

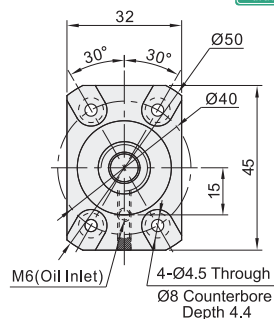
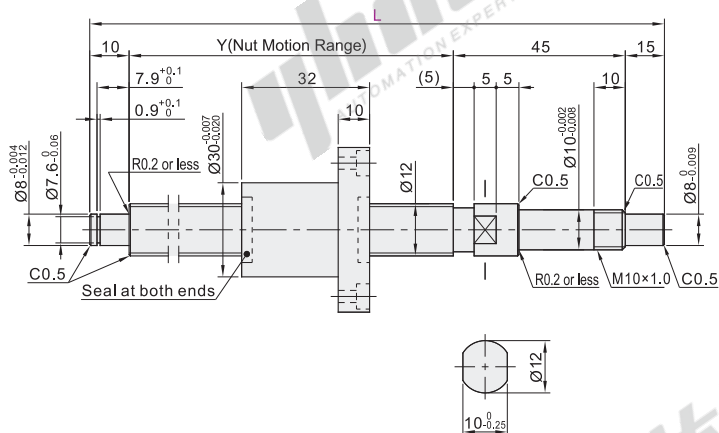
Shaft Dia. 12, Lead 5/10/20 ▶ Standard Nut Type

Precision Ball Screws

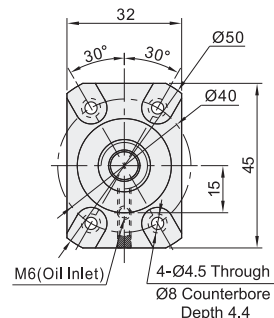
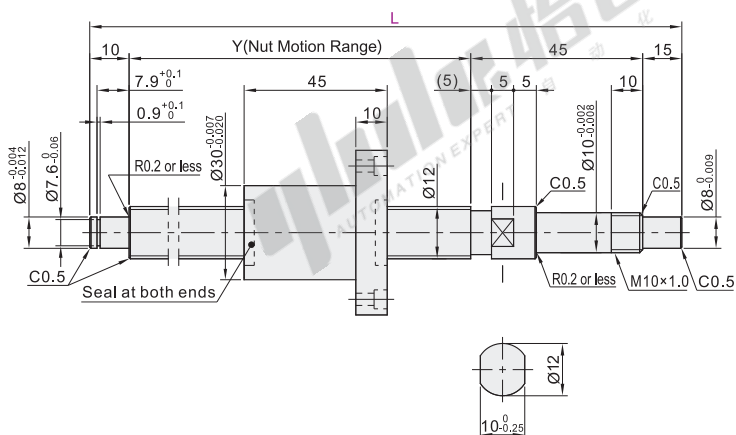
Code	Type	Accuracy Grade	Material		Heat Treatment		Hardness	
			Screw Shaft	Nut	Screw Shaft	Nut	Screw Shaft	Nut
LCH31	Standard Nut Type	C5	S55C	SCM415H	Induction Hardened	Carburized	56~62HRC	56~62HRC

- ① Yiheda doesn't guarantee the dB value after ball screw assembled.
② There are process circular holes at both ends of the lead screw.

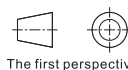
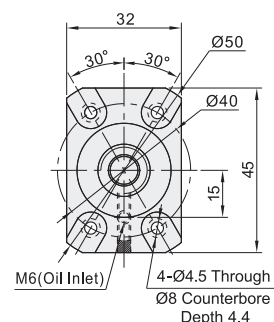
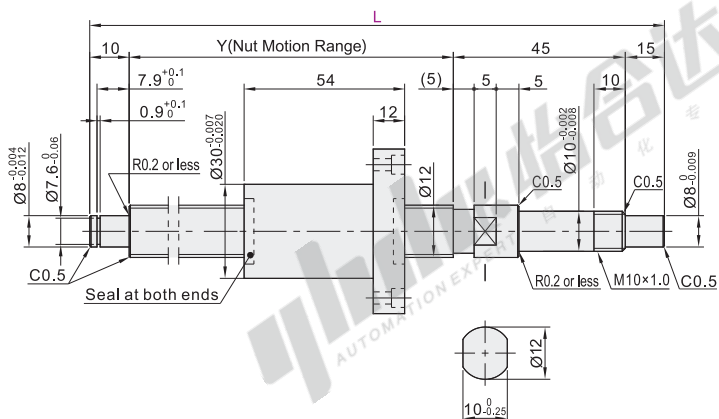
Shaft Dia. 12, Lead 5



