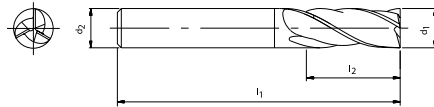


Solid Carbide End Mill 3 Flute 30° Helix ZrN Coated



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:

Outstanding performance in Aluminum, Brass alloys and Non-Ferrous Metals

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	5/8	2"	12000	\$9.09	12000C	\$11.11	12002	\$11.51	12002C	\$13.64
1/4	1/4	3/4	2-1/2	12020	\$11.02	12020C	\$15.14	12022	\$14.11	12022C	\$18.33
5/16	5/16	13/16	2-1/2	12040	\$16.89	12040C	\$21.94	12042	\$21.53	12042C	\$26.57
3/8	3/8	1"	2-1/2	12060	\$20.09	12060C	\$25.54	12062	\$25.65	12062C	\$31.11
7/16	7/16	1"	2-3/4	12080	\$28.43	12080C	\$35.64	12082	\$36.36	12082C	\$43.47
1/2	1/2	1"	3"	12100	\$33.17	12100C	\$40.38	12102	\$41.92	12102C	\$49.23
5/8	5/8	1-1/2	3-1/2	12120	\$63.14	12120C	\$74.37	12122	\$78.90	12122C	\$90.23
3/4	3/4	1-1/2	4"	12140	\$88.17	12140C	\$101.46	12142	\$110.21	12142C	\$123.50
1"	1"	1-1/2	4"	12160	\$145.13	12160C	\$164.29	12162	\$181.28	12162C	\$200.23

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

** ZrN Coated - Other upon request

Cutting Diameter +.000/-0.002

Shank Diameter -.0001/-0.0004

Length of Cut +.025/+0.50

Overall Length ± .050