

General Application End Mills Single End Finishers

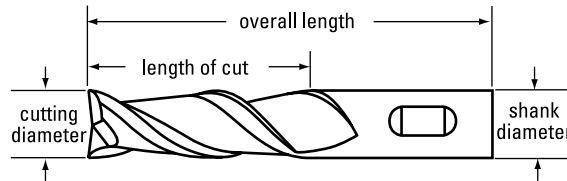
Style HG-2 • HSS, Single End, 2-Flute, Center Cutting formerly styles 685, 696

FEATURES

| | |
|------------------------|----------------------|
| ANSI SIZES | HSS SUBSTRATE |
| GENERAL PURPOSE | BRIGHT |
| 2 FLUTE CC | TiN |
| 30° | TiCN |

APPLICATIONS

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|---------------------|
| ALLOY STEEL |
| TOOL STEEL |
| CARBON STEEL |
| CAST IRON |



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