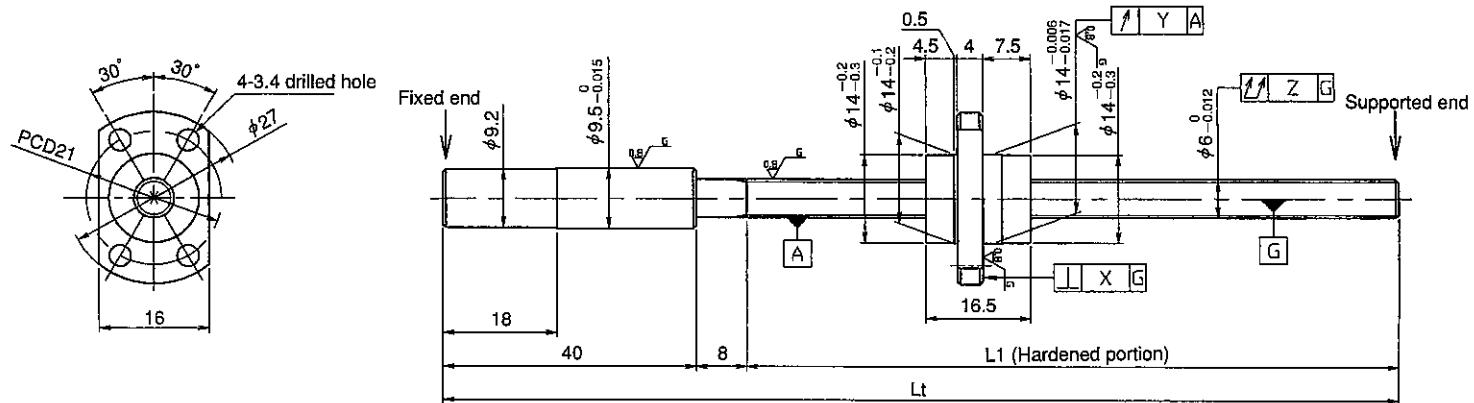


KURODA Standard Ground Ball Screw : HG Series (Accuracy grade C5)

UNFINISHED SHAFT ENDS

 Screw shaft diameter $\phi 6$, Lead 6

(Unit : mm)


Notation of standard ground ball screw

 ● Standard length shaft without end machining
 HG0606QS-HEZR-□□□□A

 ● With end machining specified on your drawing
 HG0606QS-□EZR-□□□□X□□□□-C5H

Overall length Thread length

- JIS B 1192-1987 applies to accuracy standard values shown in the above-mentioned table.
- Asterisked part* : The lip of the end cap serves as a wiper.
- End cap is made of resin (PPS).
- Support unit : BUK-6 and BUM-6 is recommended. (Refer to P.398)
- The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant.

| Model No. | Axial clearance | L ₁ | L _t | X | Y | Z | Lead accuracy | | | Wiper | Mass (kg) |
|---------------------|-----------------|----------------|----------------|-------|-------|-------|---------------|-------|-------|-------|-----------|
| | | | | | | | ±Ec | ec | e300 | | |
| HG0606QS-HEZR-0210A | ~0.010 (H) | 162 | 210 | 0.010 | 0.012 | 0.065 | 0.023 | 0.018 | 0.018 | ※ | 0.09 |

Table of optional specifications for each model

| Additional machining of shaft end | Axial clearance adjustment (Note 2) | Surface treatment (Note 1) | Difference of grease | Direction of nut | Wiper removal |
|-----------------------------------|-------------------------------------|----------------------------|----------------------|------------------|---------------|
| ○ | △ | ○ | ○ | ○ | — |

 (Note 1) The above-mentioned surface treatment is LD treatment (coating thickness : 1 to 2 μ m).

In case of LD treatment, treatment of end cap is omitted.

(Note 2) For axial clearance adjustment, contact KURODA.

Ball screw specifications

| | | | |
|--------------------|------------------|---------------------------|-------------|
| Screw shaft dia. | 6 | Axial clearance | ~0.010 (H) |
| Lead | 6 | Basic dynamic load rating | 760N |
| Thread direction | Right-hand | Basic static load rating | 1140N |
| Number of circuits | 1.5turn 2circuit | Spacer ball | — |
| Ball diameter | 1.000 | Lubricant | Multemp PS2 |
| Number of thread | 2 | | |