

Springtime savings on Pro-Line end mills from

GUHRING



2 flute end mills with corner chamfer.

Guhring's universal Uni-Pro end mills are designed for maintaining a high level of performance while machining a wide range of materials.



Diameter inch	Shank dia. inch	OAL inch	LOC inch	corner chamfer	Bright Finish EDP Number	List Price	Promo Price	FIREX coated EDP Number	List Price	Promo Price
1/16	1/8	1 1/2	3/16	0.001	9031460015900	\$15.99	\$9.59	9031480015900	\$17.59	\$10.55
5/64	1/8	1 1/2	1/4	0.001	9031460019800	\$16.79	\$10.07	9031480019800	\$18.47	\$11.08
3/32	1/8	1 1/2	9/32	0.002	9031460023800	\$15.99	\$9.59	9031480023800	\$17.59	\$10.55
7/64	1/8	1 1/2	3/8	0.002	9031460027800	\$16.79	\$10.07	9031480027800	\$18.47	\$11.08
1/8	1/8	1 1/2	3/8	0.002	9031460031700	\$11.29	\$6.77	9031480031700	\$12.24	\$7.34
9/64	3/16	2	1/2	0.002	9031460035700	\$16.79	\$10.07	9031480035700	\$18.47	\$11.08
5/32	3/16	2	1/2	0.002	9031460039700	\$17.39	\$10.43	9031480039700	\$19.77	\$11.86
11/64	3/16	2	5/8	0.002	9031460043700	\$18.27	\$10.96	9031480043700	\$20.75	\$12.45
3/16	3/16	2	5/8	0.002	9031460047600	\$15.52	\$9.31	9031480047600	\$17.39	\$10.43
13/64	1/4	2 1/2	5/8	0.002	9031460051600	\$23.22	\$13.93	9031480051600	\$20.75	\$12.45
7/32	1/4	2 1/2	5/8	0.002	9031460055600	\$22.11	\$13.27	9031480055600	\$24.46	\$14.68
15/64	1/4	2 1/2	3/4	0.002	9031460059500	\$23.22	\$13.93	9031480059500	\$25.69	\$15.41
1/4	1/4	2 1/2	3/4	0.004	9031460063500	\$19.29	\$11.57	9031480063500	\$21.17	\$12.70
17/64	5/16	2 1/2	3/4	0.004	9031460067500	\$28.16	\$16.90	9031480067500	\$31.61	\$18.97
9/32	5/16	2 1/2	3/4	0.004	9031460071400	\$26.80	\$16.08	9031480071400	\$30.11	\$18.07
19/64	5/16	2 1/2	13/16	0.004	9031460075400	\$28.16	\$16.90	9031480075400	\$31.61	\$18.97
5/16	5/16	2 1/2	13/16	0.004	9031460079400	\$26.34	\$15.80	9031480079400	\$29.65	\$17.79
21/64	3/8	2 1/2	1	0.004	9031460083300	\$37.54	\$22.52	9031480083300	\$37.05	\$22.23
11/32	3/8	2 1/2	1	0.004	9031460087300	\$35.75	\$21.45	9031480087300	\$39.96	\$23.98
23/64	3/8	2 1/2	1	0.004	9031460091300	\$37.54	\$22.52	9031480091300	\$41.98	\$25.19
3/8	3/8	2 1/2	1	0.004	9031460095200	\$31.52	\$18.91	9031480095200	\$35.29	\$21.17
25/64	7/16	2 1/2	1	0.004	9031460099200	\$42.98	\$25.79	9031480099200	\$48.40	\$29.04
13/32	7/16	2 3/4	1	0.006	9031460103200	\$49.38	\$29.63	9031480103200	\$56.44	\$33.86
27/64	7/16	2 3/4	1	0.006	9031460107200	\$51.85	\$31.11	9031480107200	\$59.27	\$35.56
7/16	7/16	2 3/4	1	0.006	9031460111100	\$40.93	\$24.56	9031480111100	\$46.09	\$27.65
29/64	1/2	3	1	0.006	9031460115100	\$58.35	\$35.01	9031480115100	\$61.23	\$36.74
15/32	1/2	3	1	0.006	9031460119100	\$60.66	\$36.40	9031480119100	\$68.21	\$40.93
31/64	1/2	3	1	0.006	9031460123000	\$63.70	\$38.22	9031480123000	\$71.62	\$42.97
1/2	1/2	3	1	0.006	9031460127000	\$51.74	\$31.04	9031480127000	\$58.33	\$35.00
9/16	9/16	3 1/2	1 1/8	0.006	9031460142900	\$91.71	\$55.03	9031480142900	\$97.83	\$58.70
5/8	5/8	3 1/2	1 1/4	0.006	9031460158700	\$102.06	\$61.24	9031480158700	\$109.12	\$65.47
11/16	3/4	4	1 3/8	0.006	9031460174600	\$170.73	\$102.44	9031480174600	\$182.94	\$109.76
3/4	3/4	4	1 1/2	0.006	9031460190500	\$150.51	\$90.31	9031480190500	\$160.87	\$96.52
1	1	4	1 1/2	0.012	9031460254000	\$229.53	\$137.72	9031480254000	\$245.51	\$147.31

