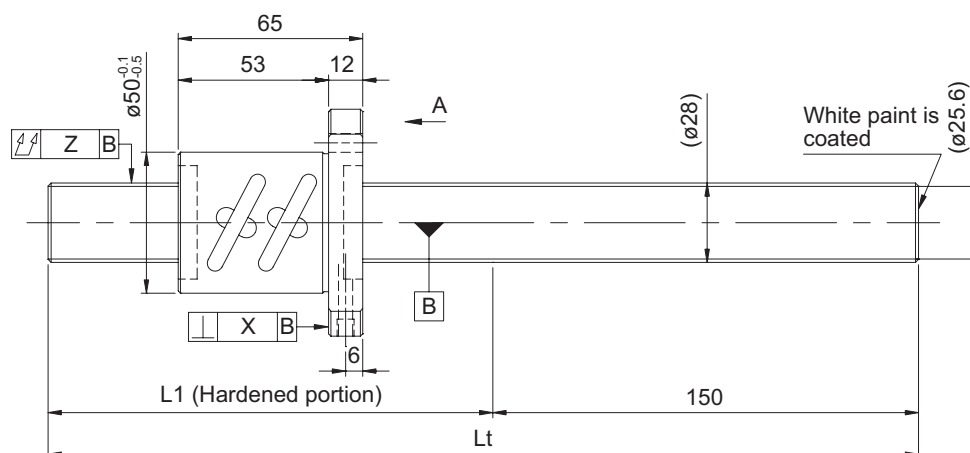
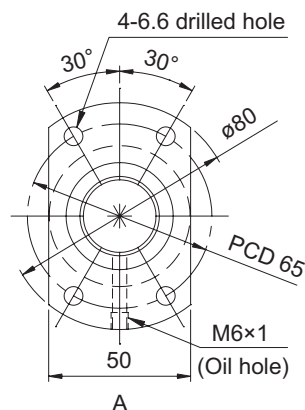


## GY series (Accuracy grade C10)

### • Ball screw specifications

Shaft diameter (mm) - Lead (mm)	28 - 6
Number of circuits / Thread direction	2.5 turns 2 circuits / Right-hand
Ball diameter (mm)	3.175
Root diameter (mm)	25.6
Series	GY
Basic dynamic load rating C (N)	12100
Basic static load rating C0 (N)	42300
Accuracy grade / Axial clearance symbol	C10 / Y
Axial clearance (mm)	0.100 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)
GY2806ES-HUBR-1000A	850	1000	785
GY2806ES-HUBR-2000A	1850	2000	1785
GY2806ES-HUBR-2500A	2350	2500	2285

• 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 ø28, Lead 6 (Round nut)

### • Shaft end finish type

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

Other than KUROMA'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 KUROMA with your orders. Model examples for finished shaft ends are described below.

**Model example:** Unfinished shaft ends (See left figure) → Finished shaft ends

GY2806ES-HUBR-2500A → GY2806ES-HUBR-2450X2332-CAY

→ Thread length  
→ Overall screw shaft length

Supported end	Fixed end
Applicable supported end support unit	Applicable fixed end support unit
BUK-20S (Square type)	BUK-20, BUK-20F (Square type)
BUM-20S (Round type)	BUM-20, BUM-20F (Round type)

### • Optional specifications

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

Lead accuracy	Accuracy of each part		Mass (kg)
Cumulative lead error	X	Z	
0.21/300	---	0.120	5.63
		0.240	10.45
		0.640	12.86