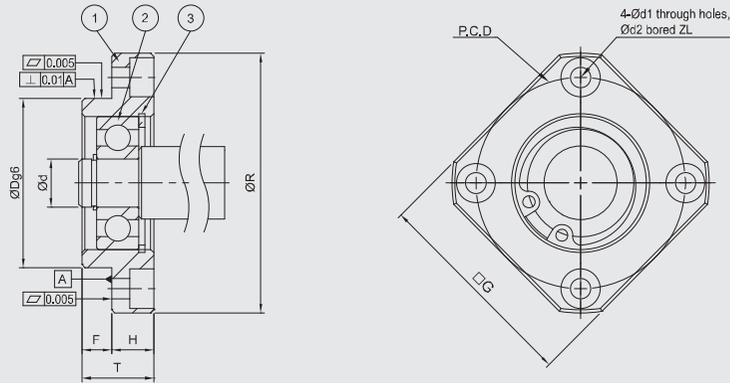


| Model No. | Parts no. ① |                |
|-----------|-------------|----------------|
|           | Material    | Surface Finish |
| GTR □□ -B | S50C        | Black Dyed     |
| GTR □□ -N |             | Ni-Plating     |

GTR06 ~ GTR25



Specification

| Standard Type | Dimensions |          |             |    |    |    |                      |     |           |           |
|---------------|------------|----------|-------------|----|----|----|----------------------|-----|-----------|-----------|
|               | $\phi d$   | $\phi R$ | $\square G$ | T  | H  | F  | $\phi Dg6$           | PCD | $\phi d1$ | $\phi d2$ |
| GTR06-□       | 6          | 36       | 28          | 10 | 6  | 4  | 22 <sup>+0.010</sup> | 28  | 3.4       | 6.5       |
| GTR10-□       | 10         | 43       | 35          | 12 | 7  | 5  | 28 <sup>+0.010</sup> | 35  | 3.4       | 6.5       |
| GTR12-□       | 12         | 52       | 42          | 15 | 7  | 8  | 34 <sup>+0.010</sup> | 42  | 4.5       | 8         |
| GTR15-□       | 15         | 63       | 52          | 17 | 9  | 8  | 40 <sup>+0.010</sup> | 50  | 5.5       | 9.5       |
| GTR20-□       | 20         | 85       | 68          | 20 | 11 | 9  | 57 <sup>+0.010</sup> | 70  | 6.6       | 11        |
| GTR25-□       | 25         | 98       | 79          | 24 | 14 | 10 | 63 <sup>+0.010</sup> | 80  | 9         | 14        |

|                  |           |            |                |                  |
|------------------|-----------|------------|----------------|------------------|
| Ordering Example | GTR       | 10         | N              | J                |
|                  | Model No. | Shaft Dia. | Surface finish | Bearing category |



GTR-B

GTR-N

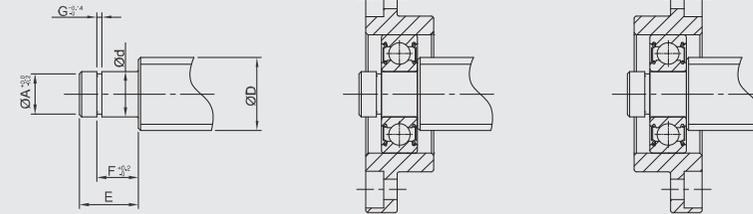


Components

| No. | Parts        | Material | Q'ty |
|-----|--------------|----------|------|
| ①   | Main housing | S50C     | 1    |
| ②   | Bearing      | SUJ2     | 1    |
| ③   | Snap ring    | SWB      | 1    |

- Bearing filled with proper lithium soap lubricant maintenance free.
- Bearing with two steel covers in black dyed.
- Bearing with two touch-type plastic covers in Ni-plating.

Recommended processing dimensions of shaft



Unit : mm

|     | Recommended processing dimensions of shaft |                      |                                     |    |       |      | Snap ring |
|-----|--|----------------------|-------------------------------------|----|-------|------|-----------|
|     | Ball Screw Shaft O. D.                     | Shaft End Diameter   | Groove sizes machined for snap ring |    |       |      |           |
| Z   | $\phi D$                                   | $\phi d$             | $\phi A$                            | E  | F     | G    |           |
| 4   | 8  | 6 <sup>+0.005</sup>  | 5.7                                 | 9  | 6.8   | 0.8  | S 06      |
| 4   | 12 / 14 / 15                               | 8 <sup>+0.005</sup>  | 7.6                                 | 10 | 7.9   | 0.9  | S 08      |
| 4   | 14 / 15 / 16                               | 10 <sup>+0.005</sup> | 9.6                                 | 11 | 9.15  | 1.15 | S 10      |
| 5.5 | 18 / 20                                    | 15 <sup>+0.005</sup> | 14.3                                | 13 | 10.15 | 1.15 | S 15      |
| 6.5 | 25 / 28 / 30                               | 20 <sup>+0.005</sup> | 19                                  | 19 | 15.35 | 1.35 | S 20      |
| 8.5 | 30 / 32 / 36                               | 25 <sup>+0.005</sup> | 23.9                                | 20 | 16.35 | 1.35 | S 25      |

\* Fixed Side spec please refer to P.46~P.47