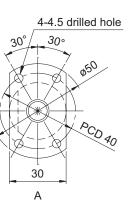
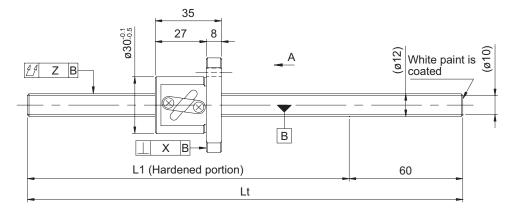
• Ball screw specifications

Shaft diameter (mm) - Lead (mm)	12 - 4		
Number of circuits /	2.5 turns 1 circuit /		
Thread direction	Right-hand		
Ball diameter (mm)	2.3812		
Root diameter (mm)	10		
Series	GW	GY	
Basic dynamic load rating C (N)	2600		
Basic static load rating C0 (N)	5800		
Accuracy grade /	C7 / Y	C10 / Y	
Axial clearance symbol	0771		
Axial clearance (mm)	0.030 or less	0.050 or less	
Preload torque (N·cm)			
Recirculation system	Tube method		
Wiper	None		
Lubricant	Alvania Grease S2		
Phosphate coating	Nut alone	Screw shaft, nut	





Model No. (Unfinished shaft ends)	L1	Lt	Maximum stroke (L1 - nut length)
GW1204DS-HANR-0400A	340	400	305
GW1204DS-HANR-0800A	740	800	705
GY1204DS-HANR-0400A	340	400	305
GY1204DS-HANR-0800A	740	800	705

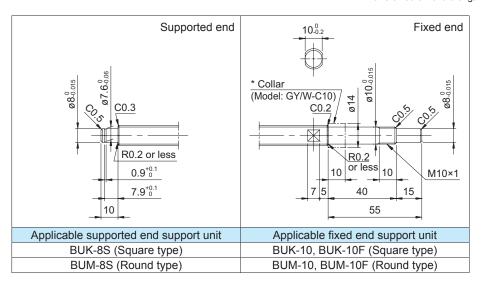
• At the time of delivery, grease is inserted inside of the nut, with rust-preventive oil also applied. Before and during use, apply lubricant where appropriate.

• 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) \rightarrow Finished shaft ends

GY1204DS-HANR-0800A → GY1204DS-HANR-<u>0795</u>X<u>0730</u>-CAY



Optional specifications

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

Lead accuracy	Accuracy of each part		Mass
Cumulative lead error	Х	Z	(kg)
0.05/300 0.020	0.080	0.57	
	0.200	0.92	
0.21/300		0.150	0.57
		0.320	0.92