

End Mills Cont.

4 Flute Single End - Right Hand Cut - Non-Center Cutting - Stub Length - HSS



Number of Flutes				4
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.
0.1250	2.3125	0.3750	0.3750	0306052
0.1719	2.375	0.5000	0.3750	0306053
0.1875	2.375	0.5000	0.3750	0306054
0.2031	2.4375	0.5625	0.3750	0306055
0.2188	2.4375	0.5625	0.3750	0306056
0.2344	2.4375	0.6250	0.3750	0306057
0.2500	2.4375	0.6250	0.3750	0306058
0.2656	2.500	0.6875	0.3750	0306059
0.2812	2.500	0.6875	0.3750	0306060
0.2969	2.500	0.7500	0.3750	0306061
0.3125	2.500	0.7500	0.3750	0306062
0.3281	2.500	0.7500	0.3750	0306063
0.3750	2.500	0.7500	0.3750	0306064
0.3750	3.750	1.3750	0.3750	0306074
0.4062	2.6875	1.0000	0.3750	0306065
0.4375	2.6875	1.0000	0.3750	0306066
0.4688	3.250	1.2500	0.5000	0306067
0.5000	2.6875	0.3750	0.3750	0306068
0.5000	3.250	1.2500	0.5000	0306069
0.5313	3.750	1.3750	0.5000	0306070
0.5625	3.750	1.3750	0.5000	0306071
0.5938	3.750	1.3750	0.5000	0306072
0.6250	3.750	1.3750	0.5000	0306073
0.6875	3.750	1.6250	0.6250	0306075
0.7500	3.625	1.6250	0.5000	0306076
0.7500	3.750	1.6250	0.6250	0306077
0.7500	3.875	1.3750	0.7500	0306078
0.8750	4.125	1.8750	0.7500	0306079
0.8750	4.125	1.8750	0.8750	0306080
0.9375	4.125	1.8750	0.7500	0306081
1.0000	4.000	1.8750	0.6250	0306082
1.0000	4.125	1.8750	0.7500	0306083
1.0000	4.125	1.8750	1.0000	0306084

2 Flute Double End - Right Hand Cut - Center Cutting - HSS



Number of Flutes				2
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.
0.1250	3.0625	0.3750	0.3750	0306031
0.1562	3.125	0.4375	0.3750	0306032
0.1875	3.125	0.4375	0.3750	0306033
0.2188	3.125	0.5000	0.3750	0306034
0.2500	3.125	0.5000	0.3750	0306035
0.2812	3.125	0.5625	0.3750	0306036
0.3125	3.125	0.5625	0.3750	0306037
0.3438	3.125	0.5625	0.3750	0306038
0.3750	3.125	0.5625	0.3750	0306039
0.4062	3.750	0.8125	0.5000	0306040
0.4375	3.750	1.1875	0.5000	0306041
0.4688	3.750	0.8125	0.5000	0306042
0.5000	3.750	1.1875	0.5000	0306043
0.5625	4.500	1.1250	0.3750	0306044
0.6250	4.500	1.1250	0.6250	0306045
0.6875	5.625	1.3125	0.7500	0306046
0.7500	3.000	1.1875	0.7500	0306047
0.8125	6.125	1.5625	0.8750	0306048
0.8750	6.125	1.5625	0.8750	0306049
0.9375	6.375	1.6250	1.0000	0306050
1.0000	6.375	1.6250	1.0000	0306051

