



PRODUCT
BROCHURE

BRING THE
INNOVATION

OF INDUSTRIAL &
JEWELLERY DIAMOND
TOOLS

www.axistooltech.com

Posalux Type

Diamond Tool



Posalux diamond cutting tools are used for mirror finishing in jewelry industry.

Posalux means 'put the light on the clock face'

Applications

These tools are used with different jewellery machines for wedding ring, bangle, pendant and chain faceting. After the diamond cut effect, jewelry products gain a super shiny mirror effect. Posalux diamond tools can be used over most of the soft metals such as gold, silver, platinum, palladium, brass and aluminium. It is a popular jewellery tool since many years.

Repair/Repolish

We provided the repair or repolish of posalux diamond tools. You can send your tools and if the diamond does not have a big crack or if it is still be able to use - we will repair/repolish it and delivery back with a little service charge.

Available sizes and degrees

Sizes: 0.3mm to 11mm

Degree: Regular from 90° to 180° (can be customized according to requirements)

Shapes: Convex, Concave, Lining, V-Miller, Vertical

Vertical: Ball, A/U, Bindi (Point)

Material

CVD, MONO, PCD, Carbide

Chain Faceting Tool (Left & Right)

Chain machine tools in pairs (left & right side cutting)

- » 15°, 22.5°, 30°, 45°, 67.5°, 75°, 180° standard angles
- » High precision of size and angle

Mini Chain Tool

Mini size chain faceting tools

- » Light tool body for higher precision
- » 3/180°, 5/180° and 8/180° standard stock sizes
- » Special size, degree and shapes can be manufactured
- » Mono-Crystal or CVD options

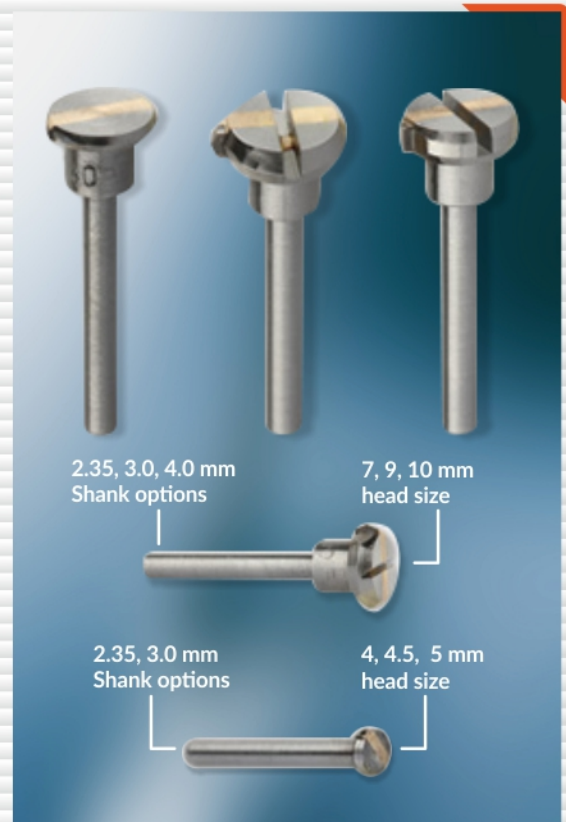
Flywheel

Hand Tool



Flywheel diamond tools for hand made jewellery design

- » Easy to use and practical for starters
- » High precision and long lifetime
- » Create endless jewellery design ideas with flywheel tools
- » 9 mm standard head size
- » 4mm, 4.5mm, 5mm and 10mm head sizes optional, special orders welcome
- » 3mm standard / 2.35mm and 4mm optional shank size
- » Premium quality Made in INDIA



CNC

Diamond Tool



Specifications

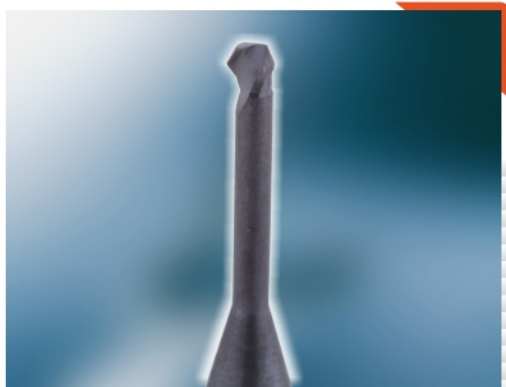
- » High precision vertical CNC diamond tools
- » perfect tool for CNC machines - engraving, decoration and other design
- » Best performance at 60.000 rpm spindle
- » Mono-crystal standard and CVD tool options
- » 6 mm standard shank size (3-4-5 mm and other special size orders)
- » Line tool for engraving, writing and drawing
- » Point, ball, circle and lining shape diamond cutting tools for CNC machines

Repair/Repolish

We can provide repair/repolish of all types of natural or mono-crystal CNC diamond tools and most of carbide/HSS tools.

