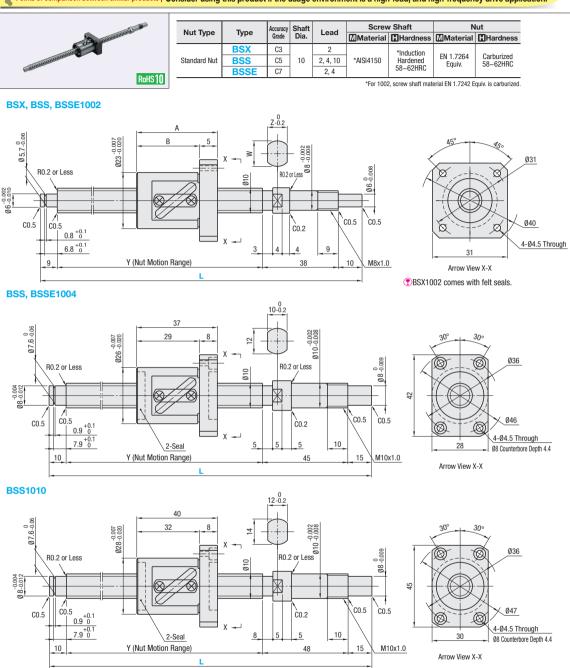
## Precision Ball Screws Standard Nut - Shaft Dia. 10, Lead 2, 4, 10

Accuracy Grade C3, C5, C7

toints of comparison between similar products | Consider using this product if the usage environment is a high-load, and high-frequency drive application.



Nut Type	Accuracy	Part Number			1mm Increment	v	A	В	z	. \	Ball Dia	Ball	Screw	Number	Basic Load Rating		Axial Pre	Preload Torque	Twisting
	Grade	Type	Screw Shaft O.D.	Lead	L	ı	^_	В	_		Ball Dia.	Center Dia.	Root Dia.	of Circuits	C (Dynamic) kN	Co (Static) kN	Play	y N·cm	Direction
	C3	BSX			100~310	L-57	30	25		11.5		1.5875 10.3		2.5 turns, 2.5 turns, 3.	1.41		0 (Preloaded)	0.3~2.5	
Standard	C5	BSS		02	100~315		27	22	8	10	1.5875				2.25	3.3	0.005 or Less	0.5 or Less	Diaht
	C7	BSSE	1 40		100~315		21								2.20	5.5	0.030 or Less	-	Right
Nut	C5	BSS	10	0.4	150~380	L-70	_	-   -	.   -	-	2.3812	10.6	(8.1)		3.35	5.9	0.005 or Less	1.0 or Less	Right
	C7	BSSE	1	04											3.33		0.030 or Less	-	
	C5	BSS	]	10	150~450	L-73									2.2	3.5	0.005 or Less	1.0 or Less	
kgf=Nx0.101972																			

Nut Type	Accuracy	Part	Unit Price 1 ~ 4 pc(s).									
Nut Type	Grade	Number	L100~149	L150~200	L201~248	L249~250	L251~310	L311~315	L316~380	L381~450		
	C3	BSX1002						-	-	-		
	C5	BSS1002							-	-		
Standard Nut	C7	BSSE1002							-	-		
Statiual u ivut	C5	BSS1004	-							-		
	C7	BSSE1004	-							-		
	C5	BSS1010	-									



320 (L Type Greased)

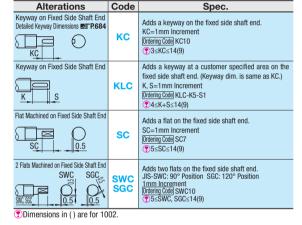
## Notes

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



Alterations Part Number - L - (FC, KC · · · etc.)

<u> </u>								
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. OCCUPATION (Fixed Side) Revised OCCUPATION (Fixed Side)	RLC	Changes the nut direction.						
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.						
Change Support Side Shaft End Length	FC	Changes the length of the support side shaft end.   FC=Imm Increment     Ordering Code  EN-JL 1030 Equiv.     Size						



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





Y dimension is shortened.



**■**Combination with Nut Brackets

Support Units Fixed Side

_	- Combination with Nut Brackets										
	Ball Screv	v Part N	lumber	Recommended Nut Bracket							
	Туре	Screw	Lead	Part Nu	Page						
	Type	Shaft O.D.	Leau	Type	No.	rage					
	BSX		02	BNFB	1002X	-					
	BSS	10	02	BNFM	1002S	P.780					
	BSSE	10	04	BNFR	1004S	P.780					
	DOOL		10	BNFA	1010S	P.780					

Support Units Support Side

• A variety of materials and surface treatments for Nut Brackets are available.

Combination with Support Units

Combination with Support Units											
Ball Scre	w Part N	lumber	Recommended Support Unit								
Туре	Screw Shaft O.D.	Lead	Part Number Type No.		Shape	Fixed Side	Support Side	Page			
	Ondit Oibi		BRW	8		0.00	- Ciuc	P.767			
			BUR	6	Round			P.768			
BSX		02	BSW	8			$\vdash$	P.761			
			BUN	8	Square			P.762			
	10	02	BRW	88			$\vdash$	P.767			
BSS			BUR	6	Round			P.768			
BSSE			BSW	88	Square			P.761			
DOOL			BUN	8				P.762			
-		04	BRW	108	Round			P.767			
BSS			BUR	103				P.768			
BSSE			BSW	105	Square			P.761			
DOOL			BUN	10				P.762			
	1	10	BRW	10				P.767			
			BUR	10	Round			P.768			
BSS			BSW	10				P.761			
					Square						
			BUN	10	Square	0		P.761 P.762			

①Other than the part numbers shown above, Support Units with various configurations and surface treatments are also available. (P.761~P.778)