

Precious Harmony
World-wide Reputation



Shenzhen Yuhe Diamond Tools Co., Ltd

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Professional Diamond Tools Manufacturer

Company Profile

Certificates

Shenzhen Yuhe Diamond Tools Co., Ltd currently is one of the largest diamond tools manufacturers for jewelry Industry in China. Established in 1990, Yuhe specializes in the production of various diamond tools with high quality, durability and high precision, including posalux diamond tools, flywheel diamond tools, chain tools, cnc diamond tools and background tools, etc.

Our diamond tools can make shiny, smooth, high-gloss and background texturing on gold, platinum, 18k gold and silver materials. We persistently develop, design and process unique tool according to customers' special requirements. Professional production team, strong R&D team and perfect after-sales team let us enjoy great popularity.

Our experiential and advanced manufactory, passed the ISO9001: 2008 international quality certification, has many sets of PG3B machines from British, RG5 welding equipment from South Korea, the most advanced testing machine from Germany etc. Meanwhile, we use South Africa's high quality natural diamonds and high quality hard materials from the United States GE Company and the UK DE BEERS Company.

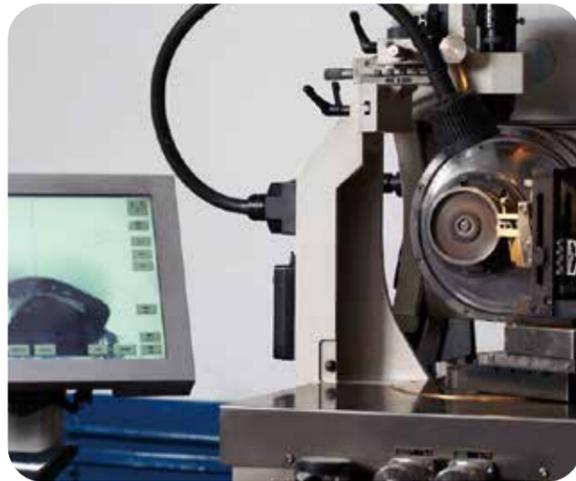
We keep learning, improving and expanding scientific research and innovation. Till now we have gotten 26 patents, including color texture engraver, color texture engraver gear, unique angle diamond tool, etc.

Yuhe always implements the "high quality, high efficiency, high requirement " principle for our products.

