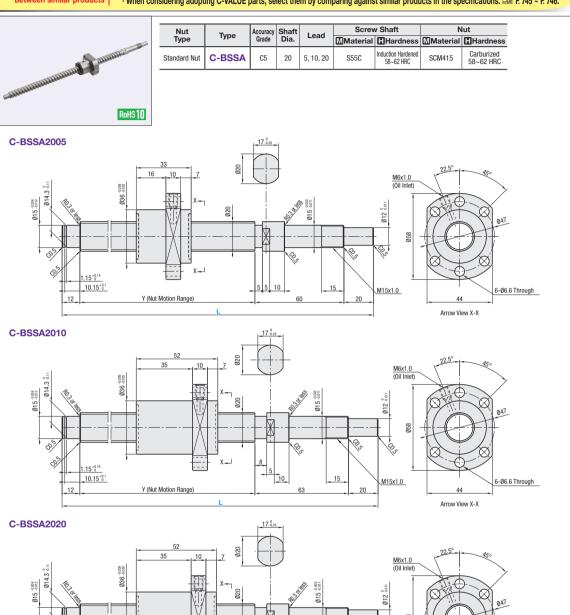
Pert Precision Ball Screws Standard Nut - Shaft Dia. 20; Lead 5, 10, 20 **Accuracy Grade C5**



6-Ø6.6 Through

Arrow View X-X

· Due to the difference in load rating and positioning accuracy (lead accuracy + axial play), the price is lower than that of similar products. · When considering adopting C-VALUE parts, select them by comparing against similar products in the specifications.



Nut Type	Accuracy Grade	Part Number		1 mm Increments		Ball Sorow	Screw	v Number	Basic Load Rating		Axial	Preload	Twisting		
		Туре	Screw Shaft O.D.	Lead	L	Y	Dia.	Center Dia.		of Circuits	C (Dynamic) kN	Co (Static) kN	Clearance	Torque N·cm	Direction
	C5		C-BSSA 20	05	200~1000	L - 92	3.175	21.08	(17.905)	3.8 turns,	7.1	14.5	0.015 or less	3.0 or less	Right
Standard Nut		C-BSSA		10	250~1500	L - 95		20.75	(17.575)		9.5	17.6		4.0 or less	
				20	250~1500	L - 90				1.8 turns, 1 row	6.4	11.3			

Y (Nut Motion Range)

Nut Type	Accuracy	Part Number	JPY Unit Price: 1 to 4 pc(s).							
	Grade		L200~400	L401~600	L601~800	L801~1000	L1001~1200	L1201~1500		
Standard Nut		C-BSSA2005					-	-		
	C5	C-BSSA2010								
		C-BSSA2020								



Part Number -

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

For accuracy of Ball Screws, see P. 2285, 2286.

For details of Support Units, see P. 771 ~ P. 796.

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.

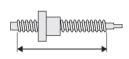
The collar included with this product should be installed in the same position as indicated with the "* Collar" text on the drawing. In addition, the collar included with the Support Unit product should be installed and tightened on the nut side of the ball screw.

Note that, when a ball screw shaft or ball screw nut is tilted, it may be fallen out by its own weight.

[Do not let a nut overrun]

[Do not take a nut off]

Similar Product Pages P. 745, P. 746







Alterations	Code	Spec.
No Machining on Support Side Shaft End	NC	No machining added on the support side shaft end.
Ball Nut Orientation Reversed (Support Side) (Fixed Side) Std. (Fixed Side) Revised (Fixed Side)	RLC	Changes the nut direction. Ordering Codel RLC
No Retaining Ring Groove on Support Side Shaft End	RNC	No retaining ring groove is machined on the 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 = 1 mm Increments Urdering Codel FC20 (**) 13 ≤ FC ≤ 30 (**) V dimension is shortened. (**) No Retaining Ring Groove ⊗Combination with 6C is not available.
Change Support Side Shaft End Machining	GC	Changes the machining on the support side. 0 is selectable from 10, 12 or 15. $G=1$ mm Increments \P Y dimension is shortened. $ \frac{1}{1} \frac{1}{1$

Alterations	Code	Spec.
Tapped Hole on Support Side Shaft End ≥	MC	Adds a tapped hole on the support side shaft end. MC = 1 mm Increments Ordering Code MC25 MB 2 15 P 21 < MC ≤ 30 Y dimension is shortened.
Keyway on Fixed Side Shaft End Detailed Keyway Dimensions EF P. 684	КС	Adds a keyway on the fixed side shaft end. KC=1 mm increments CC=1 mm increments $CC=1$ CC
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 that of KC.) K, S = 1 mm increments (Ordering Code J. K.C - K7 - S2 $ \underbrace{ \$ 5 \le K + S \le 19 } $
Flat Machined on Fixed Side Shaft End SC 0.5	sc	Adds a flat on the fixed side shaft end. $SC = 1 \text{ mm increments}$
2 Flats Machined on Fixed Side Shaft End SWC SGC SWC, SSC 0.5	SWC SGC	Adds two flats on the fixed side shaft end. SWC: 90° Position, SGC: 120° Position 1 mm Increments Ordering Codel SWC:20 5 S SWC:SGC 19

Peripherals:Combination with the following parts is available.



Nut Brackets for C-Value Ball Screws are not available

Combination with Support Units

Ball Screv	w Part N	lumber	Recommended Support Unit							
Туре	Screw	Lead	Part Nui	mber	Shape	Fixed Side	Support Side	Page		
	Shaft O.D.		Type	No.						
	20	05 10 20	C-BRW	15	Round	0		P. 769		
C-BSSA			C-BUR				0	P. 770		
C-B33A	20		C-BSW		Square	0		P. 763		
			C-BUN				0	P. 764		

• Other than the part numbers shown above, a rich variety of Support Units are also available. (P. 761~P. 780)



1 -003-2021