

# General Application End Mills Single End Finishers

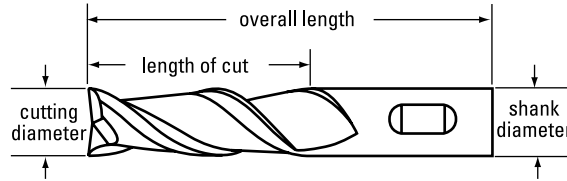
## Style HG-2 • HSS, Single End, 2-Flute, Center Cutting formerly styles 685, 696

### FEATURES

<b>ANSI SIZES</b>	<b>HSS SUBSTRATE</b>
<b>GENERAL PURPOSE</b>	<b>BRIGHT</b>
<b>2 FLUTE CC</b>	<b>TiN</b>
<b>30°</b>	<b>TiCN</b>

### APPLICATIONS

<b>ALLOY STEEL</b>
<b>TOOL STEEL</b>
<b>CARBON STEEL</b>
<b>CAST IRON</b>



Style HG-2 Bright



Style HG-2 TiN-coated



Style HG-2 TiCN-coated

Cutting Diameter	Decimal Equiv.	Metric Equiv.	Shank Diameter		Length of Cut		Overall Length		No. of Flutes	Order Number		
			in	mm	in	mm	in	mm		Bright	TiN	TiCN
1/8	.1250	3.18	.375	9.53	.375	9.53	2.313	58.74	2	C41602	C41550	C33803
5/32	.1562	3.97	.375	9.53	.438	11.11	2.375	60.33	2	C33730	C33754	C33804
11/64	.1719	4.37	.375	9.53	.438	11.11	2.375	60.33	2	C33731	C33755	C33805
3/16	.1875	4.76	.375	9.53	.438	11.11	2.375	60.33	2	C41604	C41551	C33806
3/16	.1875	4.76	.375	9.53	1.250	31.75	3.063	77.79	2	C39064	C39078	C39107
13/64	.2031	5.16	.375	9.53	.500	12.70	2.438	61.91	2	C33732	C33756	C33807
7/32	.2188	5.56	.375	9.53	.500	12.70	2.438	61.91	2	C33733	C33757	C33808
7/32	.2188	5.56	.375	9.53	1.250	31.75	3.063	77.79	2	C39065	C39079	C39108
15/64	.2344	5.95	.375	9.53	.500	12.70	2.438	61.91	2	C33734	C33758	C33809
1/4	.2500	6.35	.375	9.53	.500	12.70	2.438	61.91	2	C41607	C41552	C33810
1/4	.2500	6.35	.375	9.53	1.250	31.75	3.063	77.79	2	C39066	C39080	C39109
17/64	.2656	6.75	.375	9.53	.563	14.29	2.500	63.50	2	C33735	C33759	C33811
9/32	.2812	7.14	.375	9.53	.563	14.29	2.500	63.50	2	C33736	C33760	C33812
9/32	.2812	7.14	.375	9.53	1.375	34.93	3.125	79.38	2	C39067	C39081	C39110
19/64	.2969	7.54	.375	9.53	.563	14.29	2.500	63.50	2	C33737	C33761	C33813
5/16	.3125	7.94	.375	9.53	.563	14.29	2.500	63.50	2	C41609	C41553	C33814
5/16	.3125	7.94	.375	9.53	1.375	34.93	3.125	79.38	2	C39068	C39082	C39111
21/64	.3281	8.33	.375	9.53	.563	14.29	2.500	63.50	2	C33738	C33762	C33815
11/32	.3438	8.73	.375	9.53	.563	14.29	2.500	63.50	2	C33739	C33763	C33816
11/32	.3438	8.73	.375	9.53	1.500	38.10	3.250	82.55	2	C39069	C39083	C39112
23/64	.3594	9.13	.375	9.53	.563	14.29	2.500	63.50	2	C33740	C33764	C33817
3/8	.3750	9.53	.375	9.53	.563	14.29	2.500	63.50	2	C41612	C41554	C33818
3/8	.3750	9.53	.375	9.53	1.500	38.10	3.250	82.55	2	C41714	C39084	C39113
25/64	.3906	9.92	.375	9.53	.813	20.64	2.688	68.26	2	C33741	C33765	C33819
13/32	.4062	10.32	.375	9.53	.813	20.64	2.688	68.26	2	C33742	C33766	C33820
13/32	.4062	10.32	.500	12.70	1.750	44.45	3.250	82.55	2	C39070	C39085	C39114
27/64	.4219	10.72	.375	9.53	.813	20.64	2.688	68.26	2	C33743	C33767	C33821
7/16	.4375	11.11	.375	9.53	.813	20.64	2.688	68.26	2	C41615	C33768	C33822
7/16	.4375	11.11	.500	12.70	1.750	44.45	3.250	82.55	2	C39071	C39086	C39115
29/64	.4531	11.51	.500	12.70	.813	20.64	3.250	82.55	2	C33744	C33769	C33823
15/32	.4688	11.91	.500	12.70	.813	20.64	3.250	82.55	2	C33745	C33770	C33824
15/32	.4688	11.91	.500	12.70	2.000	50.80	4.000	101.60	2	C39072	C39087	C39116
31/64	.4844	12.30	.500	12.70	.813	20.64	3.250	82.55	2	C33746	C33771	C33825