CNC

Background Tool



Specifications

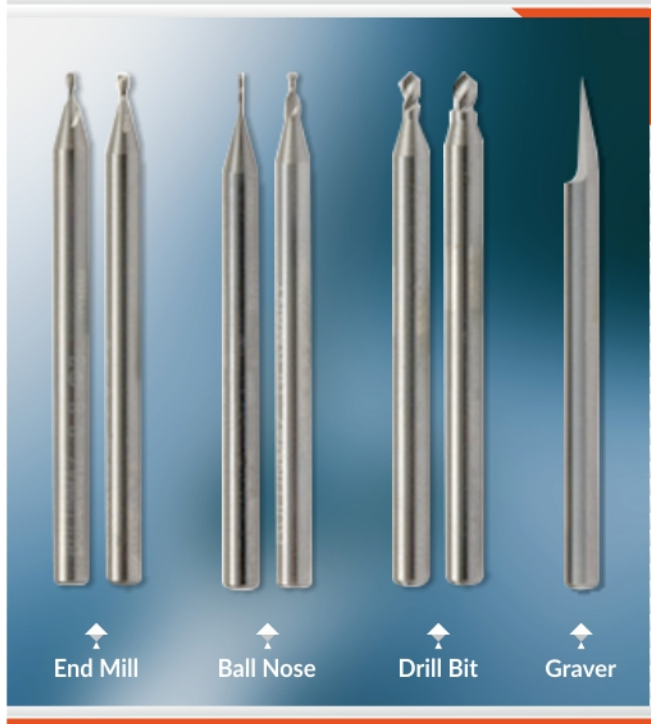
- » Background decoration tools for horizontal working
- » Carbide,
- » Rough cutting with carbide tools
- » Rainbow effect with PCD tools
- » Shining surfaces with diamond tools
- » Low speed spindle is convenient for working
- » Available in 1 flute ,2 fluteand 4 flutes

End Mill



Carbide Tools for Engraving, Drilling, Surface Finishing And Marking

- » End mills for engraving, cutting out gold/silver
- » Drill bits for opening stone holes
- » Ball nose cutters for surface finishing or 3D working
- » Gravers for engraving, writing or marking
- » Extra hardened carbide cutters for long tool life
- » Specialized metal formula for soft metal working (Gold, silver, brass)
- » Higher speed gives better performance
- » Carbide tool special orders in quantity orders
- » Sizes available
- » Micro : 0.3mm to 1.5mm
- » Regular 2mm to 12mm



Watch Making

Diamond Tools



Use of Diamond Tools for Watch Making

- » Machine tool and other diamond tools are widely used in watchmaking industry;
- » Send your drawing files and request a price;
- » High precision of long experience and low cost of multi-national company structure.

Available in Different angles and sizes according to requirements Material :

- » CVD
- » MONO
- » PCD
- » Carbide

Disc Tools

Chain Faceting

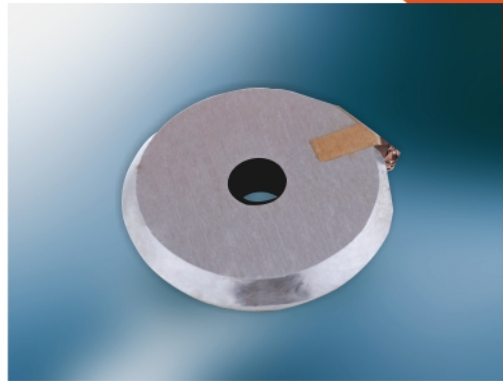


Specifications

- » Disk tool for chain and ball making machines
- » 2/120°, 2/130°, 2/140°, 2/150°, 2/160° standard angles
- » 1/180°, 1.5/180°, 2/180°, 2.5/180°, 3/180° standard flat cutting sizes
- » 40, 50, 65, 80mm standard round size
- » 8mm and 10mm standard hole size
- » Used in sheet decorating machines

