

HMD Series Ball Screws for High-Speed Machine Tools

Upgraded version of the HMC Series, featuring a new middle deflector recirculation method that enables high-speed, low-noise operation and higher rigidity.

Product Features

- High Speed feeding:
- $d \times n$ value was improved to 160,000 by new recirculation parts (End deflector and newly developed Middle-deflector)
- Max feeding speed 120m/min
- High rigidity / precision
- Adopted offset preload
- Higher rigidity by specialised ball groove shape
- Reduced noise: Noise level is reduced 6dB

Benefits

- High-load capacity
- Low noise
- High speed
- Compact nut

Condition Description

- High Accuracy
- High Load
- High Speed
- Low Noise

Industries

- Machine Tools
- Semiconductor
- Woodworking

