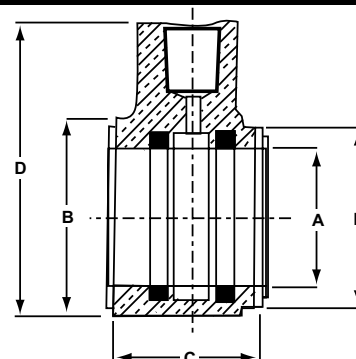
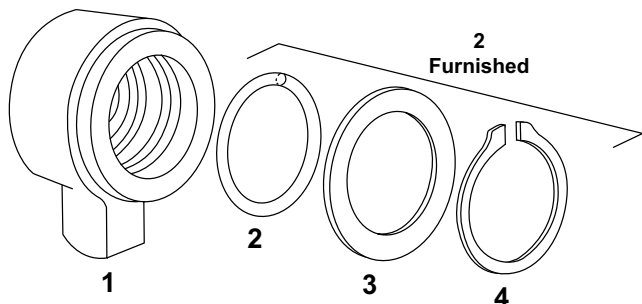




Rotary Coolant Collars are designed in three styles -Standard RPM (CGS), High RPM (CGH) and 2 Piece High RPM (CGH2) for manual and transfer type machines. Specifically designed for applications where space is at a minimum.

Rotary Coolant Collars are used in many special applications. If you have a special requirement, please call your local Representative or our factory.

## ROTARY COOLANT COLLARS • STANDARD RPM



ASSEMBLY PART NUMBER	A I.D. (IN.)	B O.D. (IN.)	C WIDTH (IN.)	D OAL (IN.)	E SHIELD I.D. (IN.)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	O-RING PART NUMBER (2 PCS INCLUDED)	THRUST WASHER (2 PCS INCLUDED)	SNAP RING (2 PCS INCLUDED)
CGS-0937	0.937	1.375	1.250	2.250	1.375	100 PSI	750 PSI	1300	001-001	403-001	001-201
CGS-1250	1.250	1.750	1.250	2.750	1.625	100 PSI	750 PSI	1100	001-002	403-002	001-202
CGS-1625	1.625	2.375	1.500	3.125	2.187	100 PSI	750 PSI	1000	001-003	403-003	001-204
CGS-2250	2.250	3.000	1.625	3.875	2.875	100 PSI	750 PSI	600	001-004	403-004	001-205
CGS-2750	2.750	4.000	1.562	4.875	3.937	100 PSI	750 PSI	500	001-005	403-005	001-206

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to O-Rings.

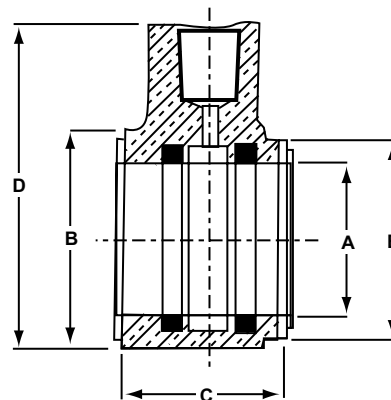
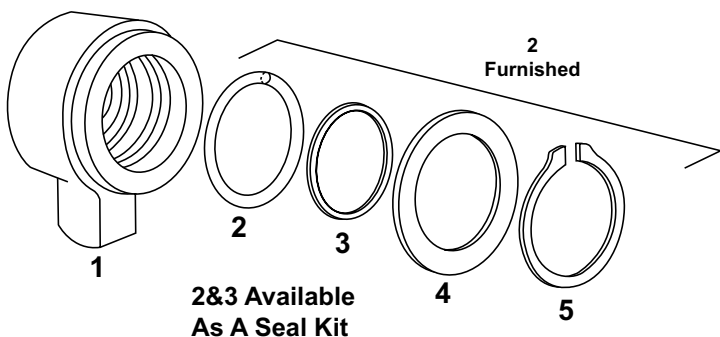
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.** Oil Mist may be utilized with these units at very low RPM.

## ROTARY COOLANT COLLARS • HIGH RPM

General Operating Recommendations For All Rotary Coolant Collars See Page 114.



ASSEMBLY PART NUMBER	A I.D. (IN.)	B O.D. (IN.)	C WIDTH (IN.)	D OAL (IN.)	E SHIELD I.D. (IN.)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	THRUST WASHER (2 PCS INCLUDED)	SNAP RING (2 PCS INCLUDED)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
CGH-0937	0.937	1.375	1.250	2.250	1.375	100 PSI	750 PSI	5000	403-001	001-201	SK-0937
CGH-1250	1.250	1.750	1.250	2.750	1.625	100 PSI	750 PSI	4000	403-002	001-202	SK-1250
CGH-1500	1.500	2.312	1.500	3.125	2.187	100 PSI	750 PSI	3600	403-013	001-203	SK-1500
CGH-1625	1.625	2.312	1.500	3.125	2.187	100 PSI	750 PSI	3300	403-003	001-204	SK-1625
CGH-2250	2.250	3.000	1.625	3.875	2.875	100 PSI	750 PSI	2800	403-004	001-205	SK-2250
CGH-2750	2.750	4.000	1.562	4.875	3.937	100 PSI	750 PSI	2200	403-005	001-206	SK-2750
CGH-3500	2.750	5.500	1.562	5.500	-	100 PSI	1000 PSI	1500	403-006	001-207	SK-3500
CGH-4000	2.750	6.000	1.750	6.000	-	100 PSI	1000 PSI	1400	866-027	001-208	SK-4000

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

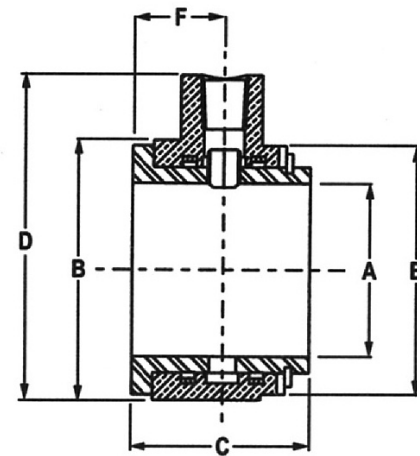
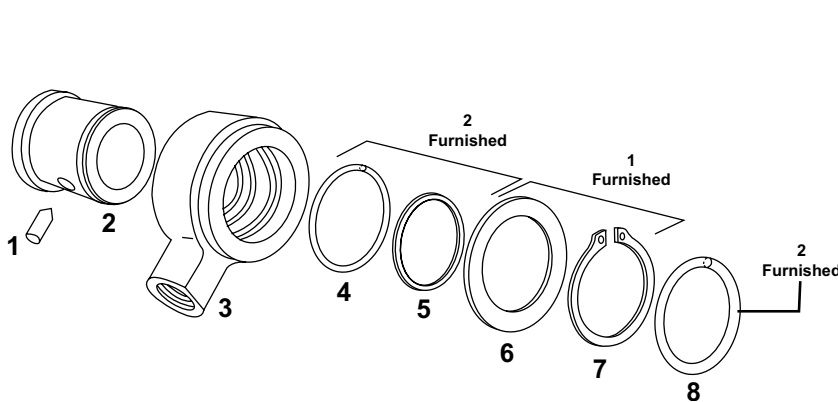
(3) - Recommended Maximum RPM at Maximum 750/1000 PSI. Higher speeds may be achieved at pressures below 1000 PSI.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## ROTARY COOLANT COLLARS • 2 PIECE HIGH RPM