4 Flute Double End - Right Hand Cut - Non-Center Cutting

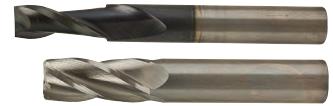


Number of Flutes				4
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.
0.1250	3.0625	0.3750	0.3750	0306012
0.1562	3.125	0.4375	0.3750	0306013
0.1875	3.250	0.5000	0.3750	0306014
0.2188	3.250	0.5625	0.3750	0306015
0.2500	3.750	0.3750	0.3750	0306016
0.2812	3.750	0.6875	0.3750	0306017
0.3125	3.500	0.7500	0.3750	0306018
0.3438	3.500	0.7500	0.3750	0306019
0.3750	3.500	0.7500	0.3750	0306020
0.4062	4.125	1.0000	0.5000	0306021
0.4375	4.125	1.0000	0.5000	0306022
0.4688	4.125	1.0000	0.5000	0306023
0.5000	4.125	1.0000	0.5000	0306024
0.5625	5.000	1.3750	0.6250	0306025
0.6250	3.000	1.3750	0.6250	0306026
0.6875	5.625	1.6250	0.7500	0306027
0.7500	3.750	1.3750	0.7500	0306028
0.8125	6.125	1.8750	0.8750	0306029
0.8750	6.125	1.8750	0.8750	0306030

2 & 4 Flute Single End Square End Carbide End Mills

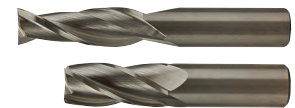


- 10% Cobalt
- Submicrograin Carbide
- 30° Helix Angle
- Center Cutting
- Square End
- Tolerances: +.000/-0.0025



Number of Flutes				2		4	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	AITIN		Bright	
				Part No.	Part No.	Part No.	Part No.
0.0310	1.500	0.1250	0.1250	0322550	0321344	0322680	0321765
0.0630	1.500	0.2500	0.1250	0322552	0321346	0322682	0321767
0.0938	1.500	0.3750	0.1250	0322554	0321348	0322684	0321769
0.1250	1.500	0.5000	0.1250	0322556	0321350	0322686	0321771
0.1562	2.000	0.5625	0.1875	0322558	0321352	0322688	-
0.1875	2.000	0.6250	0.1875	0322560	0321354	0322690	0321775
0.1875	2.500	0.6250	0.2500	-	0321356	-	-
0.2188	2.500	0.6250	0.2500	0322562	-	0322692	0321777
0.2500	2.500	0.7500	0.2500	0322564	0321358	0322694	0321779
0.2812	2.500	0.7500	0.3125	0322566	0321360	0322696	0321781
0.3125	2.500	0.8125	0.3125	0322568	0321362	0322698	0321783
0.3438	2.500	1.0000	0.3750	0322570	0321364	0322700	0321785
0.3750	2.500	1.0000	0.3750	0322572	0321366	0322702	0321787
0.4375	2.500	1.0000	0.4375	0322573	0321367	0322703	-
0.4375	2.750	1.0000	0.4375	-	-	-	0321788
0.5000	3.000	1.0000	0.5000	0322574	0321368	0322704	0321789
0.5625	3.500	1.2500	0.5625	0322575	0321369	0322705	0321790
0.6250	3.500	1.2500	0.6250	0322576	0321370	0322706	0321791
0.6875	4.000	1.5000	0.7500	0322577	0321371	0322707	0321792
0.7500	4.000	1.5000	0.7500	0322578	0321372	0322708	0321793
0.8750	4.000	1.5000	0.8750	0322579	-	0322709	0321794
1.0000	4.000	1.5000	1.0000	0322580	0321374	0322710	-

2 & 4 Flute Long Length Single End Square End Carbide End Mills



Number of Flutes				2	4
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Bright	
				Part No.	Part No.
0.1250	2.250	0.7500	0.1250	0321407	0321828
0.1562	2.250	0.7500	0.1875	0321408	0321829
0.1875	2.500	0.7500	0.1875	0321409	0321830
0.2500	3.000	1.1250	0.2500	0321410	0321831
0.3125	3.000	1.1250	0.3125	0321411	0321832
0.3750	3.000	1.1250	0.3750	0321412	0321833
0.4375	4.000	2.0000	0.4375	0321413	0321834
0.5000	4.000	2.0000	0.5000	0321414	0321835
0.6250	5.000	2.2500	0.6250	0321415	0321836
0.7500	5.000	2.2500	0.7500	0321416	0321837
1.0000	5.000	2.2500	1.0000	-	0321838

CUTTING TOOLS & METALWORKING