

Solid Carbide End Mill
Extra Long 2 Flute 30° Helix
ZrN Coated

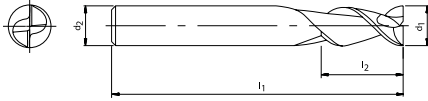


Design Specs

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

Application:

Cast Iron, Non-Ferrous Metals, Plastics and Abrasive Materials



d ₁ Diameter	d ₂ Shank	l ₂ LOC	l ₁ OAL	Square EDP#	Uncoated Price	Square EDP#	Coated Price	Ball EDP#	Uncoated Price	Ball EDP#	Coated Price
3/16	3/16	1-1/4	3"	11000	\$15.05	11000C	\$18.08	11002	\$18.99	11002C	\$22.02
3/16	3/16	1"	4"	11020	\$17.98	11020C	\$21.72	11022	\$20.81	11022C	\$24.54
1/4	1/4	1-1/8	3"	11040	\$19.36	11040C	\$23.59	11042	\$22.78	11042C	\$26.88
1/4	1/4	1"	4"	11060	\$20.09	11060C	\$25.34	11062	\$24.10	11062C	\$29.46
1/4	1/4	1-1/2	4"	11080	\$20.50	11080C	\$25.85	11082	\$24.51	11082C	\$29.77
1/4	1/4	1-1/2	6"	11100	\$27.60	11100C	\$34.61	11102	\$31.00	11102C	\$37.90
5/16	5/16	1-1/8	3"	11120	\$26.27	11120C	\$31.42	11122	\$30.90	11122C	\$35.95
5/16	5/16	1-5/8	4"	11140	\$29.36	11140C	\$35.95	11142	\$35.33	11142C	\$41.92
5/16	5/16	1-1/2	6"	11160	\$43.57	11160C	\$52.63	11162	\$51.19	11162C	\$60.26
3/8	3/8	1-1/8	3"	11180	\$29.56	11180C	\$35.02	11182	\$34.81	11182C	\$40.27
3/8	3/8	1"	4"	11200	\$32.14	11200C	\$39.24	11202	\$39.24	11202C	\$46.35
3/8	3/8	2"	4"	11220	\$32.55	11220C	\$39.66	11222	\$39.76	11222C	\$46.87
3/8	3/8	1-1/2	6"	11240	\$45.53	11240C	\$56.55	11242	\$51.29	11242C	\$62.21
3/8	3/8	3"	6"	11260	\$47.28	11260C	\$58.20	11262	\$53.05	11262C	\$63.86
7/16	7/16	2"	4"	11280	\$47.69	11280C	\$56.03	11282	\$49.75	11282C	\$65.30
7/16	7/16	1-1/2	6"	11300	\$59.43	11300C	\$72.00	11302	\$68.29	11302C	\$80.86
7/16	7/16	3"	6"	11320	\$61.70	11320C	\$74.26	11322	\$71.79	11322C	\$84.36
1/2	1/2	1"	4"	11340	\$46.45	11340C	\$56.34	11342	\$53.66	11342C	\$63.55
1/2	1/2	1-1/2	4"	11360	\$47.28	11360C	\$57.17	11362	\$56.14	11362C	\$65.92
1/2	1/2	2"	4"	11380	\$48.10	11380C	\$57.99	11382	\$57.47	11382C	\$67.26
1/2	1/2	1-1/2	6"	11400	\$67.26	11400C	\$80.65	11402	\$75.71	11402C	\$89.92
1/2	1/2	3"	6"	11420	\$68.50	11420C	\$81.99	11422	\$83.53	11422C	\$97.75
9/16	9/16	3"	6"	11440	\$90.13	11440C	\$105.99	11442	\$105.99	11442C	\$121.75
5/8	5/8	2-1/2	5"	11460	\$95.38	11460C	\$112.99	11462	\$110.93	11462C	\$128.65
5/8	5/8	1-1/2	6"	11480	\$96.20	11480C	\$113.82	11482	\$111.76	11482C	\$129.37
5/8	5/8	3"	6"	11500	\$97.75	11500C	\$115.36	11502	\$113.30	11502C	\$131.02
3/4	3/4	2-1/2	5"	11520	\$144.20	11520C	\$164.80	11522	\$171.80	11522C	\$192.40
3/4	3/4	1-1/2	6"	11540	\$152.23	11540C	\$172.73	11542	\$179.84	11542C	\$200.44
3/4	3/4	3"	6"	11560	\$155.74	11560C	\$176.34	11562	\$183.34	11562C	\$203.94
1"	1"	2-1/2	5"	11580	\$248.23	11580C	\$275.22	11582	\$298.70	11582C	\$325.58
1"	1"	2"	6"	11600	\$256.26	11600C	\$283.15	11602	\$311.78	11602C	\$338.77
1"	1"	3"	6"	11620	\$260.28	11620C	\$287.27	11622	\$318.06	11622C	\$344.95
1"	1"	4"	6"	11640	\$279.03	11640C	\$305.91	11642	\$342.27	11642C	\$369.26
1"	1"	4"	7"	11660	\$351.95	11660C	\$388.31	11662	\$408.40	11662C	\$444.75
1"	1"	3"	8"	11680	\$408.81	11680C	\$444.96	11682	\$458.35	11682C	\$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

