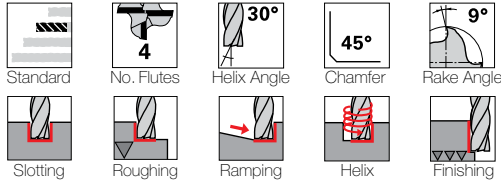


UNI-PRO End Mills (4-Flute) - Inch - Standard Length



center cutting



Tool material

Solid Carbide

Surface finish

bright

FIREX®

Series

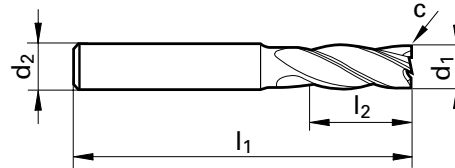
3150

3153

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	c	No. of Flutes	Code no.	EDP Number	
inch	inch	inch	inch	inch x 45°				
1/16	1/8	1 1/2	3/16	0.001	4	1.590	9031500015900	9031530015900
5/64	1/8	1 1/2	9/32	0.001	4	1.980	9031500019800	9031530019800
3/32	1/8	1 1/2	9/32	0.002	4	2.380	9031500023800	9031530023800
7/64	1/8	1 1/2	3/8	0.002	4	2.780	9031500027800	9031530027800
1/8	1/8	1 1/2	3/8	0.002	4	3.170	9031500031700	9031530031700
9/64	3/16	2	1/2	0.002	4	3.570	9031500035700	9031530035700
5/32	3/16	2	1/2	0.002	4	3.970	9031500039700	9031530039700
11/64	3/16	2	5/8	0.002	4	4.370	9031500043700	9031530043700
3/16	3/16	2	5/8	0.002	4	4.760	9031500047600	9031530047600
13/64	1/4	2 1/2	5/8	0.002	4	5.160	9031500051600	9031530051600
7/32	1/4	2 1/2	5/8	0.002	4	5.560	9031500055600	9031530055600
15/64	1/4	2 1/2	3/4	0.002	4	5.950	9031500059500	9031530059500
1/4	1/4	2 1/2	3/4	0.004	4	6.350	9031500063500	9031530063500
17/64	5/16	2 1/2	3/4	0.004	4	6.750	9031500067500	9031530067500
9/32	5/16	2 1/2	3/4	0.004	4	7.140	9031500071400	9031530071400
19/64	5/16	2 1/2	13/16	0.004	4	7.540	9031500075400	9031530075400
5/16	5/16	2 1/2	13/16	0.004	4	7.940	9031500079400	9031530079400
21/64	3/8	2 1/2	1	0.004	4	8.330	9031500083300	9031530083300
11/32	3/8	2 1/2	1	0.004	4	8.730	9031500087300	9031530087300
23/64	3/8	2 1/2	1	0.004	4	9.130	9031500091300	9031530091300
3/8	3/8	2 1/2	1	0.004	4	9.520	9031500095200	9031530095200
25/64	7/16	2 1/2	1	0.004	4	9.920	9031500099200	9031530099200
13/32	7/16	2 3/4	1	0.006	4	10.320	9031500103200	9031530103200
27/64	7/16	2 3/4	1	0.006	4	10.720	9031500107200	9031530107200
7/16	7/16	2 3/4	1	0.006	4	11.110	9031500111100	9031530111100
29/64	1/2	3	1	0.006	4	11.510	9031500115100	9031530115100
15/32	1/2	3	1	0.006	4	11.910	9031500119100	9031530119100
31/64	1/2	3	1	0.006	4	12.300	9031500123000	9031530123000
1/2	1/2	3	1	0.006	4	12.700	9031500127000	9031530127000
9/16	9/16	3 1/2	1 1/8	0.006	4	14.290	9031500142900	9031530142900
5/8	5/8	3 1/2	1 1/4	0.006	4	15.870	9031500158700	9031530158700
11/16	3/4	4	1 3/8	0.006	4	17.460	9031500174600	9031530174600
3/4	3/4	4	1 1/2	0.006	4	19.050	9031500190500	9031530190500
1	1	4	1 1/2	0.012	6	25.400	9031500254000	9031530254000