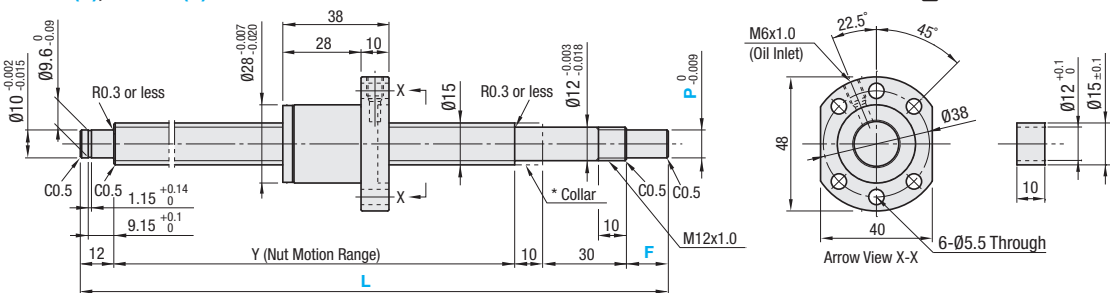


Points of comparison against similar products

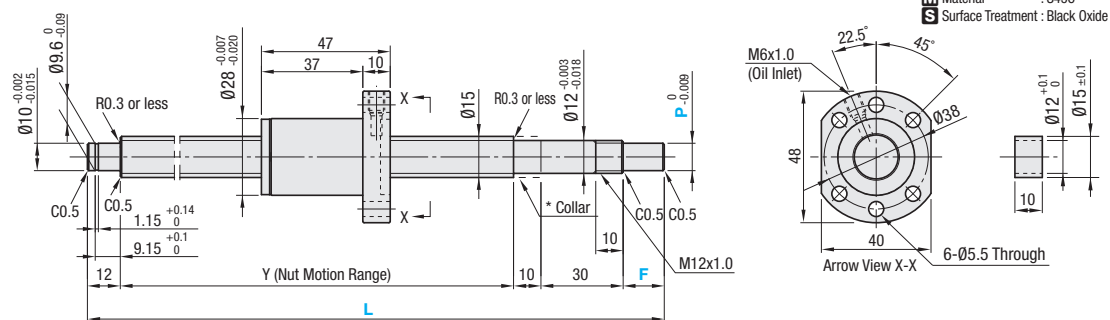
For Load Rating and Nut dim., C-VALUE components are different from the similar products. (For details, see P747~P748.)
When considering adopting C-VALUE parts, select them by comparing against similar products in the specifications.

Nut Type	Type	Type	Accuracy Grade	Shaft Dia.	Lead	Screw Shaft			Nut		
						Material	Hardness	Surface Treatment	Material	Hardness	Surface Treatment
Standard Nut	C-B SST	C-B SSTK	C7	15	5, 10	S55C	Induction Hardened 58 ~ 62HRC	-	SCM415	Carburized 58 ~ 62HRC	-
		C-B SSTK	C10		16, 20						
	C-B SSC	C-B SSC	C7								
		C-B SSC	C10								

