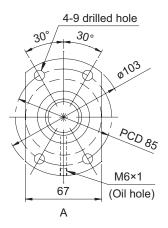
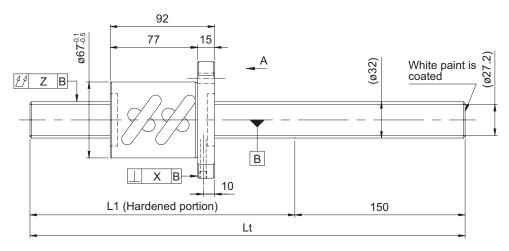
• Ball screw specifications

Shaft diameter (mm) - Lead (mm)	32 - 10		
Number of circuits /	2.5 turns 2 circuits /		
Thread direction	Right-hand		
Ball diameter (mm)	6.35		
Root diameter (mm)	27.2		
Series	GY		
Basic dynamic load rating C (N)	32800		
Basic static load rating C0 (N)	86700		
Accuracy grade /	C10 / Y		
Axial clearance symbol			
Axial clearance (mm)	0.200 or less		
Preload torque (N·cm)			
Recirculation system	Tube method		
Wiper	Brush wiper		
Lubricant	Alvania Grease S2		
Phosphate coating	Screw shaft, nut		





Model No. (Unfinished shaft ends)	L1	Lt	Maximum stroke (L1 - nut length)
GY3210ES-HUBR-1000A	850	1000	758
GY3210ES-HUBR-2000A	1850	2000	1758
GY3210ES-HUBR-3000A	2850	3000	2758

[•] 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.

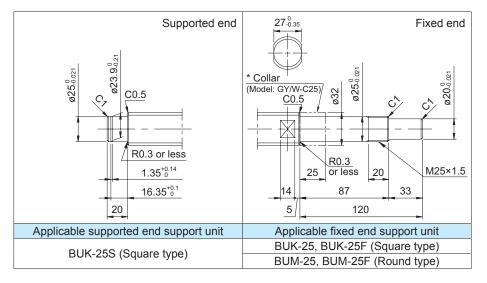
Shaft end finish type

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

GY3210ES-HUBR-3000A → GY3210ES-HUBR-<u>2970X2830</u>-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		0.120	8.44
		0.240	14.73
		0.640	21.03