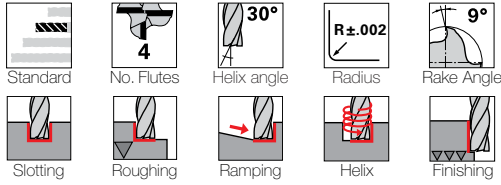


UNI-PRO "R" End Mills (4-Flute) - Inch - Standard Length



center cutting with corner radius



Tool material

Solid Carbide

Surface finish

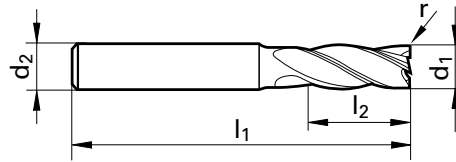
FIREX®

Series

3089

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 289

d1 h10	d2 h6	l1	l2	r	No. of Flutes	Code no.	EDP Number
inch	inch	inch	inch				
1/8	1/8	1 1/2	3/8	0.015	4	3.172	9030890031720
1/8	1/8	1 1/2	3/8	0.031	4	3.174	9030890031740
3/16	3/16	2	5/8	0.015	4	4.762	9030890047620
3/16	3/16	2	5/8	0.031	4	4.764	9030890047640
3/16	3/16	2	5/8	0.062	4	4.766	9030890047660
1/4	1/4	2 1/2	3/4	0.015	4	6.352	9030890063520
1/4	1/4	2 1/2	3/4	0.031	4	6.354	9030890063540
1/4	1/4	2 1/2	3/4	0.062	4	6.356	9030890063560
5/16	5/16	2 1/2	13/16	0.015	4	7.942	9030890079420
5/16	5/16	2 1/2	13/16	0.031	4	7.944	9030890079440
5/16	5/16	2 1/2	13/16	0.062	4	7.946	9030890079460
3/8	3/8	2 1/2	1	0.015	4	9.522	9030890095220
3/8	3/8	2 1/2	1	0.031	4	9.524	9030890095240
3/8	3/8	2 1/2	1	0.062	4	9.526	9030890095260
1/2	1/2	3	1	0.015	4	12.702	9030890127020
1/2	1/2	3	1	0.031	4	12.704	9030890127040
1/2	1/2	3	1	0.062	4	12.706	9030890127060