



C.P.T.
Präzisions Werkzeuge

New

CR-SUPERCUT Roughers



Solid Carbide Roughers

CPT solid carbide Rougher are new innovative high performance end mills.
Specifically designed for high volume machining applications.
Multi-flute, semi-finish profile and center cutting.
Provides high metal removal rates in Slotting, Shouldering and
Helical Plunging operations.



Features

- High Performance Cutting (HPC), High material removal rate
- Innovative roughing geometry produces smaller chips
- Low cutting forces
- Reinforced corner chamfer, promotes additional strength for longer tool life
- Designed to machine difficult and abrasive materials, Steels and Alloy Steels up to 56 HRc as well as Stainless Steels, Cast Iron and Super Alloys

Ultra-Fine carbide grade **CR3** with high hardness and toughness provides high cutting edge stability and wear resistance.

A **New Generation** of PVD Coating for High-Performance Cutting Applications.

CMT Roughers

Indexable CMT Roughers for excellent performance



Features

- Ground profile inserts for high precision and excellent performance
- Solid and accurate clamping method enables full repeatability
- Working at high machining parameters
- Modular system using various standard CMT toolholders
- Enables machining with large overhang
- For machining Steels and Alloy Steels up to 56 HRc as well as Stainless Steels, Cast Iron and Super Alloys.

Carbide Grade: CR3

Solid Carbide Roughers *Aluminum Machining*



Features

- High Performance Cutting (HPC)
- Optimal flute geometry delivers maximum metal removal rates and better chip evacuation
- Low cutting forces
- Reinforced corner chamfer, promotes additional strength for longer tool life
- Uncoated smooth surface finish

Ultra-Fine carbide grade **CR5** with high hardness and toughness provides high cutting edge stability and wear resistance.

Available with or without internal coolant through the flutes

CPT GmbH

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