

## Ball Screws for High-Speed Machine Tools - HMD Series

HDM Series is an upgraded version of the highly regarded HMC Series, featuring a new middle deflector recirculation method that enables high-speed, low-noise operation with 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 specialized 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

- Aerospace
- Machine Tools

