

High-Performance Solid Carbide •  
**Roughers**

# HP ROUGHER



Special proprietary carbide substrates and state-of-the-art surface technology, combined with unique geometries, provides end users with the capability to significantly reduce machining time with heavier and deeper cuts, fewer passes, and faster surface speed. WIDIA™ geometries are uniquely formed and fine-tuned to optimise chip form, size, and evacuation generated by a given workpiece material.

- For all ferrous workpiece materials.
- Low power consumption at high speeds with long tool life.
- Provides maximum metal removal rates in both slotting and profiling operations.
- Alternative solution for productivity gains on light machines.

**Designed Profiles**  
Maximum Metal Removal Rates (MRR) with low power consumption.

**Unique Geometries**  
Heavier and deeper cuts.

**Centre Cutting**  
Ramping and plunging capabilities.

Available with Victory™ grade technology.

**WIDIA  
VICTORY**

**WIDIA** 