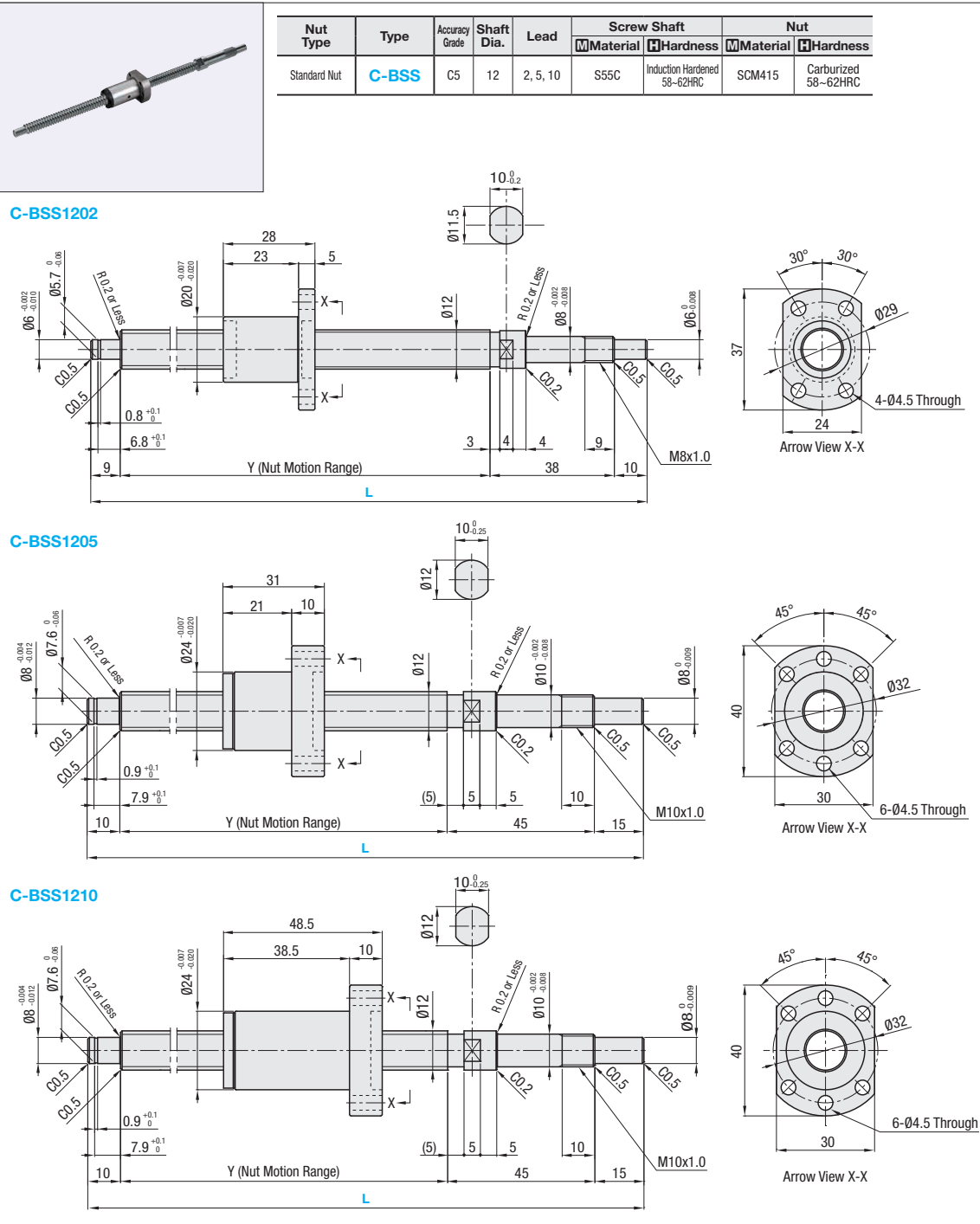


C-VALUE parts' load rating, axial clearance and nut dimensions are different from similar parts. (For details, see P.677~ P.679)
When considering C-VALUE parts, choose by comparing the specifications against similar parts.

