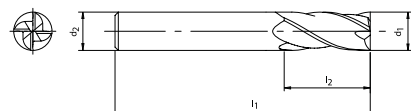


Solid Carbide End Mill Extra Long 4 Flute 30° Helix AlTiN Coated



Design Specs

- Standard performance carbide end mill
- AlTiN Coated - Other upon request
- Slotting/Side/Face/Profile Milling
- Special Steps/Lengths upon request
- Greater chip clearance

Application:

Outstanding performance in milling Stainless Steel, Tool Steel, Copper, Bronze and General Purpose

d ₁ Diameter	d ₂ Shank	l ₂ LOC	l ₁ OAL	Square EDP#	Uncoated Price	Square EDP#	Coated Price	Ball EDP#	Uncoated Price	Square EDP#	Coated Price
3/16	3/16	1-1/4	3"	15000	\$15.05	15000C	\$18.08	15002	\$18.99	15002C	\$22.02
3/16	3/16	1"	4"	15020	\$17.98	15020C	\$21.72	15022	\$20.81	15022C	\$24.54
1/4	1/4	1-1/8	3"	15040	\$19.36	15040C	\$23.59	15042	\$22.78	15042C	\$26.88
1/4	1/4	1"	4"	15060	\$20.09	15060C	\$25.34	15062	\$24.10	15062C	\$29.46
1/4	1/4	1-1/2	4"	15080	\$20.50	15080C	\$25.85	15082	\$24.51	15082C	\$29.77
1/4	1/4	1-1/2	6"	15100	\$27.60	15100C	\$34.61	15102	\$31.00	15102C	\$37.90
5/16	5/16	1-1/8	3"	15120	\$26.27	15120C	\$31.42	15122	\$30.90	15122C	\$35.95
5/16	5/16	1-5/8	4"	15140	\$29.36	15140C	\$35.95	15142	\$35.33	15142C	\$41.92
5/16	5/16	1-1/2	6"	15160	\$43.57	15160C	\$52.63	15162	\$51.19	15162C	\$60.26
3/8	3/8	1-1/8	3"	15180	\$29.56	15180C	\$35.02	15182	\$34.81	15182C	\$40.27
3/8	3/8	1"	4"	15200	\$32.14	15200C	\$39.24	15202	\$39.24	15202C	\$46.35
3/8	3/8	2"	4"	15220	\$32.55	15220C	\$39.66	15222	\$39.76	15222C	\$46.87
3/8	3/8	1-1/2	6"	15240	\$45.53	15240C	\$56.55	15242	\$51.29	15242C	\$62.21
3/8	3/8	3"	6"	15260	\$47.28	15260C	\$58.20	15262	\$53.05	15262C	\$63.86
7/16	7/16	2"	4"	15280	\$47.69	15280C	\$56.03	15282	\$49.75	15282C	\$65.30
7/16	7/16	1-1/2	6"	15300	\$59.43	15300C	\$72.00	15302	\$68.29	15302C	\$80.86
7/16	7/16	3"	6"	15320	\$61.70	15320C	\$74.26	15322	\$71.79	15322C	\$84.36
1/2	1/2	1"	4"	15340	\$46.45	15340C	\$56.34	15342	\$53.66	15342C	\$63.55
1/2	1/2	1-1/2	4"	15360	\$47.28	15360C	\$57.17	15362	\$56.14	15362C	\$65.92
1/2	1/2	2"	4"	15380	\$48.10	15380C	\$57.99	15382	\$57.47	15382C	\$67.26
1/2	1/2	1-1/2	6"	15400	\$67.26	15400C	\$80.65	15402	\$75.71	15402C	\$89.92
1/2	1/2	3"	6"	15420	\$68.50	15420C	\$81.99	15422	\$83.53	15422C	\$97.75
9/16	9/16	3"	6"	15440	\$90.13	15440C	\$105.99	15442	\$105.99	15442C	\$121.75
5/8	5/8	2-1/2	5"	15460	\$95.38	15460C	\$112.99	15462	\$110.93	15462C	\$128.65
5/8	5/8	1-1/2	6"	15480	\$96.20	15480C	\$113.82	15482	\$111.76	15482C	\$129.37
5/8	5/8	3"	6"	15500	\$97.75	15500C	\$115.36	15502	\$113.30	15502C	\$131.02
3/4	3/4	2-1/2	5"	15520	\$144.20	15520C	\$164.80	15522	\$171.80	15522C	\$192.40
3/4	3/4	1-1/2	6"	15540	\$152.23	15540C	\$172.73	15542	\$179.84	15542C	\$200.44
3/4	3/4	3"	6"	15560	\$155.74	15560C	\$176.34	15562	\$183.34	15562C	\$203.94
1"	1"	2-1/2	5"	15580	\$248.23	15580C	\$275.22	15582	\$298.70	15582C	\$325.58
1"	1"	2"	6"	15600	\$256.26	15600C	\$283.15	15602	\$311.78	15602C	\$338.77
1"	1"	3"	6"	15620	\$260.28	15620C	\$287.27	15622	\$318.06	15622C	\$344.95
1"	1"	4"	6"	15640	\$279.03	15640C	\$305.91	15642	\$342.27	15642C	\$369.26
1"	1"	4"	7"	15660	\$351.95	15660C	\$388.31	15662	\$408.40	15662C	\$444.75
1"	1"	3"	8"	15680	\$408.81	15680C	\$444.96	15682	\$458.35	15682C	\$494.81

*Non-standard requirements are available upon request including length, chamfer and radius with different tolerances

Cutting Diameter +.000/-0.002

Shank Diameter -.0001/-0.0004

Length of Cut +.025/+0.50

Overall Length ±.050

