Mitsubishi Materials is constantly engaging ultra modern technologies in the research and development of cutting tools. Results of the research provide solutions for the ever increasing requirements of the energy industry.
BLADE

SHAFT/CONNECTING RING
Work material [Ductile cast iron]

**Drilling**
Indexable drills with precisely balanced sharpness and stability achieve high efficiency machining for drilling large components.

**Contour machining**
Indexable end mills exhibit low cutting resistance and stability machining for long overhang tool applications.

**Face milling**
Indexable milling tools with fine and extra fine pitch options reduce costs while promoting higher productivity in ductile cast iron machining.

AHX640W  TAW Drill  SPX
**Drilling**

Indexable drills with CVD diamond coated inserts achieve long tool life and high accuracy machining for GFRP components.

**Face milling**

Indexable face milling cutters with PCD inserts resist welding enabling longer tool life by preventing unexpected insert damage.
Drilling
Drill series allows excellent chip evacuation to enable efficient machining of large and deep holes.

Raceway turning
Coated CBN grade inserts effectively finish turn hardened components such as HRC50-60.

External, internal and face turning
CVD coated insert series offers excellent chip control and stability for heavy duty turning of forged components with scale.

Work material [Alloy steel]

Chip breaker for heavy cutting
Coated CBN grade BC8020
WSTAR Super long Drill
TAF Drill
SHAFT / CONNECTING RING

Work materials [Carbon steel, Alloy steel]

Drilling
Indexable drill series allows excellent chip evacuation to enable efficient machining of large and deep holes.

External and face turning
CVD coated insert series offers excellent chip control and stability for heavy duty turning of forged components with scale.

Chip breaker for heavy cutting

UE Series

Double Clamp Holder

TAW Drill

TAF Drill

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