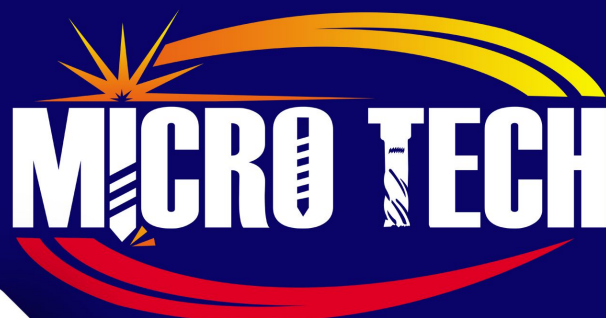


Solid Carbide

Special Tools As Per Customers Requirements



» OUR PRODUCTS ARE ENGAGED IN
**GENERAL ENGINEERING/DIE AND MOULDS/
WOOD CUTTING/ AUTOMOTIVE/AEROSPACE
INDUSTRIES**

» PRODUCT RANGE

- SQUARE ENDMILLS
- ENDMILLS WITH CORNER RADIUS
- TAPER ENDMILLS
- BALL NOSE ENDMILLS
- VARIABLE HELIX ENDMILLS
- DRILLS (WITH & WITHOUT THROUGH COOLANT)
- STEP DRILLS
- CENTER DRILLS
- REAMERS
- COUNTERSINKS
- T-SLOT CUTTER
- HOLE MILLS
- WOODRUFF CUTTERS
- SPECIAL PROFILE TOOLS
- CUSTOM TOOLS (AS PER SPECIFIC REQUIREMENT)



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AN ISO 9001:2015 CERTIFIED COMPANY



ABOUT MICROTECH

www.microtechtoolings.com

OVERVIEW - Description and Brief History

Micro tech an industry based on carbide tool manufacturing and regrinding in Coimbatore, Tamilnadu. We provide our best quality solid carbide tools as for the various jobs and application related sectors. We assure the quality by verifying the tool speciation using Rapid i video measuring system and we provide tool specification reports for the special tools.

RESHARPENING & RECOATING SERVICE ALSO AVAILABLE

INFRASTRUCTURE

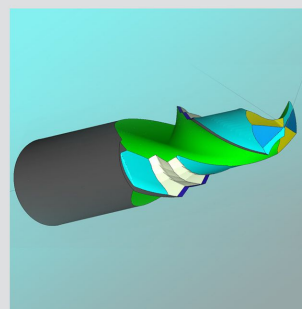
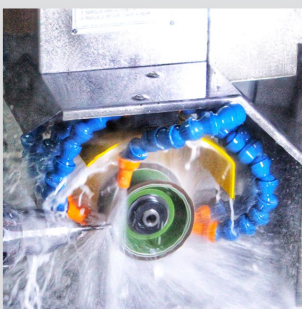
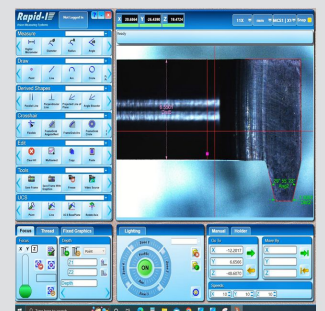
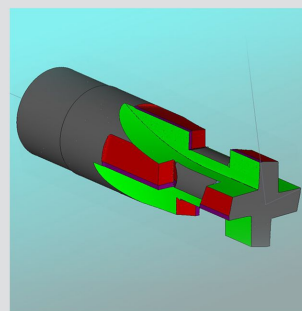
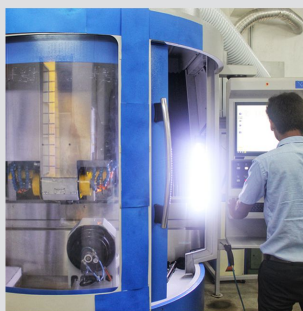
Processes With Modern Equipment

Indian market is growing rapidly in the field of manufacturing high precision equipments. According industrial tools has been improved quality of solide carbide toolings as for the customer need. We use 5 axis Double Spindle CNC tool grinding machine for making high performance tools and ensure the tool geometry using rapid i video measuring system. We provide our best service in manufacturing and resharpening of tools. Some customers prefers for Resharpening and coating for increasing production and low wear rate of tools. We deliver the tools at minimum working days as per the customers need.

