



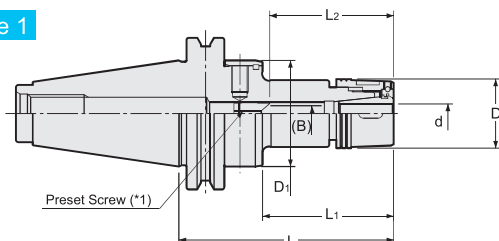
# GDC·A

## High-Precision Collet Holder ( High-Balanced Type )

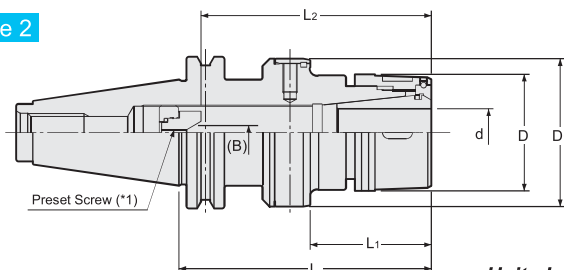
Suitable for high speed rotation drilling, reaming, and finish endmilling.

Max RPM  
20,000

Type 1



Type 2



Unit : Inch

| Code          | Model              | Type | d               | L     | L1    | (B)           | L2              | D     | D1    | kg  | Preset Screw | Nut     | Collet   | Spanner |
|---------------|--------------------|------|-----------------|-------|-------|---------------|-----------------|-------|-------|-----|--------------|---------|----------|---------|
| 1970 00407090 | CAT40 -GDC07A -90  | 1    | 0.020<br>-0.276 | 3.543 | 2.165 | 0.0<br>-0.157 | 0.866<br>-1.772 | 0.906 | 1.750 | 1.1 | HDS-07       | HDP-07A | FDC-07AA | S-0     |
| 1970 00407120 | -120               | 1    | 0.020<br>-0.276 | 4.724 | 3.346 | 0.0<br>-0.157 | 0.866<br>-1.772 | 0.906 | 1.750 |     |              |         |          |         |
| 1970 00409090 | -GDC09A -90        | 1    | 0.098<br>-0.354 | 3.543 | 2.165 | 0.0<br>-0.157 | 1.063<br>-2.244 | 1.142 | 1.750 | 1.2 | HDS-09       | GDP-09  | FDC-09AA | FK-0025 |
| 1970 00409120 | -120               | 1    | 0.098<br>-0.354 | 4.724 | 3.346 | 0.0<br>-0.157 | 1.063<br>-2.244 | 1.142 | 1.750 | 1.3 |              |         |          |         |
| 1970 00412105 | -GDC12A -105       | 1    | 0.098<br>-0.472 | 4.134 | 2.756 | 0.0<br>-0.197 | 1.299<br>-2.677 | 1.339 | 1.750 |     | HDS-12       | GDP-12  | FDC-12AA | FK-0030 |
| 1970 00412135 | -135               | 1    | 0.098<br>-0.472 | 5.315 | 3.937 | 0.0<br>-0.197 | 1.299<br>-2.677 | 1.339 | 1.750 |     |              |         |          |         |
| 1970 00416105 | -GDC16A -105       | 1    | 0.138<br>-0.630 | 4.134 | 2.756 | 0.0<br>-0.236 | 1.496<br>-3.189 | 1.496 | 1.750 | 1.4 | HDS-16       | GDP-16  | FDC-16AA | FK-0034 |
| 1970 00416135 | -135               | 1    | 0.138<br>-0.630 | 5.315 | 3.937 | 0.0<br>-0.236 | 1.496<br>-3.189 | 1.496 | 1.750 |     |              |         |          |         |
| 1970 00422105 | -GDC22A -105       | 2    | 0.138<br>-0.866 | 4.134 | 1.969 | 0.0<br>-0.315 | 1.850<br>-4.055 | 1.929 | 2.441 |     | HDS-22       | GDP-22  | FDC-22AA | FK-0045 |
| 1970 00422135 | -135               | 2    | 0.138<br>-0.866 | 5.315 | 3.150 | 0.0<br>-0.315 | 1.850<br>-4.055 | 1.929 | 2.441 |     |              |         |          |         |
| 1970 00507105 | CAT50 -GDC07A -105 | 1    | 0.020<br>-0.276 | 4.134 | 2.756 | 0.0<br>-0.157 | 0.866<br>-1.772 | 0.906 | 2.750 |     | HDS-07       | HDP-07A | FDC-07AA | S-0     |
| 1970 00507135 | -135               | 1    | 0.020<br>-0.276 | 5.315 | 3.937 | 0.0<br>-0.157 | 0.866<br>-1.772 | 0.906 | 2.750 |     |              |         |          |         |
| 1970 00509105 | -GDC09A -105       | 1    | 0.098<br>-0.354 | 4.134 | 2.756 | 0.0<br>-0.157 | 1.063<br>-2.244 | 1.142 | 2.750 |     | HDS-09       | GDP-09  | FDC-09AA | FK-0025 |
| 1970 00509135 | -135               | 1    | 0.098<br>-0.354 | 5.315 | 3.937 | 0.0<br>-0.157 | 1.063<br>-2.244 | 1.142 | 2.750 |     |              |         |          |         |
| 1970 00512105 | -GDC12A -105       | 1    | 0.098<br>-0.472 | 4.134 | 2.756 | 0.0<br>-0.197 | 1.299<br>-2.677 | 1.339 | 2.750 |     | HDS-12       | GDP-12  | FDC-12AA | FK-0030 |
| 1970 00512135 | -135               | 1    | 0.098<br>-0.472 | 5.315 | 3.937 | 0.0<br>-0.197 | 1.299<br>-2.677 | 1.339 | 2.750 |     |              |         |          |         |
| 1970 00516105 | -GDC16A -105       | 1    | 0.138<br>-0.630 | 4.134 | 2.756 | 0.0<br>-0.236 | 1.496<br>-3.189 | 1.496 | 2.750 |     | HDS-16       | GDP-16  | FDC-16AA | FK-0034 |
| 1970 00516135 | -135               | 1    | 0.138<br>-0.630 | 5.315 | 3.937 | 0.0<br>-0.236 | 1.496<br>-3.189 | 1.496 | 2.750 | 3.5 |              |         |          |         |
| 1970 00522105 | -GDC22A -105       | 1    | 0.138<br>-0.866 | 4.134 | 2.756 | 0.0<br>-0.315 | 1.850<br>-4.055 | 1.929 | 2.750 |     | HDS-22       | GDP-22  | FDC-22AA | FK-0045 |
| 1970 00522135 | -135               | 1    | 0.138<br>-0.866 | 5.315 | 3.937 | 0.0<br>-0.315 | 1.850<br>-4.055 | 1.929 | 2.750 |     |              |         |          |         |

1\*.Collet, preset screw, and spanner are sold separately.

2.Refer to COL 37 for minimum tool insertion length in case of using our coolant collets (OH,C or MS).

3.L2 indicates dimension when using with a preset screw.

4. See COL 38 for standard Tightening Torque.



### Ordering Example

**CAT40 - GDC 09 A - 90**

Shank size

Max. collet I.D.

Projection  
length (L)