Shaft Dia. 12, Lead 10



Shaft Dia. 12, Lead 20



The first perspective

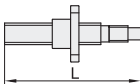
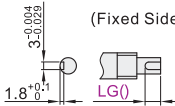
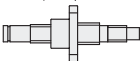
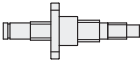
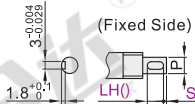
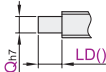
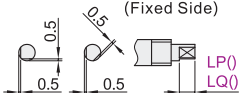
Precision Ball Screws

◀ Shaft Dia. 12, Lead 5/10/20
Standard Nut Type

Part Number			1 mm Increment	Accuracy Grade	Number of Circuits	Twisting Direction	Axial Clearance	Y	Basic Load Rating (Kgf)	
Code	Screw Shaft O.D.	Lead	L						C(Dynamic)	Co(Static)
LCH31	12	5	150~700	C5	3	Right	C5T (0.005mm or less)	L-70	610	1190
		10							590	1160
		20							390	770



Optional Processing

Code	Spec.		Code	Spec.												
LA	No Machining on Support Side Shaft End (Support Side) (Fixed Side) 	Ordering Code LA	LG ()	Keyway on Fixed Side Shaft End (Fixed Side) 	Ordering Code LG8 1 mm Increment Keyway width $b < LG \leq 15$											
	LB	Ball Nut Orientation Reversed (Support Side) (Fixed Side) Standard  Change 		Ordering Code LB	LH ()	Keyway on Fixed Side Shaft End (Fixed Side) 	Ordering Code LH5-S2 1 mm Increment $LH+S \leq 15$, Keyway width $b < LH$									
LC	No Retaining Ring Groove on Support Side Shaft End (Support Side) 	Ordering Code LC	LJ ()	Flat Machined on Fixed Side Shaft End (Fixed Side) 	Ordering Code LJ10 1 mm Increment $5 \leq LJ \leq 15$											
	LD ()	Change Support Side Shaft End Machining (Support Side) 		Ordering Code LD20-Q6 1 mm Increment Q is selectable from 6. L remains unchanged, Y dimension is shortened.	LP () LQ ()	2 Flats Machined on Fixed Side Shaft End (Fixed Side) 	Ordering Code LP10 1 mm Increment LP: 90° Position LQ: 120° Position $5 \leq LP, LQ \leq 15$									
LE ()		Change Support Side Shaft End Length (Support Side) 	Ordering Code LE15 1 mm Increment L remains unchanged, Y dimension is shortened. <table border="1" data-bbox="433 1449 609 1520"><thead><tr><th>Size</th><th>V</th><th>LE Range</th></tr></thead><tbody><tr><td>1205</td><td></td><td>$10 \leq LE \leq 20$</td></tr><tr><td>1210</td><td>7.9</td><td>$11 \leq LE \leq 20$</td></tr><tr><td>1220</td><td></td><td>$11 \leq LE \leq 20$</td></tr></tbody></table>	Size		V	LE Range	1205		$10 \leq LE \leq 20$	1210	7.9	$11 \leq LE \leq 20$	1220		$11 \leq LE \leq 20$
Size	V	LE Range														
1205		$10 \leq LE \leq 20$														
1210	7.9	$11 \leq LE \leq 20$														
1220		$11 \leq LE \leq 20$														



Please order as shown

Part Number			1 mm Increment	Accuracy Grade
Code	Screw Shaft O.D.	Lead	L	
(LCH3)	(12)	(5)	(150~700)	(C5)

LCH31-12-5-L200

Optional Processing

Part Number			1 mm Increment	Accuracy Grade	Optional Processing Code
Code	Screw Shaft O.D.	Lead	L		
(LCH3)	(12)	(5)	(150~700)	(C5)	LA LB LC LD() LE() LG() LH() LJ() LP() LQ()

LCH31-12-5-L200-LC



Discount price

Per	1~5	6~
Price	100%	Additional quotation



Delivery

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