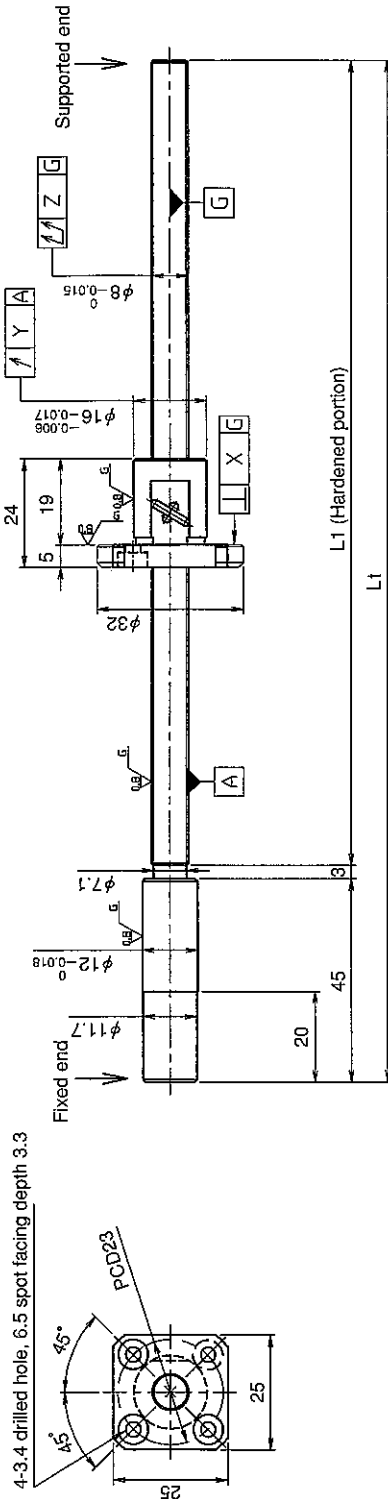


**UNFINISHED SHAFT ENDS**

**Screw shaft diameter  $\phi 8$ , Lead 1.5**

(Unit : mm)



**Notation of standard ground ball screw**

- Standard length shaft without end machining  
 GE081FDS-AANR-□□□□□A  
 GG081FDS-AANR-□□□□□A
- With end machining specified on your drawing  
 GE081FDS-□ANR-□□□□□X□□□□-C7M  
 GG081FDS-□ANR-□□□□□X□□□□□-C5□

Overall length Thread length

Model No.	Axial clearance	L1	Lt	X	Y	Z	Preload torque (N·cm)	Lead accuracy		Wiper	Mass (kg)
								±Ec	ec		
GE081FDS-AANR-0215A	~0.030 (M)	167	215	0.014	0.020	0.100	—	0.05	—	—	0.20
*GG081FDS-AANR-0215A	~0.005 (F)			0.010	0.012	0.065	~0.5	0.023	0.018	—	0.20

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

• Support unit : BUK-8A (BUK-8F, BUK-6S) and BUM-8 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	○	X	○	○	○	—
GG	○	○	○	○	○	—

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

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

**Ball screw specifications**

Screw shaft dia.	8	Axial clearance	~0.030 (M)	~0.005 (F)
Lead	1.5	Basic dynamic load rating	850N	
Thread direction	Right-hand	Basic static load rating	1900N	
Number of circuits	2.5turn 1circuit	Spacer ball	—	
Ball diameter	1	Lubricant	Alvania Grease No.2	

