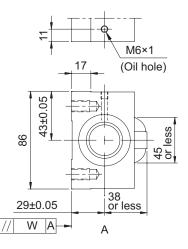
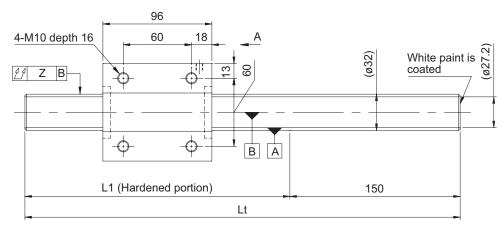
GY series (Accuracy grade C10)

Ball screw specifications

- Ball Solew 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-NKBR-1000A	850	1000	754
GY3210ES-NKBR-2000A	1850	2000	1754
GY3210ES-NKBR-3000A	2850	3000	2754

[·] 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.

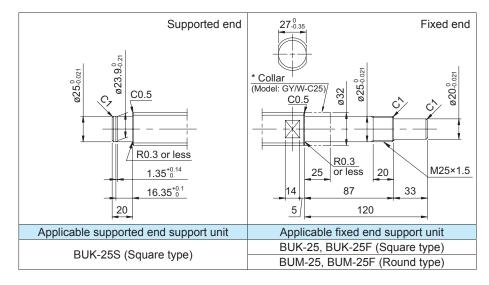
Screw shaft diameter ø32, Lead 10 (Square nut)

Shaft end finish type

Standard rolled ball screws are available with KURODA's recommended shaft end finish

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

> GY3210ES-NKBR-3000A \rightarrow GY3210ES-NKBR-2970X2830-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	Χ	Z	(kg)
0.21/300		0.120	9.79
	0.240	16.08	
		0.640	22.38