2 flute w/corner radius



Diameter inch	OAL inch	LOC inch	radius	EDP Number	List Price	Promo Price
1/8	1 1/2	3/8	0.015	9030870031720	\$35.56	\$21.34
1/8	1 1/2	3/8	0.031	9030870031740	\$35.56	\$21.34
3/16	2	5/8	0.015	9030870047620	\$40.93	\$24.56
3/16	2	5/8	0.031	9030870047640	\$40.93	\$24.56
3/16	2	5/8	0.062	9030870047660	\$40.93	\$24.56
1/4	2 1/2	3/4	0.015	9030870063520	\$45.53	\$27.32
1/4	2 1/2	3/4	0.031	9030870063540	\$45.53	\$27.32
1/4	2 1/2	3/4	0.062	9030870063560	\$45.53	\$27.32
5/16	2 1/2	13/16	0.015	9030870079420	\$56.91	\$34.15
5/16	2 1/2	13/16	0.031	9030870079440	\$56.91	\$34.15
5/16	2 1/2	13/16	0.062	9030870079460	\$56.91	\$34.15
3/8	2 1/2	1	0.015	9030870095220	\$67.16	\$40.30
3/8	2 1/2	1	0.031	9030870095240	\$67.16	\$40.30
3/8	2 1/2	1	0.062	9030870095260	\$67.16	\$40.30
1/2	3	1	0.015	9030870127020	\$94.72	\$56.83
1/2	3	1	0.031	9030870127040	\$94.72	\$56.83
1/2	3	1	0.062	9030870127060	\$94.72	\$56.83



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W227 N678 Westmound Dr. Waukesha, WI 53186-0216