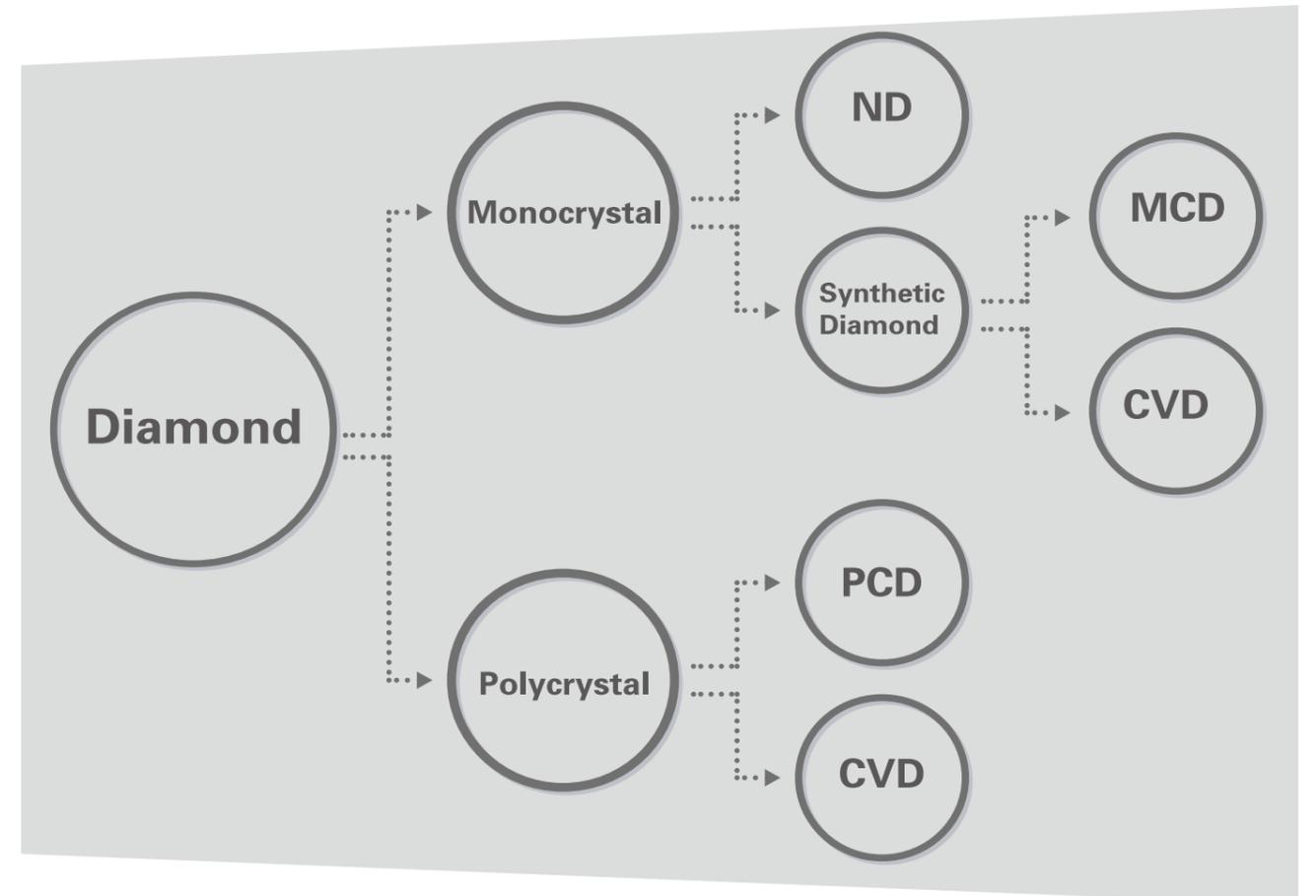


Production Equipment

Diamond Material

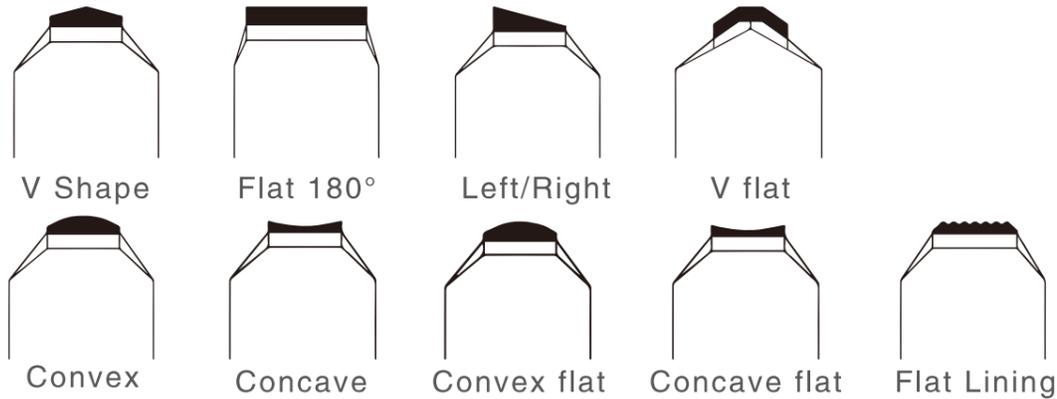


Our company uses high quality natural diamonds from South Africa and high quality ultra hard materials from the GE Company in USA and the DE BEERS in UK.