### Dimensions

ASSEMBLY PART NUMBER	OLD PART NUMBER	A I.D. (IN.)	B O.D. (IN.)	C WIDTH (IN.)	D OAL (IN.)	E SHIELD I.D. (IN.)	F CTR (IN.)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	THRUST WASHER (2 PCS INCLUDED)	SNAP RING (2 PCS INCLUDED)	MATING SHANK O-RING (2 PCS INCLUDED)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
CGH2-1250	801-081	1.250	2.187	1.594	3.125	2.187	0.8750	100 PSI	750 PSI	4000	403-007	001-204	001-006	SK2-1250
CGH2-1500	801-082	1.500	2.187	1.812	3.125	2.187	0.9687	100 PSI	750 PSI	3600	103-008	001-208	001-007	SK2-1500
CGH2-2000	801-083	2.000	3.000	2.062	3.812	2.875	1.0000	100 PSI	750 PSI	3100	103-009	001-209	001-021	SK2-2000
CGH2-2000A	801-090	2.000	3.000	1.875	3.750	-	0.8750	100 PSI	750 PSI	3100	403-009	001-209	001-021	SK2-2000
CGH2-2500	801-091	2.500	4.000	1.938	4.750	-	0.9375	100 PSI	750 PSI	2500	403-010	001-210	001-022	SK2-2500
CGH2-2562	801-084	2.562	4.062	2.312	5.000	3.312	1.1250	100 PSI	750 PSI	2200	403-014	001-215	001-022	SK2-2562
CGH2-4250	801-085	4.250	6.000	3.000	7.125	-	1.5000	100 PSI	1000 PSI	1100	866-875	001-216	001-027	SK2-4250

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

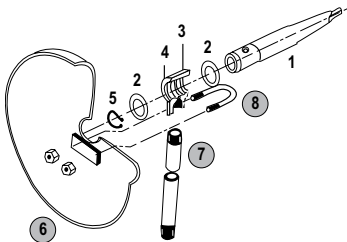
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

ROTARY COOLANT TOOL HOLDERS

## PLASTIC SPLASH SHIELD ASSEMBLIES



STANDARD RPM COOLANT GLAND	HIGH RPM COOLANT GLAND	(6) PLASTIC SHIELD 9-5/8 OD X 1-1/2 LG	SHIELD INSIDE DIAMETER	(7) COOLANT TORQUE BAR 3/8-18 NPT X 11"	(8) U-BOLT ASSEMBLY
CGS-0937	CGH-0937	846-001	1-3/8	869-001TB	874-001UB
CGS-1250	CGH-1250	846-002	1-5/8	869-001TB	874-001UB
CGS-1625	CGH-1500	846-003	2-3/16	869-001TB	874-001UB
CGS-2250	CGH-2250	846-004	2-7/8	869-001TB	874-001UB
CGS-2750	CGH-2750	846-005	3-15/16	869-001TB	874-001UB

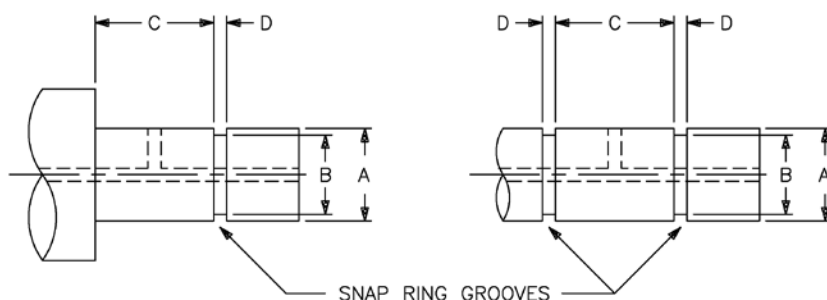
### ASSEMBLY & PARTS DIAGRAM FOR STANDARD ROTARY COOLANT GLAND

1. Tool holder shank
2. Thrust washers (2)
3. Coolant inducer rings -apply grease or bearing lubricant
4. O-rings (2) -apply grease or bearing lubricant
5. Snap ring
6. Shield Assembly
7. 3/8 D.E. Pipe Nipple
8. U-bolt & washer assembly\*

**CAUTION: (1)** All holders with coolant glands (rotary coolant inducers) must have torque arm (pipe nipple) secured to prevent coolant hose interference with machine operation. **(2)** Rotary coolant assemblies are not designed to operate without coolant. **(3)** Torque arm centerline to be perpendicular to spindle centerline to maximize seal life.

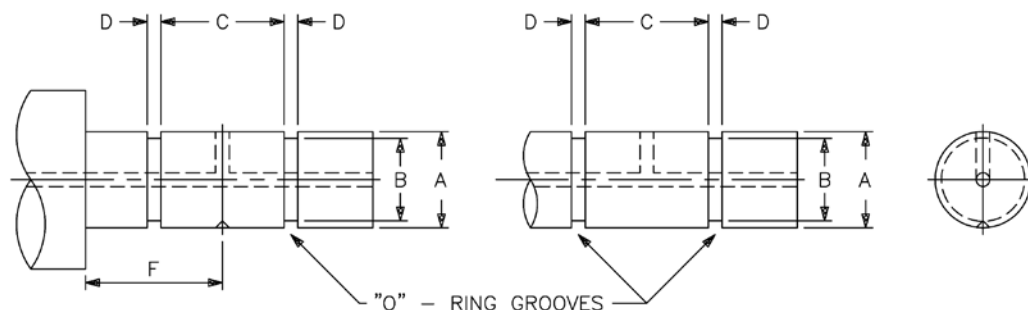


## SHANK MOUNTING SPECIFICATIONS FOR THE GEORGE WHALLEY CO. STANDARD AND HIGH RPM ONE-PIECE ROTARY COOLANT GLANDS



A SHANK O.D.	B SNAP RING GROOVE O.D.	C GLAND BEARING WIDTH	D SNAP RING WIDTH	FOR USE WITH COOLANT GLAND NUMBER
0.9360/0.9340	0.8790/0.8850	1.380/1.385	0.046/0.048	CGH/CGS - 0937
1.249/1.247	1.172/1.180	1.380/1.385	0.056/0.060	CGH/CGS - 1250
1.624/1.622	1.524/1.534	1.630/1.635	0.068/0.072	CGH/CGS - 1625
2.249/2.247	2.114/2.126	1.815/1.820	0.086/0.091	CGH/CGS - 2250
2.749/2.747	2.596/2.608	1.755/1.760	0.103/0.108	CGH/CGS - 2750
3.499/3.497	3.310/3.322	1.815/1.820	0.103/0.108	CGH - 3500
3.999/3.997	3.786/3.798	2.002/2.006	0.120/0.125	CGH - 4000

