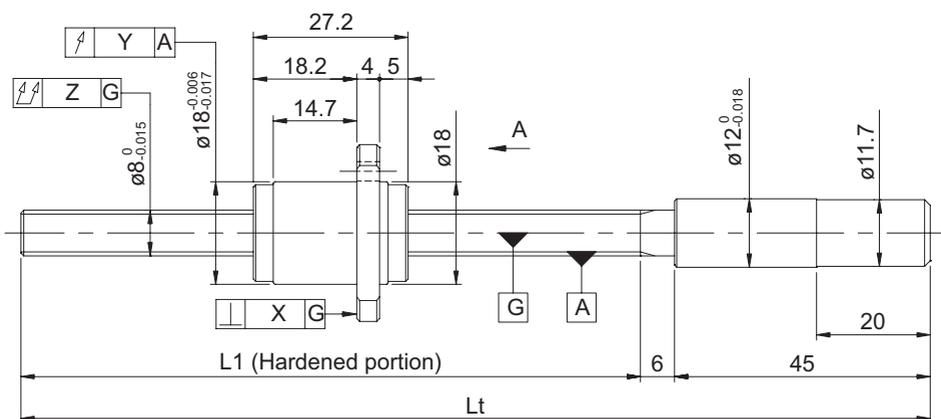
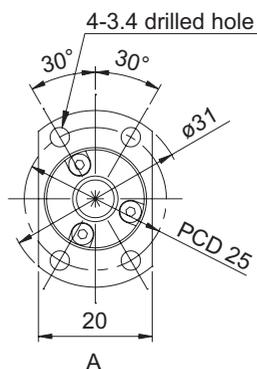


HG series (Accuracy grade C5)

Screw shaft diameter $\phi 8$

Ball screw specifications

Shaft diameter (mm) - Lead (mm)	8 - 12
Number of circuits / Thread direction	1.67 turns 2 circuits (2 threads) / Right-hand
Ball diameter (mm)	1.5875
Root diameter (mm)	6.6
Series	HG
Basic dynamic load rating C (N)	2490
Basic static load rating C0 (N)	3460
Accuracy grade / Axial clearance symbol	C5 / H
Axial clearance (mm)	0.010 or less
Preload torque (N·cm)	----
Spacer ball	None
Recirculation system	End cap method
Wiper	None
Lubricant	Multemp PS2



Model No. (Unfinished shaft ends)	Screw shaft length		Maximum stroke (L1 - nut length)	Lead accuracy		
	L1	Lt		$\pm E_c$	e_c	e_{300}
HG0812QS-HEZR-0340A	289	340	261	0.023	0.018	0.018

• 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 $\phi 8$, Lead 12

Screw shaft diameter $\phi 8$

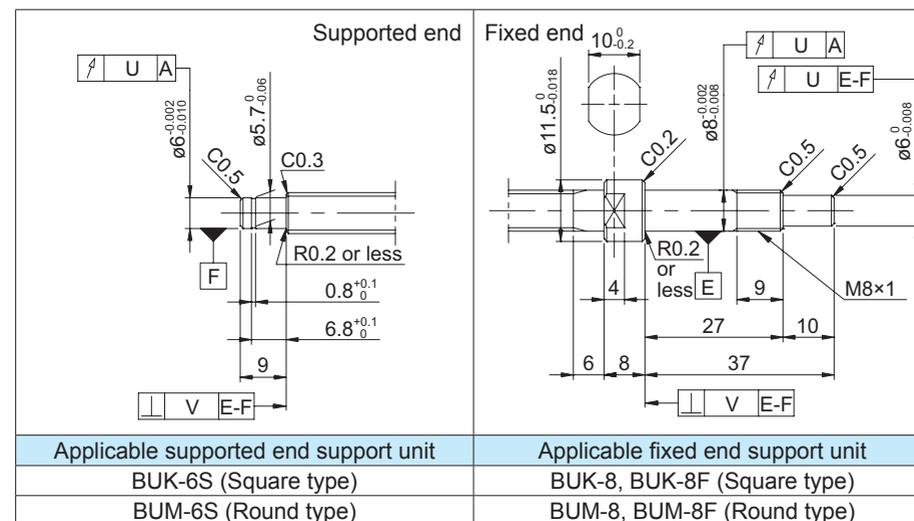
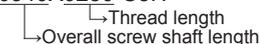
Shaft end finish type

Standard precision 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

HG0812QS-HEZR-0340A → HG0812QS-HEZR-0340X0280-C5H



Optional specifications

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

Accuracy of each part					Preload torque (N·cm)	Mass (kg)
X	Y	Z	U	V		
0.010	0.012	0.075	0.010	0.005	----	0.20