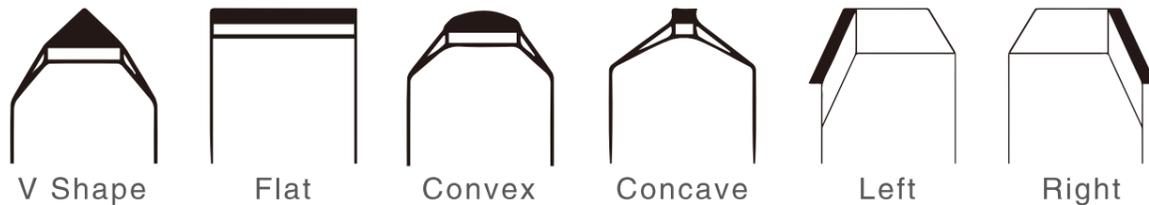


We also offer ND, MCD and CVD materials with different grades. Please contact us for details.

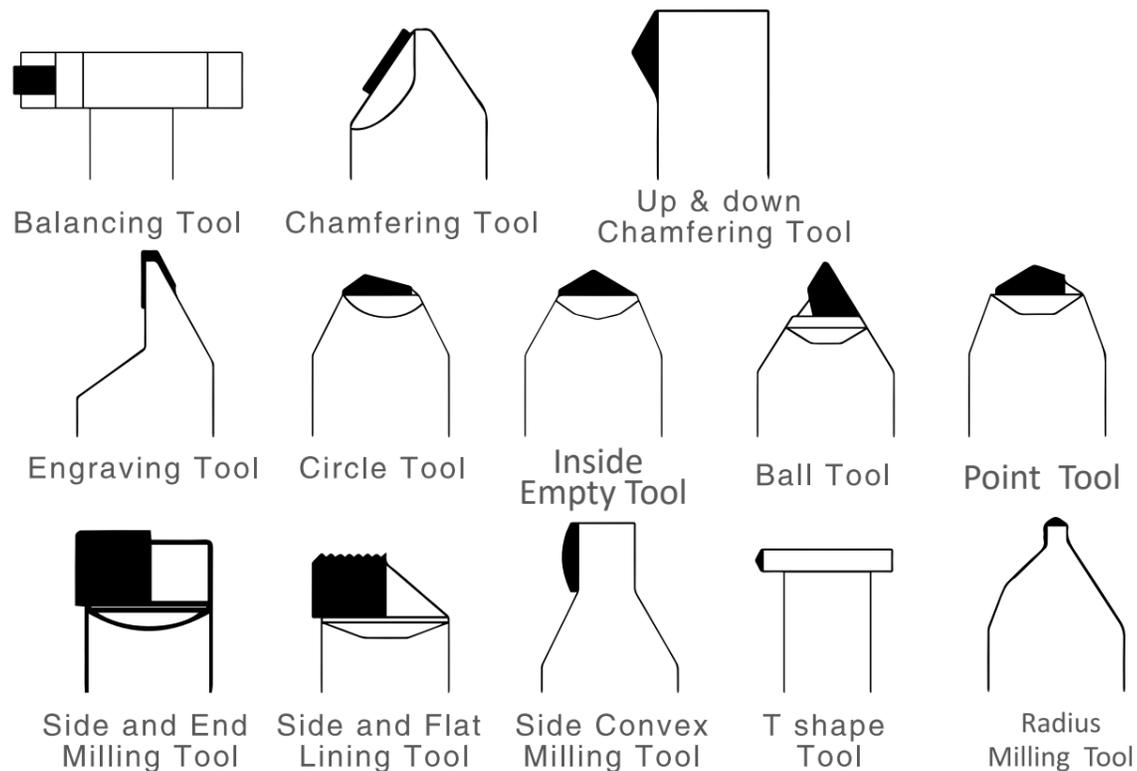
POSALUX TOOL & FLYWHEEL TOOL



CHAIN TOOL



CNC TOOL



Diamond Tool Re-lapping/Polishing

We provide service for re-lapping and polishing the diamond tools to increase tool life and performance. The tools can be re-polished about 60-70 times.

We have more than 150 trained technicians who can offer fast re-polishing service for diamonds tools. The polishing and repairing job can be done in our facility or we can arrange our repairing staff to work in the jewelry manufacturing workshop. Diamond tools can be restored to the original condition after polishing.

