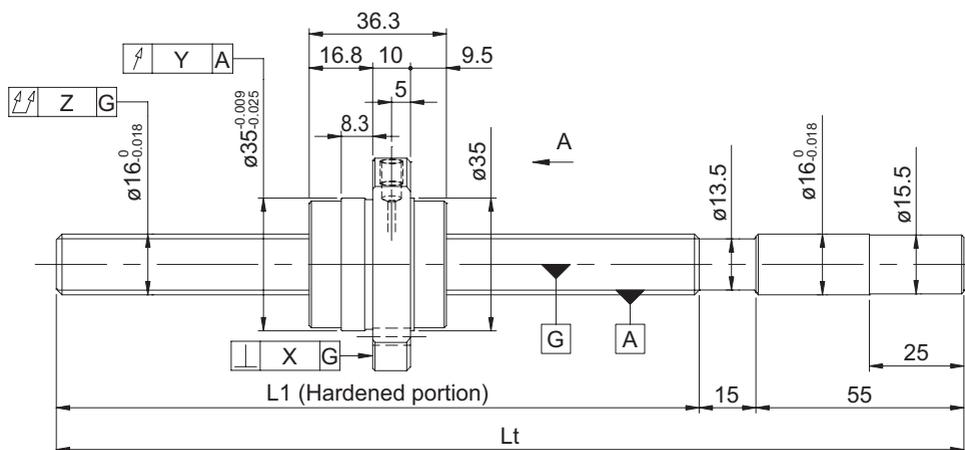
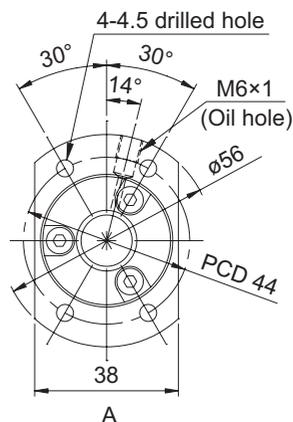


Ball screw specifications

Shaft diameter (mm) - Lead (mm)	16 - 32
Number of circuits / Thread direction	0.67 turns 3 circuits (3 threads) / Right-hand
Ball diameter (mm)	3.175
Root diameter (mm)	13.5
Series	HG
Basic dynamic load rating C (N)	6100
Basic static load rating C0 (N)	9100
Accuracy grade / Axial clearance symbol	C5 / F
Axial clearance (mm)	0.005 or less
Preload torque (N·cm)	Up to 6.0
Spacer ball	None
Recirculation system	End cap method
Wiper	None
Lubricant	Alvania Grease S2



Model No. (Unfinished shaft ends)	Screw shaft length		Maximum stroke (L1 - nut length)	Lead accuracy		
	L1	Lt		$\pm E_c$	e_c	e_{300}
HG1632QS-HEZR-0600A	530	600	493	0.030	0.023	0.018
HG1632QS-HEZR-1100A	1030	1100	993	0.046	0.030	

- Product with axial clearance of 0.005 or less (F) shown may be partially preloaded.
- Preload torque is a value before applying grease.
- 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.

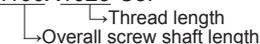
Shaft end finish type

Standard 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

HG1632QS-HEZR-1100A → HG1632QS-HEZR-1100X1023-C5F



Supported end	Fixed end
Applicable supported end support unit	Applicable fixed end support unit
BUK-10S (Square type)	BUK-12, BUK-12F (Square type)
BUM-10S (Round type)	BUM-12, BUM-12F (Round type)

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		
		0.075	0.012	0.005	Up to 6.0	1.14
0.011	0.015	0.150				
						1.86