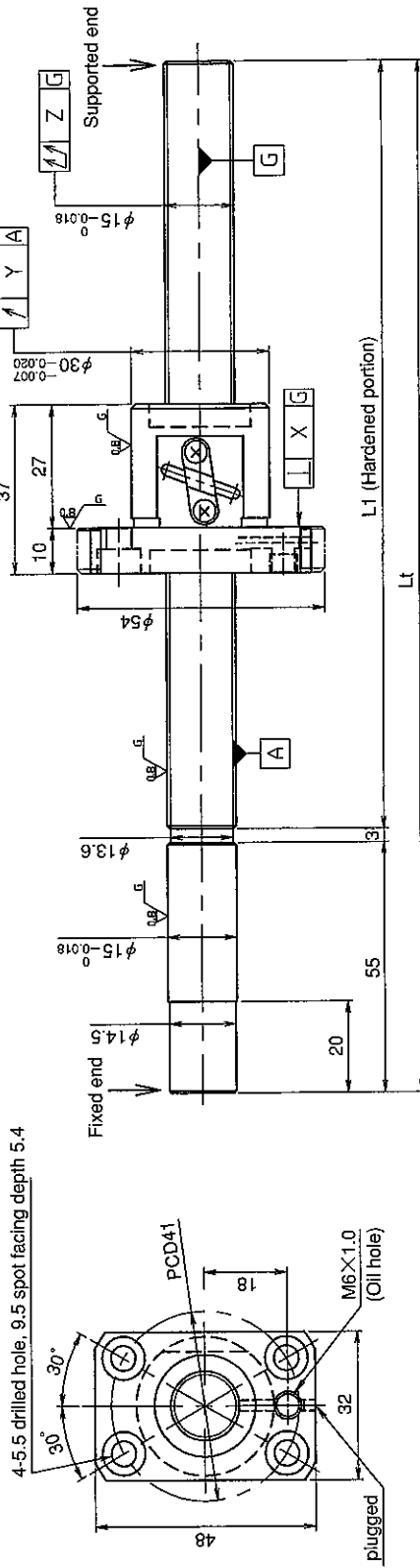


UNFINISHED SHAFT ENDS

Screw shaft diameter ϕ 15, Lead 2

(Unit : mm)



Notation of standard ground ball screw

- Standard length shaft without end machining
 GE1502DS-BAPR-□□□□A
 GG1502DS-BAPR-□□□□A
- With end machining specified on your drawing
 GE1502DS-□A□R-□□□□X□□□□-C7M
 GG1502DS-□A□R-□□□□X□□□□-C5□

Overall length Thread length

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	○	X	○	○	○	○
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.

Model No.	Axial clearance	L ₁	L ₂	X	Y	Z	Preload torque (N·cm)	Lead accuracy		Wiper	Mass (kg)
								±Ec	ec		
GE1502DS-BAPR-0300A	~0.030 (M)	242	300	0.014	0.020	0.070	—	0.05	—	Plastics wiper	0.64
GE1502DS-BAPR-0600A	~0.030 (M)	542	600	0.014	0.020	0.110	—	0.05	—	Plastics wiper	1.05
*GG1502DS-BAPR-0300A	~0.005 (F)	242	300	0.010	0.012	0.045	~2.0	0.023	0.018	Plastics wiper	0.64
*GG1502DS-BAPR-0600A	~0.005 (F)	542	600	0.010	0.012	0.075	~2.0	0.030	0.023	Plastics wiper	1.05

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

● Support unit : BUK-12A (BUK-12F, BUK-10S) and BUM-12 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.

Ball screw specifications

Screw shaft dia.	15	Axial clearance	~0.030 (M)	~0.005 (F)
Lead	2	Basic dynamic load rating	2700N	
Thread direction	Right-hand	Basic static load rating	5500N	
Number of circuits	2.5turn 1circuit	Spacer ball	—	
Ball diameter	1.5875	Lubricant	Alvania Grease No.2	

