

Shaft Dia. 12, Lead 4/5/10 ▶ Standard Nut Type

Rolled Ball Screws

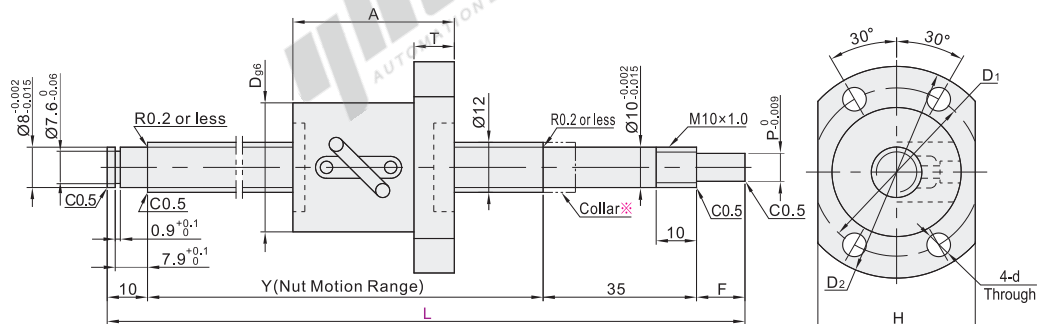
Code	Type	Accuracy Grade	Material		Heat Treatment		Hardness	
			Screw Shaft	Nut	Screw Shaft	Nut	Screw Shaft	Nut
LCH02	Standard Nut Type	C7	S55C	SCM415H	Induction Hardened	Carburized	58~62HRC	58~62HRC

ⓘ Yiheda doesn't guarantee the dB value after ball screw assembled.

ⓘ There are process circular holes at both ends of the lead screw.

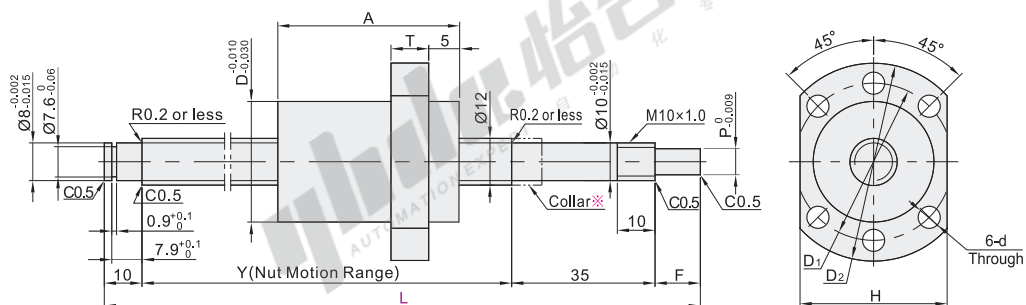


Lead 4/5



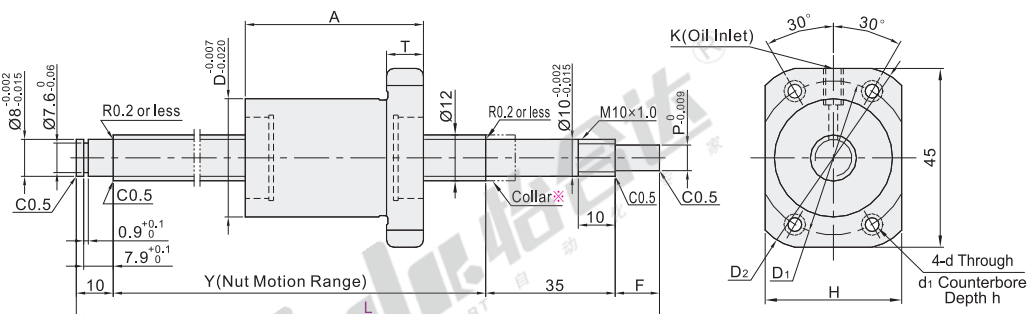
※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Lead 10



※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Lead 10A/10B



※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.



The first perspective

Rolled Ball Screws

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Part Number			1mm Increment	F	P	Ball Dia.	Number of Circuits	Twisting Direction	Y	D	A	T	D ₁	D ₂	d	d ₁	h	H	K	Basic Load Rating (KN)	
Code	Screw Shaft O.D.	Lead	L																	C(Dynamic)	Co(Static)
LCH02	12	4	150~800	15	8	2.381	3.5	Right	L-60	28	35	6	39	48	5.5	—	—	30	—	4.17	7.24
		5				2														6.49	10.15
		10				2.5	2.8			24	42	32	40	6.29	12.61						
		10A				2	2			30	40	10	40	50	4.5	8	4.5	32	M6	2.45	4.04
		10B				2.5	2.7				53										

Combination with Support Units

Code	Screw Shaft O.D.	Lead	Shape	Recommended Fixed Side(Page)	Recommended Support Side(Page)
LCH02	12	4 5 10	Round	LEB01-10(P130)	LEB11-10(P131)
		10A	Square	LEB21-10(P132)	LEB31-10(P133)
		10B		LEB41-10(P134)	



Optional Processing

Combination with Nut Brackets

Part Number			Nut Brackets	
Code	Screw Shaft O.D.	Lead	Code	No.
LCH02	12	4	LFF01	1204
		5	LFF02	
		10	LFF06	1210
		10A	LFF11	1204D
		10B	LFF12	1205B

Code	Spec.	
LA	No Machining on Support Side Shaft End (Support Side) (Fixed Side)	[Ordering Code] LA
LB	Ball Nut Orientation Reversed (Support Side) (Fixed Side) Standard Changed	[Ordering Code] LB
LC	No Retaining Ring Groove on Support Side Shaft End (Support Side)	[Ordering Code] LC ❗ Combination with LE is not available.
LD()	Change Support Side Shaft End Machining (Support Side)	[Ordering Code] LD20-Q6 ❗ Q8 Changed to Q6
LE()	Change Support Side Shaft End Length (Support Side)	[Ordering Code] LE15 ❗ 1mm Increment ❗ LE value range: 11~20. ❗ L remains unchanged, Y dimension is shortened.

Code	Spec.	
LF	Wrench Flats on Fixed Side (Fixed Side)	[Ordering Code] LF ❗ Ball bearings will fall out if the ball nut crosses the wrench flats.
LG()	Keyway on Fixed Side Shaft End (Fixed Side)	[Ordering Code] LG8 ❗ 1mm Increment
LH()	Keyway on Fixed Side Shaft End (Fixed Side)	[Ordering Code] LH5-S2 ❗ 1mm Increment
LJ()	Flat Machined on Fixed Side Shaft End (Fixed Side)	[Ordering Code] LJ6 ❗ 1mm Increment
LK()	2 Flats Machined on Fixed Side Shaft End (Fixed Side)	[Ordering Code] LK8 ❗ 1mm Increment ❗ LK ≤ 5



Please order as shown

Part Number			
Code	Screw Shaft O.D.	Lead	L
LCH02	12	4	150~800

LCH02 — 12 — 4 — L300

Optional Processing

Part Number				Optional Processing Code	
Code	Screw Shaft O.D.	Lead	L		
LCH02	12	4	150~800	LA	LB
		10		LC	LD
				LH	LJ
				LK	

LCH02 — 12 — 4 — L300 — LB



Discount price

Per	1~4	5~
Price	100%	Additional quotation



Delivery

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