

# 5C Round Collets

- Hardened and Ground Throughout
- External Thread – 1.240 x 20
- Internal Thread – 1.047 x 24



## 5C Round Metric Collets

| STC#    | Size   | MSC #    | STC#    | Size   | MSC #    |
|---------|--------|----------|---------|--------|----------|
| CMA3976 | 1.0mm  |          | CMA4004 | 15.0mm |          |
| CMA3977 | 1.5mm  |          | CMA4005 | 15.5mm | 09775156 |
| CMA3978 | 2.0mm  |          | CMA4006 | 16.0mm |          |
| CMA3979 | 2.5mm  |          | CMA4007 | 16.5mm | 09775164 |
| CMA3980 | 3.0mm  |          | CMA4008 | 17.0mm |          |
| CMA3981 | 3.5mm  | 09775032 | CMA4009 | 17.5mm | 09775172 |
| CMA3982 | 4.0mm  |          | CMA4010 | 18.0mm |          |
| CMA3983 | 4.5mm  | 09775040 | CMA4011 | 18.5mm | 09775180 |
| CMA3984 | 5.0mm  |          | CMA4012 | 19.0mm |          |
| CMA3985 | 5.5mm  | 09775057 | CMA4013 | 19.5mm | 09775198 |
| CMA3986 | 6.0mm  |          | CMA4014 | 20.0mm |          |
| CMA3987 | 6.5mm  | 09775065 | CMA4015 | 20.5mm | 09775206 |
| CMA3988 | 7.0mm  |          | CMA4016 | 21.0mm |          |
| CMA3989 | 7.5mm  | 09775073 | CMA4017 | 21.5mm | 09775214 |
| CMA3990 | 8.0mm  |          | CMA4018 | 22.0mm |          |
| CMA3991 | 8.5mm  | 09775081 | CMA4019 | 22.5mm | 09775222 |
| CMA3992 | 9.0mm  |          | CMA4020 | 23.0mm |          |
| CMA3993 | 9.5mm  | 09775099 | CMA4021 | 23.5mm | 09775230 |
| CMA3994 | 10.0mm |          | CMA4022 | 24.0mm |          |
| CMA3995 | 10.5mm | 09775107 | CMA4023 | 24.5mm | 09775248 |
| CMA3996 | 11.0mm |          | CMA4024 | 25.0mm |          |
| CMA3997 | 11.5mm | 09775115 | CMA4025 | 25.5mm | 09775255 |
| CMA3998 | 12.0mm |          | CMA4026 | 26.0mm |          |
| CMA3999 | 12.5mm | 09775123 | CMA4027 | 26.5mm | 09775263 |
| CMA4000 | 13.0mm |          | CMA4028 | 27.0mm |          |
| CMA4001 | 13.5mm | 09775131 | CMA4029 | 27.5mm |          |
| CMA4002 | 14.0mm |          | CMA4030 | 28.0mm |          |
| CMA4003 | 14.5mm | 09775149 |         |        |          |

