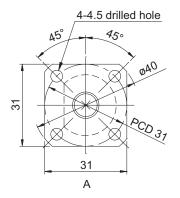
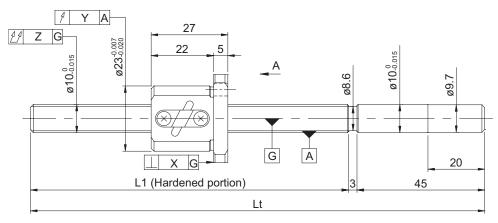
## • Ball screw specifications

- Dan Solow Specification					
Shaft diameter (mm) - Lead (mm)	10 - 2				
Number of circuits /	2.5 turns 1 circuit /				
Thread direction	Right-hand				
Ball diameter (mm)	1.5875				
Root diameter (mm)	8.6				
Series	G	GE			
Basic dynamic load rating C (N)	2250				
Basic static load rating C0 (N)	3300				
Accuracy grade / Axial clearance symbol	C5 / S	C5 / F	C7 / M		
Axial clearance (mm)	0	0.005 or less	0.030 or less		
Preload torque (N·cm)	0.1 to 2.5 Up to 0.5				
Spacer ball	None				
Recirculation system	Tube method				
Wiper	None				
Lubricant	Alvania Grease S2				





Model No.	Screw shaft length		Maximum stroke	Lead accuracy		
(Unfinished shaft ends)	L1	Lt	(L1 - nut length)	±E。	e <sub>c</sub>	e <sub>300</sub>
GG1002DS-EANR-0250A	202	250	175	0.023	0.018	0.018
GG1002DS-EANR-0320A	272	320	245	0.023		
GE1002DS-EANR-0250A	202	250	175	0.05/200		
GE1002DS-EANR-0320A	272	320	245	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

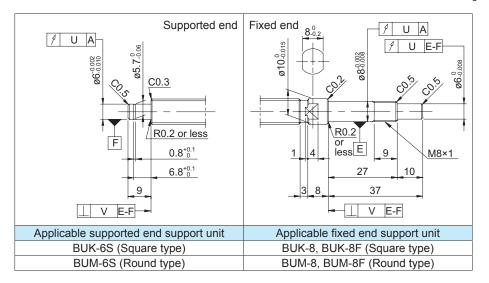
Standard precision ball screws are available with KURODA's recommended shaft end finish types for each size.

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.

 $\textbf{Model example:} \ \, \textbf{Unfinished shaft ends (See left figure)} \ \to \ \, \textbf{Finished shaft ends}$ 

GG1002DS-EANR-0320A → GG1002DS-EANR-0320X0263-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			
X	Υ	Z	U	V	Without clearance	With clearance	(kg)
0.010	0.012	0.055	0.011 0.005	0.1 to 2.5	Up to 0.5	0.22	
0.010 0.012	0.065	0.011	0.005			0.26	
0.014	0.020	0.080					0.22
0.014 0.020	0.100				0.26		

- 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.