## SHANK MOUNTING SPECIFICATIONS FOR THE GEORGE WHALLEY CO. HIGH RPM TWO-PIECE ROTARY COOLANT GLANDS



A SHANK O.D.	B O-RING GROOVE O.D.	C GLAND BEARING WIDTH	D O-RING WIDTH	F SET SCREW POINT LOCATION	FOR USE WITH COOLANT GLAND NUMBER
1.249/1.247	1.135	1.000	0.090/0.094	0.906	CGH2 - 0937
1.499/1.497	1.380	1.000	0.090/0.094	1.000	CGH2 - 1250
1.999/1.997	1.885	1.250	0.090/0.094	1.063	CGH2 - 1625
2.561/2.559	2.375	1.500	0.138/0.142	1.188	CGH2 - 2250
4.249/4.247	4.025	1.500	0.175/0.185	1.531	CGH2 - 2750
1.999/1.997	1.885	1.250	0.090/0.094	0.906	801 - 083A
2.449/2.497	2.390	1.500	0.090/0.094	0.969	801 - 091

## BREAK IN AND OPERATING RECOMMENDATIONS FOR AUTOMATIC AND MANUAL TOOL CHANGE COOLANT GLANDS

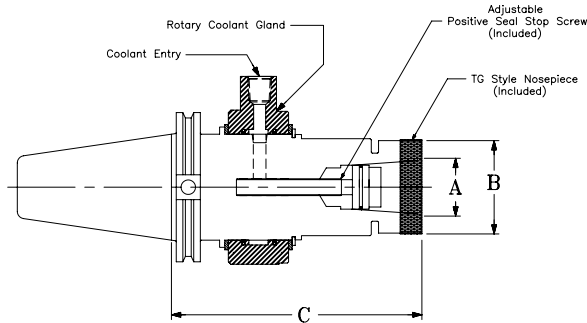
In order to assure proper lubrication, even wear, and proper seating, high RPM glands should be broken in at 100 RPM for 3 minutes with coolant introduced at a pressure and volume between 100 PSI and 500 PSI to prevent overloading seals. Repeat procedure at 500 RPM for 3 minutes, and again at 1000 RPM. After break in procedure is complete, units may be run at pressures between 100 PSI and 750/1000 PSI.

For maximum life and performance of these coolant glands and seals the following conditions are recommended:

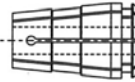
1. Coolant filtration: 30 to 50 micron minimum; 5 micron optimum
2. Proper type & viscosity of coolant: preferably a good water soluble synthetic with good lubrication and heat dissipation under pressure.
3. Coolant pressure: minimum of 100 lbs. coolant pressure at high R.P.M.'s (1800 SFM or more based on I.D. dimension of coolant gland or O.D. bearing diameter of tool holder). Maximum pressure of 750/1000 PSI.
4. Coolant volume must be sufficient to properly lubricate cutting tool as recommended by its manufacturer. The combination of volume and pressure can not exceed the coolant orifice delivery capability of your tool or premature gland failure may result due to excessive heat build up.



## V-FLANGE SINGLE ANGLE COLLET CHUCKS WITH POSITIVE SEAL ADJUSTING STOP SCREW AND ROTARY COOLANT COLLARS



**TG Style Collets**  
See page 146.



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	OPTIONAL EXTENSION STYLE STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
<b>50 V-FLANGE</b>											
C50-TG10-CGH-7P	0.094 - 1.000	TG 100	2.50	7.00	CGH-2250	100 PSI	750 PSI	2800	SK-2250	116-001	112-001
C50-TG15-CGH-8P	0.500 - 1.500	TG 150	3.50	8.00	CGH-2750	100 PSI	750 PSI	2200	SK-2750	-	112-002

• See pages 112-114 for Rotary Coolant Collars information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

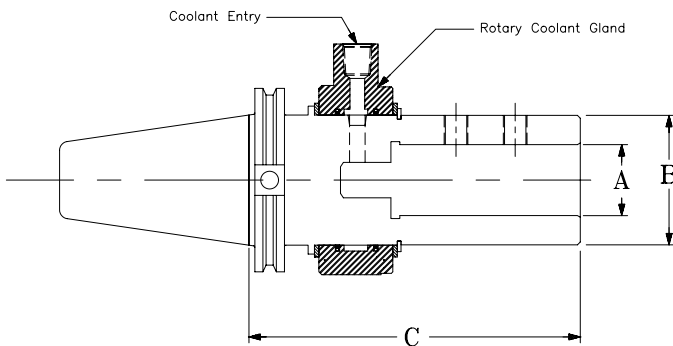
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## V-FLANGE END MILL HOLDERS WITH HIGH RPM ROTARY COOLANT GLANDS



Retention Knobs  
Sold Separately,  
See Pages 163-167.



ROTARY COOLANT  
TOOL HOLDERS

ASSEMBLY PART NUMBER	A I.D. (IN.)	B CLEARANCE (IN.)	C PROJECTION (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
<b>50 V-FLANGE</b>								
C50-EM12-CGH-7	1.250	2.75	7.00	CGH-2750	100 PSI	750 PSI	2200	SK-2750
C50-EM15-CGH-7	1.500	2.75	7.00	CGH-2750	100 PSI	750 PSI	2200	SK-2750
C50-EM17-CGH-7	1.750	3.50	7.00	CGH-3500	100 PSI	1000 PSI	1500	SK-3500
C50-EM20-CGH-7	2.000	3.50	7.00	CGH-3500	100 PSI	1000 PSI	1500	SK-3500
C50-EM22-CGH-7	2.250	4.00	7.00	CGH-4000	100 PSI	1000 PSI	1400	SK-4000

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750/1000 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

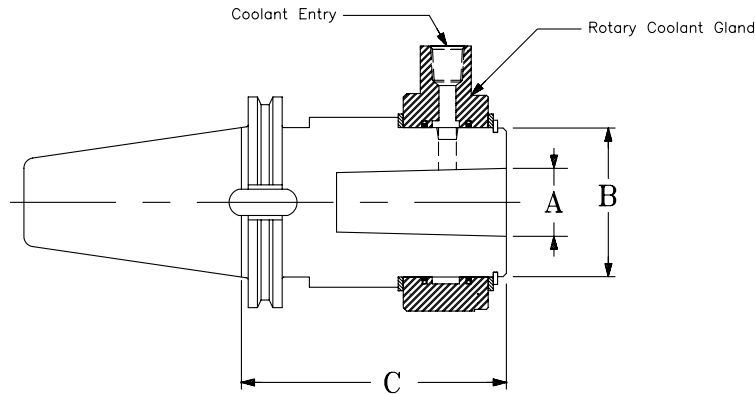
**All units require coolant at all speeds.**

• See pages 112-114 for Rotary Coolant Gland information

• For CAT 40 End Mill Holders please see bottom of page 105.  
(Manual ATC End Mill Holders)



