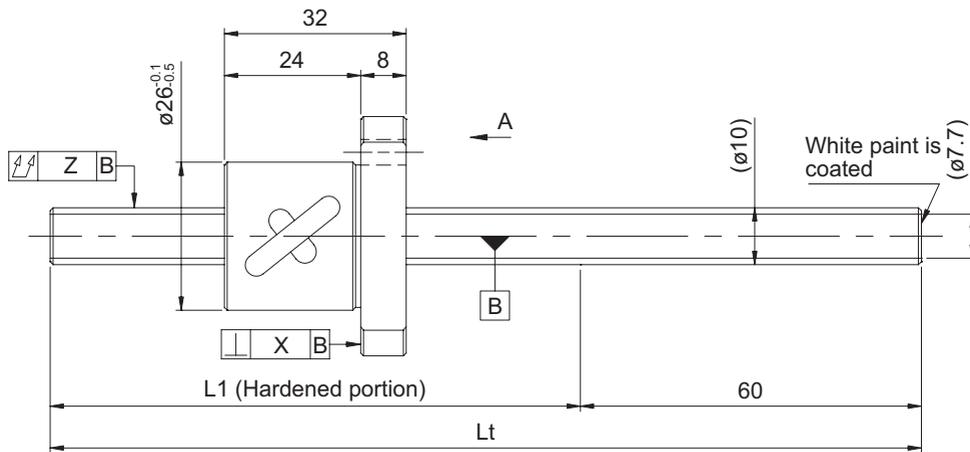
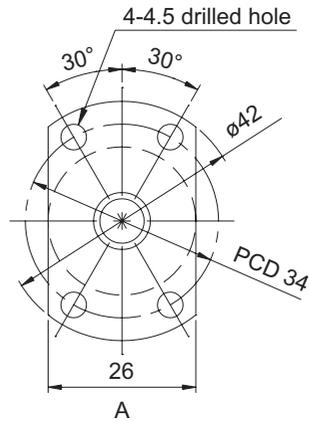


GY series (Accuracy grade C10)

Ball screw specifications

Shaft diameter (mm) - Lead (mm)	10 - 5
Number of circuits / Thread direction	2.5 turns 1 circuit / Right-hand
Ball diameter (mm)	2.3812
Root diameter (mm)	7.7
Series	GY
Basic dynamic load rating C (N)	2300
Basic static load rating C0 (N)	4800
Accuracy grade / Axial clearance symbol	C10 / Y
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)
GY1005DS-HUNR-0400A	340	400	308
GY1005DS-HUNR-0600A	540	600	508

• 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 $\phi 10$, Lead 5 (Round nut)

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

GY1005DS-HUNR-0600A → GY1005DS-HUNR-0585X0531-CAY
 ↳ Thread length
 ↳ Overall screw shaft length

Supported end	Fixed end
Applicable supported end support unit	Applicable fixed end support unit
BUK-6S (Square type)	BUK-8, BUK-8F (Square type)
BUM-6S (Round type)	BUM-8, BUM-8F (Round type)

Optional specifications

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

Lead accuracy	Accuracy of each part		Mass (kg)
	X	Z	
0.21/300	---	0.150	0.39
	---	0.240	0.52