steel	--

●=Optimal ○=Secondary

Speed and Feed data found on page 302



d1 h10	d2 h6	d3	l1	l2	l3	r	No. of Flutes	Code no.	EDP Number	
mm	mm	mm	mm	mm	mm					
6.000	6.000	5.700	57.00	13.00	20.00	0.50	4	6.005	9031110060050	9035620060050
6.000	6.000	5.700	57.00	13.00	20.00	1.00	4	6.010	9031110060100	9035620060100
8.000	8.000	7.700	63.00	19.00	26.00	0.50	4	8.005	9031110080050	9035620080050
8.000	8.000	7.700	63.00	19.00	26.00	1.00	4	8.010	9031110080100	9035620080100
8.000	8.000	7.700	63.00	19.00	26.00	1.50	4	8.015	9031110080150	9035620080150
8.000	8.000	7.700	63.00	19.00	26.00	2.00	4	8.020	9031110080200	9035620080200
10.000	10.000	9.500	72.00	22.00	30.00	0.50	4	10.005	9031110100050	9035620100050
10.000	10.000	9.500	72.00	22.00	30.00	0.80	4	10.008	9031110100080	9035620100080
10.000	10.000	9.500	72.00	22.00	30.00	1.00	4	10.010	9031110100100	9035620100100
10.000	10.000	9.500	72.00	22.00	30.00	1.50	4	10.015	9031110100150	9035620100150
10.000	10.000	9.500	72.00	22.00	30.00	2.00	4	10.020	9031110100200	9035620100200
12.000	12.000	11.500	83.00	26.00	36.00	0.50	4	12.005	9031110120050	9035620120050
12.000	12.000	11.500	83.00	26.00	36.00	0.80	4	12.008	9031110120080	9035620120080
12.000	12.000	11.500	83.00	26.00	36.00	1.00	4	12.010	9031110120100	9035620120100
12.000	12.000	11.500	83.00	26.00	36.00	1.50	4	12.015	9031110120150	9035620120150
12.000	12.000	11.500	83.00	26.00	36.00	2.00	4	12.020	9031110120200	9035620120200
16.000	16.000	15.500	92.00	32.00	42.00	1.00	4	16.010	9031110160100	9035620160100
16.000	16.000	15.500	92.00	32.00	42.00	1.50	4	16.015	9031110160150	9035620160150
16.000	16.000	15.500	92.00	32.00	42.00	2.00	4	16.020	9031110160200	9035620160200
20.000	20.000	19.500	104.00	38.00	52.00	1.00	4	20.010	9031110200100	9035620200100
20.000	20.000	19.500	104.00	38.00	52.00	1.50	4	20.015	9031110200150	9035620200150
20.000	20.000	19.500	104.00	38.00	52.00	2.00	4	20.020	9031110200200	9035620200200