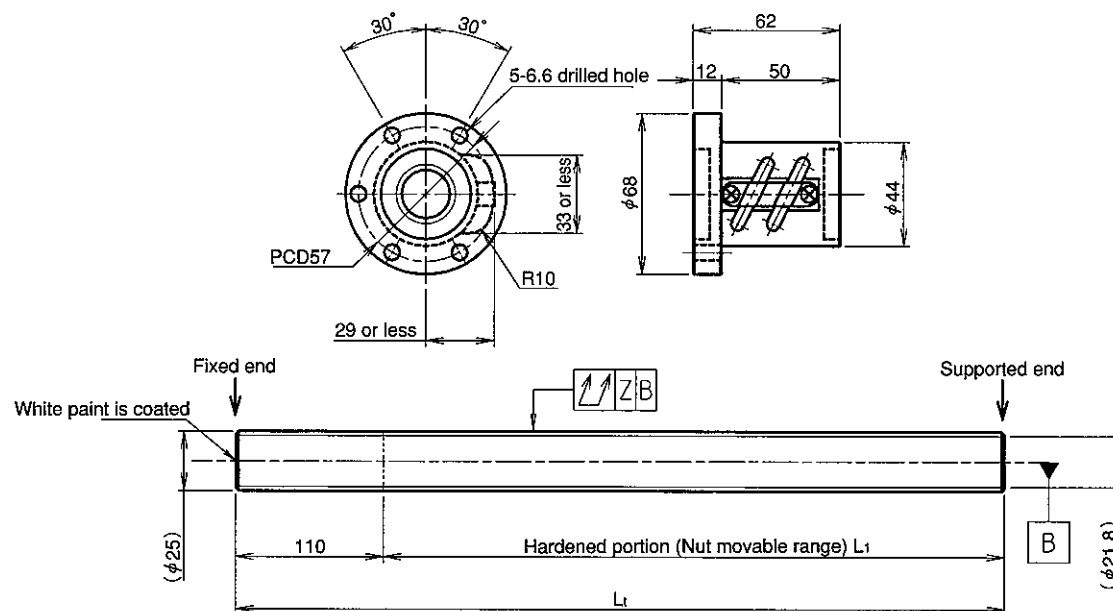


**KURODA** Standard Rolled Ball Screw : GY Series (Accuracy grade C10)**UNFINISHED SHAFT ENDS**Screw shaft diameter  $\phi 25$ , Lead 5 (T nut)

(Unit : mm)

**Ball screw specifications**

Screw shaft dia.	25	Basic dynamic load rating	11900N
Lead	5	Basic static load rating	37300N
Thread direction	Right-hand	Lubricant	Alvania Grease No.2
Number of circuits	2.5turn 2circuit	Surface treatment	Phosphate coating
Ball diameter	3.175		

Model No.	Axial clearance	L <sub>1</sub>	L <sub>t</sub>	Z	Wiper
GY2505ES-CTLR-1000A	~0.100	890	1000	0.160	Lip seal
GY2505ES-CTLR-2000A		1890	2000	0.400	
GY2505ES-CTLR-2500A		2390	2500	0.640	

**Table of optional specifications for each model**

Additional machining of shaft end	Surface treatment (Note 1)	Difference of grease	Direction of nut	Wiper removal
○	○	○	○	○

(Note 1) The above-mentioned surface treatment is LD treatment (coating thickness : 1 to 2  $\mu$ m).

**Notation of standard rolled ball screw**

● Standard length shaft without end machining (Matched screw shaft and nut)

GY2505ES-CTLR-□□□□A

● Nut only without screw shaft

GY2505ES-CTLR

● Screw shaft only without end machining

GY2505ZZ-ZZZZ-□□□□D

● With end machining specified on your drawing (Matched screw shaft and nut)

GY2505ES-CTLR-□□□□X□□□□-CAY

● With end machining specified on your drawing (Screw shaft only)

GY2505ZZ-ZZZZ-□□□□Y□□□□-CAY

Overall length    Thread length