## Precision Ball Screws Standard Nut - Shaft Dia. 8; Lead 2

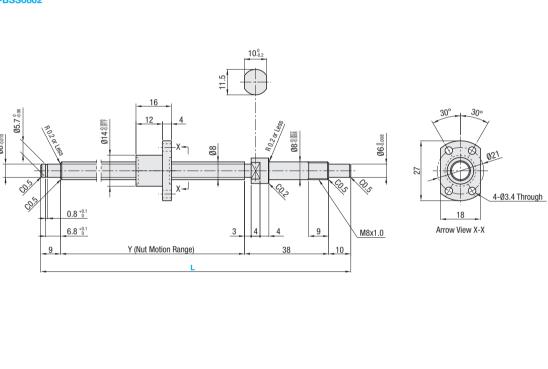
Accuracy Grade C5

C-VALUE parts' load rating, axial clearance and nut dimensions are different from similar parts. (For details, see P.677~ P.679) between similar products When considering C-VALUE parts, choose by comparing the specifications against similar parts.



Nut Type	Type	Accuracy	Shaft	Lood		/ Shaft	Nut		
Nut Type	Type	Grade	Dia.	Leau	Material	Hardness		Hardness	
Standard Nut	C-BSS	C5	8	2	S55C	Induction Hardened 58~62HRC	SCM415	Carburized 58~62HRC	

## C-BSS0802



Nut	Accuracy	y Part Number			1mm Increment	Ball Dia	Ball	Screw	Number	Basic Loa	ad Rating	Axial	Preload torque	Twist	
Type	Grade	Type	Screw Shaft O.D.	Lead	L	_ '	Ball Dia.	Center Dia.	Root Dia.	of Circuits	ts C (Dynamic) kN	Co (Static) kN	Clearance	N·cm [	Direction
Standard Nut	C5	C-BSS	08	02	100~210	L-57	1.2	8.41	(7.21)	1 turn 3 rows	1.4	1.8	0.008 or Less	0.5 or Less	Right
														kgf=Nx0.	.101972

Nut Type	Accuracy	Part Number	Unit Price 1 ~ 4 pc(s).			
Nut Type	Grade	Part Number	L100~210			
Standard Nut	C5	C-BSS0802				



Notes

Filled with lithium soap based grease (Alvania Grease S2 made by Showa Shell Sekiyu K.K).

<Do not let a nut overrun>

<Do not take a nut off>

Similar parts listed page ▶ P.729, 730

To raccuracy of Ball Screws, see P.2223 and P.2224. For details of Support Units, see P.753 ~ P.778.

\*Use one of the support unit accessory collars on the fastening nut side.

\*Cautions: Do not let the nuts overrun or remove the nuts from the screw shafts.

It may cause the balls to fall out or damage the ball recirculation parts.

Do not tilt the ball screw assembly since the nut may spin off from the shaft due to its own weight.

	Alterations	Part Number	-	L	-	(FC, KC···etc.)
-8-1	Alterations	C-BSS0802	-	182	-	KC3

Alterations	Code	Spec.
No Machining on Support Side Shaft End	NC	No machining added on the support side shaft end. <u>Ordering Code</u> NC
Ball Nut Orientation Reversed  (Support Side) (Fixed Side) Std. (Fixed Side) Revised (Fixed Side)	RLC	Changes the nut direction. Ordering Code RLC
No Retaining Ring Groove on Support Side Shaft End	RNC	No Retaining Ring Groove on Support Side Shaft End Ordering Codel RNC  Combination with FC is not available.
Change Support Side Shaft End Length	FC	Changes the length of the support side shaft end. FC=1mm Increment Ordering Code FC20 ① 10.sFGs20 ② Y dimension is shortened.

Alterations	Code	Spec.
Keyway on Fixed Side Shaft End Detailed Keyway Dimensions BE P.684	КС	Adds a keyway on the fixed side shaft end. KC=1mm Increment Ordering Code KC6  33≤KC≤9
Keyway on Fixed Side Shaft End	KLC	Adds a keyway at a customer specified area on the fixed side shaft end. (Keyway dim. is same as KC.) K, S=1mm Increment [Ordering Code] KLC-K5-S1
Flat Machined on Fixed Side Shaft End	SC	Adds a flat on the fixed side shaft end. SC=Imm Increment Ordering Code SC7  555SCS9
2 Flats Machined on Fixed Side Shaft End SWC SGC	SWC SGC	Adds two flats on the fixed side shaft end. SWC: 90° Position SGC: 120° Position 1mm Increment Ordering Code SWC6  • 5≤SWC, SGC≤9

**Peripherals:** Combination of the following parts is available.



Combination with Support Units

Ball Scre	w Part N	lumber	Recommended Support Unit							
Туре	Screw Shaft	Lead	Part Num	ber	Shape	Fixed Side	Support Side	Page		
	O.D.	Leau	Туре	No.	Snape					
	08	02	C-BSW	8	Causes	0		P.763		
C-BSS			C-BUN	8	Square		0	P.762		
C-B55		02	C-BRW	8	Round	0		P.767		
			C-BUR	6	noulla		0	P.768		

• Other than the part numbers shown above, a wide variety of Support Units are also available. (P.761~P.778)