PRODUCTION & QUALITY CONTROL MACHINES

1. 5 axis Double spindle CNC Tool grinding machine
2. Rapid I video measuring system
3. 3D Tool stimulator

Production Machines



PRODUCT RANGE

» Endmills

Range :

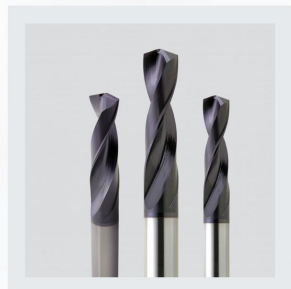
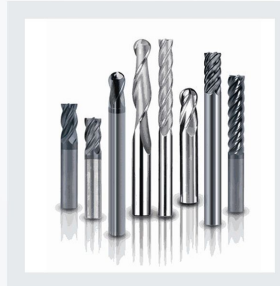
(2mm To 25mm, Length 30mm To 300mm,
1 Flute To 8 Flutes)

Style :

(square Endmills , Ballnose Endmills,
Corner Radius Endmills, Taper Endmills,
Roughing Endmills, High Feed Endmills,
Chamfer Endmills, Engraving Tools,
Specials)

Type :

(regular, High Performance, Dies &
Molds, Hardened Steels, Aluminium Or
Other\non-ferrous, Composites,
Aerospace)



» Drills

Range :

(2mm to 20mm, Length 2D to 7D)

Style :

(Solid, Through Coolant, Step Drills, Centre
Drills, Subland Drills, Core Drills, Specials)
(Different Geometries for Different Work
piece Materials like Cast iron, Forged Steel,
Aluminium & Different Hi Performance
Coatings etc)

Type :

(regular, High Performance, Dies &Molds,
Hardened Steels, Aluminium Or Other \n
non-ferrous, Composites, Aerospace)

PRODUCT RANGE

» Holemills and Reamers

Range :

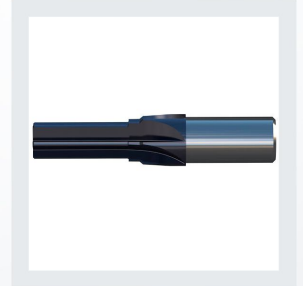
(3mm to 20mm, Length 2D to 5D)

Style :

(Solid, Through Coolant, Step Reamers, Holemill cum Reamer, Specials)

Type :

(Straight Flute, Helical Flutes)



» Wood Cutting Tools

Range :

(2mm to 20mm)

Style :

(Routers, Straight Flute, Helical Flute, Taper, Specials)

Type :

(Single Flute, Two Flute, Specials)

PRODUCT RANGE

» T-Slot, Wood Ruff, Dovetail Cutters

Range :

(6mm to 32mm)

Style :

(Straight Flute, Helical Flutes, Specials)

Type :

(No. of Flutes, Diameter, Thickness, Angles etc as per customer requirement)



» Special Profile Tools

Range :

(2mm to 32mm)

Style :

T-Slot, Woodruff, Dovetail, Back Chamfer, Combination Tools, Single Point Tools, Special Profiles as per Component or Customer Requirement)

Type :

(Straight Flute, Helical Flutes, Staggered Teeth, Specials)

Regrinding Services

» Our Tools



Endmill



Ball Nose



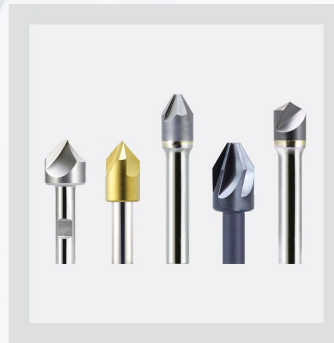
Drills



Step Drills



Reamer



Form Tools



Special Tools

» Resharpening

- By properly resharpening carbide tipped tools, the end user can greatly enhance the value of the tooling investment
- It is important that certain techniques for resharpening be used to maximize the tool's life and productivity
- A resharpening schedule should be implemented based on proven tool life to avoid excessive downtime or catastrophic tool failure

Drills - Grind lips only

Reamers - Grind relief on chamfers only

Counterbores - Grind relief on cutting edges only

End Mills - Grind relief on OD and/or end teeth only

Milling Cutters - Grind relief on OD and/or side teeth only

» Form Tools

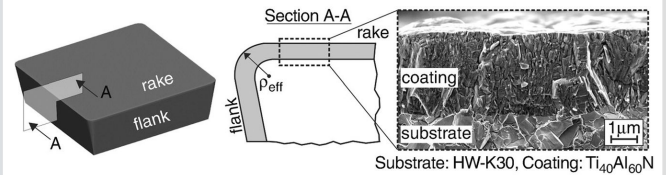
- Form Drills
- Form Endmills
- Step Reamer

» Special Tools

- ID Grooving
- Threading Tools
- Face Grooving Tools

» Coating

- Hard, to resist flank wear and deformation
- Tough, to resist bulk breakage
- Non-reactive with the workpiece material
- Chemically stable, to resist oxidation and diffusion
- Resistant to sudden thermal changes





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GET IN TOUCH

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SIDCO (Post), Coimbatore - 641 021.



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