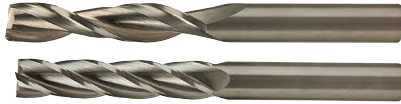


End Mills Cont.

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



Number of Flutes				2	4
Finish				Bright	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.	Part No.
0.1250	3.000	1.0000	0.1250	0321418	0321839
0.1562	3.000	1.1250	0.1875	0321419	0321840
0.1875	3.000	1.1250	0.1875	0321420	0321841
0.2500	4.000	1.5000	0.2500	0321421	0321842
0.2656	6.000	3.0000	0.4375	0321424	-
0.3125	4.000	1.6250	0.3125	0321422	0321843
0.3750	4.000	1.7500	0.3750	0321423	0321844
0.4375	6.000	3.0000	0.4375	-	0321845
0.5000	6.000	3.0000	0.5000	0321425	0321846
0.7500	6.000	3.0000	0.7500	0321427	0321848

2 & 4 Flute Ball End Regular Length Single End Carbide End Mills

- 10% Cobalt
- Submicrograin Carbide
- 30° Helix Angle
- Center Cutting
- Tolerances: +.000/- .0025



Number of Flutes				2		4	
Finish				A1TIN		Bright	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.	Part No.	Part No.	Part No.
0.0310	1.500	0.1250	0.1250	0322582	0321454	0322652	0321660
0.0630	1.500	0.1250	0.1250	-	0321456	-	0321662
0.0630	1.500	0.2500	0.1250	0322584	-	0322654	-
0.0938	1.500	0.3750	0.1250	0322586	-	0322656	0321664
0.1250	1.500	0.1250	0.1250	-	0321460	-	0321666
0.1250	1.500	0.5000	0.1250	0322588	-	0322658	-
0.1562	2.000	0.1875	0.1875	-	0321462	-	0321668
0.1562	2.000	0.5625	0.1875	0322590	-	0322660	-
0.1875	2.000	0.1875	0.1875	-	0321464	-	-
0.1875	2.000	0.6250	0.1875	0322592	-	0322662	0321670
0.2188	2.500	0.2500	0.2500	-	0321466	-	0321672
0.2188	2.500	0.6250	0.2500	0322594	-	0322664	-
0.2500	2.500	0.2500	0.2500	-	0321468	-	0321674
0.2500	2.500	0.7500	0.2500	0322596	-	0322666	-
0.2812	2.500	0.7500	0.3125	0322597	-	0322667	-
0.3125	2.500	0.3125	0.3125	-	0321470	-	-
0.3125	2.500	0.8125	0.3125	0322598	-	0322668	0321676
0.3438	2.500	1.0000	0.3750	0322599	-	0322669	-
0.3750	2.500	0.3750	0.3750	-	0321472	-	0321678
0.3750	2.500	1.0000	0.3750	0322600	-	0322670	-
0.4375	2.500	1.0000	0.4375	0322601	-	0322671	-
0.4375	2.750	0.4375	0.4375	-	-	-	0321679
0.5000	3.000	0.5000	0.5000	-	0321474	-	0321680
0.5000	3.000	1.0000	0.5000	0322602	-	0322672	-
0.5625	3.500	0.5625	0.5625	-	0321475	-	-
0.5625	3.500	1.2500	0.5625	0322603	-	0322673	0321681
0.6250	3.500	0.6250	0.6250	-	0321476	-	0321682
0.6250	3.500	1.2500	0.6250	0322604	-	0322674	-
0.6875	4.000	1.5000	0.7500	0322605	-	0322675	-
0.7500	4.000	0.7500	0.7500	-	0321478	-	-
0.7500	4.000	1.5000	0.7500	0322606	-	0322676	0321684
0.8750	4.000	0.8750	0.8750	-	0321479	-	-
0.8750	4.000	1.5000	0.8750	0322607	-	0322677	-
1.0000	4.000	1.0000	1.0000	-	0321480	-	-
1.0000	4.000	1.5000	1.0000	0322608	-	0322678	0321686

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



Number of Flutes				2	4
Finish				Bright	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.	Part No.
0.1250	2.250	0.7500	0.1250	0321509	0321715
0.1875	2.500	0.7500	0.1875	0321511	0321717
0.2500	3.000	1.1250	0.2500	0321512	0321718
0.3125	3.000	1.1250	0.3125	0321513	0321719
0.3750	3.000	1.1250	0.3750	0321514	0321720
0.4375	4.000	2.0000	0.4375	0321515	0321721
0.5000	4.000	2.0000	0.5000	0321516	0321722
0.6250	5.000	2.2500	0.6250	0321517	0321723
0.7500	5.000	2.2500	0.7500	0321518	0321724
1.0000	5.000	2.2500	1.0000	0321519	0321725

2 & 4 Flute Ball End Extra Long Length Single End Carbide End Mills



Number of Flutes				2	4
Finish				Bright	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.	Part No.
0.1250	3.000	1.0000	0.1250	0321520	0321726
0.1875	3.000	1.1250	0.1875	0321522	0321728
0.2500	4.000	1.5000	0.2500	0321523	0321729
0.3125	4.000	1.6250	0.3125	0321524	0321730
0.3750	4.000	1.7500	0.3750	0321525	0321731
0.4375	6.000	3.0000	0.4375	0321526	0321732
0.5000	6.000	3.0000	0.5000	0321527	0321733
0.6250	6.000	3.0000	0.6250	0321528	0321734
0.7500	6.000	3.0000	0.7500	0321529	0321735
1.0000	6.000	3.0000	1.0000	-	0321736

Stub Length End Mills Double End, 2 Flute Square End Carbide End Mills



Number of Flutes				2		4	
Finish				A1TIN		Bright	
Effective Cutting Diameter (in)	Overall Length (in)	Max Depth of Cut (in)	Shank Diameter (in)	Part No.	Part No.	Part No.	Part No.
0.0630	1.500	0.1250	0.1250	0322611	0321533	0322713	0321879
0.0938	1.500	0.1875	0.1250	0322613	0321535	0322715	0321881
0.1250	1.500	0.2500	0.1250	0322615	0321537	0322717	0321883
0.1562	2.000	0.3125	0.1875	0322617	0321539	0322719	0321885
0.1875	2.000	0.3750	0.1875	0322619	0321541	0322721	0321887
0.2188	2.500	0.5000	0.2500	0322621	0321543	0322723	0321889
0.2500	2.500	0.5000	0.2500	0322623	0321545	0322725	0321891
0.3125	2.500	0.5000	0.3125	0322625	0321547	0322727	0321893
0.3750	2.500	0.5625	0.3750	0322627	0321549	0322729	0321895
0.4375	2.500	0.6250	0.4375	0322628	-	0322730	0321896
0.4375	2.750	0.6250	0.4375	-	0321550	-	-
0.5000	3.000	0.1250	0.5000	0322629	-	-	-
0.5000	3.000	0.6250	0.5000	-	0321551	0322731	0321897



Fastenal's in-house A2LA accredited lab is equipped to provide our customers with complete mechanical and chemical fastener analysis.