

TIALN COATED M42-8% COBALT ROUGHING END MILL

ISO9001

Features:

- TiAlN Coated
- Center cutting
- M42-8% premium cobalt
- CNC ready



4 Flute



5 Flute

Dia	Shk Dia	Flt Length	OAL	FI	Item # Standard Tooth	Price	Item # Fine Tooth	Price
1/4"	3/8"	3/4"	2-1/2"	4	1102-0014	\$24.00/PC	1104-0014	\$24.00/PC
5/16"	3/8"	3/4"	2-1/2"	4	1102-0516	\$24.00/PC	1104-0516	\$24.00/PC
3/8"	3/8"	3/4"	2-1/2"	4	1102-0038	\$24.00/PC	1104-0038	\$24.00/PC
1/2"	1/2"	1-1/4"	3-1/4"	4	1102-0012	\$33.00/PC	1104-0012	\$33.00/PC
1/2"	1/2"	2"	4"	4	1102-0120	\$39.00/PC	1104-0120	\$39.00/PC
5/8"	5/8"	1-5/8"	3-3/4"	4	1102-0058	\$50.00/PC	1104-0058	\$50.00/PC
3/4"	3/4"	1-5/8"	3-3/4"	4	1102-0034	\$62.00/PC	1104-0034	\$62.00/PC
1"	1"	2"	4-1/2"	5	1102-0001	\$86.00/PC	1104-0001	\$90.00/PC
1"	1"	3"	5-1/2"	5	1102-0031	\$103.00/PC	1104-0031	\$112.00/PC
1"	1"	4"	6-1/2"	5	1102-0114	\$136.00/PC		

M42(H.S.S.+8% COBALT) FINISHING CNC END MILL, 4 FLUTE, TIALN COATED

Features:

- Center cutting.
- M42-8% premium cobalt.
- CNC qualified.



6800-4051

Item	Dia	Shk Dia	Flt Length	OAL	Price
6800-4001	1/8"	3/8"	3/8"	2-5/16"	\$24.00/PC
6800-4021	1/4"	3/8"	5/8"	2-7/16"	\$24.00/PC
6800-4041	3/8"	3/8"	3/4"	2-1/2"	\$26.00/PC
6800-4051	1/2"	1/2"	1-1/4"	3-1/4"	\$33.00/PC
6800-4061	5/8"	5/8"	1-5/8"	3-3/4"	\$52.00/PC
6800-4081	3/4"	3/4"	1-5/8"	3-7/8"	\$63.00/PC
6800-4101	7/8"	7/8"	1-7/8"	4-1/8"	\$89.00/PC
6800-4121	1"	1"	2"	4-1/2"	\$99.00/PC

M42-8% PREMIUM COBALT END MILL, 4 FLUTE

CO-12



Item#	Dia	Shk Dia	Flt Length	OAL	Flute	Price
CO-18	1/8"	3/8"	3/8"	2-5/16"	4	\$15.80/PC
CO-316	3/16"	3/8"	1/2"	2-3/8"	4	\$16.00/PC
CO-14	1/4"	3/8"	5/8"	2-7/16"	4	\$18.00/PC
CO-516	5/16"	3/8"	3/4"	2-1/2"	4	\$18.00/PC
CO-38	3/8"	3/8"	3/4"	2-1/2"	4	\$19.00/PC
CO-716	7/16"	1/2"	1"	2-3/4"	4	\$21.50/PC
CO-12	1/2"	1/2"	1-1/4"	3-1/4"	4	\$28.00/PC
CO-916	9/16"	1/2"	1-3/8"	3-3/8"	4	\$35.00/PC
CO-58	5/8"	5/8"	1-5/8"	3-3/4"	4	\$38.00/PC
CO-1116	11/16"	5/8"	1-5/8"	3-3/4"	4	\$40.00/PC
CO-34	3/4"	3/4"	1-5/8"	3-7/8"	4	\$56.00/PC
CO-1316	13/16"	3/4"	1-7/8"	4-1/8"	4	\$65.00/PC
CO-78	7/8"	3/4"	1-7/8"	4-1/8"	4	\$72.00/PC
CO-1516	15/16"	3/4"	1-7/8"	4-1/8"	4	\$76.00/PC
CO-134	1"	3/4"	1-7/8"	4-1/8"	4	\$80.00/PC
CO-1	1"	1"	2"	4-1/2"	4	\$83.00/PC

MICROGRAIN SOLID CARBIDE END MILL

Features:

