



Copy Milling



Shoulder Milling



Slotting

Swing Ball

High Productivity Indexable Ball Nose End Mill

DIJET's Swing Ball end mills are designed for multi-directional milling of molds, dies and other similar type work pieces. This ball nose end mill can cut a wide range of materials including annealed or heat treated die steels and cast irons.



- **Lower Cutting Forces at Higher Feed Rates**

Cutting forces are reduced by up to 25% when compared with conventional type. This is achieved by the use of a positive style insert with chip breaker groove and edge notches. The double insert design gives the cutter a smooth cutting action and excellent production.

- **Plunge Cutting Possible**

By providing a sub chip pocket at spiral nose R position, this helps eject chips smoothly and improves resistance of chipping or cracking.

- **Reliable Insert Location**

Clamping key is improved to prevent insert movement during the cutting action, including heavy operations. Increased insert thickness provides higher impact strength for safe production.