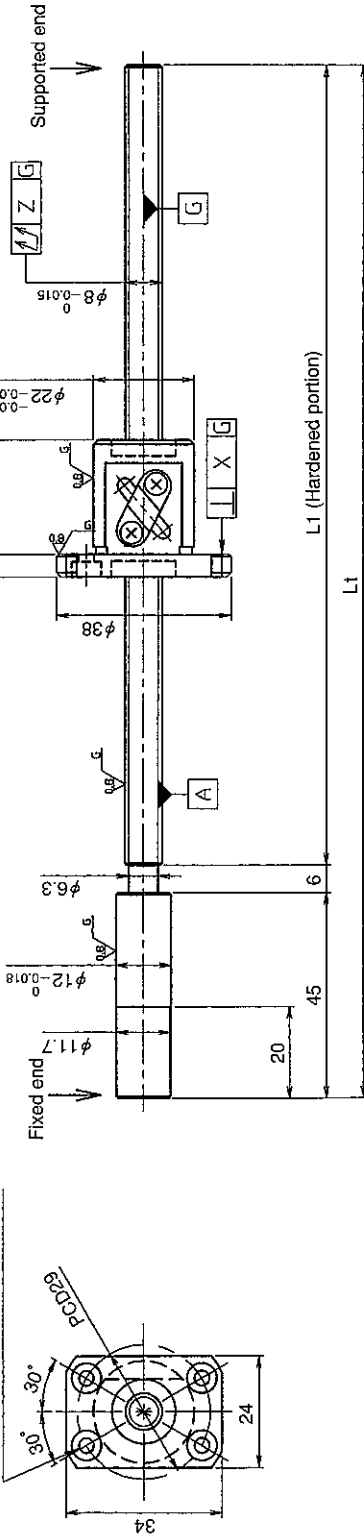


# UNFINISHED SHAFT ENDS

# Screw shaft diameter φ8, Lead 4

(Unit : mm)

4-3.4 drilled hole, 6.5 spot facing depth 3.3



**Notation of standard ground ball screw**

- Standard length shaft without end machining
- GE0804DS-BAFR-□□□□A
- GG0804DS-BAFR-□□□□A
- With end machining specified on your drawing
- GE0804DS-□AFR-□□□□X□□□□-C7M
- GG0804DS-□AFR-□□□□X□□□□-C5□

Overall length      Thread length

Model No.	Axial clearance	L1	L1	X	Y	Z	Preload torque (N·cm)		Lead accuracy		Wiper	Mass (kg)
							±Ec	ec	±Ec	ec		
GE0804DS-BAFR-0215A	~0.030 (M)	164	215	0.014	0.020	0.100	—	—	—	—	—	0.20
GE0804DS-BAFR-0340A	~0.030 (M)	289	340	0.014	0.020	0.100	—	—	—	—	—	0.25
*GG0804DS-BAFR-0215A	~0.005 (F)	164	215	0.010	0.012	0.065	~0.5	~0.023	0.018	0.018	Felt wiper	0.20
*GG0804DS-BAFR-0340A	~0.005 (F)	289	340	0.010	0.012	0.075	~0.5	~0.023	0.018	0.018	Felt wiper	0.25

- 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 μm). As coating may be peeled off by wiper in case of LD treatment, remove wiper.

