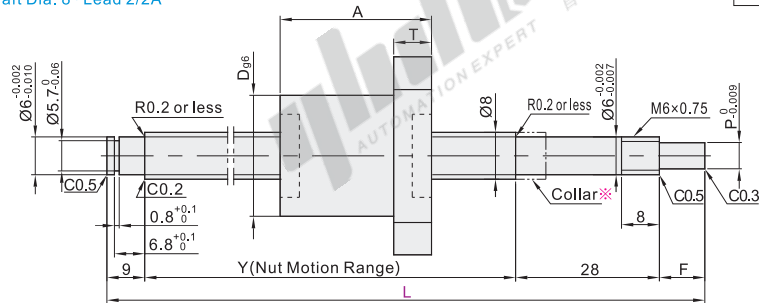


Code	Type	Accuracy Grade	Material		Heat Treatment		Hardness	
			Screw Shaft	Nut	Screw Shaft	Nut	Screw Shaft	Nut
LCD02	Standard Nut Type	C7	S55C	SCM415H	Induction Hardened	Carburized	58~62HRC	58~62HRC

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

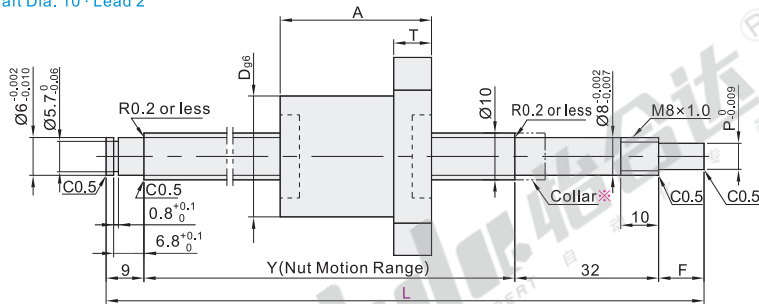


Shaft Dia. 8 · Lead 2/2A



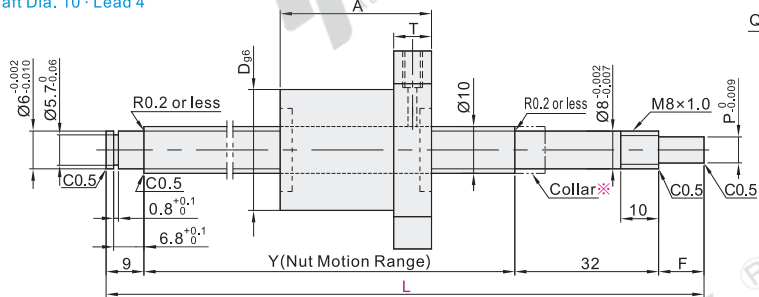
※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Shaft Dia. 10 · Lead 2

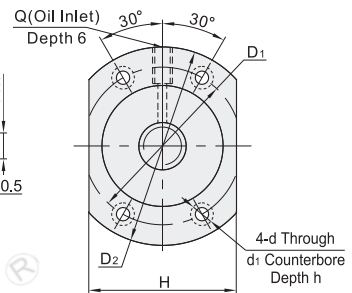


※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Shaft Dia. 10 · Lead 4



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



Part Number			1mm Inc.	F	P	Ball Dia.	Number of Circuits	Twisting Direction	Y	D	A	T	D ₁	D ₂	H	d	d ₁	h	Q	Basic Load Rating (KN)					
Code	Screw Shaft O.D.	Lead	L																	C(Dynamic)	Co(Static)				
LCD02	8	2A	100~400	7.5	4.5	1.2	3	Right	L-44.5	14	16	4	21	27	18	3.4	—	—	—	2.18	4.49				
		16								26	23		29	20	1.32					2.21					
	10	2	150~600							2	18	28	5	27	35	22				4.5	8	4.5	M6	1.81	2.99
		4									26	34	10	36	46	28								3.87	5.79

