

RCKT-ER

ZANHO Cutting Tools



RCKT-ER

—— Milling Inserts ——

Interchangeable with ZCC-CT

Feature

ZANHO RCKT 1606MO-ER is a 16mm round insert featuring **independent moon-shaped chip-splitting pits** to drastically reduce cutting force and heat. Engineered for **high impact resistance**,

it excels in roughing castings and forgings with scale. Its balanced geometry ensures stable evacuation and prevents vibration, delivering maximum edge security in heavy machining.

Descriptions

Key Technical Advantages

- **Moon-Shaped Chip Splitting:** Features unique, independent drop-shaped pits that segment chips during cutting. This reduces thermal concentration and prevents chips from sticking to the tool (built-up edge).
- **Superior Impact Resistance:** Engineered with a wider land area for maximum edge strength, making it ideal for heavy roughing of castings and forgings with rough surface scale.
- **Balanced Sharpness & Security:** Unlike pure roughing tools, the ER geometry maintains a sharp rake angle to lower cutting resistance, effectively suppressing vibrations even on standard machines.
- **Enhanced Process Stability:** Segments wide chips into shorter strips, ensuring smooth evacuation and preventing secondary cutting in deep cavity or pocket milling.
- **Heavy-Duty Performance:** The robust 16mm (R8) body handles high cutting forces and interrupted machining with exceptional reliability.

Insert Dimensional Specifications (mm)

Model	D (Diameter)	S (Thickness)	d (Hole Dia)	R (Radius)	a° (Angle)
RCKT 1606MO-ER	16	6.4	5.4	8	7

Master Heavy-Load Surface Milling

ZANHO RCKT-ER series delivers the ultimate process security for interrupted roughing. Contact us for bulk B2B pricing and technical grade guidance.