RCMT-UPG

ZANHO Cutting Tools



Feature

ZANHO **RCMT1606M0UPG** is a heavy-duty **round carbide insert** specifically engineered for aggressive rough turning and profiling. Featuring the specialized **UPG roughing chipbreaker**, it

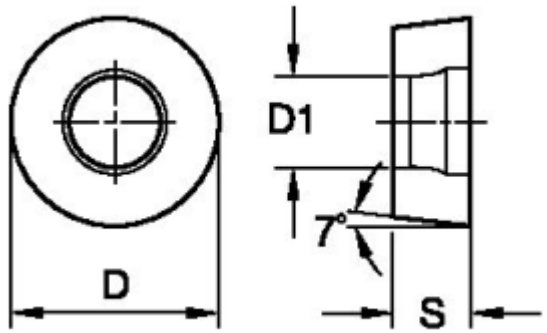
delivers exceptional chip control and edge strength in high-load environments. Primarily used for **steel roughing and railway wheel machining**, it supports a massive depth of cut (ap) up to 7.0mm and high feed rates, ensuring maximum metal removal rates and process stability.

Descriptions

Key Technical Advantages

- **Heavy-Duty Roughing Specialist:** Engineered for extreme metal removal rates (MRR), capable of handling axial depth of cut (ap) up to 7.0mm in stable conditions.
- **UPG High-Load Chipbreaker:** Specifically designed for roughing operations, providing reliable chip fragmentation even under high pressure and large cutting cross-sections.
- **Round Geometry Strength:** The circular shape provides the strongest possible cutting edge, making it highly resistant to impact and thermal shock during interrupted steel turning.
- **Railway Industry Optimized:** A proven solution for the demanding requirements of railway wheel re-profiling and machining, ensuring long tool life and consistent finish.
- **Profiling Versatility:** Excellent for multi-directional profiling and radius machining where high edge integrity is critical.

Technical Specifications



Model	IC (mm)	S (mm)	D1 (mm)	fn (mm/r)	ap (mm)
RCMT1606M0UPG	16.0	6.35	5.5	0.3 - 0.75	2.5 - 7.0

Need Aggressive Steel Roughing?

ZANHO RCMT-UPG series is the ultimate choice for heavy-load machining and railway industry applications. Contact us for bulk wholesale pricing and technical parameter support.