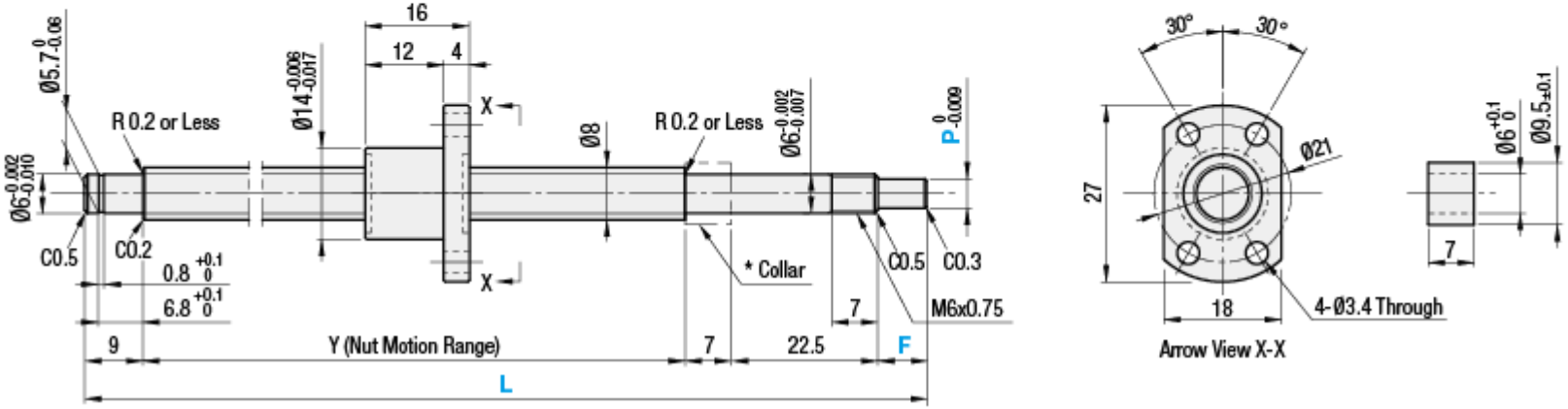
Rolled Ball Screws - Shaft Diameter 8, Lead 2, Economy Model (MISUMI)

Part Number **C-BSSCK0802-400-F8-P4.5**

20220209204053

Cost Efficient	Cost Efficient	**Type**	Rolled
Flange Shape	Compact Flange	**Accuracy Grade**	C10
Screw Shaft O.D.(φ)	8	**Lead(mm)**	2
Preload	No Preload	**Nut Type**	Standard Nuts
Operating Condition	Standard	**Twisting Direction**	Right
Axial Play	0.05 or Less	**Nut Structure**	Single
Recirculating Method	End Cap Type	**Number of Circuits(Rows X Turns)**	1×3
Basic Load Rating, Dynamic Rating(N)	1200	**Basic Load Rating, Static Rating(N)**	2100
Shaft End Type	Standard Shaft End Alterations Item	**Shaft End Length F(mm)**	8
Material	1055 Carbon Steel	**Screw Shaft Surface Treatment**	None
Shaft End Dimension (Fixed, Configurable)	Configuration	**Nut Size**	Standard
Length (L) (mm)	400	**Shaft Dia. P(Ø)**	4.5

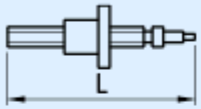
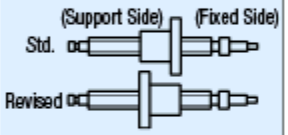
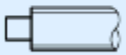
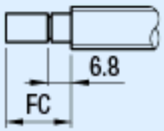
C-BSSC (K) 0802

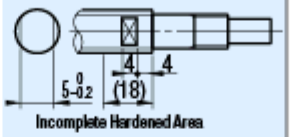
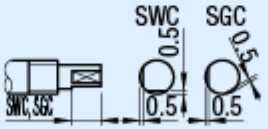

16
12
4
X
X
R 0.2 or Less
R 0.2 or Less
* Collar
C0.5
C0.2
C0.5
C0.3
M6x0.75
7
9
Y (Nut Motion Range)
7
22.5
F
L

30°
30°
Ø21
27
18
4-Ø3.4 Through
7
Arrow View X-X

Alterations

Part Number	-	L	-	F	-	P	-	(FC, SC···etc.)
C-BSSC0802	-	280			-		-	SC5

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 	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 EN-JL 1030 Equiv. 10≤FC≤20 Y dimension is shortened.

Alterations	Code	Spec.
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.
Flat Machined on Fixed Side Shaft End	SC	Adds a flat on the fixed side shaft end. SC=1mm Increment Ordering Code SC5 5≤SC≤12 SC≤F-1
2 Flats Machined on Fixed Side Shaft End 	SWC SGC	Adds two flats on the fixed side shaft end. JIS-SWC: 90° Position SGC: 120° Position 1mm Increment Ordering Code SWC6 5≤SWC, SGC≤12 SWC, SGC≤F-1

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