Periodical check is also very important to diamond tools as day to day usage can cause wear and tear. These cracks can result in large crack if they are not repaired in time. We can work out a proposed maintenance schedule for your tools so that you can maximize the use of the tool. This can save a lot of costs for the long run of a company.

Jewelry Manufacturing Consultation

Besides excelling in the field of manufacturing diamond tools, we also provide consultation service in setting up new production line for jewelry making. With about 30 years of experience in the jewelry manufacturing industry, we have rich experience for jewelry making. We have full range of diamond tools that are used for jewelry cutting and texturing. Our technicians will give you valuable suggestions on how to select the most suitable tools and machines for your company.

We have detailed back-up data for every diamond tool.

We offer repair service of our products or the products from other company.





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Posalux diamond tools are widely used in jewelry industry. Posalux diamond tools in different shapes and materials can make a variety of complex texture in gold, platinum and silver jewelry.

Posalux Diamond Tool

Optional Material:	Natural diamond, MCD, CVD, PCD, CBN, Carbide
Diamond Size:	0.25 mm to 8 mm
Shank Material:	Stainless steel
Shank Thickness:	6mm
Application Apparatus:	Faceting machine, CNC equipment.

All tools can be customized according to customers' requirements



Model NO.	Posalux Diamond Tools	Cutting Edge Figure	Pattern
100101 V Shape			
100102 Flat 180°			
100103 Left/Right			
100111 V flat			
100104 Convex			

Model NO.	Posalux Diamond Tools	Cutting Edge Figure	Pattern
100105 Concave			
100109 Convex flat			
100110 Concave flat			
100106 Flat Lining			



Our company can offer a wide range of Flywheel Diamond Tools, which are designed and manufactured at par with the prevailing industry standards for manual machine and CNC automatic faceting machine.



Flywheel Diamond Tool

Optional Material:	natural diamond, MCD, CVD, PCD, CBN etc
Diamond Size:	0.25 mm to 6 mm
Shank Material:	stainless steel
Shank Diameter:	can be customized
Application Apparatus:	manual machine , CNC automatic faceting machine

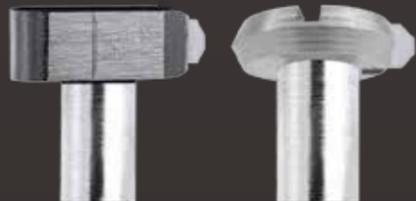
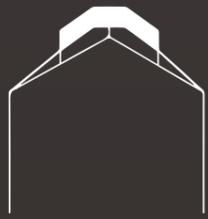
All tools can be customized according to customers' requirements



Type S

Type R

Model NO.	Flywheel Diamond Tools		Cutting Edge Figure	Pattern
	Type S	Type R		
200101 V Shape				
200102 Flat 180°				
200103 Left/Right				
200104 Convex				
200105 Concave				

Model NO.	Flywheel Diamond Tools	Cutting Edge Figure	Pattern
200111 V Flat			
200106 Flat lining			



Mini Chain Tool

(Item No : 300102)

Cutting Edge Material: natural diamond, MCD, CVD, PCD, carbide

Cutting Edge Size: 0.25--8mm

Shank Material: stainless steel

Cutting Edge Shape: flat, V-flat, flat lining

Application Apparatus: chain faceting machine



Mini Flywheel Diamond Tools

Produce all types of shapes such as V-shape, Flat, Flat Lining etc.

