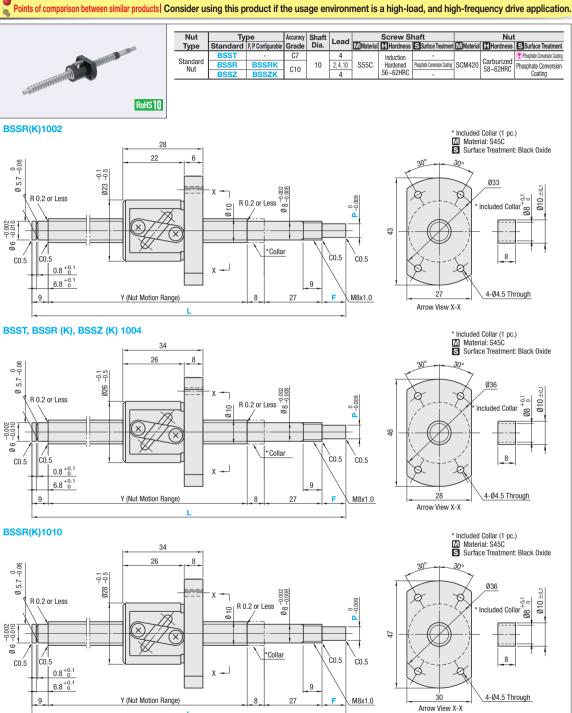
Rolled Ball Screws Standard Nut - Shaft Dia. 10; Lead 2, 4, 10

Accuracy Grade C7, C10





		Part Number		1mm Increment				Ball	Screw	Number	Basic Load Rating					
Nut Type	Accuracy Grade	Туре	Screw Shaft O.D.	Lead	L	*F	*P	Y	Ball Dia.	Center Dia.	Root Dia.	of Circuits	C (Dynamic) kN	Co (Static) kN		Twistir Direction
	C10	BSSR		02	150~585	10	6	L-54	1.5875 10.3	(8.4)		1.7	2	0.05 or		
	610	BSSRK				10~18	5, 6	L-(44+F)		10.5	(0.4)		1.7	٥	Less	
Standard Nut	C7	BSST										0.5 +			0.03 or Less]
		BSSR BSSZ	10	04	150~600	10	6	L-54	2.3812 10.6	10.6	(7.8)	2.5 turns 1 row	2.3	4.8	0.05 or Less	Right
	C10	BSSRK BSSZK				10~18	5, 6	L-(44+F)		10.0						
		BSSR		10	150~585	10	6	L-54	2.3812	10.6	(7.8)	1.5 turns	1.85	3.2		
		BSSRK		10	150~565	10~18	5, 6	L-(44+F)	2.3012	10.0	(7.0)	1 row	1.00	3.2		
F and P are o	onfigurable	for BSSRK and	BSSZK only.	. ? F≤Px	3										kgf=N:	x0.1019

Nut Type	Accuracy	Part Number	Unit Price 1 ~ 4 pc (s).						
Nut Type	Grade	Part Number	L150~200	L201~400	L401~600				
	C10	BSSR1002							
	C7	BSST1004							
Standard Nut	C10	BSSR1004							
		BSSZ1004							
		BSSR1010							



Ordering Part Number - L - F - P

BSSZK1004 370

370 (L Type Greased) SR1004G - 370 (G Type Greased)

Notes

- Mounting surface of BSST ball nut flange is not surface-treated.
- Filled with lithium soap based grease (Alvania Grease S2 made by Showa Shell Sekiyu K.K).
- Various grease options are available. For price and specifications, F P.686
- 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.
- Use the "* collar" position in the diagram for the accessory collar. Use one of the support unit accessory collars on the fastening nut side.
- Do not tilt the ball screw assembly since the nut may spin off from the shaft due to its own



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

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. Revised	RLC	Changes the nut direction. Ordering Code RLC							
No Retaining Ring Groove on Support Side Shaft End	RNC	Retaining ring groove is not 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=1mm Increment Ordering Code FC20 11≤FC≤20 Y dimension is shortened.							
Wrench Flats on Fixed Side	SZC	Adds wrench flats on the fixed side shaft end. Ordering Code SZC Ball bearings will fall out if the ball nut crosses the wrench flats.							

Alterations	Code	Spec.
Keyway on Fixed Side Shaft End est Keyway shaft end dimensions P.684	КС	Adds a keyway on the fixed side shaft end. ⊗ P=5 is not applicable. KC=1mm Increment Ordering Code KC5 ▼2≤KC≥Px3 KC≤F-1
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.) ⊗ P=5 is not applicable. K, S=1 mm Increment <u>Pridering Coal B</u> LC-45-S2 ▼3≤K+S≤Px3 K+S≤F-1
Flat Machined on Fixed Side Shaft End	sc	Adds a flat on the fixed side shaft end. SC=1mm Increment Ordering Code SC7 55≤SC≤Px3 SC≤F-1
2 Flats Machined on Fixed Side Shaft End SWC SGC SMC, SSC 0,5	SWC SGC	Adds two flats on the fixed side shaft end. SWC: 90° Position SGC: 120° Position 1mm Increment Todering Codel SWC7 ▼5≤SWC, SGC≤Px3 SWC, SGC≤F-1
Installing Special Temporary Shaft Temporary Shaft Nut Screw Shaft	TAS	Special Temporary Shafts suitable with Ball Screws are installed. When removing Nut from Screw Shaft, always use Special Temporary Shaft. *For installation method, see P.685 .

Peripherals: Combination of the following parts is available



Support Units Fixed Side

Altavations Cods

Combination with Support Units

Ball Scre	w Part N	lumber	Recommended Support Unit						
Type	Screw	Lead	Part Nui	mber	Chana	Fixed	Support Side	Page	
Type	Shaft O.D.	Leau	Type	No.	Shape	Side			
		02 04	BRW	88	Round	0		P.767	
BSST	40		BUR	6			0	P.768	
BSSR BSSZ	10		BSW	8S	C	0		P.761	
		10	BUN	8	Square		0	P.762	

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

Combination with Nut Brackets

_	- Combination With Hat Brackets									
	Ball Screv	w Part N	lumber	Recommended Nut Bracket						
	Time	Screw	Lead	Part Nu	Dogo					
	Type	Shaft O.D.	Leau	Туре	No.	Page				
	BSST		02	BNFB	1002R	P.780				
_	BSSR BSSZ	10	04	BNFM BNFR	1004R	P.780				
_			10	BNFA	1010R	P.780				

Support Units Support Side

• Other than the part numbers shown above, a wide variety of Nut Brackets are also available. (**P.780**)