



COMMITTED TO CREATING PRECISION ENGINEERED CUSTOMIZED CUTTING TOOLS & MORE

SOLID CARBIDE
DRILLING TOOLS



BRAZED & SOLID
CARBIDE MILLING
TOOLS



CARBIDE
BRAZED BTA TOOLS /
DRILLING HEAD



BRAZED &
SOLID CARBIDE
REAMERS



BRAZED &
SOLID CARBIDE
PROFILE TOOLS



About Us

From its very inception in 1984, a company was focused on creating new symbols of excellence along its business journey. **Sidhartha Tools Pvt. Ltd.** has come a long way and has established its presence as a premier manufacturer of Tungsten Carbide Rotating Cutting Tools in India. The company today caters to the widest requirements for Precision Cutting Tools, for varied sectors in General and Auto Component manufacturing industries in particular.



The endeavour of the company, is to provide world class quality, prompt service and precision products to its esteemed clients through Total Quality Consciousness and Customer Centric Approach.

The company through its business journey has now reached an impressive turnover of over Rs.100 Million and manufactures wide application Cutting Tools like Profile Cutters, Reamers, End Mills, Drills and others in a customized way. The company lays further emphasis on producing Cutting Tools, which are cost effective and durable so that they meet customers CPC (Cost per Component) requirements.

Sidhartha Tools Pvt. Ltd. has a state-of-the-art manufacturing facility in IMT, Manesar (Gurgaon), Haryana. The infrastructure of the company facilitates the maintenance of high manufacturing standards and new technological advancement are adapted periodically to keep the company competent.

Aim, Mission and Vision

To be a globally recognized premier precision Cutting Tools manufacturer and ensure total customer satisfaction, through prompt customized supply of quality products and services. The further endeavour is to expand the product base and explore the manufacture of New Innovative Products and Auto Components in the future.



Storing & Raw Material

At Sidhartha Tools, finished goods are properly cleaned, Laser Marked with relevant information and are packed in plastic packing boxes made specifically for Tooling.

Raw material such as Tungsten Carbide Rods, Flats & Tips, Alloy Steel, Silver Brazing Flux & Strips, Diamond Grinding Wheels, Abrasive Grinding Wheels and other miscellaneous items used in production are procured directly from internationally renowned suppliers such as Sandvik and Kennametal Group to ensure superior quality products in every detail.



Customized Services for Automobile Components Manufacturing

The company, on the basis of its high level of quality consciousness, has been able to register its presence, as a premier Cutting Tools manufacturing company. Now the company has also ventured into Auto Components Manufacturing and Job Work, it has brought the same level of efficiency, precision and expertise in its business operations. The company has therefore, created a niche for itself in the Auto Components Manufacturing Sector too based on its customer focussed work culture.



Solid Carbide Drilling Tools

The company manufactures a wide range of Hole Making Tools such as Twist Drills, Step Drills, Flat Drills, Core Drills, Burnishing Drills, Double Margin Drills etc., all in Solid Carbide, Through Coolant and Non Through Coolant, Straight or Helical Flutes starting from $\text{Ø}3.0$ mm up to $\text{Ø}25$ mm and OAL upto 300 mm. Only Core Drills having 3 or 4 flutes above $\text{Ø}25$ mm are manufactured in Carbide Brazed Type.



Brazed & Solid Carbide Milling Tools

The company offers Milling Cutters that are used on CNC Horizontal & Vertical Milling Machines and Machining Centers and are offered in 2/3/4 Fluted End Mills, Slot Drills, Spot Face Cutters, Side & Face Cutters, Woodruff Keyslot Cutters, T-Slot Cutters, Ball Nose Cutters etc., in Solid Carbide and Brazed Carbide Tipped Type. The company also offers True Helical Low Helix Brazed Carbide End Mills and Slot Drills etc., in larger diameters.



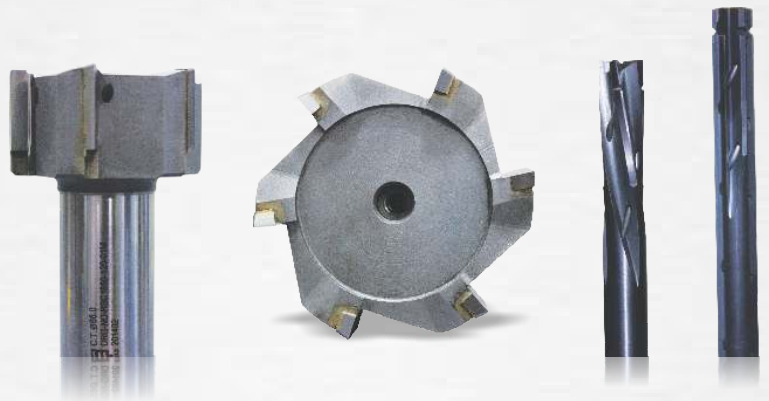
Brazed & Solid Carbide Reamers

The company manufactures a wide range of Brazed Carbide, Solid Carbide, Solid Carbide Lugged type Reamers, Hole Mills and Hole Mill cum Reamers starting from Ø3.0 mm up to Ø25 mm in Solid Carbide and Brazed Carbide Reamers starts from Ø8.0 mm onwards.

Reamers and Hole Mills are manufactured by using Ultra Premium Tungsten Carbide Reaming Grade for longer and more durable life. The company has also developed a combination tool called Hole Mill cum Reamer, which helps save cycle time and reduces inventory requirement at the customer end.