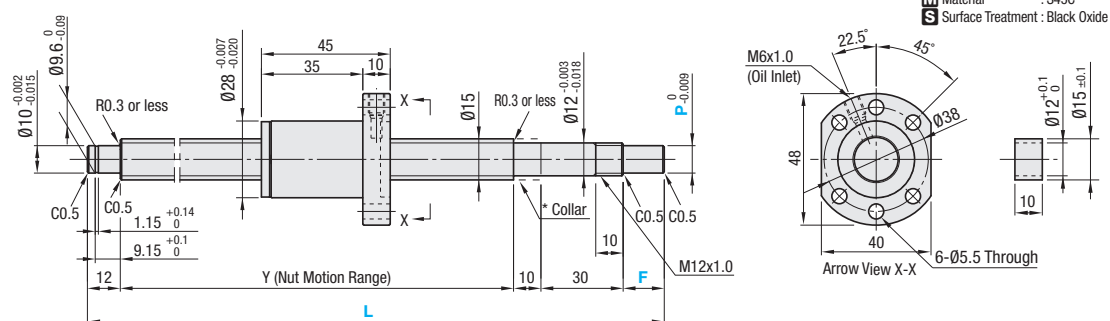
C-B SST(K), C-B SSC(K)1505



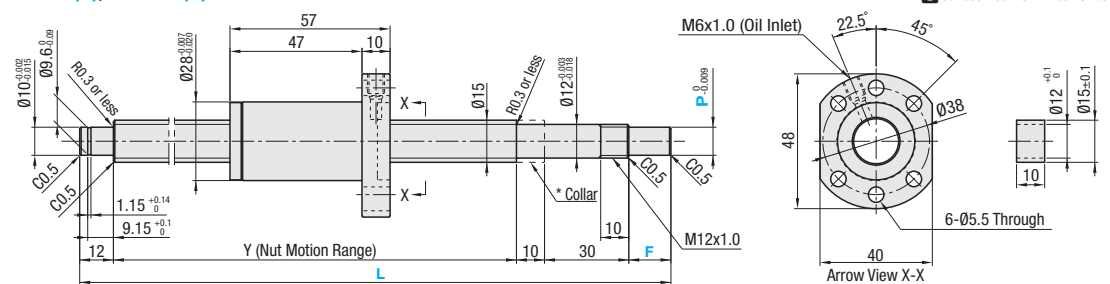
C-B SST(K), C-B SSC(K)1510



C-B SST(K), C-B SSC(K)1516



C-B SST(K), C-B SSC(K)1520



Similar Product Pages P747~P748

Nut Type	Accuracy Grade	Part Number			1mm Increment			Y	Ball Dia.	Ball Center Dia.	Screw Root Dia.	Number of Circuits	Basic Load Rating		Axial Play Clearance	Twist Direction	
		Type	Screw Shaft O.D.	Lead	L	*F	*P						C (Dynamic) kN	Co (Static) kN			
Standard Nut	C7	C-B SST	15	4	150~1200	15	10	L-67	2.778	15.672	(12.894)	3.8 turns, 1 row	3.6	7.4	0.10 or Less	Right	
	C10	C-B SSTK				15~30	6~10	L-(52+F)									
		C-B SSC				15	10	L-67									
		C-B SSC				15~30	6~10	L-(52+F)									
	C7	C-B SST				5	15	10				L-67					2.8 turns, 1 row
	C10	C-B SSTK					15~30	6~10				L-(52+F)					
		C-B SSC					15	10				L-67					
		C-B SSC					15~30	6~10				L-(52+F)					
	C7	C-B SST		16	200~1200	15	10	L-67				1.8 turns, 1 row	3.0	7.1			
	C10	C-B SSTK				15~30	6~10	L-(52+F)									
		C-B SSC				15	10	L-67									
		C-B SSC				15~30	6~10	L-(52+F)									
	C7	C-B SST		10		15	10	L-67					4.1	9.3			
	C10	C-B SSTK				15~30	6~10	L-(52+F)									
		C-B SSC				15	10	L-67									
		C-B SSC				15~30	6~10	L-(52+F)									

* F and P are configurable for C-B SSTK, C-B SSC only. * F≤Px3 * Y (Nut Motion Range) > (Nut Overall Length) kgf=Nx0.101972

Nut Type	Accuracy Grade	Part Number	Unit Price 1 ~ 4 pc(s).					
			L150-200	L201-400	L401-600	L601-800	L801-900	L901-1200
Standard Nut	C7	C-B SST1505						
	C10	C-B SSC1505						
	C7	C-B SST1510						
	C10	C-B SSC1510						
	C7	C-B SST1516						
	C10	C-B SSC1516						
	C7	C-B SST1520						
	C10	C-B SSC1520						

For the price of F, P Configurable Type, add the relevant surcharge to the standard type price.



Ordering Example
Part Number - L - F - P
C-B SSC1520 - 500
C-B SST1505 - 1084 - F15 - P6

Notes

- Filled with lithium soap based grease (Alvania Grease S2 made by Showa Shell Sekiyu K.K.).
- For accuracy of Ball Screws, see P2285, 2286.
- For details of Support Units, see P771~P796.
- Caution: 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.
- The collar included with this product should be installed in the same position as indicated with the "Collar" text on the drawing. In addition, the collar included with the Support Unit product should be installed and tightened on the nut side of the ball screw.
- Note that, when a ball screw shaft or ball screw nut is tilted, it may be fallen out by its own weight.



Alterations
Part Number - L - F - P - (FC, KC-etc.)
C-B SST1505 - 350 - KC10

Alterations	Code	Spec.
No Machining on Both Shaft Ends (Annealing Range) 4-C Nut	WNC	Does not machine any of the both shaft ends. Ordering Code WNC-S20-F80 Annealing may lower hardness on the annealed area + 25mm fore and aft. S+F≤L/2 L-(S+F)≤Y+50 On the annealed area + 25mm fore and aft, axis run-out may be larger than indicated by the Catalog standard.
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)	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 Length	FC	Changes the length of the support side shaft end. FC=1mm Increment Ordering Code FC20 13≤FC≤30 Y dimension is shortened. Combination with GC is not available.
Change Support Side Shaft End Machining	GC	Changes the machining on the support side. Q is selectable from 8, 10, 12 G=1mm Increment Ordering Code GC-Q8-G20 5≤G≤Qx3 Y dimension is shortened. No Retaining Ring Groove. * Combination with FC is not available.
Tapped Hole on Support Side Shaft End	MC	Adds a tapped hole on the support side shaft end. MC=1mm Increment Ordering Code MC20 M 12 12 Y dimension is shortened. 18≤MC≤30

Combination with Support Units

Ball Screw Part Number				Recommended Support Unit			
Type	Screw Shaft O.D.	Lead	Part Number	No.	Shape	Fixed Side	Support Side
C-B SSC	15	05	C-B SW	12	Square		
		10	C-B UN				
		20	C-B RW		Round		
			C-B UR				

Any nut bracket is not available as the product compatible with C-VALUE Ball Screws.

Other than the part numbers shown above, a rich variety of Support Units are also available. (P779~P796)