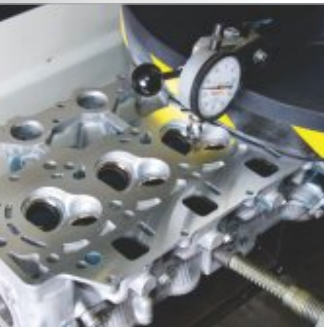


Technical Collaboration with WETEC-TOOLS Germany



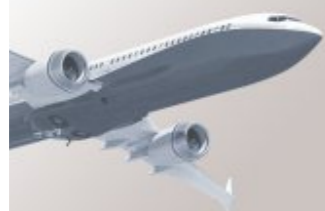
Automotive  
Components



Engineering



Gears



Aerospace



Watches



Home  
Appliances



Jewelry

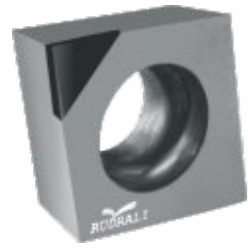


## Our Journey...

- 1992 Established Rudrali International for manufacturing natural diamond tools for the Jewelry industry
- 1995 Started manufacturing tools for the Watch industry, and began exporting to Swiss companies
- 1998 Developed specialized diamond tools for silicon wafer cutting applications in the Semiconductor industry
- 2001 Ventured into manufacturing tools for Contact lens cutting and other Ophthalmologic applications
- 2004 Incorporated as Rudrali Hi-Tech Tools Pvt. Ltd. and kicked off a phase of rapid expansion and growth
- 2006 Setup state-of-the-art infrastructure for manufacturing PCD & CBN tools
- 2009 Started inorganic expansions by acquiring Detroit-based Decota Tools, an end-to-end PCD & CBN manufacturer
- 2012 Received the prestigious 'Entrepreneur of the Year Award' from the Government of Maharashtra.
- 2013 Continued the global expansion by acquiring Wetech Tools, a 3-decade old German PCD & CBN tools manufacturer
- 2015 Established a manufacturing facility at Pune to cater to major Auto and Engineering OEMs
- 2015 Entered into a strategic technical collaboration with Wetech Tools Germany
- 2016 Set up to offer complete solution for Projects with Tooling Package for Automotive Industry.

The organization is currently focusing on R&D for developing cutting-edge tooling concepts that will meet future demands.

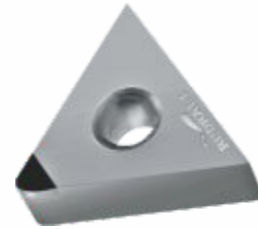
# PCD Inserts



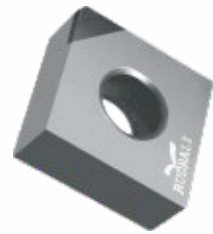
CCMW 09T304



SNEW 1204 ADFR



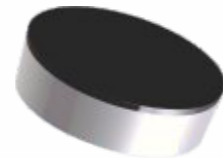
TNMA 160404



CNMA 120404



VCGT 160404



RNGN 1204

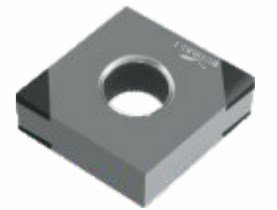
# CBN Inserts



FE TCMW 110204



3NU TCMW 110204



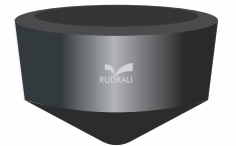
4NU CNMA 120404



2NU SNGA 120404



2NU VNGA 160408



SOLID CBN

## Applications for PCD Tools

**Automotive** Cylinder Head, Cylinder Block, Transmission Housing, Crank Case, Steering Housing, Master Cylinders, Valve Bodies, Throttle Bodies, Carburetors, Fuel Pumps, Oil Pumps Bodies, Air Conditioning Compressors & Housings, Starter Motor Housing, Pistons & Alloy Wheels.

**Pumps/Valves** Housings, Moving Parts

**Defence Sector** Brass Parts

**Home Appliances** Home Utensils

**Aircraft / Aerospace** Wing Tips, Ducts, Floor Posts, Cowling, Structural Components, Trim Panels

**Electrical Machinery** Commutator Shafts / Housings

**Computer and Electronic** Moving Discs; Mirrors/Lenses.

## Applications for CBN Tools

**Automotive** Gears, Axles, Shafts, Bearings, Engine Blocks, Valve Seats, Brake Rotors, Brake Drums, Clutch Plates, Transfer Housings

**Aircraft / Aerospace** Combustion Case, Shafts, Landing Gear, Bolts, Struts, Cylinders, Turbine Disk, Turbine Blades, Turbine, Shrouds, Engine Shafts, Turbine Vanes

**Engineering** Steel Roller

**Other** Pumps, Impellers, Shafts.

# PCD Rotary Tools



HSK Integral Reamer



PCD Milling Cutter



HSK Integral Reamer



Bell Mouth Cutter



BT Integral Reamer



Ball Nose End Mill



Flange Reamer



Trepanning Tool



OD Profile Tool



Parent Bore Reamer



Spherical Dom Profile Cutter



Multi Step Reamer



- Rudrali Reamers & End Mills are manufactured out of high-grade sub-micron carbide
- Reamers are available with special edge preparation and in various cutting options
- End Mills are available in Square, Corner radius options