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

**Ball screw specifications**

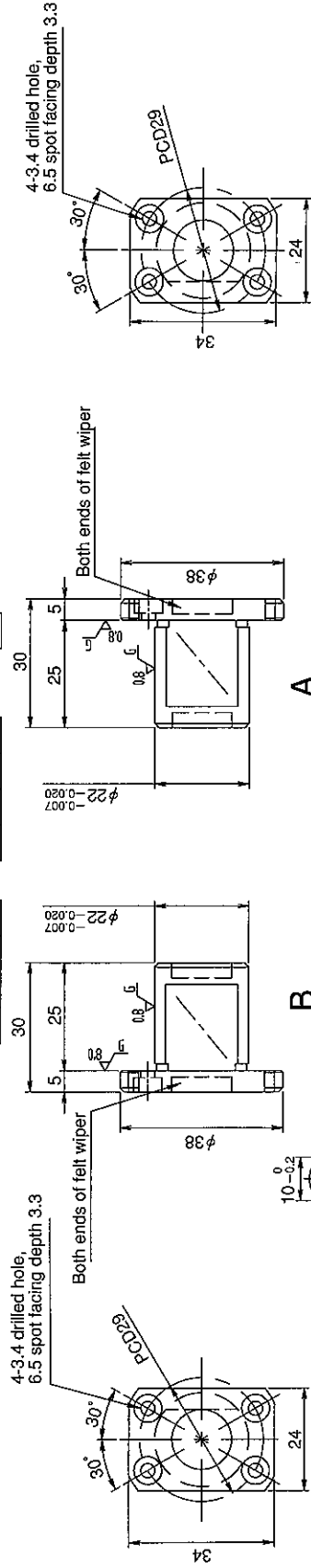
Screw shaft dia.	8	Axial clearance	~0.030 (M)	~0.005 (F)
Lead	4	Basic dynamic load rating	2350N	
Thread direction	Right-hand	Basic static load rating	3300N	
Number of circuits	2.5turn 1circuit	Spacer ball	—	
Ball diameter	2.000	Lubricant	Alvania Grease No.2	

**SHAFT END FINISH ORDERING SHEET**

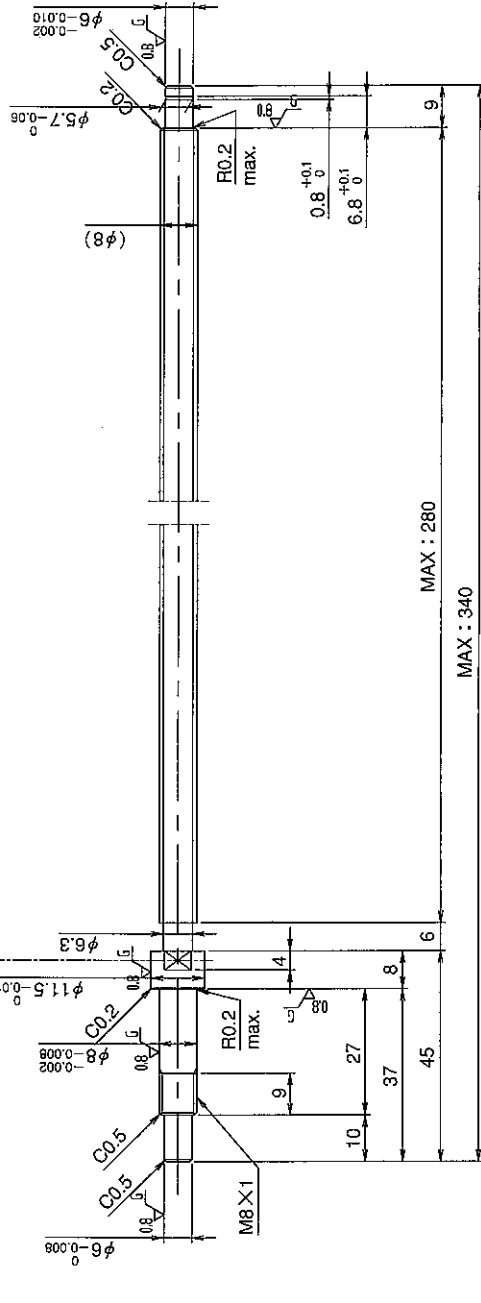
Screw shaft diameter  $\phi 8$ , Lead 4

(Unit : mm)

GE0804DS-BAFR-  X  -C7M  
 GG0804DS-BAFR-  X  -C5



Select the orientation of nut flange by circling A or B.  
 No marking means "B" orientation as default.



Applicable Support Unit

Direct mount : BUK-8A (Fixed end unit+Supported end unit) Refer to Page.403

Circle flange : BUM-8 (Fixed end unit+Supported end bearing) Refer to Page.410

Company Name	
Telephone	Name of Person in Charge
Company Address	