## V-FLANGE MORSE TAPER HOLDERS WITH HIGH RPM ROTARY COOLANT GLAND



### With High RPM Rotary Coolant Glands

ASSEMBLY PART NUMBER	A MORSE TAPER	B CLEARANCE (INCHES)	C PROJECTION (INCHES)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
<b>45 V-FLANGE</b>								
*C45-MT4-CGH-4	MT 4	1.62	3.18	CGH-1625	100 PSI	750 PSI	3300	SK-1625
<b>50 V-FLANGE</b>								
*C50-MT4-CGH-4	MT 4	1.62	3.38	CGH-1625	100 PSI	750 PSI	3300	SK-1625
*C50-MT5-CGH-5	MT 5	2.75	4.25	CGH-2750	100 PSI	750 PSI	2200	SK-2750

### \* Outgoing Items

- See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

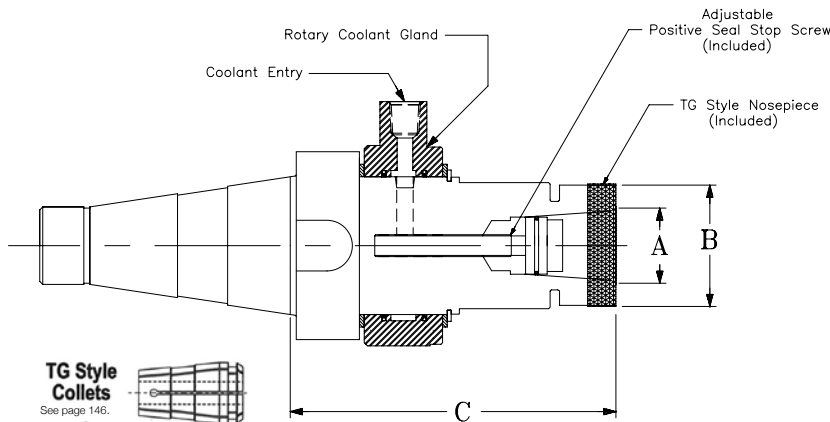
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## NMTB TAPER SHANK • SINGLE ANGLE COLLET CHUCKS WITH POSITIVE SEAL ADJUSTING STOP SCREW AND ROTARY COOLANT GLAND



- See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	OPTIONAL EXTENSION STYLE STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
<b>40 NMTB</b>											
N40-TG10P-7	0.094 - 1.000	TG 100	2.50	6.25	CGH-2250	100 PSI	750 PSI	2800	SK-2250	116-002	112-001
N40-TG15P-7	0.500 - 1.500	TG 150	3.50	6.25	CGH-2750	100 PSI	750 PSI	2200	SK-2750	-	112-002
<b>50 NMTB</b>											
N50-TG10P-7	0.094 - 1.000	TG 100	2.50	6.25	CGH-2250	100 PSI	750 PSI	2800	SK-2250	116-002	112-001
N50-TG15P-7	0.500 - 1.500	TG 150	3.50	6.25	CGH-2750	100 PSI	750 PSI	2200	SK-2750	-	112-002

- See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

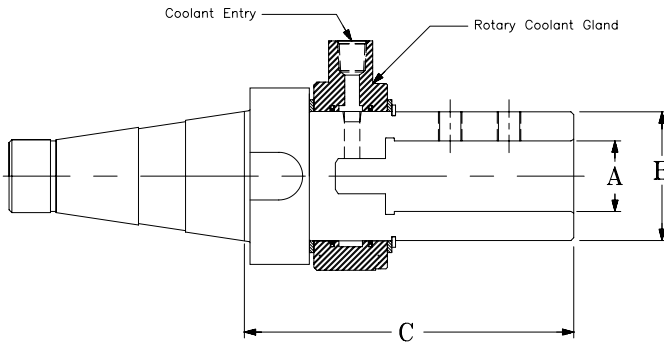
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## NMTB TAPER SHANK • END MILL HOLDERS WITH ROTARY COOLANT GLAND



ASSEMBLY PART NUMBER	A I.D. (IN.)	B CLEARANCE (IN.)	C PROJECTION (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
<b>30 NMTB</b>								
*N30-EM75-4	0.750	2.25	3.88	CGH-1625	100 PSI	750 PSI	3300	SK-1625
<b>40 NMTB</b>								
N40-EM10-4	1.000	2.25	3.88	CGH-2250	100 PSI	750 PSI	2800	SK-2250
<b>50 NMTB</b>								
N50-EM75-5	0.750	2.25	4.75	CGH-2250	100 PSI	750 PSI	2800	SK-2250
N50-EM12-7	1.250	2.75	7.00	CGH-2750	100 PSI	750 PSI	2200	SK-2750
N50-EM15-7	1.500	2.75	7.00	CGH-2750	100 PSI	750 PSI	2200	SK-2750
N50-EM17-7	1.750	3.50	7.00	CGH-3500	100 PSI	1000 PSI	1500	SK-3500
N50-EM20-7	2.000	3.50	7.00	CGH-3500	100 PSI	1000 PSI	1500	SK-3500
N50-EM22-7	2.250	4.75	7.00	CGH-4000	100 PSI	1000 PSI	1400	SK-4000
N50-EM25-7	2.500	4.75	7.00	CGH-4000	100 PSI	1000 PSI	1400	SK-4000
N50-EM30-10	3.000	4.75	9.00	CGH-4000	100 PSI	1000 PSI	1400	SK-4000

### \* Outgoing Items

• NMTB End Mill Holders are supplied with set screws. • See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750/1000 PSI. Higher speeds may be achieved at lower pressures.

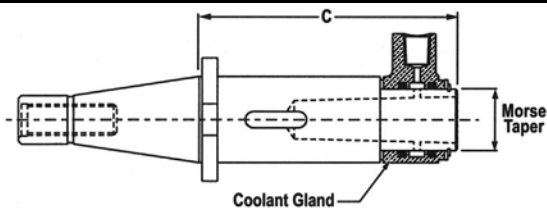
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

ROTARY COOLANT TOOL HOLDERS

## NMTB TAPER SHANK • MORSE TAPER HOLDERS WITH HIGH RPM ROTARY COOLANT GLAND



ASSEMBLY PART NUMBER	A MORSE TAPER	C PROJECTION (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
<b>40 NMTB</b>							
*N40-MT2-CGH-4	MT 2	4.00	CGH-0937	100 PSI	750 PSI	5000	SK-0937
*N40-MT3-CGH-4	MT 3	4.87	CGH-1250	100 PSI	750 PSI	4000	SK-1250
<b>50 NMTB</b>							
*N50-MT3-CGH-5	MT 3	5.38	CGH-1250	100 PSI	750 PSI	4000	SK-1250
*N50-MT4-CGH-3	MT 4	3.12	CGH-1625	100 PSI	750 PSI	3300	SK-1625
*N50-MT5-CGH-3	MT 5	3.50	CGH-2250	100 PSI	750 PSI	2800	SK-2250
*N50-MT5-CGH-7	MT 5	7.25	CGH-2250	100 PSI	750 PSI	2800	SK-2250

