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.

Features of Compact Nut
Compact O.D.
- Lower profile sliders can be used.
- Longer service life.

Nut Type Accuracy Grade Part Number 1mm Increment Y Ball Dia. Ball Castor Dia. Screw Rod Dia. Number of Circuits Basic Load Rating Dynamic Coefficient of Friction Axial Play Twisting Direction
Compact Nut C10 BSSC BSSCK 25 05 200~2000 27 45 27~45 15~15 1.17 1.18 3.175 (22.25) 3.47 13.52 0.15 Right

* F and P are configurable for BSSC only.

Notes
- Filled with lithium soap based grease (Kawerau Grease S2 made by Showa Shell Sekiyu K.K).
- For accuracy of Ball Screws, see P723 and P724.
- For details of Support Units, see P753 ~ P778.
- Do not tilt the ball screw assembly since the nut may spin off from the shaft due to its own weight.
- Use the "* collar" position in the diagram for the accessory collar. Use one of the support unit accessory collars on the fastening nut side.

Peripheral: Combination of the following parts is available.

- Support Units (Square, Low Profile)
- Support Units (Round)
- Nut Brackets (Black Type)

Combination with Support Units

Ball Screw Part Number Ball Screws Part Number Recommended Support Unit Unit Price ¥ 1~4 pieces
BSSC 25 05 BSSCK2005 200 200~2000 27 27~45 15~15 1.17 1.18 3.175 (22.25) 3.47 13.52 0.15 Right

Peripheral: Special Temporary Shafts suitable with Ball Screws are available.
- Optional: Nut from Screw Shaft, always use Special Temporary Shaft.
- For installation method, see P825.

Lower profile linear units can be designed by using in combination with Support Units Low Profile Type.