### 5C Round Inch Collets

| STC#    | Size   | MSC #    | STC#    | Size    | MSC #    |
|---------|--------|----------|---------|---------|----------|
| CMA3850 | 3/64"  |          | CMA3885 | 19/32"  | 09740382 |
| CMA3851 | 1/16"  | 09740044 | CMA3886 | 39/64"  | 09740390 |
| CMA3852 | 5/64"  | 09740051 | CMA3887 | 5/8"    | 09740408 |
| CMA3853 | 1/16"  | 09740069 | CMA3888 | 41/64"  | 09740416 |
| CMA3854 | 3/32"  | 09740077 | CMA3889 | 21/32"  | 09740424 |
| CMA3855 | 7/64"  | 09740085 | CMA3890 | 43/64"  | 09740432 |
| CMA3856 | 1/8"   | 09740093 | CMA3891 | 11/16"  | 09740440 |
| CMA3857 | 9/64"  | 09740101 | CMA3892 | 45/64"  | 09740457 |
| CMA3858 | 5/32"  | 09740119 | CMA3893 | 23/32"  | 09740465 |
| CMA3859 | 11/64" | 09740127 | CMA3894 | 47/64"  | 09740473 |
| CMA3860 | 3/16"  | 09740135 | CMA3895 | 3/4"    | 09740481 |
| CMA3861 | 13/64" | 09740143 | CMA3896 | 49/64"  | 09740499 |
| CMA3862 | 7/32"  | 09740150 | CMA3897 | 25/32"  | 09740507 |
| CMA3863 | 15/64" | 09740168 | CMA3898 | 51/64"  | 09740515 |
| CMA3864 | 1/4"   | 09740176 | CMA3899 | 13/16"  | 09740523 |
| CMA3865 | 17/64" | 09740184 | CMA3900 | 53/64"  | 09740531 |
| CMA3866 | 9/32"  | 09740192 | CMA3901 | 27/32"  | 09740549 |
| CMA3867 | 5/16"  | 09740200 | CMA3902 | 55/64"  | 09740556 |
| CMA3868 | 21/64" | 09740218 | CMA3903 | 7/8"    | 09740564 |
| CMA3869 | 11/32" | 09740226 | CMA3904 | 57/64"  | 09740572 |
| CMA3870 | 23/64" | 09740234 | CMA3905 | 29/32"  | 09740580 |
| CMA3871 | 3/8"   | 09740242 | CMA3906 | 59/64"  | 09740598 |
| CMA3872 | 25/64" | 09740259 | CMA3907 | 15/16"  | 09740606 |
| CMA3873 | 13/32" | 09740267 | CMA3908 | 61/64"  | 09740614 |
| CMA3874 | 27/64" | 09740275 | CMA3909 | 31/32"  | 09740622 |
| CMA3875 | 7/16"  | 09740283 | CMA3910 | 63/64"  | 09740630 |
| CMA3876 | 29/64" | 09740291 | CMA3911 | 1"      | 09740648 |
| CMA3877 | 15/32" | 09740309 | CMA3912 | 1-1/64" | 09741018 |
| CMA3878 | 31/64" | 09740317 | CMA3913 | 1-1/32" | 09741026 |
| CMA3879 | 1/2"   | 09740325 | CMA3914 | 1-3/64" | 09741034 |
| CMA3880 | 33/64" | 09740333 | CMA3915 | 1-1/16" | 09741042 |
| CMA3881 | 17/32" | 09740341 | CMA3916 | 1-5/64" | 09741059 |
| CMA3882 | 35/64" | 09740358 | CMA3917 | 1-3/32" | 09741067 |
| CMA3883 | 9/16"  | 09740366 | CMA3918 | 1-7/64" | 09741075 |
| CMA3884 | 37/64" | 09740374 | CMA3919 | 1-1/8"  | 09741083 |

# 5C Hex & Square Collets

- Hardened and Ground Throughout
- External Thread – 1.240 x 20
- Internal Thread – 1.047 x 24



## 5C Hex Collets

| STC#    | Size  | MSC #    | STC#    | Size   | MSC #    |
|---------|-------|----------|---------|--------|----------|
| CMA4031 | 1/8"  | 69744555 | CMA4038 | 9/16"  | 69744621 |
| CMA4032 | 3/16" | 69744563 | CMA4039 | 5/8"   | 69744639 |
| CMA4033 | 1/4"  | 69744571 | CMA4040 | 11/16" | 69744647 |
| CMA4034 | 5/16" | 69744589 | CMA4041 | 3/4"   | 69744654 |
| CMA4035 | 3/8"  | 69744597 | CMA4042 | 13/16" | 69744662 |
| CMA4036 | 7/16" | 69744605 | CMA4043 | 7/8"   | 69744670 |
| CMA4037 | 1/2"  | 69744613 |         |        |          |

## 5C Square Collets

| STC#    | Size  | MSC #    | STC#    | Size   | MSC #    |
|---------|-------|----------|---------|--------|----------|
| CMA4044 | 1/8"  | 69744704 | CMA4050 | 1/2"   | 69744761 |
| CMA4045 | 3/16" | 69744712 | CMA4051 | 9/16"  | 69744779 |
| CMA4046 | 1/4"  | 69744720 | CMA4052 | 5/8"   | 69744787 |
| CMA4047 | 5/16" | 69744738 | CMA4053 | 11/16" | 69744795 |
| CMA4048 | 3/8"  | 69744746 | CMA4054 | 3/4"   | 69744803 |
| CMA4049 | 7/16" | 69744753 |         |        |          |

## 5C Clutch Collets

Especially Designed for larger and odd shaped pieces  
 Has a machinable face, ground sleeve and tap  
 Can be heat treated after machining



| Description       | STC#    | Face Diameter | MSC #    |
|-------------------|---------|---------------|----------|
| 5C Clutch Collets | CMA3927 | 2"            | 09743204 |
| 5C Clutch Collets | CMA3928 | 3"            | 09743303 |
| 5C Clutch Collets | CMA3929 | 4"            | 09743402 |
| 5C Clutch Collets | CMA3930 | 5"            | 09743501 |
| 5C Clutch Collets | CMA3931 | 6"            | 09743600 |