### \* Outgoing Items

• See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

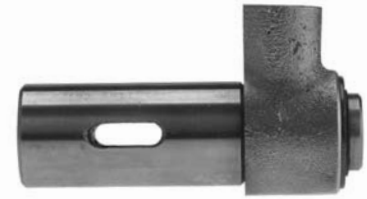
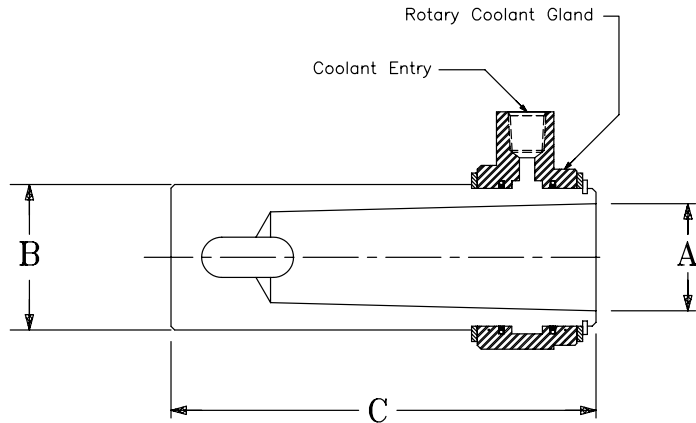
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**





## STRAIGHT SHANK • MORSE TAPER HOLDERS WITH ROTARY COOLANT GLAND



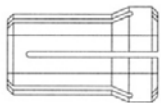
ASSEMBLY PART NUMBER	A MORSE TAPER	B SHANK DIA. (IN.)	C OAL (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
SS12-MT2-CGH-4	MT 2	1.250	4.00	CGH-1250	100 PSI	750 PSI	4000	SK-1250
SS12-MT3-CGH-6	MT 3	1.250	5.75	CGH-1250	100 PSI	750 PSI	4000	SK-1250
SS12-MT4-CGH-6	MT 4	1.250	5.75	CGH-1625	100 PSI	750 PSI	3300	SK-1625
SS15-MT2-CGH-4	MT 3	1.500	4.00	CGH-1250	100 PSI	750 PSI	4000	SK-1250
SS15-MT3-CGH-6	MT 4	1.500	5.75	CGH-1250	100 PSI	750 PSI	4000	SK-1250

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

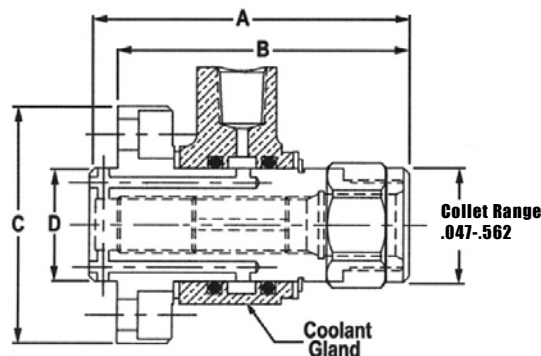
**All units require coolant at all speeds.**

## FACE MOUNTED DOUBLE ANGLE COLLET CHUCK WITH HIGH RPM ROTARY COOLANT GLAND FOR USE WITH DRILL SPEEDER



**DA Style Collets**

See page 147.



ASSEMBLY PART NUMBER	A OAL (IN.)	B PROJ. (IN.)	C DIA. (IN.)	D DIA. (IN.)	MAX. SCREW ADJUST (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
*FM-DA10-4	3.937	3.625	2.625	1.250	1.25	CGH-1250	100 PSI	750 PSI	4000	SK-1250

### \* Outgoing Items

- Holders use DA10 collets • See pages 112-114 for Rotary Coolant Gland information.
- Furnished with High RPM Coolant Gland and Nylon Seal Stop Screw

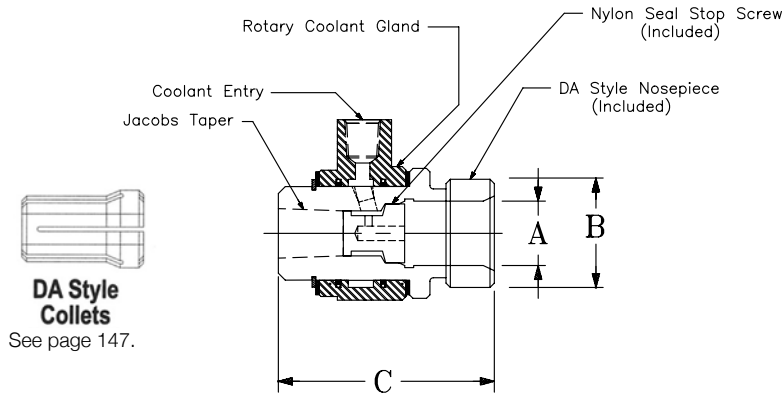
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## JACOBS TAPER MOUNT • DOUBLE ANGLE COLLET CHUCKS WITH ROTARY COOLANT GLAND



ASSEMBLY PART NUMBER	JACOBS TAPER SIZE	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C OAL (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	NYLON SEAL STOP SCREW (INCLUDED)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
JT2-DA10-CGH-2	2	0.047 - 0.562	DA 100	1.56	2.88	CGH-0937	100 PSI	750 PSI	5000	110-001	SK-0937	112-018
JT33-DA18-CGH-2	33	0.047 - 0.750	DA 180	1.62	3.53	CGH-1250	100 PSI	750 PSI	4000	110-002	SK-1250	112-019

## Arbors to Adapt Jacobs Taper Collet Chucks to Machine Spindles

MACHINE SHANK	JACOBS TAPER	PART NUMBER	JACOBS TAPER	PART NUMBER	MACHINE SHANK	JACOBS TAPER	PART NUMBER	JACOBS TAPER	PART NUMBER
MORSE TAPER #1	2	831-201	33	831-301	R-8 BRIDGEPORT	2	831-207	33	831-305
MORSE TAPER #2	2	831-202	33	831-302	1/2" STRAIGHT SHANK	2	831-208	33	831-306
MORSE TAPER #3	2	831-203	33	831-303	5/8" STRAIGHT SHANK	2	831-209	33	831-307
MORSE TAPER #4	2	831-204	33	831-304	3/4" STRAIGHT SHANK	2	831-210	33	831-308
MORSE TAPER #5	2	831-205	-	-	1" STRAIGHT SHANK	2	831-211	33	831-309
BROWN & SHARPE #7	2	831-206	-	-					

• For applications where additional reach and maximum tool adjustments are needed • For replacement nylon seals, see page 158 • See pages 112-114 for Rotary Coolant Gland information.