Similar parts listed page P.737, 738



Nut Type	Accuracy Grade	Part Number			1mm Increment	Y	Ball Dia.	Ball Center Dia.	Screw Root Dia.	Number of Circuits	Basic Load Rating		Axial Clearance	Preload torque N·cm	Twist Direction
		Type	Screw Shaft O.D.	Lead							L	C (Dynamic) kN			
Standard Nut	C5	C-BSS	12	02	150~445	L-57	1.2	12.41	(11.21)	1 turn 4 rows	1.7	2.9	0.008 or Less	1.0 or Less	Right
				05	150~450	L-70	2.5	12.3	(9.8)	2.8 turns 1 row	4.2	6.9			
				10	200~600						2.7	4.1		2.0 or Less	

kgf=Nx0.101972

Nut Type	Accuracy Grade	Part Number	Unit Price 1 ~ 4 pc(s).				
			L150~200	L201~295	L296~400	L401~450	L451~600
Standard Nut	C5	C-BSS1202				-	-
		C-BSS1205				-	-
		C-BSS1210				-	-



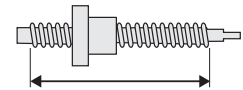
Ordering Example

Part Number - L
C-BSS1205 - 200

Notes

- Filled with lithium soap based grease (Alvania Grease S2 made by Showa Shell Sekiyu K.K.).
- For accuracy of Ball Screws, see P.2223 and P.2224.
- For details of Support Units, see P.753 ~ P.778.
- 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.
- Use one of the support unit accessory collars on the fastening nut side.

<Do not let a nut overrun>



<Do not take a nut off>



Alterations

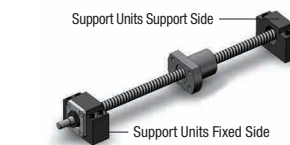
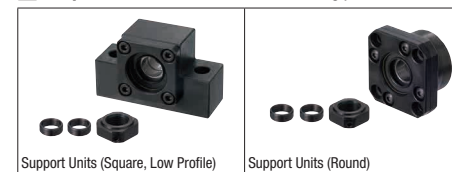
Part Number - L - (FC, KC--etc.)
C-BSS1202 - 386 - SWC13

Alterations	Code	Spec.												
No Machining on Support Side Shaft End	NC	No machining added on the support side shaft end. Ordering Code NC												
Ball Nut Orientation Reversed (Support Side) (Fixed Side) Std.	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 Code RNC Combination with FC is not available.												
Change Support Side Shaft End Machining	GC	Changes the machining on the support side. Q is selectable from 6 or 8. Y dimension is shortened. G=1mm Increment Ordering Code GC-Q8-G20 5≤G≤Q<3 Not applicable to 1202.												
Change Support Side Shaft End Length	FC	Changes the length of the support side shaft end. FC=1mm Increment Ordering Code FC20 <table><tr><th>Size</th><th>ℓ</th><th>FC Range</th></tr><tr><td>1202</td><td>6.8</td><td>10≤FC≤20</td></tr><tr><td>1205</td><td>7.9</td><td>11≤FC≤20</td></tr><tr><td>1210</td><td></td><td></td></tr></table> Y dimension is shortened.	Size	ℓ	FC Range	1202	6.8	10≤FC≤20	1205	7.9	11≤FC≤20	1210		
Size	ℓ	FC Range												
1202	6.8	10≤FC≤20												
1205	7.9	11≤FC≤20												
1210														

Alterations	Code	Spec.
Keyway on Fixed Side Shaft End Detailed Keyway Dimensions P.684	KC	Adds a keyway on the fixed side shaft end. KC=1mm Increment Ordering Code KC10 3≤KC≤14(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 4≤K+S≤14(9)
Flat Machined on Fixed Side Shaft End	SC	Adds a flat on the fixed side shaft end. SC=1mm Increment Ordering Code SC7 5≤SC≤14(9)
2 Flats Machined on Fixed Side Shaft End	SWC SGC	Adds two flats on the fixed side shaft end. SWC: 90° Position SGC: 120° Position 1mm Increment Ordering Code SWC10 5≤SWC, SGC≤14(9)

Dimensions in () are for 1202.

Peripherals: Combination of the following parts is available.



Combination with Support Units

Ball Screw Part Number			Recommended Support Unit			
Type	Screw Shaft O.D.	Lead	Part Number Type No.	Shape	Fixed Side	Support Side
C-BSS	12	02	C-BRW	8	Round	
			C-BUR	6	Round	
			C-BSW	8	Square	
			C-BUV	8	Square	
		05 10	C-BRW	10S	Round	
			C-BUR	10	Round	
			C-BSW	10S	Square	
			C-BUN	10	Square	

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