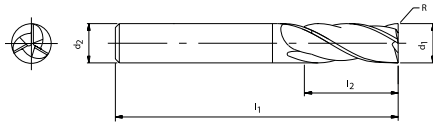


**Solid Carbide End Mill Finisher
4 Flute 45° Helix**



Design Specs

- Standard performance carbide end mill
- 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	.010	.020	.030	.060	.090	.125	Uncoated Price	Ball EDP#	Uncoated Price
3/16	3/16	3/8	2"	22000	\$13.60	22002						\$16.32		\$16.32
3/16	3/16	5/8	2"	22020	\$13.91	22022						\$16.69		\$16.69
1/4	1/4	3/8	2-1/2	22040	\$19.64		22044	22046	22048			\$23.57		\$23.57
1/4	1/4	1/2	2"	22060	\$18.69		22064	22066	22068			\$22.43		\$22.43
1/4	1/4	1"	2-1/2	22080	\$23.52		22084	22086	22088			\$28.22		\$28.22
1/4	1/4	2"	4"	22100	\$39.48		22104	22106	22108			\$47.38		\$47.38
5/16	5/16	1/2	2-1/2	22120	\$25.52		22124	22126				\$30.62		\$30.62
5/16	5/16	3/4	2-1/2	22140	\$26.04		22144	22146				\$31.25		\$31.25
5/16	5/16	1-3/8	3"	22160	\$40.74		22164	22166				\$48.89		\$48.89
3/8	3/8	5/8	2-1/2	22180	\$27.62		22184	22186	22188			\$33.14		\$33.14
3/8	3/8	3/4	2-1/2	22200	\$28.56		22204	22206	22208			\$34.27		\$34.27
3/8	3/8	1-1/8	2-1/2	22220	\$32.34		22224	22226	22228			\$38.81		\$38.81
3/8	3/8	2"	4"	22240	\$47.04		22244	22246	22248			\$56.45		\$56.45
1/2	1/2	3/4	3"	22260	\$46.31		22264	22266	22268			\$55.57		\$55.57
1/2	1/2	1-1/4	3"	22280	\$48.83		22284	22286	22288			\$58.60		\$58.60
1/2	1/2	2"	4"	22300	\$72.45		22304	22306	22308			\$86.94		\$86.94
5/8	5/8	1-3/4	3-1/2	22320	\$91.98			22326	22328	22330	22332	\$110.38	22334	\$110.38
5/8	5/8	3"	6"	22340	\$142.07			22346	22348	22350	22352	\$170.48	22354	\$170.48
3/4	3/4	1-3/4	4"	22360	\$122.75				22368	22370	22372	\$147.30	22374	\$147.30
3/4	3/4	3"	6"	22380	\$199.29				22388	22390	22392	\$239.15	22394	\$239.15
1"	1"	1-7/8	4"	22400	\$205.28				22408	22410	22412	\$246.34	22414	\$246.34
1"	1"	3"	6"	22420	\$318.15				22428	22430	22432	\$381.78	22434	\$381.78

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

Extended Neck Reach

Diameter	Shank	LOC	OAL	LBS	Neck	Square EDP#	Uncoated Price	Radius EDP#	Uncoated Price	Ball EDP#	Uncoated Price
3/8	3/8	1/2	4"	2-1/8	.355	22500	\$57.16	22502	\$62.16	22512	\$62.16
3/8	3/8	1/2	6"	3-3/8	.355	22520	\$75.75	22522	\$80.75	22532	\$80.75
1/2	1/2	5/8	4"	2-1/4	.475	22540	\$87.82	22542	\$92.82	22552	\$92.82
1/2	1/2	5/8	6"	3-3/8	.475	22560	\$117.64	22562	\$122.64	22572	\$122.64
1/2	1/2	5/8	8"	4-1/2	.475	22580	\$149.14	22582	\$154.14	22592	\$154.14
5/8	5/8	3/4	4"	2-3/8	.593	22600	\$132.03	22602	\$137.03	22612	\$137.03
5/8	5/8	3/4	6"	3-3/8	.593	22620	\$175.39	22622	\$180.39	22632	\$180.39
5/8	5/8	3/4	8"	4-1/2	.593	22640	\$226.21	22642	\$231.21	22652	\$231.21
3/4	3/4	1"	6"	3-3/8	.712	22660	\$253.41	22662	\$258.41	22672	\$258.41
3/4	3/4	1"	8"	4-1/2	.712	22680	\$322.08	22682	\$327.08	22692	\$327.08
3/4	3/4	1"	12"	7"	.712	22700	\$432.43	22702	\$437.43	22612	\$437.43
1"	1"	1-1/4	6"	3-3/8	.950	22720	\$396.94	22722	\$401.94	22632	\$401.94
1"	1"	1-1/4	8"	4-1/2	.950	22740	\$507.61	22742	\$512.61	22652	\$512.61
1"	1"	1-1/4	12"	7"	.950	22760	\$703.75	22762	\$708.75	22672	\$708.75

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