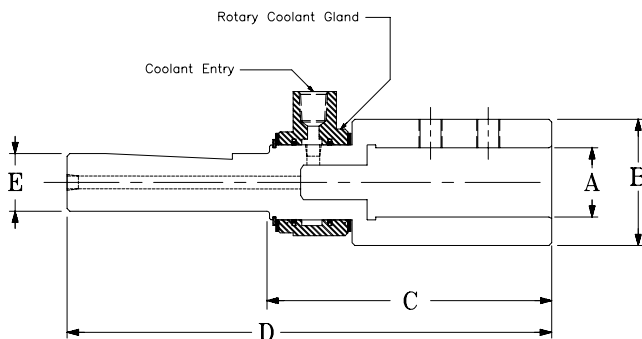
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

ROTARY COOLANT  
TOOLHOLDERS

## STRAIGHT SHANK • END MILL HOLDERS WITH HIGH RPM ROTARY COOLANT GLAND



ASSEMBLY PART NUMBER	A I.D. (IN.)	B CLEARANCE (IN.)	C PROJECTION (IN.)	D OAL (IN.)	E SHANK DIA. (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
SS12-EM62-CGH-5	0.625	1.87	4.38	9.06	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625
SS12-EM75-CGH-5	0.750	2.00	4.62	9.31	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625
SS12-EM10-CGH-5	1.000	2.25	4.75	9.44	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625
SS12-EM12-CGH-6	1.250	2.50	5.13	9.81	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625
SS12-EM15-CGH-6	1.500	2.75	5.13	9.81	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625

• To be used in most Straight Shank tooling applications - Gun Drills, Carbide Indexable Drills, Spade Drills, etc. • Triple entry design - (1) with coolant gland, (2) without coolant gland, (3) coolant-thru-the-spindle and stationary tool applications, thru entry on side of gland bearing surface • See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

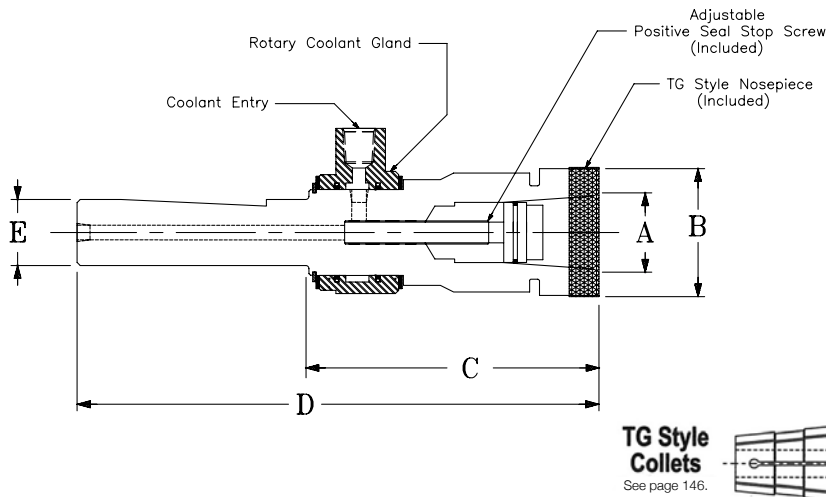
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:  
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**





## STRAIGHT SHANK • SINGLE ANGLE COLLET CHUCKS WITH ROTARY COOLANT GLAND AND POSITIVE STOP SCREW



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E SHANK DIA. (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	OPTIONAL EXTENSION STYLE STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
SS12-TG10-CGH-10	0.094 - 1.000	TG 100	2.50	4.81	9.50	1.25	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-002	112-001
SS15-TG10-CGH-10	0.094 - 1.000	TG 100	2.50	4.81	9.50	1.50	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-002	112-001

- Triple entry design -(1) with coolant gland, (2) without coolant gland, (3) coolant-thru-the-spindle and stationary tool applications, thru entry on side of gland bearing surface.
- See pages 112-114 for Rotary Coolant Gland information.

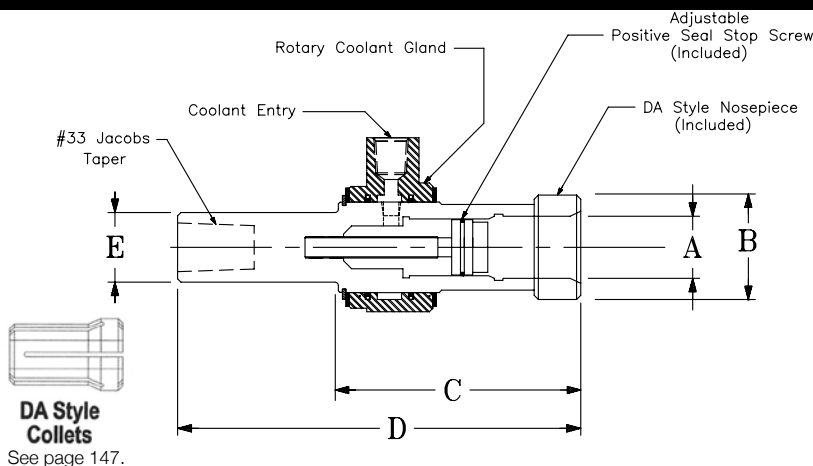
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## STRAIGHT SHANK / JACOBS TAPER MOUNT • DOUBLE ANGLE COLLET CHUCK WITH POSITIVE SEAL STOP SCREW AND HIGH RPM ROTARY COOLANT GLAND



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E SHANK DIA. (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
^SS10-JT33-DA18-CGH-4	0.047 - 0.750	DA 180	1.62	3.75	5.75	1.00	CGH-1250	100 PSI	750 PSI	4000	SK-1250	112-019

**\* Outgoing Items** ^ - Shank does not conform to ANSI specifications.

- Designed to provide additional reach and maximum tool adjustment with use of our positive seal stop screw
- Single entry design requires that this chuck be used with coolant gland for coolant-thru-the-tool operations
- Maximum adjustment of stop screw is 5/8"
- See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

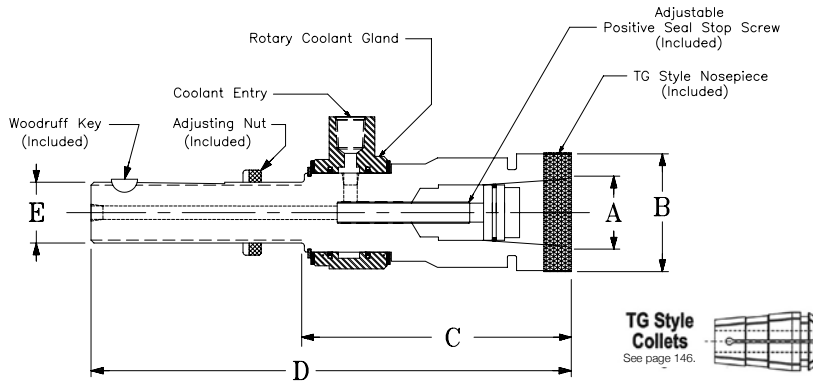
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## AUTOMOTIVE ADJUSTABLE SHANK • SINGLE ANGLE COLLET CHUCK HOLDERS WITH ROTARY COOLANT GLAND



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E SHANK	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	OPTIONAL EXTENSION STYLE STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
AA106-TG10-CGH-5	0.094 - 1.000	TG 100	2.50	4.62	8.25	1-1/16 - 12	CGH-1250	100 PSI	750 PSI	4000	SK-1250	-	112-001
AA137-TG10-CGH-5	0.094 - 1.000	TG 100	2.50	4.81	8.94	1-3/8 - 12	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-004	112-001
AA187-TG10-CGH-5	0.094 - 1.000	TG 100	2.50	5.00	9.87	1-7/8 - 12	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-004	112-001

• Dual Entry design allows use without gland for coolant-thru-the-spindle applications • See pages 112-114 for Rotary Coolant Gland information.