262-548-8960 General Office

800-678-8960 Toll Free

262-542-9108 Fax

info@aptexinc.com

www.aptexinc.com

Promotion valid through July 31, 2017

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Save 40%

4 flute end mills with corner chamfer.
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1/16	1/8	1 1/2	3/16	0.001	9031500015900	\$15.99	\$9.59	9031530015900	\$17.59	\$10.55
5/64	1/8	1 1/2	1/4	0.001	9031500019800	\$16.79	\$10.07	9031530019800	\$18.47	\$11.08
3/32	1/8	1 1/2	9/32	0.002	9031500023800	\$15.99	\$9.59	9031530023800	\$17.59	\$10.55
7/64	1/8	1 1/2	3/8	0.002	9031500027800	\$16.79	\$10.07	9031530027800	\$18.47	\$11.08
1/8	1/8	1 1/2	3/8	0.002	9031500031700	\$11.29	\$6.77	9031530031700	\$12.24	\$7.34
9/64	3/16	2	1/2	0.002	9031500035700	\$16.79	\$10.07	9031530035700	\$18.47	\$11.08
5/32	3/16	2	1/2	0.002	9031500039700	\$17.39	\$10.43	9031530039700	\$19.77	\$11.86
11/64	3/16	2	5/8	0.002	9031500043700	\$18.27	\$10.96	9031530043700	\$20.75	\$12.45
3/16	3/16	2	5/8	0.002	9031500047600	\$15.52	\$9.31	9031530047600	\$17.39	\$10.43
13/64	1/4	2 1/2	5/8	0.002	9031500051600	\$18.27	\$10.96	9031530051600	\$20.75	\$12.45
7/32	1/4	2 1/2	5/8	0.002	9031500055600	\$22.11	\$13.27	9031530055600	\$24.46	\$14.68
15/64	1/4	2 1/2	3/4	0.002	9031500059500	\$23.22	\$13.93	9031530059500	\$25.69	\$15.41
1/4	1/4	2 1/2	3/4	0.004	9031500063500	\$19.29	\$11.57	9031530063500	\$21.17	\$12.70
17/64	5/16	2 1/2	3/4	0.004	9031500067500	\$23.22	\$13.93	9031530067500	\$25.69	\$15.41
9/32	5/16	2 1/2	3/4	0.004	9031500071400	\$26.80	\$16.08	9031530071400	\$30.11	\$18.07
19/64	5/16	2 1/2	13/16	0.004	9031500075400	\$28.16	\$16.90	9031530075400	\$30.97	\$18.58
5/16	5/16	2 1/2	13/16	0.004	9031500079400	\$26.34	\$15.80	9031530079400	\$29.65	\$17.79
21/64	3/8	2 1/2	1	0.004	9031500083300	\$37.54	\$22.52	9031530083300	\$41.98	\$25.19
11/32	3/8	2 1/2	1	0.004	9031500087300	\$35.75	\$21.45	9031530087300	\$39.96	\$23.98
23/64	3/8	2 1/2	1	0.004	9031500091300	\$37.54	\$22.52	9031530091300	\$41.98	\$25.19
3/8	3/8	2 1/2	1	0.004	9031500095200	\$31.52	\$18.91	9031530095200	\$35.29	\$21.17
25/64	7/16	2 1/2	1	0.004	9031500099200	\$37.54	\$22.52	9031530099200	\$41.98	\$25.19
13/32	7/16	2 3/4	1	0.006	9031500103200	\$49.38	\$29.63	9031530103200	\$56.44	\$33.86
27/64	7/16	2 3/4	1	0.006	9031500107200	\$51.85	\$31.11	9031530107200	\$59.27	\$35.56
7/16	7/16	2 3/4	1	0.006	9031500111100	\$40.93	\$24.56	9031530111100	\$46.09	\$27.65
29/64	1/2	3	1	0.006	9031500115100	\$63.70	\$38.22	9031530115100	\$71.62	\$42.97
15/32	1/2	3	1	0.006	9031500119100	\$60.66	\$36.40	9031530119100	\$68.21	\$40.93
31/64	1/2	3	1	0.006	9031500123000	\$63.70	\$38.22	9031530123000	\$71.62	\$42.97
1/2	1/2	3	1	0.006	9031500127000	\$51.74	\$31.04	9031530127000	\$58.33	\$35.00
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3/4	3/4	4	1 1/2	0.006	9031500190500	\$150.51	\$90.31	9031530190500	\$160.87	\$96.52
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3/16	2	5/8	0.015	9030890047620	\$40.93	\$24.56
3/16	2	5/8	0.031	9030890047640	\$40.93	\$24.56
3/16	2	5/8	0.062	9030890047660	\$40.93	\$24.56
1/4	2 1/2	3/4	0.015	9030890063520	\$45.53	\$27.32
1/4	2 1/2	3/4	0.031	9030890063540	\$45.53	\$27.32
1/4	2 1/2	3/4	0.062	9030890063560	\$45.53	\$27.32
5/16	2 1/2	13/16	0.015	9030890079420	\$56.91	\$34.15
5/16	2 1/2	13/16	0.031	9030890079440	\$56.91	\$34.15
5/16	2 1/2	13/16	0.062	9030890079460	\$56.91	\$34.15
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3/8	2 1/2	1	0.031	9030890095240	\$67.16	\$40.30
3/8	2 1/2	1	0.062	9030890095260	\$67.16	\$40.30
1/2	3	1	0.015	9030890127020	\$94.72	\$56.83
1/2	3	1	0.031	9030890127040	\$94.72	\$56.83
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