



GENERAL PURPOSE END MILLS - CARBIDE

5 Flute - Square - 45° Helix



- Excellent in ferrous, stainless and high temp alloys
- 45° Helix for faster chip removal and better finish
- AlTiN coating offers increased wear and heat resistance
- Excels in profiling and finishing applications
- Also offered with assortment corner radii
- CNC ground in the USA

BHID Item	Dia	LOC	OAL	Flutes	List Price	Promo Price
PIONEER-C748126	1/8"	1/2"	1-1/2"	5	\$18.75	\$15.00
PIONEER-C748127	3/16"	3/4"	2"	5	\$23.20	\$18.56
PIONEER-C748125	1/4"	3/4"	2-1/2"	5	\$25.00	\$20.00
PIONEER-C748130	5/16"	7/8"	2-1/2"	5	\$30.05	\$24.04
PIONEER-C748129	3/8"	1"	2-1/2"	5	\$40.35	\$31.99
PIONEER-C744519	7/16"	5/8"	2-1/2"	5	\$41.30	\$33.04
PIONEER-C748124	1/2"	1-1/4"	3"	5	\$75.55	\$59.99
PIONEER-C748131	5/8"	1-5/8"	3-1/2"	5	\$143.55	\$114.84
PIONEER-C748128	3/4"	1-5/8"	4"	5	\$195.19	\$156.12

GENERAL PURPOSE END MILLS - CARBIDE - ROUGHERS

4 Flute - Square - 30° Helix - Fine Pitch Rougher



- Excellent in hardened steels, titanium, Inconel and high temp alloys
- Fine pitch for maximized material removal rates (MRR) and minimized vibration or chatter
- Offered in stub, regular, and long length styles
- AlTiN coating offers increased wear and heat resistance
- Center cutting
- CNC ground in the USA

BHID Item	Dia	LOC	OAL	Flutes	List Price	Promo Price
PIONEER-C772468	1/8"	1/2"	1-1/2"	4	\$29.20	\$23.36
PIONEER-C772469	3/16"	5/8"	2"	4	\$32.50	\$26.00
PIONEER-C746429	1/4"	3/4"	2-1/2"	4	\$39.00	\$31.20
PIONEER-C746426	5/16"	13/16"	2-1/2"	4	\$54.25	\$43.40
PIONEER-C746427	3/8"	7/8"	2-1/2"	4	\$63.25	\$49.99
PIONEER-C735121	1/2"	1-1/4"	3"	4	\$79.80	\$62.99
PIONEER-C746425	5/8"	1-5/8"	3-1/2"	4	\$170.80	\$136.64
PIONEER-C746428	3/4"	1-5/8"	4"	4	\$206.95	\$165.56
PIONEER-C746431	1"	2"	4"	4	\$380.65	\$304.52

GENERAL PURPOSE END MILLS - M42 COLBALT - ROUGHERS

Rougher - Fine Pitch - 30° Helix



- Ideal for high alloy steels, titanium alloys and cast alloys
- Fine pitch for maximized material removal rates and minimized vibration
- Weldon flat
- AlTiN coating offers increased wear and heat resistance
- Precision manufactured in the USA

BHID Item	Dia	LOC	OAL	Flutes	List Price	Promo Price
PIONEER-C750650	1/4"	5/8"	2-7/16"	4	\$62.40	\$49.92
PIONEER-C750651	5/16"	3/4"	2-1/2"	4	\$68.15	\$54.52
PIONEER-C750652	3/8"	3/4"	2-1/2"	4	\$71.60	\$57.28
PIONEER-C750653	7/16"	1"	2-11/16"	4	\$71.95	\$57.56
PIONEER-C750654	1/2"	1-1/4"	3-1/4"	4	\$72.95	\$57.99
PIONEER-C750655	5/8"	1-5/8"	3-3/4"	4	\$95.95	\$76.76
PIONEER-C750656	3/4"	1-5/8"	3-7/8"	4	\$105.60	\$84.48
PIONEER-C750658	1"	2"	4-1/2"	5	\$141.50	\$113.20
PIONEER-C750660	1-1/4"	2"	4-1/2"	6	\$247.65	\$198.12

GENERAL PURPOSE END MILLS - M42 COBALT - ROUGHERS

Rougher - Coarse Pitch - 30° Helix



- Ideal for high alloy steels, titanium alloys and cast alloys
- Coarse pitch for increased material removal rates with decreased horse power requirements
- Weldon flat
- AlTiN coating offers increased wear and heat resistance
- Precision manufactured in the USA

BHID Item	Dia	LOC	OAL	Flutes	List Price	Promo Price
PIONEER-C750598	1/4"	5/8"	2-7/16"	4	\$62.40	\$49.92
PIONEER-C750599	5/16"	3/4"	2-1/2"	4	\$68.15	\$54.52
PIONEER-C750600	3/8"	3/4"	2-1/2"	4	\$71.15	\$56.92
PIONEER-C750602	7/16"	1"	2-11/16"	4	\$72.95	\$58.36
PIONEER-C750603	1/2"	1-1/4"	3-1/4"	4	\$75.40	\$59.99
PIONEER-C750604	5/8"	1-5/8"	3-3/4"	4	\$95.95	\$76.76
PIONEER-C750605	3/4"	1-5/8"	3-7/8"	4	\$105.60	\$84.48
PIONEER-C750607	1"	2"	4-1/2"	5	\$141.45	\$113.16
PIONEER-C750609	1-1/4"	2"	4-1/2"	6	\$237.25	\$189.80