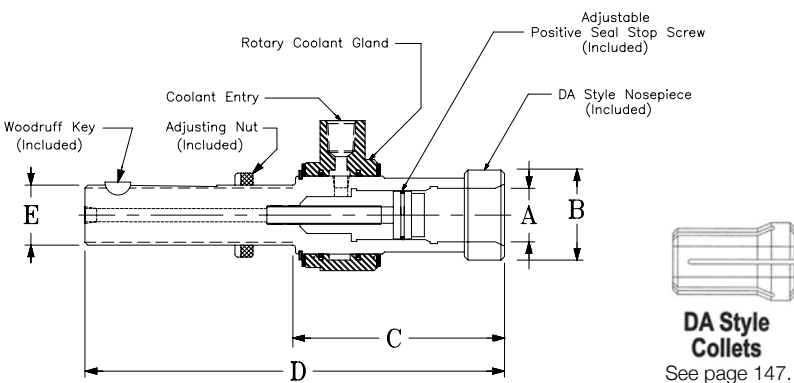
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at pressures below 1000 PSI.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions: Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## AUTOMOTIVE ADJUSTABLE SHANK • DOUBLE ANGLE COLLET CHUCK HOLDERS WITH ROTARY COOLANT GLAND



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E SHANK	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	POSITIVE SEAL STOP SCREW (INCLUDED)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
AA75-DA18-CGH-4	0.047 - 0.750	DA 180	1.62	3.50	7.12	3/4 - 12	CGH-1250	100 PSI	750 PSI	4000	104-009	SK-1250	112-019
AA87-DA18-CGH-4	0.047 - 0.750	DA 180	1.62	3.50	7.12	7/8 - 12	CGH-1250	100 PSI	750 PSI	4000	104-009	SK-1250	112-019
AA10-DA18-CGH-5	0.047 - 0.750	DA 180	1.62	5.31	9.03	1" - 12	CGH-1250	100 PSI	750 PSI	4000	104-002	SK-1250	112-019
AA10-DA18-CGH-4	0.047 - 0.750	DA 180	1.62	3.81	7.44	1-1/16 - 12	CGH-1250	100 PSI	750 PSI	4000	104-002	SK-1250	112-019

• Dual Entry design allows use without gland for coolant-thru-the-spindle applications • See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

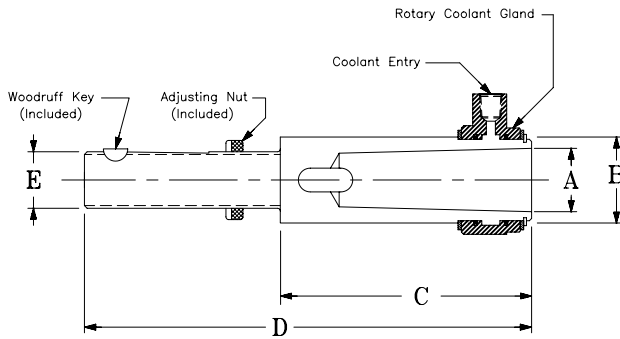
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## AUTOMOTIVE ADJUSTABLE SHANK • MORSE TAPER HOLDERS WITH ROTARY COOLANT GLAND



ASSEMBLY PART NUMBER	A MORSE TAPER	B CLEARANCE (IN.)	C PROJECTION (IN.)	D OAL (IN.)	E SHANK	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
AA75-MT2-CGH-3	2	0.937	3.50	6.00	3/4 - 12	CGH-0937	100 PSI	750 PSI	5000	SK-0937
AA88-MT2-CGH-2	2	0.937	2.00	5.62	7/8 - 12	CGH-0937	100 PSI	750 PSI	5000	SK-0937
AA10-MT3-CGH-4	3	1.250	3.62	7.25	1" - 12	CGH-1250	100 PSI	750 PSI	4000	SK-1250
AA106-MT2-CGH-3	2	0.937	3.00	6.62	1-1/16 - 12	CGH-0937	100 PSI	750 PSI	5000	SK-0937
AA106-MT3-CGH-4	3	1.250	4.00	7.62	1-1/16 - 12	CGH-1250	100 PSI	750 PSI	4000	SK-1250
AA137-MT3-CGH-2	3	1.250	2.00	6.62	1-3/8 - 12	CGH-1250	100 PSI	750 PSI	4000	SK-1250
AA137-MT4-CGH-2	4	1.625	2.00	6.62	1-3/8 - 12	CGH-1625	100 PSI	750 PSI	3300	SK-1625
AA188-MT3-CGH-2	3	1.625	2.00	7.62	1-7/8 - 12	CGH-1625	100 PSI	750 PSI	3300	SK-1625
AA188-MT4-CGH-2	4	1.625	2.00	7.62	1-7/8 - 12	CGH-1625	100 PSI	750 PSI	3300	SK-1625

• See pages 112-114 for Rotary Coolant Gland information.

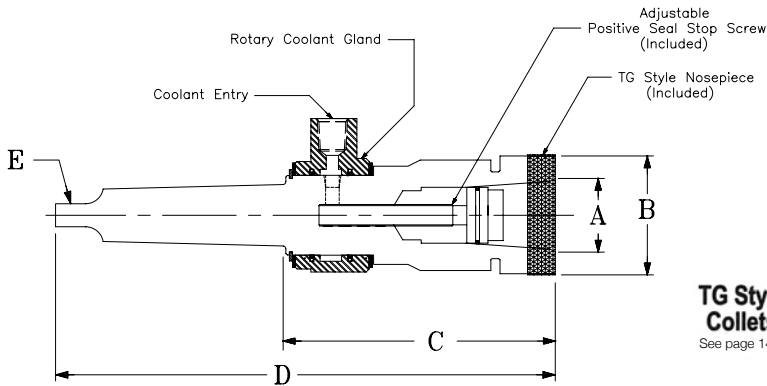
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

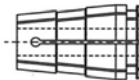
Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## MORSE TAPER SHANK • SINGLE ANGLE STYLE COLLET CHUCKS WITH NYLON CAP POSITIVE SEAL STOP SCREW AND ROTARY COOLANT GLAND