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DRILLING

HOLE FINISHING

THREADING

MILLING

OTHER TOOLS

# General Application End Mills

## Single End Finishers

Style HG-2 • HSS, Single End, 2-Flute, Center Cutting (continued)

formerly styles 685, 696

Cutting Diameter	Decimal Equiv.	Metric Equiv.	Shank Diameter		Length of Cut		Overall Length		No. of Flutes	Order Number		
			in	mm	in	mm	in	mm		Bright	TiN	TiCN
1/2	.5000	12.70	.375	9.53	.813	20.64	2.688	68.26	2	C41617	C33772	C33826
1/2	.5000	12.70	.500	12.70	1.000	25.40	3.250	82.55	2	C41618	C41555	C33827
1/2	.5000	12.70	.500	12.70	2.000	50.80	4.000	101.60	2	C41718	C39088	C39117
33/64	.5156	13.10	.500	12.70	1.125	28.58	3.375	85.73	2	C33747	C33773	C33828
17/32	.5312	13.49	.500	12.70	1.125	28.58	3.375	85.73	2	C33748	C33774	C33829
17/32	.5312	13.49	.625	15.88	2.000	50.80	4.125	104.78	2	C39073	C39089	C39118
35/64	.5469	13.89	.500	12.70	1.125	28.58	3.375	85.73	2	C33749	C33775	C33830
9/16	.5625	14.29	.500	12.70	1.125	28.58	3.375	85.73	2	C41620	C33776	C33831
9/16	.5625	14.29	.625	15.88	2.000	50.80	4.125	104.78	2	C39074	C39090	C39119
37/64	.5781	14.68	.500	12.70	1.125	28.58	3.375	85.73	2	C33750	C33777	C33832
19/32	.5938	15.08	.500	12.70	1.125	28.58	3.375	85.73	2	C33751	C33778	C33833
39/64	.6094	15.48	.500	12.70	1.125	28.58	3.375	85.73	2	C33752	C33779	C33834
5/8	.6250	15.88	.500	12.70	1.125	28.58	3.375	85.73	2	C41622	C33780	C33835
5/8	.6250	15.88	.625	15.88	1.313	33.34	3.250	82.55	2	C41623	C41556	C33836
5/8	.6250	15.88	.625	15.88	2.000	50.80	4.125	104.78	2	C41721	C39091	C39120
11/16	.6875	17.46	.500	12.70	1.313	33.34	3.625	92.08	2	C41625	C33781	C33837
11/16	.6875	17.46	.625	15.88	1.313	33.34	3.250	82.55	2	C41626	C33782	C33838
11/16	.6875	17.46	.750	19.05	2.250	57.15	4.500	114.30	2	C39075	C39092	C39121
3/4	.7500	19.05	.500	12.70	1.313	33.34	3.250	82.55	2	C41628	C33783	C33839
3/4	.7500	19.05	.625	15.88	1.313	33.34	3.750	95.25	2	C41629	C33784	C33840
3/4	.7500	19.05	.750	19.05	1.313	33.34	3.625	92.08	2	C41630	C41557	C33841
3/4	.7500	19.05	.750	19.05	2.250	57.15	4.500	114.30	2	C41724	C39093	C39122
13/16	.8125	20.64	.625	15.88	1.500	38.10	4.000	101.60	2	C41632	C33785	C38900
13/16	.8125	20.64	.875	22.23	2.500	63.50	4.750	120.65	2	C39076	C39094	C39123
