

# Rolled Ball Screws Compact Nut - Shaft Dia. 25; Lead 5

## Accuracy Grade C10

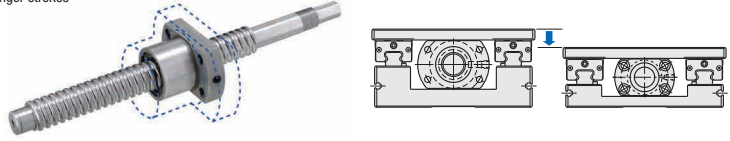
**Points of comparison between similar products** | Consider using this product if the usage environment is a high-load, and high-frequency drive application.



Nut Type	Type		Accuracy Grade	Shaft Dia.	Lead	Screw Shaft			Nut		
	Standard	F, P Configurable				M Material	H Hardness	S Surface Treatment	M Material	H Hardness	S Surface Treatment
Compact Nut	BSSC	BSSCK	C10	25	5	S55C	Induction Hardened 56-62HRC	-	SCM420H	Carburized 58-62HRC	-

### Features of Compact Nut

- Compact O.D.
- Lower profile sliders can be used.
- Longer strokes

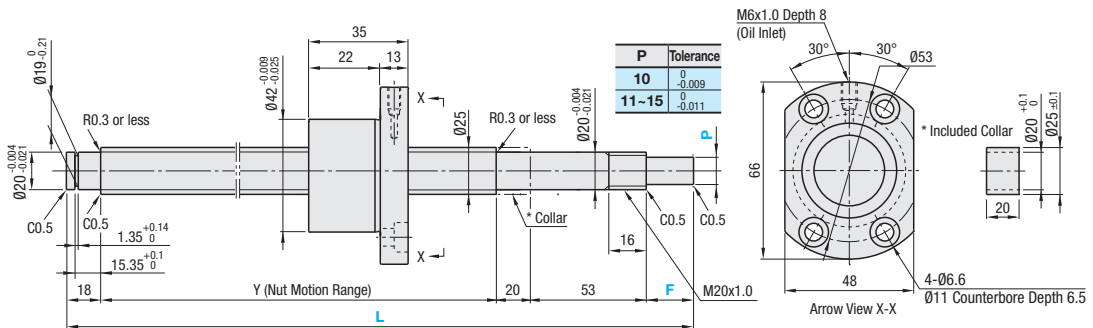


### BSSC(K)2505

\* Included Collar (1 pc.)

**M** Material: S45C

**S** Surface Treatment: Black Oxide



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	Twisting Direction
		Type	Screw Shaft O.D.	Lead	L	*F	*P						C (Dynamic) kN	Co (Static) kN		
Compact Nut	C10	BSSC	25	05	200-2000	27	15	L-118	3.175	25.5	(22.25)	3 turns, 1 row	5.47	12.52	0.10 or Less	Right
		BSSCK				27-45	10-15									

\* F and P are configurable for BSSCK only.  $F \leq P \times 3$

kgf=Nx0.101972

Nut Type	Accuracy Grade	Part Number	Unit Price 1 ~ 4 pc(s).								
			L200-400	L401-600	L601-800	L801-1000	L1001-1200	L1201- 1500	L1501- 2000		
Compact Nut	C10	BSSC2505									



Ordering Example

Part Number - L - F - P  
 BSSC2505 - 521  
 BSSCK2505 - 300 - F32 - P13