#### Types of Reamers :

- Standard Reamers
- Flange Reamers
- Integral Reamers
- Drill cum Reamers
- Trepanning Tools
- Special Forming Tools
- Thread Milling Tools
- Special Slot Cutters & Grooving Tools



# Special PCD/CBN Tools



DMI CARTRIDGE



REAMER GUN INSERT



VSR BITE



GROOVING INSERT



GROOVING BLADE



TRIMMING TOOL



POSALUX TOOL



PCD TOOL

# Natural Diamond Tools



CNC TOOL



ICE LATH TOOL



FLY CUTTER



VACUUM BRASED TOOL

## Applications of Special PCD/CBN Tools

**VSR Bites (CBN)** are especially developed to suit the machining of Cylinder block Valve seats.

**Grooving Blades (PCD/CBN)** are exclusively developed for grooving & finishing of grooves on PISTONS where Piston Ring rests.

**Milling Cartridges (PCD/CBN)** are used in face milling operations where material removal rate required is higher.

**Reamer Gun Insert** Used in reaming applications & are replaced after wear with new on the same reamer body

**Grooving Insert** are used for making grooves with precise accuracy

**Trimming Tools** are exclusively developed for trimming the bur generated on components during machining

## Applications of Natural Diamond Tools

**Jewelry** Platinum, Gold & Silver Jewelry, Fashion Jewelry, CNC Cutting & Engraving

**Diamond** Diamond Sawing

**Computer Hardware** Silicon Wafer Cutting

**Ophthalmology** Contact Lens, Surgery Tools

**Electrical Motors** DC motor Commutator

**Automobile** Wheel Dressing

**Engineering** Wire Drawing, CNC Milling.

**Watch** Watch Parts

# Carbide Tools



# Milling Cutter Body



# Tool Management Services

**RUDRALI TOOL MANAGEMENT SERVICES** is a division of Rudrali hi-Tech Tools Pvt. Ltd.: At RHTMS (Rudrali Tool Management services) We provide the VALUE ADDED SERVICES to the customers RHTMS has a separate set-up for it's uninterrupted services to their esteemed customers for optimum utilization of tools.

**TOOL RESHARPENING** : At RHTMS we do the (Tool Re-sharpening) Diamond, PCD & CBN Special Tools on special Machines mostly are from Switzerland & Germany, On our imported machines we get BEST QUALITY OF SHARPENED EDGE to achieve the optimum tool life which is certainly cost effective & reduces the tool cost per piece in the present cut throat competitive Indian market.

## Special Tools

- Boring Tools
- Woodruff Cutters
- Form Cutters
- T-Slot Cutters
- Hole Mills
- Countersinks
- Counter Bores
- Corner Radius Cutters

## Ball Nose

- Ball Nose Milling Cutter
- Shoulder Milling Cutter
- Rough Milling Cutter
- Semi Finish Milling Cutter
- Finish Milling Cutter
- Slot Milling Cutter
- Burr Milling Cutter

## Drills

- Gun Drills
- Centre Drills
- Step Drills
- Long Drills
- 3-Flute Drills
- Twist Drills
- Burnishing Drills
- Flat Bottom Drills
- Micro Drills
- Spotting Drills
- Through Coolant Drills
- Spade Drills

## Reamers

- Micro Reamers
- Multi Diameter Reamers
- Solid Reamers
- Taper Reamers
- Gun Reamers
- Extra Long Reamers
- Through Coolant Reamers
- Burnishing Reamers

# Turn Key Projects

**Turnkey solution for new projects Tooling's** : At Rudrali we have highly experienced & professional Design & Engineering Team with Application expert for Rotary Tools, Single Point Tools & Special Tools. This cluster of experienced professionals have successfully implemented new turnkey projects for automobile components & other engineering products. At Rudrali we also under take the productivity improvement projects as value added service through process, tools & program modification over existing set-up with cost effective solutions.

# Overseas Customers



## Corporate Sales Office

Plot No. 113/7 'S' Block,  
MIDC Bhosari, Pune - 411 026  
(MAH.) India.

Contact : +91-20-2712 8590

## Northern Region

New Delhi

Contact : +91 88888 07065

## Southern Region

Bangalore

Contact : +91 88888 07063

★ Factory ● Sales Office ■ Dealers



## Solapur Plant

**Rudrali Hi Tech Tools Pvt. Ltd.**

E- 94 M.I.D.C, Akkalkot Road,  
Solapur - 413 006. (MAH.) India.

Tel.: +91-217-2651709 / 3293289

Fax: +91-217-2652643

Email: [hitech@rudrali.com](mailto:hitech@rudrali.com) | [www.rudralihitechtools.com](http://www.rudralihitechtools.com)

## Pune Plant

**Rudrali Hi Tech Tools Pvt. Ltd.**

113/7 'S' Block, MIDC Bhosari,  
Pune - 411 026. (MAH.) India.

Tel.: +91-20-27128590