**TG Style Collets**  
See page 146.



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E MORSE TAPER	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	OPTIONAL EXTENSION STYLE STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
MT3-TG10-CGH-6P	0.094 - 1.000	TG 100	2.50	5.50	9.37	MT 3	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-002	112-001
MT4-TG10-CGH-6P	0.094 - 1.000	TG 100	2.50	5.50	10.37	MT 4	CGH-1625	100 PSI	750 PSI	3300	SK-1625	116-002	112-001
<b>*MT5-TG15-CGH-7P</b>	<b>0.500 - 1.500</b>	<b>TG 150</b>	<b>3.50</b>	<b>6.25</b>	<b>12.37</b>	<b>MT 5</b>	<b>CGH-2750</b>	<b>100 PSI</b>	<b>750 PSI</b>	<b>2200</b>	<b>SK-2750</b>	-	<b>112-002</b>
<b>*MT6-TG15-CGH-7P</b>	<b>0.500 - 1.500</b>	<b>TG 150</b>	<b>3.50</b>	<b>6.25</b>	<b>14.81</b>	<b>MT 6</b>	<b>CGH-2750</b>	<b>100 PSI</b>	<b>750 PSI</b>	<b>2200</b>	<b>SK-2750</b>	-	<b>112-002</b>

**\* Outgoing Items**

• See pages 112-114 for Rotary Coolant Gland information.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

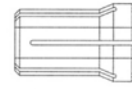
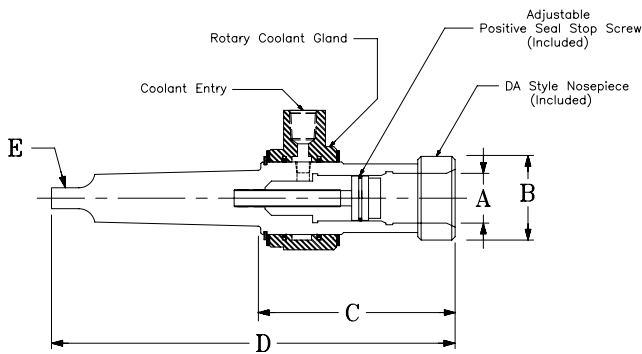
**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**



## MORSE TAPER SHANK • DOUBLE ANGLE COLLET CHUCKS WITH NYLON CAP POSITIVE SEAL STOP SCREW AND ROTARY COOLANT GLAND



**DA Style Collets**  
See page 147.



• See page 111 for positive seal stop screw.

ASSEMBLY PART NUMBER	A RANGE (IN.)	COLLET SERIES	B CLEARANCE (IN.)	C PROJ. (IN.)	D OAL (IN.)	E MORSE TAPER	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)	POSITIVE SEAL STOP SCREW (NOT INCLUDED)	SPANNER WRENCH (NOT INCLUDED)
*MT2-DA18-CGH-6P	0.047 - 0.750	DA 180	1.62	5.31	8.44	2	CGH-1250	100 PSI	750 PSI	4000	SK-1250	104-002	112-019
*MT3-DA18-CGH-6P	0.047 - 0.750	DA 180	1.62	5.31	9.18	3	CGH-1250	100 PSI	750 PSI	4000	SK-1250	104-002	112-019
*MT4-DA18-CGH-6P	0.047 - 0.750	DA 180	1.62	5.31	10.18	4	CGH-1250	100 PSI	750 PSI	4000	SK-1250	104-002	112-019

### \* Outgoing Items

• See pages 112-114 for Rotary Coolant Gland information.

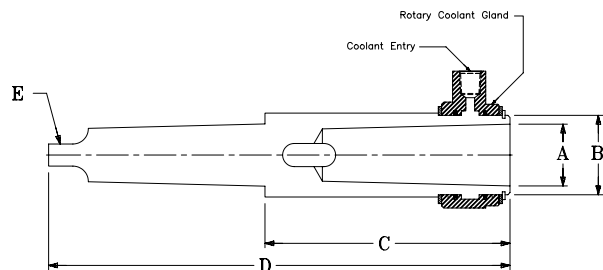
(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.  
(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**

## MORSE TAPER SHANK TO MORSE TAPER HOLDERS WITH ROTARY COOLANT GLAND



### Splash Shield Assembly Included With Holder.

See page 113, for  
assembly instructions.



ASSEMBLY PART NUMBER *	OLD PART NUMBER	A INTERIOR TAPER	E SHANK TAPER	B CLEARANCE (IN.)	C PROJECTION (IN.)	D OAL (IN.)	COOLANT GLAND (INCLUDED)	MINIMUM COOLANT PRESSURE (1)	MAXIMUM COOLANT PRESSURE (2)	MAXIMUM SPEED (RPM) (3)	REPLACEMENT SEAL KIT PART NUMBER (NOT INCLUDED)
MT2-MT2-CGH-4	840-001	MT 2	MT 2	0.94	3.87	7.00	CGH-0937	100 PSI	750 PSI	5000	SK-0937
MT2-MT3-CGH-4	840-005	MT 2	MT 3	0.94	3.87	7.75	CGH-0937	100 PSI	750 PSI	5000	SK-0937
MT2-MT4-CGH-5	840-006	MT 2	MT 4	0.94	3.94	8.81	CGH-0937	100 PSI	750 PSI	5000	SK-0937
MT2-MT5-CGH-5	840-007	MT 2	MT 5	0.94	4.12	10.25	CGH-0937	100 PSI	750 PSI	5000	SK-0937
MT3-MT3-CGH-5	840-002	MT 3	MT 3	1.25	4.81	8.68	CGH-1250	100 PSI	750 PSI	4000	SK-1250
MT3-MT4-CGH-5	840-008	MT 3	MT 4	1.25	4.87	9.75	CGH-1250	100 PSI	750 PSI	4000	SK-1250
MT3-MT5-CGH-5	840-009	MT 3	MT 5	1.25	4.87	11.00	CGH-1250	100 PSI	750 PSI	4000	SK-1250
MT4-MT4-CGH-6	840-003	MT 4	MT 4	1.62	5.81	10.68	CGH-1625	100 PSI	750 PSI	3300	SK-1625
MT4-MT5-CGH-6	840-010	MT 4	MT 5	1.62	5.81	8.44	CGH-1625	100 PSI	750 PSI	3300	SK-1625
MT5-MT5-CGH-8	840-004	MT 5	MT 5	2.25	7.19	13.31	CGH-2250	100 PSI	750 PSI	2800	SK-2250
MT5-MT6-CGH-8	840-011	MT 5	MT 6	2.25	7.38	15.94	CGH-2250	100 PSI	750 PSI	2800	SK-2250

\* - Standard RPM Coolant Glands also available. Substitute "CGS" for "CGH" in Assembly Part Numbers listed above.

(1), (2) - These are recommended pressures. Lower coolant pressures may be utilized at very slow RPM's. Pressures above recommended PSI may cause internal damage to seals.

(3) - Recommended Maximum RPM at Maximum 750 PSI. Higher speeds may be achieved at lower pressures.

**These RPM and Pressure ranges are not a guarantee of performance.** The life and performance of the units depends on the following conditions:

Proper Filtration - Proper Type & Viscosity of Coolant - Coolant Pressure and Volume.

**All units require coolant at all speeds.**