Mode No.	200153	200154	200155	200156
	Mini A	Mini B	Mini C	Mini D
	3.5~5mm	2~3mm	3.5~5mm	3.5~5mm
Mini Type				

Chain Faceting Tool

(Item No : 300103)

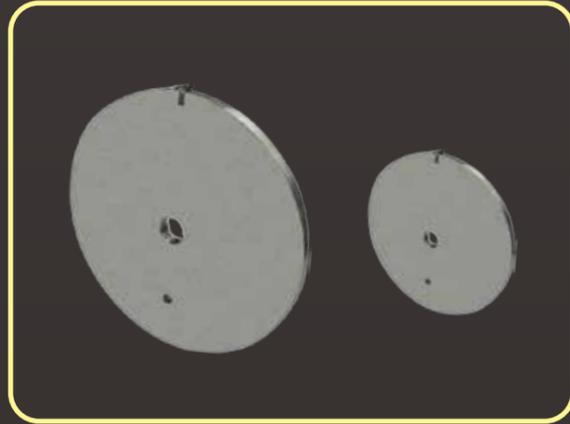
Cutting Edge Material: nature diamond, MCD, CVD, PCD, Carbide

Cutting Edge Size: 0.25--8mm

Shank Material: stainless Steel

Application Apparatus: chain faceting machine





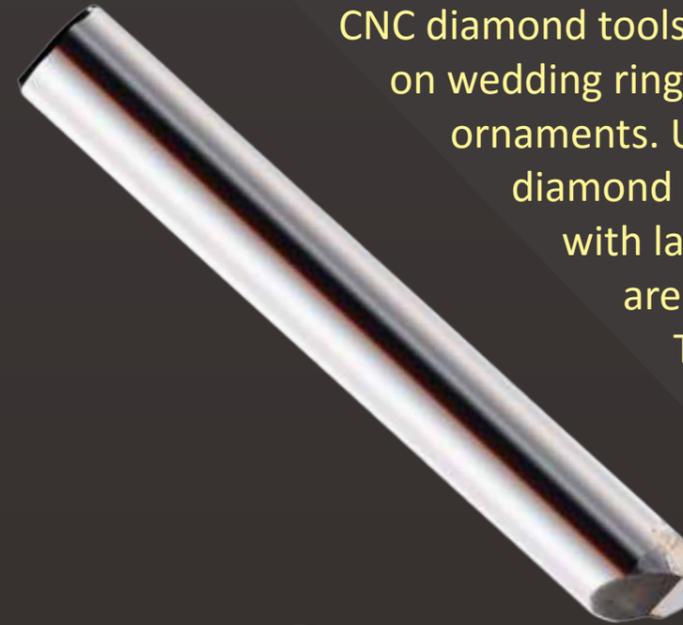
Disk Tool

(Item No : 600101)

Cutting Edge Material:	nature diamond, MCD, CVD, PCD, Carbide
Disk Material:	Stainless Steel
Disk Diameter:	30mm--70mm
Application Apparatus:	Semi-auto machine, CNC machine



Disk tool is mounted to semi-auto CNC ball chain machine to process individual ball, chain etc. We can offer a wide range of them which are compatible with all types of chain engraving machines worldwide.



CNC diamond tools are used to engrave and dot on wedding rings, bangles, sheets and other ornaments. Using premium quality diamond and most advanced machine with latest technology, the CNC tools are in high precision and durable. They are available in different functions with various shapes and sizes.



Inside/outside Lathe Tool

(Item No : 700101)

Cutting Edge Material:	nature diamond, MCD, CVD, PCD,
Shank Material:	Carbide
Application Apparatus:	Turning Lathe

Lathe tools are widely used on lathe machine for rings and bangles machining. We offer lathe tools in various shapes and sizes which makes it suitable for different types of lathe. Tools size can be customized.



CNC Diamond Tool

Diamond Material:	nature diamond, MCD, CVD, PCD, etc.
Diamond Size:	0.25mm-8mm
Shank Material:	carbide / stainless steel
Application Apparatus:	CNC machine

All tools can be customized according to customers' requirements



Model NO.	CNC Tool	CAD Image	Texture
400102 Balancing Tool			
400116 Engraving Tool			
400117 Circle Tool			
400118 Point Tool			
400119 Ball Tool			
400126 Color tool			
400139 Endmill			

Model NO.	CNC Tool	CAD Image	Texture
400112 Chamfering Tool			
400113 Side Convex Milling Tool			
400114 Side and Flat Lining Tool			
400104 Side and End Milling Tool			Mirror polishing machining with all types of texture
400106 Up & down Chamfering Tool			Up-down chamfering on jewelry
400138 T Type Tool			Engraving small texture in small space

Background Texturing Tools

Besides providing common background texturing tools, our company has creatively developed many new and unique background tools such as color engraving point and diamond mace point, etc, which adding fresh elements for jewelry industry.



