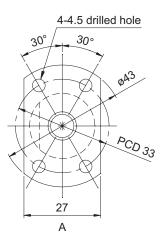
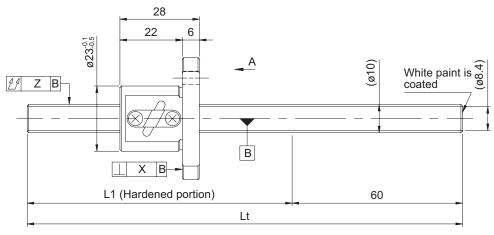
## Ball screw specifications

- an obtain openionic				
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)	8.4			
Series	GY			
Basic dynamic load rating C (N)	1700			
Basic static load rating C0 (N)	3000			
Accuracy grade /	C10 / Y			
Axial clearance symbol				
Axial clearance (mm)	0.050 or less			
Preload torque (N·cm)				
Recirculation system	Tube method			
Wiper	None			
Lubricant	Alvania Grease S2			
Phosphate coating	Screw shaft, nut			





Model No. (Unfinished shaft ends)	L1	Lt	Maximum stroke (L1 - nut length)
GY1002DS-HANR-0400A	340	400	312
GY1002DS-HANR-0600A	540	600	512

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.

## Shaft end finish type

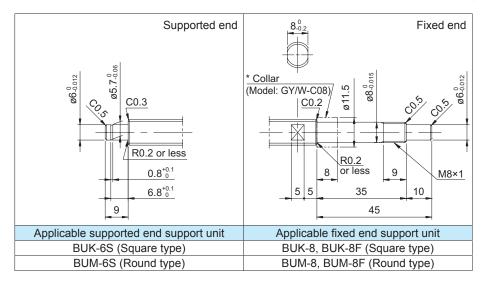
Standard rolled ball screws are available with KURODA's recommended shaft end finish types for each size.

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) → Finished shaft ends

GY1002DS-HANR-0600A → GY1002DS-HANR-0585X0531-CAY

→Thread length →Overall screw shaft length



## Optional specifications

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

Lead accuracy	Accuracy of each part		Mass
Cumulative lead error	X	Z	(kg)
0.21/300		0.150	0.35
		0.240	0.48