Combination with Support Units

Code	Screw Shaft O.D.	Lead	Shape	Recommended Fixed Side (Page)	Recommended Support Side (Page)
LCD02	8	2A	Round	LEB01-6 (P130)	LEB11-6 (P131)
			Square	LEB21-6 (P132)	LEB31-6 (P133)
			Square	LEB41-6 (P134)	LEB31-6 (P133)
	10	2	Round	LEB01-8 (P130)	LEB11-6 (P131)
			Square	LEB21-8 (P132)	LEB31-8 (P133)
			Square	LEB41-8 (P134)	LEB31-8 (P133)

Combination with Nut Brackets

Part Number		Nut Brackets	
Code	Screw Shaft O.D.	Lead	No.
LCD02	8	2	LFF01 0802
		2	LFF02 1002
		4	LFF06 1004

Rolled Ball Screws

- Standard Nut Type, Shaft Dia. 8, Lead 2
- Standard Nut Type, Shaft Dia. 10, Lead 2/4



Please order as shown

Part Number	Screw Shaft O.D.	Lead	1mm Inc.	L	F	P
Code	8	2	100~300			
LCD02	10	2	150~600	7.5	4.5	
	10	4				

LCD02-8-2-L300

Discount price	Per	1~4	5~
	Price	100%	Additional quotation



Optional Processing

Optional Processing

Part Number	Screw Shaft O.D.	Lead	1mm Inc.	L	Optional Processing Code
Code	8	2	100~300		LA LB LC LE LF LJ LK
LCD02	10	2	150~600		LA LB LC LE LF LG LH LJ LK
	10	4			

LCD02-8-2-L300-LE15

	Delivery
	4

Optional processing (Only applicable to Screw shaft diameter 8)

Code	Spec.	Ordering Code
LA	No Machining on Support Side Shaft End (Support Side) (Fixed Side)	LA
LB	Ball Nut Orientation Reversed (Support Side) (Fixed Side) Standard Changed	LB
LC	No Retaining Ring Groove on Support Side Shaft End (Support Side)	LC
LE()	Change Support Side Shaft End Length (Support Side) 6.8 LE()	LE15 1mm Increment LE Value range:10~20. L remains unchanged,Y dimension is shortened.

Code	Spec.	Ordering Code
LF	Wrench Flats on Fixed Side (Fixed Side) 5.0.2 4 4 (18) Incomplete Hardened Area	LF The processing of wrench groove will shorten the screw rod stroke. Ball bearings will fall out if the ball nut crosses the wrench flats.
LJ()	Flat Machined on Fixed Side Shaft End (Fixed Side) 0.5 LJ()	LJ10 1mm Increment LJ Value range:5~12.
LK()	2 Flats Machined on Fixed Side Shaft End (Fixed Side) 0.5 0.5 90° Position LK()	LK8 1mm Increment LK Value range:5 or less.

Optional processing (Only applicable to Screw shaft diameter 10)

Code	Spec.	Ordering Code
LA	No Machining on Support Side Shaft End (Support Side) (Fixed Side)	LA
LB	Ball Nut Orientation Reversed (Support Side) (Fixed Side) Standard Changed	LB
LC	No Retaining Ring Groove on Support Side Shaft End (Support Side)	LC Combination with LE is not available.
LE()	Change Support Side Shaft End Length (Support Side) 6.8 LE()	LE15 1mm Increment LE Value range:11~20. L remains unchanged,Y dimension is shortened.

Code	Spec.	Ordering Code
LF	Wrench Flats on Fixed Side (Fixed Side) 8.0.2 5 (20) Incomplete Hardened Area	LF The processing of wrench groove will shorten the screw rod stroke. Ball bearings will fall out if the ball nut crosses the wrench flats.
LG()	Keyway on Fixed Side Shaft End (Fixed Side) 2.0.0.0.4 1.2 LG()	LG8 Adds a keyway on the fixed side shaft end. 1mm Increment
LH()	Keyway on Fixed Side Shaft End (Fixed Side) LH() S	LH5-S2 Adds a keyway at a customer specified area on the fixed side shaft end. 1mm Increment
LJ()	Flat Machined on Fixed Side Shaft End (Fixed Side) 0.5 LJ()	LJ10 1mm Increment
LK()	2 Flats Machined on Fixed Side Shaft End (Fixed Side) 0.5 0.5 90° Position LK()	LK8 1mm Increment