# R8 Round Metric Collets

- Hardened and ground throughout
- Inch Range: 1/16" – 7/8"
- Metric Range: 2mm – 20mm



## R8 Round Collets

| STC#                      | Size   | MSC #    | STC#    | Size   | MSC #    |
|---------------------------|--------|----------|---------|--------|----------|
| <b>CMA407</b><br><b>4</b> | 1/16"  |          | CMA4088 | 1/2"   | 09750324 |
| CMA4075                   | 3/32"  |          | CMA4089 | 17/32" | 09750340 |
| CMA4076                   | 1/8"   | 09750084 | CMA4090 | 9/16"  | 09750365 |
| CMA4077                   | 5/32"  | 09750100 | CMA4091 | 19/32" | 09750381 |
| CMA4078                   | 3/16"  | 09750126 | CMA4092 | 5/8"   | 09750407 |
| CMA4079                   | 7/32"  | 09750142 | CMA4093 | 21/32" | 09750423 |
| CMA4080                   | 1/4"   | 09750167 | CMA4094 | 11/16" | 09750449 |
| CMA4081                   | 9/32"  | 09750183 | CMA4095 | 23/32" | 09750464 |
| CMA4082                   | 5/16"  | 09750209 | CMA4096 | 3/4"   | 09750480 |
| CMA4083                   | 11/32" | 09750225 | CMA4097 | 25/32" | 09750506 |
| CMA4084                   | 3/8"   | 09750241 | CMA4098 | 13/16" | 09750522 |
| CMA4085                   | 13/32" | 09750266 | CMA4099 | 27/32" | 09750548 |
| CMA4086                   | 7/16"  | 09750282 | CMA4100 | 7/8"   | 09750563 |
| CMA4087                   | 15/32" | 09750308 |         |        |          |

## R8 Round Metric Collets

| STC#                      | Size | MSC #    | STC#                      | Size | MSC #    |
|---------------------------|------|----------|---------------------------|------|----------|
| <b>CMA405</b><br><b>5</b> | 2mm  |          | CMA4065                   | 12mm | 09773128 |
| CMA4056                   | 3mm  | 09773037 | <b>CMA406</b><br><b>6</b> | 13mm | 09773136 |
| CMA4057                   | 4mm  | 09773045 | CMA4067                   | 14mm | 09773144 |
| CMA4058                   | 5mm  | 09773052 | CMA4068                   | 15mm | 09773151 |
| CMA4059                   | 6mm  | 09773060 | CMA4069                   | 16mm | 09773169 |
| CMA4060                   | 7mm  | 09773078 | CMA4070                   | 17mm | 09773177 |
| CMA4061                   | 8mm  | 09773086 | CMA4071                   | 18mm | 09773185 |
| CMA4062                   | 9mm  | 09773094 | CMA4072                   | 19mm | 09773139 |
| CMA4063                   | 10mm | 09773102 | CMA4073                   | 20mm | 09773201 |
| CMA4064                   | 11mm | 09773110 |                           |      |          |

# Horizontal and Vertical 5C Collet Fixture

- Holds all 5C collets
- 4-1/8" H x 5" W x 3-3/4" L
- Collets can be changed quickly and easily
- Cam lever opens and closes collets
- Can be adjusted without disturbing set up
- Collet retains positive relation to base – does not move up or down
- May be set up horizontally or vertically
- Parallelism is within 0.0008"



| STC#    | Size                 | Parallel | MSC #    |
|---------|----------------------|----------|----------|
| CMA2353 | 5" x 4-1/8" x 3-3/4" | 0.0008"  | 09671025 |

## Index Spin Jig

### Collet Indexes

- 10 Vernier holes for 1° indexing
- Accepts 5C collets to 1-1/8" capacity
- Indexing plate with precise 36 hole pattern
- Spindle travels 2-1/16" for flute grinding
- Hardened and ground spindle with lock
- Center slot to dividing spindle concentricity .0008"
- Spindle height: 2-3/4" (70mm).
- Dividing spindle concentricity: .0004
- Cylindrical center base (per 1 ) concentricity: .0012
- Spindle center line parallelism to base: .0008



| Description       | STC#    | Spindle Height | MSC #    |
|-------------------|---------|----------------|----------|
| 5C Spin Index Jig | CMA2352 | 2-3/4"         | 09672015 |