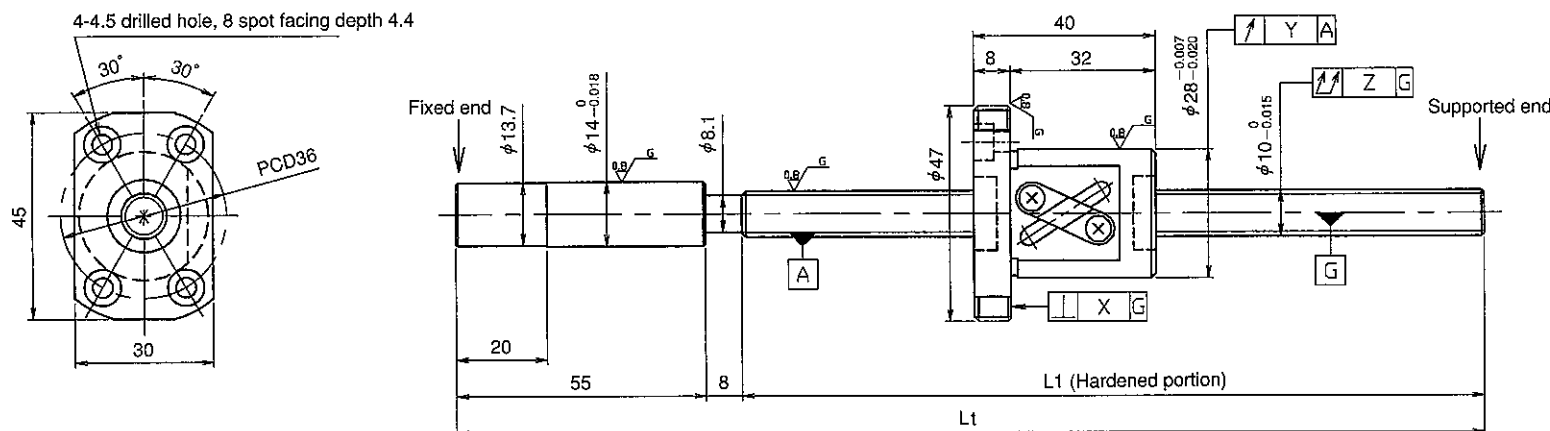


KURODA Standard Ground Ball Screw : GE Series (Accuracy grade C7)/GG Series (Accuracy grade C5)

UNFINISHED SHAFT ENDS

 Screw shaft diameter $\phi 10$, Lead 10

(Unit : mm)


Notation of standard ground ball screw

● Standard length shaft without end machining

GE1010AS-BAPR-□□□□A

GG1010AS-BAPR-□□□□A

● With end machining specified on your drawing

GE1010AS-□A□R-□□□□X□□□□-C7M

GG1010AS-□A□R-□□□□X□□□□-C5□

Overall length Thread length

Model No.	Axial clearance	L ₁	L ₁	X	Y	Z	Preload torque (N·cm)	Lead accuracy			Wiper	Mass (kg)
GE1010AS-BAPR-0255A	~0.030 (M)	192	255	0.014	0.020	0.080	—	0.05	—	—	Plastics wiper	0.41
GE1010AS-BAPR-0455A		392	455			0.120						0.53
GE1010AS-BAPR-0655A		592	655			0.150						0.66
*GG1010AS-BAPR-0255A	~0.005 (F)	192	255	0.010	0.012	0.055	~1.0	0.023	0.018	0.018	Plastics wiper	0.41
*GG1010AS-BAPR-0455A		392	455			0.080		0.025	0.020			0.53
GG1010AS-BAPR-0655A		592	655			0.090		0.030	0.023			0.66

• JIS B 1192-1987 (GG series) applies to accuracy standard values shown in the above-mentioned table.

• Support unit : BUK-10A (BUK-10F, BUK-8S) and BUM-10 is recommended. (Refer to P.398)

• Product with axial clearance ~0.005 (F) shown in the table may be partially preloaded.

• Preload torque shown in the table is a value before greasing.

• The grease is contained inside of nut only at the time of delivery. When using it, apply lubricant.

• For asterisked * model with unworked shaft ends equivalent to lead accuracy grade C3, contact KURODA.

Table of optional specifications for each model

Series	Additional machining of shaft end	Axial clearance adjustment (Note 2)	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
GE	○	×	○	○	○	○
GG	○	○	○	○	○	○

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

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

Ball screw specifications

Screw shaft dia.	10	Axial clearance	~0.030 (M) ~0.005 (F)
Lead	10	Basic dynamic load rating	2200N
Thread direction	Right-hand	Basic static load rating	3500N
Number of circuits	1.5turn 1circuit	Spacer ball	—
Ball diameter	2.3812	Lubricant	Alvania Grease No.2