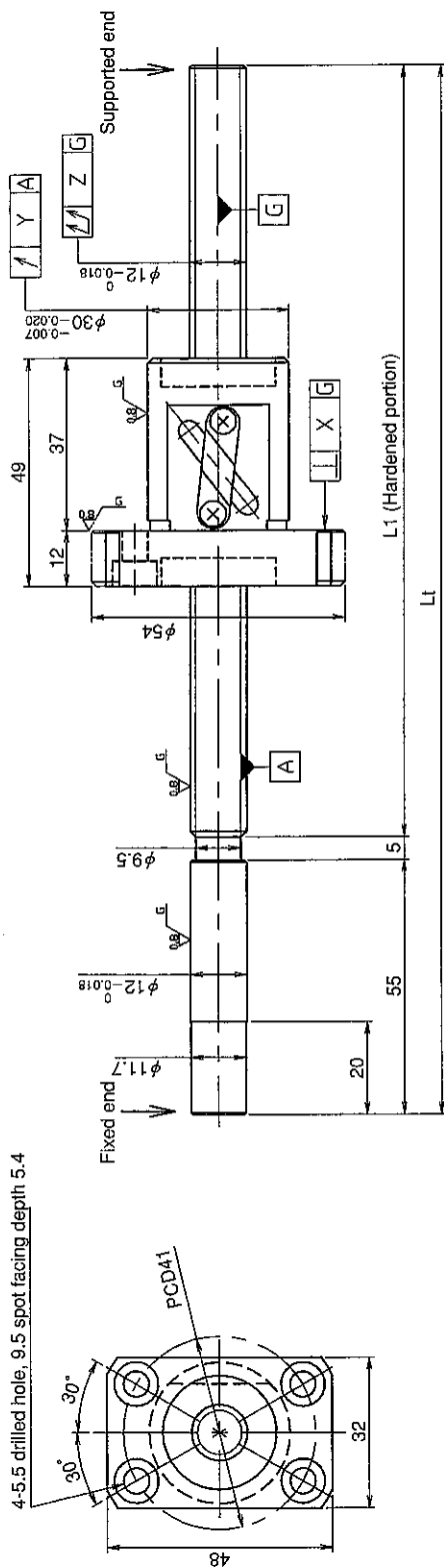


UNFINISHED SHAFT ENDS

Screw shaft diameter ϕ 12, Lead 10

(Unit : mm)



Model No.	Axial clearance	L1	Lt	X	Y	Z	Preload torque (N·cm)		Lead accuracy		Wiper	Mass (kg)
							±Ec	ec	±Ec	ec		
GE1210AS-BALR-0455A	~0.030 (M)	395	455	0.014	0.020	0.120	—	—	—	—	—	0.79
GE1210AS-BALR-0605A		545	605									
*GG1210AS-BALR-0455A	~0.005 (F)	395	455	0.010	0.012	0.080	~2.0	~2.0	0.025	0.020	Lip seal	0.79
*GG1210AS-BALR-0605A		545	605									

● 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	○	X	○	○	○	○
GG	○	○	○	○	○	○

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

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

Ball screw specifications

Screw shaft dia.	12	Axial clearance	~0.030 (M)	~0.005 (F)
Lead	10	Basic dynamic load rating	3850N	
Thread direction	Right-hand	Basic static load rating	5900N	
Number of circuits	1.5turn 1circuit	Spacer ball	—	
Ball diameter	3.175	Lubricant	Alvania Grease No.2	

