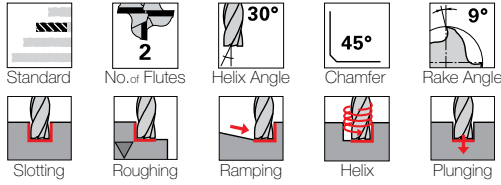


UNI-PRO End Mills (2-Flute) - Inch - Standard Length



center cutting



Tool material

Solid Carbide

Solid Carbide

Surface finish

bright

FIREX®

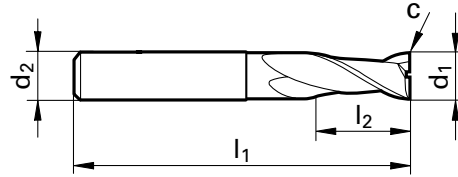
Series

3146

3148

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	EDP Number
inch	inch	inch	inch	inch x 45°				
1/16	1/8	11/2	3/16	0.001	2	1.590	9031460015900	9031480015900
5/64	1/8	11/2	9/32	0.001	2	1.980	9031460019800	9031480019800
3/32	1/8	11/2	9/32	0.002	2	2.380	9031460023800	9031480023800
7/64	1/8	11/2	3/8	0.002	2	2.780	9031460027800	9031480027800
1/8	1/8	11/2	3/8	0.002	2	3.170	9031460031700	9031480031700
9/64	3/16	2	1/2	0.002	2	3.570	9031460035700	9031480035700
5/32	3/16	2	1/2	0.002	2	3.970	9031460039700	9031480039700
11/64	3/16	2	5/8	0.002	2	4.370	9031460043700	9031480043700
3/16	3/16	2	5/8	0.002	2	4.760	9031460047600	9031480047600
13/64	1/4	2 1/2	5/8	0.002	2	5.160	9031460051600	9031480051600
7/32	1/4	2 1/2	5/8	0.002	2	5.560	9031460055600	9031480055600
15/64	1/4	2 1/2	3/4	0.002	2	5.950	9031460059500	9031480059500
1/4	1/4	2 1/2	3/4	0.004	2	6.350	9031460063500	9031480063500
17/64	5/16	2 1/2	3/4	0.004	2	6.750	9031460067500	9031480067500
9/32	5/16	2 1/2	3/4	0.004	2	7.140	9031460071400	9031480071400
19/64	5/16	2 1/2	13/16	0.004	2	7.540	9031460075400	9031480075400
5/16	5/16	2 1/2	13/16	0.004	2	7.940	9031460079400	9031480079400
21/64	3/8	2 1/2	1	0.004	2	8.330	9031460083300	9031480083300
11/32	3/8	2 1/2	1	0.004	2	8.730	9031460087300	9031480087300
23/64	3/8	2 1/2	1	0.004	2	9.130	9031460091300	9031480091300
3/8	3/8	2 1/2	1	0.004	2	9.520	9031460095200	9031480095200
25/64	7/16	2 1/2	1	0.004	2	9.920	9031460099200	9031480099200
13/32	7/16	2 3/4	1	0.006	2	10.320	9031460103200	9031480103200
27/64	7/16	2 3/4	1	0.006	2	10.720	9031460107200	9031480107200
7/16	7/16	2 3/4	1	0.006	2	11.110	9031460111100	9031480111100
29/64	1/2	3	1	0.006	2	11.510	9031460115100	9031480115100
15/32	1/2	3	1	0.006	2	11.910	9031460119100	9031480119100
31/64	1/2	3	1	0.006	2	12.300	9031460123000	9031480123000
1/2	1/2	3	1	0.006	2	12.700	9031460127000	9031480127000
9/16	9/16	3 1/2	1 1/8	0.006	2	14.290	9031460142900	9031480142900
5/8	5/8	3 1/2	1 1/4	0.006	2	15.870	9031460158700	9031480158700
11/16	3/4	4	1 3/8	0.006	2	17.460	9031460174600	9031480174600
3/4	3/4	4	1 1/2	0.006	2	19.050	9031460190500	9031480190500
1	1	4	1 1/2	0.012	2	25.400	9031460254000	9031480254000