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