

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

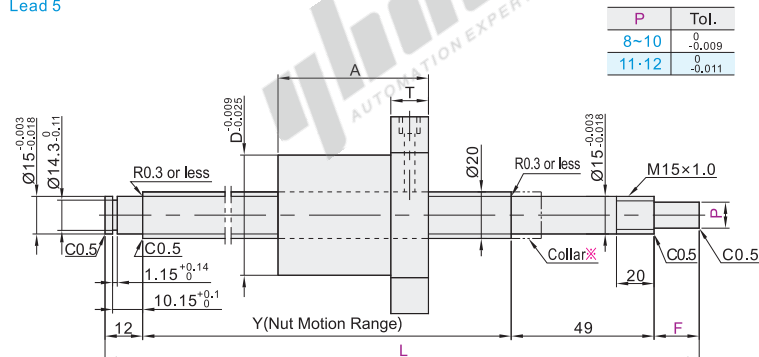
Rolled Ball Screws

Code	Type	Accuracy Grade	Material		Heat Treatment		Hardness	
			Screw Shaft	Nut	Screw Shaft	Nut	Screw Shaft	Nut
LCS02	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.

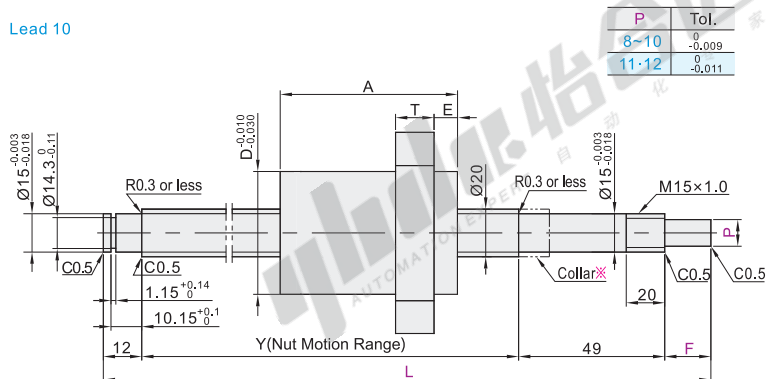


Lead 5



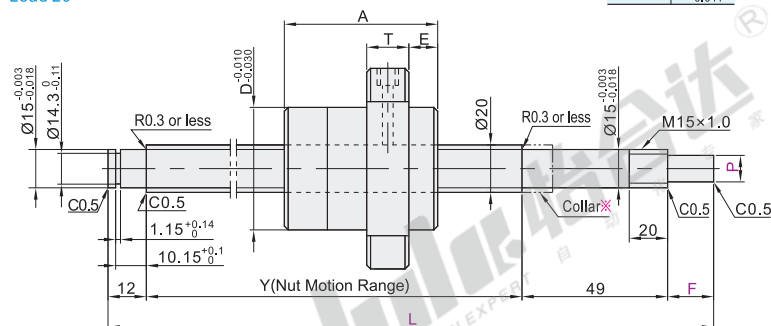
※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Lead 10

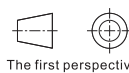


※ Please use the collar that matches the Combination with Support Units.
This rolled ball screws include collar.

Lead 20



※ 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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Standard Nut Type

Part Number			1 mm Increment			Ball Dia.	Number of Circuits	Twisting Direction	Y	D	A	T	D ₁	D ₂	H	d	E	K	Basic Load Rating (KN)	
Code	Screw Shaft O.D.	Lead	L	F	P														C(Dynamic)	Co(Static)
LCS02	20	5	200~1500	20~36	8~12	3.175	4	Right	L-(61+F)	36	51	10	47	58	44	6.6	7	M6	15.2	37.97
		10																	14.87	37.59
		20																	12.95	32.56

Combination with Support Units

Code	Screw Shaft O.D.	Lead	Shape	Recommended Fixed Side(Page)	Recommended Support Side (Page)
LCS02	20	5	Round	LEB01-15(P130)	LEB11-15(P131)
		10	Square	LEB21-15(P132)	LEB31-15(P133)
		20		LEB41-15(P134)	

Combination with Nut Brackets

Part Number			Nut Brackets	
Code	Screw Shaft O.D.	Lead	Code	No.
LCS02	20	5	LFF01	2005
		10	LFF02	2010
		20	LFF06	2020



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 Change [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-Q10 1 mm Increment Q is selectable from 10, 12.				
LE()	Change Support Side Shaft End Length (Support Side) [Ordering Code] LE20 1 mm Increment LE value range : 13~30. L remains unchanged, Y dimension is shortened.				
LN()	Tapped Hole on Support Side Shaft End (Support Side) [Ordering Code] LN20 1 mm Increment LN value range : 21~30. L remains unchanged, Y dimension is shortened. <table border="1"> <tr> <td>M</td><td>V</td></tr> <tr> <td>M6×1.0</td><td>15</td></tr> </table>	M	V	M6×1.0	15
M	V				
M6×1.0	15				

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. Incomplete Hardened Area
LG()	Keyway on Fixed Side Shaft End (Fixed Side) [Ordering Code] LG15 1 mm Increment
LH()	Keyway on Fixed Side Shaft End (Fixed Side) [Ordering Code] LH7-S2 1 mm Increment
LJ()	Flat Machined on Fixed Side Shaft End (Fixed Side) [Ordering Code] LJ10 1 mm Increment
LK()	2 Flats Machined on Fixed Side Shaft End (Fixed Side) [Ordering Code] LK10 1 mm Increment LK value range : 5 or less. 90° Position



Part Number			1 mm Increment		
Code	Screw Shaft O.D.	Lead	L	F	P
LCS02	20	5	200~1500	20~36	8~12
		10			

LCS02-20-5-L300-F30-P10

Optional Processing

Part Number						Optional Processing Code
Code	Screw Shaft O.D.	Lead	L	F	P	
LCS02	20	5	200~1500	20~36	8~12	LA LB LC LD() LE() LN() LF LG() LH() LJ LK()
		10				

LCS02-20-5-L300-F30-P10-LJ10



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



Delivery
6