



Style: HG-2 - Single End

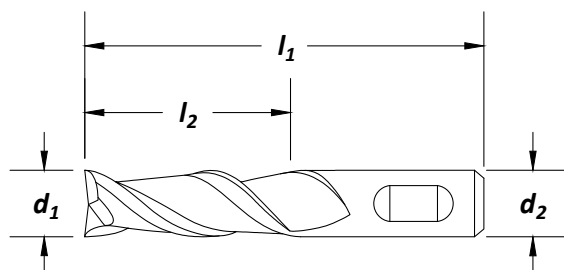
Finisher

ANSI SIZES

HSS



Surface Treatment



cutting diameter d_1	decimal equiv.	shank dia d_2 (in)	length of cut l_2 (in)	overall length l_1 (in)	no. of flutes	order number		
						Bright	TiN	TiCN
1/8	.1250	.375	.375	2.313	2	C41602	C41550	C33803
5/32	.1562	.375	.438	2.375	2	C33730	C33754	C33804
11/64	.1719	.375	.438	2.375	2	C33731	C33755	C33805
3/16	.1875	.375	.281	2.188	2	C75183	C75217	C75251
3/16	.1875	.375	.438	2.375	2	C41604	C41551	C33806
3/16	.1875	.375	1.250	3.063	2	C39064	C39078	C39107
13/64	.2031	.375	.500	2.438	2	C33732	C33756	C33807
7/32	.2188	.375	.500	2.438	2	C33733	C33757	C33808
7/32	.2188	.375	1.250	3.063	2	C39065	C39079	C39108
15/64	.2344	.375	.500	2.438	2	C33734	C33758	C33809
1/4	.2500	.375	.500	2.438	2	C41607	C41552	C33810
1/4	.2500	.375	1.250	3.063	2	C39066	C39080	C39109
17/64	.2656	.375	.563	2.500	2	C33735	C33759	C33811
9/32	.2812	.375	.563	2.500	2	C33736	C33760	C33812
9/32	.2812	.375	1.375	3.125	2	C39067	C39081	C39110
19/64	.2969	.375	.563	2.500	2	C33737	C33761	C33813
5/16	.3125	.375	.563	2.500	2	C41609	C41553	C33814
5/16	.3125	.375	1.375	3.125	2	C39068	C39082	C39111
21/64	.3281	.375	.563	2.500	2	C33738	C33762	C33815
11/32	.3438	.375	.563	2.500	2	C33739	C33763	C33816
11/32	.3438	.375	1.500	3.250	2	C39069	C39083	C39112
23/64	.3594	.375	.563	2.500	2	C33740	C33764	C33817
3/8	.3750	.375	.563	2.500	2	C41612	C41554	C33818
3/8	.3750	.375	1.000	2.750	2	C75184	C75218	C75252
3/8	.3750	.375	1.500	3.250	2	C41714	C39084	C39113
25/64	.3906	.375	.813	2.688	2	C33741	C33765	C33819
13/32	.4062	.375	.813	2.688	2	C33742	C33766	C33820
13/32	.4062	.500	1.750	3.750	2	C39070	C39085	C39114
27/64	.4219	.375	.813	2.688	2	C33743	C33767	C33821
7/16	.4375	.375	.813	2.688	2	C41615	C33768	C33822
7/16	.4375	.500	1.750	3.750	2	C39071	C39086	C39115
29/64	.4531	.375	.813	2.688	2	C75185	C75219	C75253
29/64	.4531	.500	.813	3.250	2	C33744	C33769	C33823

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Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
TiN	★		★					★					
TiCN	★		★					★		★			

