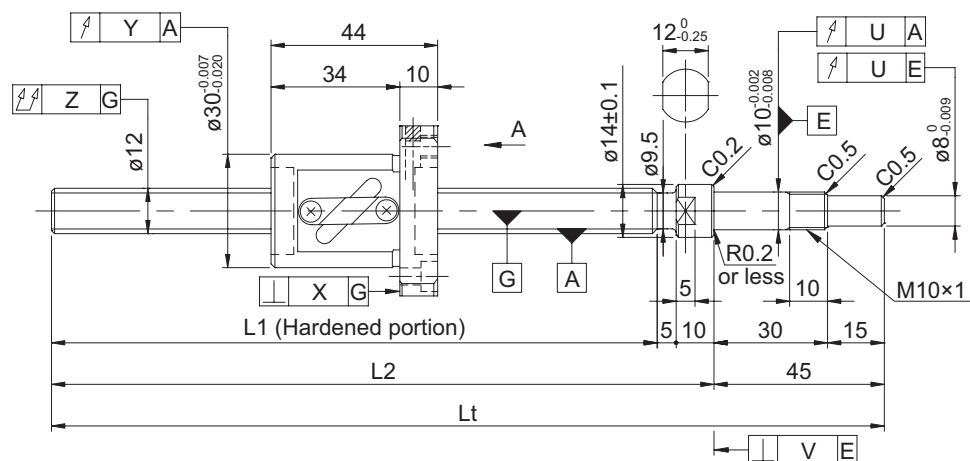
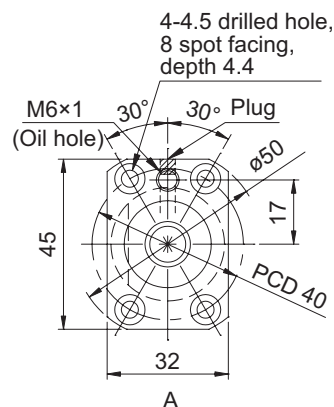


**Screw shaft
diameter $\varnothing 12$**

Shaft diameter (mm) - Lead (mm)	12 - 5	
Number of circuits / Thread direction	2.5 turns 1 circuit / Right-hand	
Ball diameter (mm)	3.175	
Root diameter (mm)	9.5	
Series	GP	
Basic dynamic load rating C (N)	3740	5950
Basic static load rating C0 (N)	4900	9800
Accuracy grade / Axial clearance symbol	C3 / S	C3 / F
Axial clearance (mm)	0	0.005 or less
Preload torque (N·cm)	1.5 to 5.0	Up to 1.0
Spacer ball	1 : 1	None
Recirculation system	Tube method	
Wiper	Lip seal	
Lubricant	Alvania Grease S2	



- 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.

**Screw shaft
diameter ø12**

Standard precision ball screws are available with KURODA's recommended shaft end finish types for each size. The fixed end type is finished beforehand. Regarding the supported shaft end, additional machining to KURODA's recommended shaft end finish type described below is available. Please contact KURODA with your orders. Model examples for finished shaft ends are described below.

GP1205DS-BALR-0450B-C3F → GP1205DS-BALR-0450X0380-C3F



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

Accuracy of each part						Preload torque (N·cm)		Mass (kg)
X	Y	Z	S	U	V	Without clearance	With clearance	
0.008	0.010	0.030	0.011	0.007	0.003	1.5 to 5.0	----	0.43
						----	Up to 1.0	
0.008	0.010	0.050	0.011	0.007	0.003	1.5 to 5.0	----	0.53
						----	Up to 1.0	