- 4-flute and 2-flute
- Single end
- Center cutting



1008-0516



1006-0516

Dia	Shk Dia	Flt Length	OAL	Item # 4 Flute	Price	Item # 2 Flute	Price
1/16"	1/8"	3/16"	1-1/2"	1006-0116	\$13.80/PC	1008-0116	\$13.80/PC
1/8"	1/8"	1/2"	1-1/2"	1006-0018	\$14.00/PC	1008-0018	\$14.00/PC
3/16"	3/16"	5/8"	2"	1006-0316	\$19.00/PC	1008-0316	\$19.00/PC
1/4"	1/4"	3/4"	1-1/2"	1006-0014	\$26.00/PC	1008-0014	\$26.00/PC
5/16"	5/16"	3/4"	2-1/2"	1006-0516	\$39.00/PC	1008-0516	\$39.00/PC
3/8"	3/8"	1"	2-1/2"	1006-0038	\$57.00/PC	1008-0038	\$57.00/PC
1/2"	1/2"	1"	3"	1006-0012	\$69.00/PC	1008-0012	\$69.00/PC
9/16"	9/16"	1-1/8"	3-1/2"	1006-0916	\$160.00/PC		
5/8"	5/8"	1-1/4"	3-1/2"	1006-0058	\$180.00/PC		

H.S.S. END MILL, TIN COATED, 4 FLUTE

Features:

- Single end
- Right-hand spiral flute
- Regular length
- Right-hand cut
- Center cutting



1400-3209

Item #	Dia	Shank Diameter	Flute Length	Overall Length	Flute	Price
1400-3201	1/8"	3/8"	3/8"	2-5/16"	4	\$9.00/PC
1400-3203	3/16"	3/8"	1/2"	2-3/8"	4	\$9.50/PC
1400-3205	1/4"	3/8"	5/8"	2-7/16"	4	\$9.50/PC
1400-3207	5/16"	3/8"	3/4"	2-1/2"	4	\$9.50/PC
1400-3209	3/8"	3/8"	3/4"	2-1/2"	4	\$12.00/PC
1400-3211	1/2"	1/2"	1-1/4"	3-1/4"	4	\$15.00/PC
1400-3213	5/8"	5/8"	1-5/8"	3-3/4"	4	\$16.00/PC
1400-3214	9/16"	1/2"	1-1/8"	3-3/8"	4	\$17.00/PC
1400-3215	11/16"	5/8"	1-5/8"	3-3/4"	4	\$30.00/PC
1400-3217	3/4"	3/4"	1-5/8"	3-7/8"	4	\$30.00/PC
1400-3218	7/8"	3/4"	1-7/8"	4-1/8"	4	\$33.00/PC
1400-3220	1"	3/4"	1-7/8"	4-1/8"	4	\$36.00/PC
1400-3221	1"	1"	2"	4-1/2"	4	\$43.00/PC

M42-8% COBALT ROUGHING END MILL

Features:

- Center cutting
- M42-8% premium cobalt
- CNC qualified



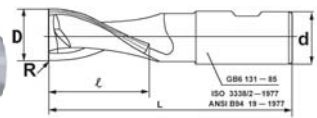
1002-0078

Item # Standard Tooth	Dia	Shank Dia.	Flute Length	Overall Length	Flute	Price
1002-0014	1/4"	3/8"	3/4"	2-1/2"	4	\$18.00/PC
1002-0120	1/2"	1/2"	2"	4"	4	\$28.00/PC
1002-0058	5/8"	5/8"	1-5/8"	3-3/4"	4	\$42.00/PC
1002-0580	5/8"	5/8"	2-1/2"	4-5/8"	4	\$49.00/PC
1002-0034	3/4"	3/4"	1-5/8"	3-3/4"	4	\$49.00/PC
1002-0340	3/4"	3/4"	3"	5-1/4"	4	\$82.00/PC
1002-0078	7/8"	3/4"	1-5/8"	4-1/8"	4	\$82.00/PC
1002-1516	15/16"	3/4"	1-7/8"	4-1/8"	4	\$82.00/PC
1002-0001	1"	1"	2"	4-1/2"	5	\$82.00/PC
1002-0113	1"	1"	3"	5-1/2"	5	\$93.00/PC

2 FLUTE CARBIDE TIPPED END MILL FOR ALUMINUM



0193-6400



Item #	Mill Dia. (D)	Shank Dia. (d)	LOC (l)	OAL (L)	Corner Radius (R)	Price
0193-6327	1/2"	1/2"	1"	3"	1/64"	\$52.00/PC
0193-6400	5/8"	5/8"	1-1/4"	3-5/8"	1/64"	\$58.00/PC
0193-6483	3/4"	3/4"	1-1/2"	4-1/8"	1/64"	\$69.00/PC
0193-6640	1"	1"	1-3/4"	4-3/4"	1/64"	\$83.00/PC

Recommended Cutting Specification

Cutting Speed m/m	Feed per Tooth	Materials to be Machined
300-900	0.05-0.015	Aluminum, Magnesium Alloy & Other Light Alloy