★ = Best Performance ★ = Acceptable



High Speed Steel

Center Cutting

cutting diameter d ₁	decimal equiv.	shank dia d ₂ (in)	length of cut l ₂ (in)	overall length l ₁ (in)	no. of flutes	order number		
						Bright	HG-2 TiN	TiCN
15/32	.4688	.375	.813	2.688	2	C75186	C75220	C75254
15/32	.4688	.500	.813	3.250	2	C33745	C33770	C33824
15/32	.4688	.500	2.000	4.000	2	C39072	C39087	C39116
31/64	.4844	.375	.813	2.688	2	C75187	C75221	C75255
31/64	.4844	.500	.813	3.250	2	C33746	C33771	C33825
1/2	.5000	.375	.813	2.688	2	C41617	C33772	C33826
1/2	.5000	.500	1.000	3.250	2	C41618	C41555	C33827
1/2	.5000	.500	1.500	3.500	2	C75188	C75222	C75256
1/2	.5000	.500	2.000	4.000	2	C41718	C39088	C39117
33/64	.5156	.500	1.000	3.250	2	C75189	C75223	C75257
33/64	.5156	.500	1.125	3.375	2	C33747	C33773	C33828
17/32	.5312	.500	1.125	3.375	2	C33748	C33774	C33829
17/32	.5312	.625	2.000	4.125	2	C39073	C39089	C39118
35/64	.5469	.500	1.125	3.375	2	C33749	C33775	C33830
9/16	.5625	.500	1.125	3.375	2	C41620	C33776	C33831
9/16	.5625	.625	2.000	4.125	2	C39074	C39090	C39119
37/64	.5781	.500	1.125	3.375	2	C33750	C33777	C33832
19/32	.5938	.500	1.125	3.375	2	C33751	C33778	C33833
39/64	.6094	.500	1.125	3.375	2	C33752	C33779	C33834
5/8	.6250	.500	.625	2.750	2	C75190	C75224	C75258
5/8	.6250	.500	1.125	3.375	2	C41622	C33780	C33835
5/8	.6250	.625	1.313	3.750	2	C41623	C41556	C33836
5/8	.6250	.625	1.625	3.750	2	C75191	C75225	C75259
5/8	.6250	.625	2.000	4.125	2	C41721	C39091	C39120
41/64	.6406	.625	1.313	3.750	2	C75192	C75226	C75260
21/32	.6563	.625	1.313	3.750	2	C75193	C75227	C75261
11/16	.6875	.500	1.313	3.625	2	C41625	C33781	C33837
11/16	.6875	.625	1.313	3.750	2	C41626	C33782	C33838
11/16	.6875	.750	2.250	4.500	2	C39075	C39092	C39121
23/32	.7188	.500	1.313	3.313	2	C75194	C75228	C75262
23/32	.7188	.750	1.313	3.875	2	C75195	C75229	C75263
47/64	.7344	.750	1.313	3.875	2	C75196	C75230	C75264
3/4	.7500	.500	1.313	3.625	2	C41628	C33783	C33839
3/4	.7500	.625	1.313	3.750	2	C41629	C33784	C33840
3/4	.7500	.750	.750	3.000	2	C75197	C75231	C75265
3/4	.7500	.750	1.313	3.875	2	C41630	C41557	C33841
3/4	.7500	.750	1.750	4.000	2	C75198	C75232	C75266
3/4	.7500	.750	2.250	4.500	2	C41724	C39093	C39122
25/32	.7813	.750	1.500	4.250	2	C75199	C75233	C75267
13/16	.8125	.625	1.500	4.000	2	C41632	C33785	C38900
13/16	.8125	.750	1.500	4.125	2	C75200	C75234	C75268
13/16	.8125	.875	2.500	4.750	2	C39076	C39094	C39123
27/32	.8438	.875	1.500	4.250	2	C75201	C75235	C75269
7/8	.8750	.625	1.500	4.000	2	C41635	C33786	C38901
7/8	.8750	.750	1.500	4.125	2	C41636	C33787	C38902
7/8	.8750	.875	1.500	4.125	2	C41637	C33788	C38903
7/8	.8750	.875	2.000	4.250	2	C75202	C75236	C75270
7/8	.8750	.875	2.500	4.750	2	C41728	C39095	C39124
29/32	.9063	.875	1.500	4.125	2	C75203	C75237	C75271
15/16	.9375	.625	1.500	4.000	2	C75204	C75238	C75272
15/16	.9375	.750	1.500	4.125	2	C75205	C75239	C75273
15/16	.9375	.875	1.500	4.125	2	C33753	C33789	C38904
15/16	.9375	1.000	3.000	5.500	2	C39077	C39096	C39125
31/32	.9688	1.000	1.625	4.500	2	C75206	C75240	C75274

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High Speed Steel

Center Cutting



Style: **HG-2 - Single End** (continued)

Finisher

cutting diameter	decimal equiv.	shank dia d ₂ (in)	length of cut l ₂ (in)	overall length l ₁ (in)	no. of flutes	order number		
						Bright	HG-2 TiN	TiCN
1	1.0000	.500	1.500	3.500	2	C75207	C75241	C75275
1	1.0000	.625	1.500	4.000	2	C41641	C33790	C38905
1	1.0000	.750	1.500	4.125	2	C41642	C33791	C38906
1	1.0000	.875	1.500	4.125	2	C41643	C33792	C38907
1	1.0000	1.000	1.625	4.500	2	C41644	C41558	C38908
1	1.0000	1.000	2.250	4.750	2	C75208	C75242	C75276
1	1.0000	1.000	3.000	5.500	2	C41732	C39097	C39126
1-1/8	1.1250	.750	1.500	3.875	2	C75209	C75243	C75277
1-1/8	1.1250	.875	1.625	4.125	2	C41647	C33793	C38909
1-1/8	1.1250	1.000	1.625	4.500	2	C41648	C33794	C38910
1-1/8	1.1250	1.000	3.000	5.500	2	C41735	—	—
1-1/4	1.2500	.750	1.500	3.875	2	C75210	C75244	C75278
1-1/4	1.2500	.875	1.625	4.125	2	C41650	C33795	C38911
1-1/4	1.2500	1.000	1.625	4.500	2	C41651	C33796	C38912
1-1/4	1.2500	1.250	1.625	4.500	2	C41652	C33797	C38913
1-1/4	1.2500	1.000	3.000	5.500	2	C41737	C39099	C39128
1-1/4	1.2500	1.250	3.000	5.500	2	C41738	C39100	C39129
1-3/8	1.3750	.750	1.500	3.875	2	C75212	C75246	C75280
1-3/8	1.3750	1.000	1.625	4.500	2	C41655	C33798	C38914
1-3/8	1.3750	1.000	3.000	5.500	2	C41741	C39101	C39130
1-1/2	1.5000	1.000	1.625	4.500	2	C41659	C33799	C38915
1-1/2	1.5000	1.250	1.625	4.500	2	C41660	C33800	C38916
1-5/8	1.6250	1.250	1.625	4.500	2	C75213	C75247	C75281
1-5/8	1.6250	1.250	3.000	5.500	2	C41747	C39103	C39132
1-3/4	1.7500	.750	1.500	3.875	2	C75214	C75248	C75282
1-3/4	1.7500	1.250	1.625	4.500	2	C41662	C33801	C38917
1-7/8	1.8750	1.250	1.625	4.500	2	C75215	C75249	C75283
2	2.0000	.750	1.500	3.875	2	C75216	C75250	C75284
2	2.0000	1.250	1.625	4.500	2	C41665	C33802	C38918

High Speed Steel

Center Cutting

Material Reference	Steel (HRC)		Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon	Alloy	Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series				
TiN	◆		◆				◆				
TiCN	☆		☆				☆	◆			

☆ = Best Performance ◆ = Acceptable