Please visit our website www.yuhediamond.com for up to date products and tools application guide video.

Diamond Dull Points

(Item Number: 500134)

Material: Natural Diamond, MCD

Point Shape: 4 points, 1 point
(4, 6, 8 and 16 facets
and square point etc.

Diamond Size: 1.5mm – 2.5mm

Diamond Dull Point is usually used for making dull surface and engraving. It can be used for Platinum, Gold, Silver, Copper, Titanium, etc.





Diamond Dull Wheel

(Item Number: 500223)

Material: natural diamond

Wheel Shape: flat surface and
concave surface

There are two types: one type with 90 pieces of diamonds and the other type with 140 pieces of diamonds.



Comparing with diamond dull point, the jewelry processing efficiency of the diamond dull wheel is 5-10 times higher.



Diamond Mounted Points

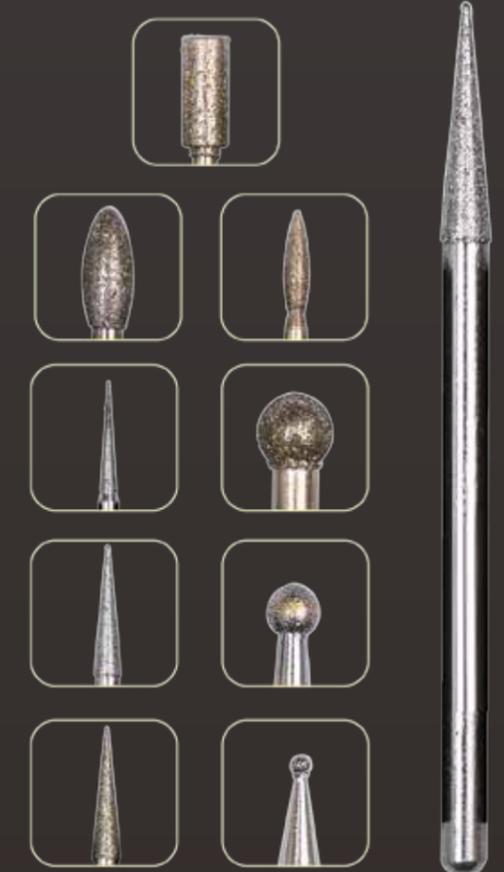
(Item Number: 500133)

Material: diamond powder

Shapes: any shapes can be
customized

Diamond Size: 0.1mm-5mm

Diamond Bur is also called diamond mounted point. It is varied and economical. There is a single layer of plated diamond on a steel substrate.



Usage: Adjust the machine to appropriate power. Then hold the shank and gently move from right to left till the entire surface becomes dull.

Lining Texture Bur

(Item No:500724)

Material: high speed steel

Shape: cylinder and cone, other
shape can be customized

Bur Size: 0.5mm-8mm

We have lining bur with groove and without groove. It is made of high quality high speed steel. Any shape can be customized.



Color Engraving Point

(Item No:500122)

Material: MCD, natural diamond

Point Shape: normal point, long
point, flat lining.

Color engraving points not only can make the bright shining surface but also can make colorful refracting surface.

Note: Color engraving points need to be mounted to Color Texture Engraver to achieve colorful effect.

Outlook: shiny color



Usage: Gently move the high-speed rolling lining bur until the entire surface is covered with lines.

Outlook: Neat lines. Tidy texture. Light bright reflecting surface.



Diamonds Mace Point

(Item No:500221)

Material: natural diamond

Diamond Size: 1.5mm-4mm

Diamond mace point uses natural diamonds that have 8 facets. So it is durable and excellent. We offer various shapes.



Note: Diamond quantity and shapes can be customized



Jewelry outlook: bold lines and dull surface.