PCD

Dull Tool



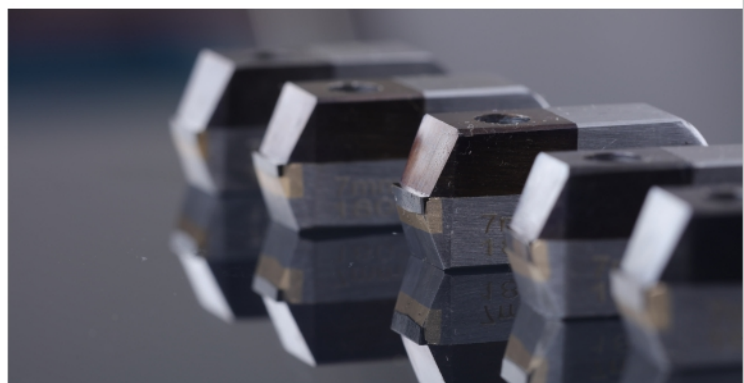
For creating background textures in CNC Machines,
Standard diameter: 12mm 18mm 24mm 30mm
Standard Hole: 4mm

Slash Cut

Diamond Tools



For creating background textures in CNC Machines,
Standard diameter: 12mm 18mm 24mm 30mm
Standard Shank Size: 6mm
Mono & PCD Available on Request



Company Profile



Axis Tool Tech, was founded by shri Chimanbhai Chothani in year 1990, It was initially named Sri Laxmi Tools and was renamed in year 2015 to Axis Tool Tech by Mr. Chimanbhai Chothani and Mr. Hardik Ramani. Axis Tool Tech offers CNC machinery, higher precision diamond tools, as well as related products. The company has sufficient experience in production, marketing and a knowledgeable Research & Development team for diamond cutting tools.

At Axis Tool Tech provides products the machine tools, jewellery tools, diamond tools, CNC tools, pencil tools, tools, PCD tools, Watch case tools and automotive industry tools. Adequate experience of production, marketing, and R&D of the diamond cutting tools as well as related machineries has provided them with the capability to understand the market requirements Today. The company feels proud for being the leading supplier of products related to jewellery tools, Automotive Industry Tools and High - End Cnc Machining Tools, which and are also exporting the products and service countries such as UAE, Egypt, Iran, Jeddah, Istanbul, Malaysia, Sri Lanka, Canada and many more.

Vision

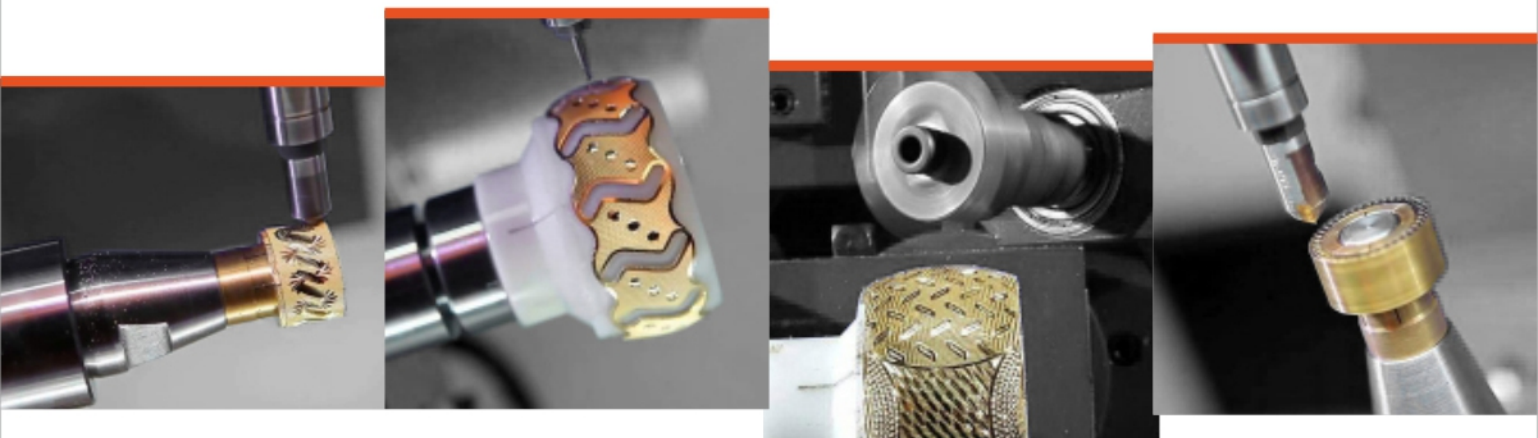
To provide the industry with the best type of tools for manufacturing, and innovative design's for perfect designing.

Mission

To provide the best quality products with optimum productivity and innovation with responsible costing for best quality and best services.

Industries we serve

- » Aerospace Industry
- » Aluminium and Other
Soft-Metal Industry
- » Automotive Industry
- » Jewellery production
- » Watch Making



Capability

- » Designing Tool as per customer requirement (Custom Tooling solution)
- » Tool Design and manufacturing with 0.01 precision
- » Tool Repairing and Reformation
- » Quality Inspection & Training



एक कदम स्वच्छता की ओर



We Support
Make In India Campaign



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Thank You