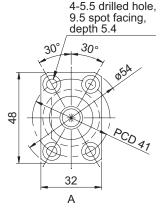
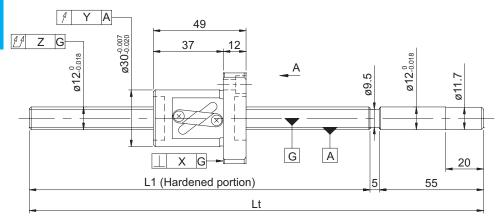
Ball screw specifications

Objectively and the control of the c		40 40		
Shaft diameter (mm) - Lead (mm)	12 - 10			
Number of circuits /	1.5 turns 1 circuit /			
Thread direction	Right-hand			
Ball diameter (mm)	3.175			
Root diameter (mm)	9.5			
Series	GG		GE	
Basic dynamic load rating C (N)	3850			
Basic static load rating C0 (N)	5900			
Accuracy grade /	C5 / S	C5 / F	C7 / M	
Axial clearance symbol				
Axial clearance (mm)	0	0.005 or less	0.030 or less	
Preload torque (N·cm)	1.0 to 5.5	Up to 2.0		
Spacer ball	None			
Recirculation system	Tube method			
Wiper	Lip seal			
Lubricant	Alvania Grease S2			





Model No.	Screw shaft length		Maximum stroke	Lead accuracy		
(Unfinished shaft ends)	L1	Lt	(L1 - nut length)	±Ε。	e _c	e ₃₀₀
GG1210AS-BALR-0455A	395	455	346	0.025	0.020	0.010
GG1210AS-BALR-0605A	545	605	496	0.030 0.023		0.018
GE1210AS-BALR-0455A	395	455	346	0.05/200		
GE1210AS-BALR-0605A	545	605	496	0.05/300		

- · Product with axial clearance of 0.005 or less (F) shown may be partially preloaded.
- · Preload torque is a value before applying grease.

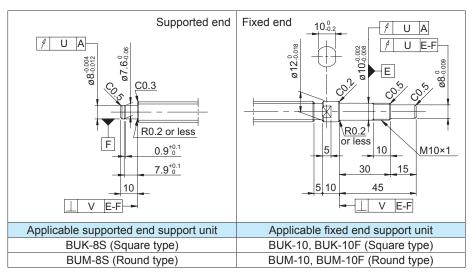
Shaft end finish type

Standard precision ball screws are available with KURODA's recommended shaft end finish types for each size.

Other than KURODA's recommended shaft end finish types described below, additional machining including keyways, tapped holes, and D-cut processing are also available if requested. Please contact KURODA with your orders. Model examples for finished shaft ends are described below. **Model example:** Unfinished shaft ends (See left figure) \rightarrow Finished shaft ends

GG1210AS-BALR-0605A → GG1210AS-BALR-0605X0535-C5F

→Thread length
→Overall screw shaft length



Optional specifications

• Anticorrosive black coating (coating thickness: 1 to 2 µm) is available.

Accuracy of each part		Preload torque (N·cm)		Mass			
Х	Υ	Z	U	V	Without clearance	With clearance	(kg)
0.010	0.010	0.080	0.044 0.005 4.0 to 5.5	1.0 to 5.5	Up to 2.0	0.63	
0.010 0.012	0.090	0.011	0.005	1.0 to 5.5		0.75	
0.014	0.000	0.120					0.63
0.014 0.020	0.150					0.75	

- At the time of delivery, grease is inserted inside of the nut, with rust-preventive oil also applied.
 Before and during use, apply lubricant where appropriate.
- For models with lead accuracy grade of C3 or higher and unfinished shaft ends, consult KURODA.