Diamonds Chisel

(Item No:500120)

Material: MCD, carbide

Angles: 135°

Note: bevel can be customized.

Diamond Chisel is a new creative tool. It can create colorful groove texture on metal jewelry.

Note: Diamond chisel need to be mounted to Color Texture Engraver to achieve colorful effect.

Usage: Adjust the machine to the appropriate power and choose appropriate angle. Then hold the tools tightly and make color texture as you need.



Diamond Dotting Point / Wheel

(Item No:500126)

Material: nature diamond

Point Shape: single point, 8 facets (16 facets & 32 facets)

Dotting Point / Wheel is mainly used to dot on the texture of jewelry such as the eyes of the animals.

Note: Diamond Dotting Point/Wheel need to be mounted to Color Texture Engraver



PCD Tool



Carbide Tool



Name: PCD and Carbide Tools
 Material: PCD, Carbide
 Cutting Edge Size: 0.25 mm--16 mm
 Shank Material: stainless steel
 Shank thickness: 6mm--10mm
 Application Apparatus: faceting machine

PCD and Carbide tools are mainly used for overall surface back grounding. The cutting edges are wide enough to facet the whole surface for the ring and bangle. It is economical and widely used in modern jewelry factories.

All tools can be customized based on customers' requirements

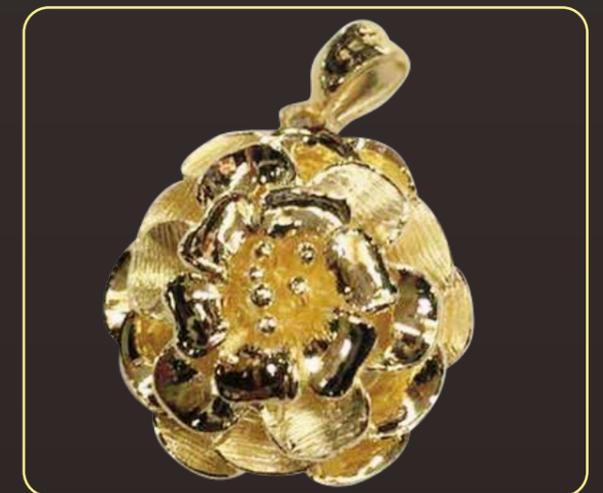


Steel Burnisher

(Item No : 500727)

Product Name: steel burnisher
 Cutting Edge Material: carbide
 Shank Material: copper
 Shank Length : 260mm
 Shank Diameter: 8mm

Steel burnisher can shape and smooth many metals, such as platinum, gold, silver, and precious metal with its long pointed tips. The tips are mounted in round, straight handle. Different cutting edge shapes are used for different types of irregular surface of jewelry.



Mill Grain Wheel

(Item No : 500739)



Wheel Material: Carbide
Shank Material: Stainless steel
Shank Width: 7mm
Shank Length: 100mm
Wheel Diameter: 10mm
Application Apparatus: lathe / mill grain machine

Mill grain Wheel is usually used on the lathe or mill grain machine to create uniform decorative borders on rings and bracelets. Each wheel is hardened and tempered to provide clean, well-defined imprints and to ensure long tool life.

Usage: Fix the ring on lathe, and print a texture into each edge of the ring.

Color Texture Engraver

The manual machine mainly processes irregular surface of jewelry products. Such as flower, petal and tags, etc. It is used operated by hand which is convenient to process small jewelry and special parts that can't be processed by machine.

Usage: Mount the color engraving point. Adjust the machine to the appropriate power. Then slightly slide the point up and down with fast speed until the whole surface gets covered..

No. Model	Color Texture Engraver	Application	Texture
400112 Hand machine 38W		Power:38W Machining thin color line	
400114 Hand machine 60W		Power:60W Machining thin and wide line	
400106 Semi-auto machine		High-efficiency and produce orderly color line	

Diamond lining bond



Jewelry display



product feature

The brushed lines are delicate and shiny.

The shank can be customized: 2.35mm, 3mm.