7/8	.8750	22.23	.625	15.88	1.500	38.10	4.125	104.78	2	C41635	C33786	C38901
7/8	.8750	22.23	.750	19.05	1.500	38.10	4.125	104.78	2	C41636	C33787	C38902
7/8	.8750	22.23	.875	22.23	1.500	38.10	4.000	101.60	2	C41637	C33788	C38903
7/8	.8750	22.23	.875	22.23	2.500	63.50	4.750	120.65	2	C41728	C39095	C39124
15/16	.9375	23.81	.875	22.23	1.500	38.10	4.125	104.78	2	C33753	C33789	C38904
15/16	.9375	23.81	1.000	25.40	3.000	76.20	5.500	139.70	2	C39077	C39096	C39125
1	1.0000	25.40	.625	15.88	1.500	38.10	4.125	104.78	2	C41641	C33790	C38905
1	1.0000	25.40	.750	19.05	1.500	38.10	4.000	101.60	2	C41642	C33791	C38906
1	1.0000	25.40	.875	22.23	1.500	38.10	4.125	104.78	2	C41643	C33792	C38907
1	1.0000	25.40	1.000	25.40	1.625	41.28	4.500	114.30	2	C41644	C41558	C38908
1	1.0000	25.40	1.000	25.40	3.000	76.20	5.500	139.70	2	C41732	C39097	C39126
1-1/8	1.1250	28.58	.875	22.23	1.625	41.28	4.125	104.78	2	C41647	C33793	C38909
1-1/8	1.1250	28.58	1.000	25.40	1.625	41.28	4.500	114.30	2	C41648	C33794	C38910
1-1/8	1.1250	28.58	1.000	25.40	3.000	76.20	5.500	139.70	2	C41735	C39098	C39127
1-1/4	1.2500	31.75	.875	22.23	1.625	41.28	4.125	104.78	2	C41650	C33795	C38911
1-1/4	1.2500	31.75	1.000	25.40	1.625	41.28	4.500	114.30	2	C41651	C33796	C38912
1-1/4	1.2500	31.75	1.250	31.75	1.625	41.28	4.500	114.30	2	C41652	C33797	C38913
1-1/4	1.2500	31.75	1.000	25.40	3.000	76.20	5.500	139.70	2	C41737	C39099	C39128
1-1/4	1.2500	31.75	1.250	31.75	3.000	76.20	6.500	165.10	2	C41738	C39100	C39129
1-3/8	1.3750	34.93	1.000	25.40	1.625	41.28	4.500	114.30	2	C41655	C33798	C38914
1-3/8	1.3750	34.93	1.000	25.40	3.000	76.20	5.500	139.70	2	C41741	C39101	C39130
1-1/2	1.5000	38.10	1.000	25.40	1.625	41.28	4.500	114.30	2	C41659	C33799	C38915
1-1/2	1.5000	38.10	1.250	31.75	1.625	41.28	4.500	114.30	2	C41660	C33800	C38916
1-1/2	1.5000	38.10	1.250	31.75	3.000	76.20	5.500	139.70	2	C41745	C39102	C39131
1-5/8	1.6250	41.28	1.250	31.75	3.000	76.20	5.500	139.70	2	C41747	C39103	C39132
1-3/4	1.7500	44.45	1.250	31.75	1.625	41.28	4.500	114.30	2	C41662	C33801	C38917
1-3/4	1.7500	44.45	1.250	31.75	3.000	76.20	5.500	139.70	2	C41748	C39104	C39133
1-7/8	1.8750	47.63	1.250	31.75	3.000	76.20	5.500	139.70	2	C41750	C39105	C39134

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