Following are the type of Reamers that are regularly manufactured in Through Coolant and Non Through Coolant:

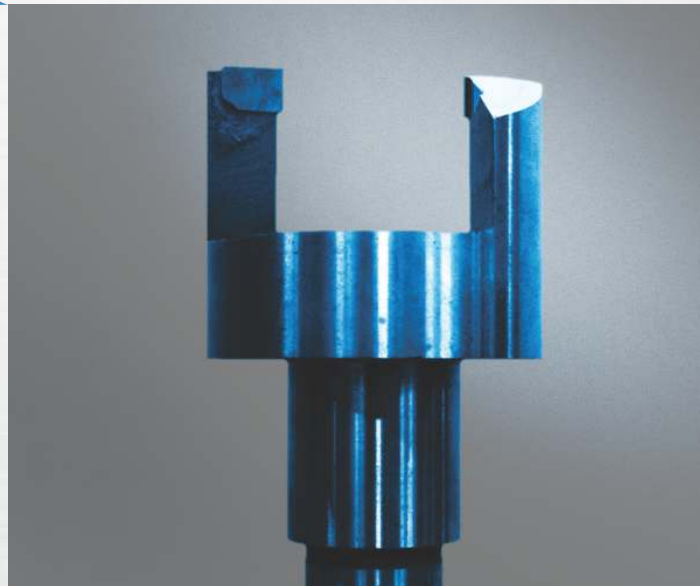
- **Burnishing Reamers • Step Reamers**
- **Taper Reamers • Shell Reamers**
- **Hole Mills • Chucking Reamers**
- **Hole Mill cum Reamer**



Brazed & Solid Carbide Profile Tools

The company manufactures a wide range of Profile Cutters & Multi-Dia Cutters both in Solid Carbide and Carbide Tipped Brazed, as per client's specific requirements. This process involves manufacturing as per customer tool drawings or tools designed by the company as per the component drawing provided by customers. As there are numerous profiles that are made in Auto Components, the range is almost limitless. All the Profile Tools are checked on World Renowned Zoller Non Contact Tool Inspection machine which ensures accurate profiles.

The above Profile Cutters can also be manufactured in Through Coolant type if desired both in Brazed Carbide and Solid Carbide.



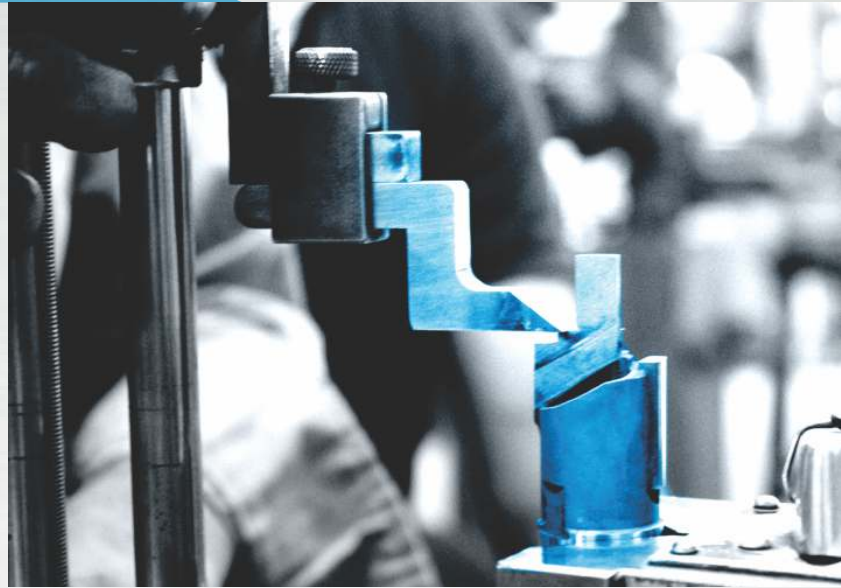
Carbide Brazed BTA Tools / Drilling Head

Sidhartha Tools, offers an extensive range of Brazed Type Multi-Step BTA Tools (With Internal Threads) starting from Ø26 mm and above for Deep Hole Drilling applications.

The company was the first in India to develop these tools which were previously being imported from Japan and is now the largest manufacturer and exporter of BTA Tools in India. These BTA Tools are widely used in shock absorber manufacturing units mainly for the 2-Wheeler automobiles worldwide.

FEATURES:

- **Consistent Performance**
- **Durability**
- **Excellent Finish**



EQUIPMENT

The entire functionality of equipments at the Sidhartha Tools Plant has been sequenced to ensure maximum efficiency and productivity. The company has been steadily building a comprehensive and robust infrastructure to provide its customers customized wide ranging services.

Some of the Plant Equipment Infrastructure of the company:

- 6 Axes CNC Tool & Cutter Grinding Machines
- Tool & Cutter Grinders (HMT & Praga Make)
- Surface Grinding Machines • Universal Cylindrical Grinders (HMT Make)
- CNC Turning Centres (LMW Make) • SPM Centering Machines
- Horizontal & Vertical Milling Machines (HMT & BFW Make)
- Line Inspection Equipments like Zoller, Profile Projectors.
- Measuring Instruments such as Digital Micrometers, Digital Height Gages, Slip Gages, Sine Bar, Sine Center etc.
- Sand Blasting Machines (MecShot Blast Make)
- Bandsaw Machines • IPG Germany Make, Laser Marking Machines

