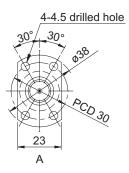
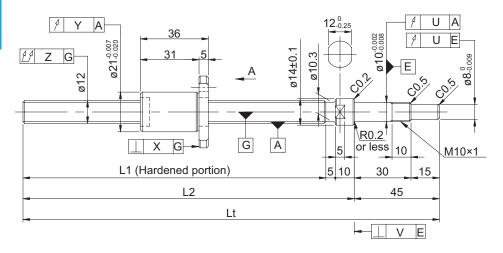
• Ball screw specifications

- Dan Scient Specifications			
Shaft diameter (mm) - Lead (mm)	12 - 3		
Number of circuits /	1 turn 3 circuits /		
Thread direction	Right-hand		
Ball diameter (mm)	2		
Root diameter (mm)	10.3		
Series	DP		
Basic dynamic load rating C (N)	3450		
Basic static load rating C0 (N)	6100		
Accuracy grade /	C3 / S	C3 / F	
Axial clearance symbol	0370	0071	
Axial clearance (mm)	0	0.005 or less	
Preload torque (N·cm)	0.4 to 3.4	Up to 1.0	
Spacer ball	None		
Recirculation system	Deflector method		
Wiper	Plastic wiper		
Lubricant	Multemp PS2		





Model No.	Screw shaft length		Maximum stroke	Lead accuracy			
(One shaft end finished)	L1	L2	Lt	(L1 - nut length)	±Ε _c	e _c	e ₃₀₀
DP1203JS-HDPR-0300B-C3S	240	255	300	204	0.012	0.008	0.008
DP1203JS-HDPR-0300B-C3F							
DP1203JS-HDPR-0400B-C3S	340	355	400	204	0.013	0.010	0.008
DP1203JS-HDPR-0400B-C3F	340	333	400	304	0.013	0.010	0.008

- 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

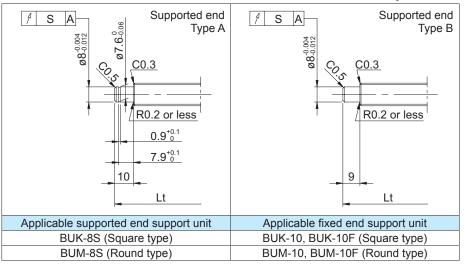
Standard precision ball screws are available with KURODA's recommended shaft end finish types for each size. The fixed end type is finished beforehand.

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.

 $\textbf{Model example:} \ \, \text{Finished fixed end (See left figure)} \ \rightarrow \ \, \text{Both shaft ends finished}$

DP1203JS-HDPR-0400B-C3F → DP1203JS-HDPR-0400X0330-C3F

☐ Thread length →Overall screw shaft length



Optional specifications

 \bullet Anticorrosive black coating (coating thickness: 1 to 2 $\mu m)$ is available.