



SOLAR DIAMOND TOOLS INDIA PVT LTD

SINCE 1982

OUR HISTORY

Mr. Kailash Zaveri Founded Solar Diamond in 1982 &
in 1998 Mr. Milind Zaveri succeeded the company as Managing Director.

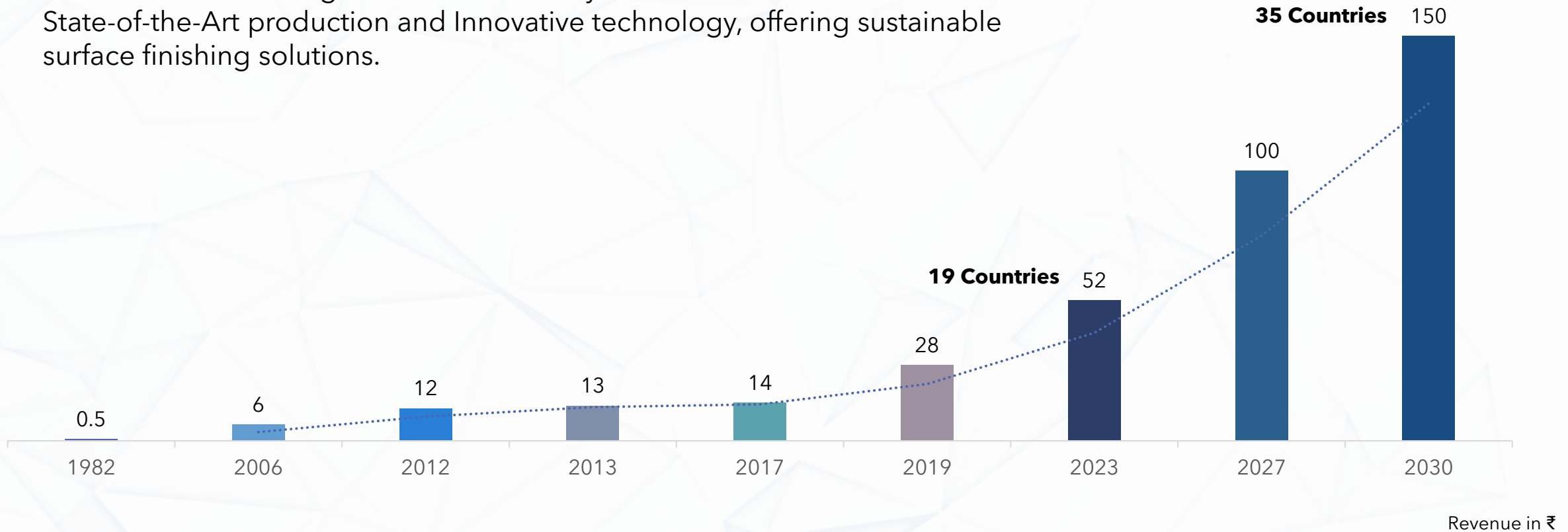
Kailash Zaveri

Milind Zaveri

Under the leadership of Milind Zaveri, company has grown 13% CAGR since 1990, with strong focus on Customer Centricity & building Solar Diamond Brand.

ENVISIONING GROWTH

Solar Diamond leverages decades of family run business excellence with State-of-the-Art production and Innovative technology, offering sustainable surface finishing solutions.



OUR JOURNEY

Plant area ~ 4000 sqm

Acquired new plot of area ~ 8000 sqm for capacity expansion by 2027



Revenue in ₹

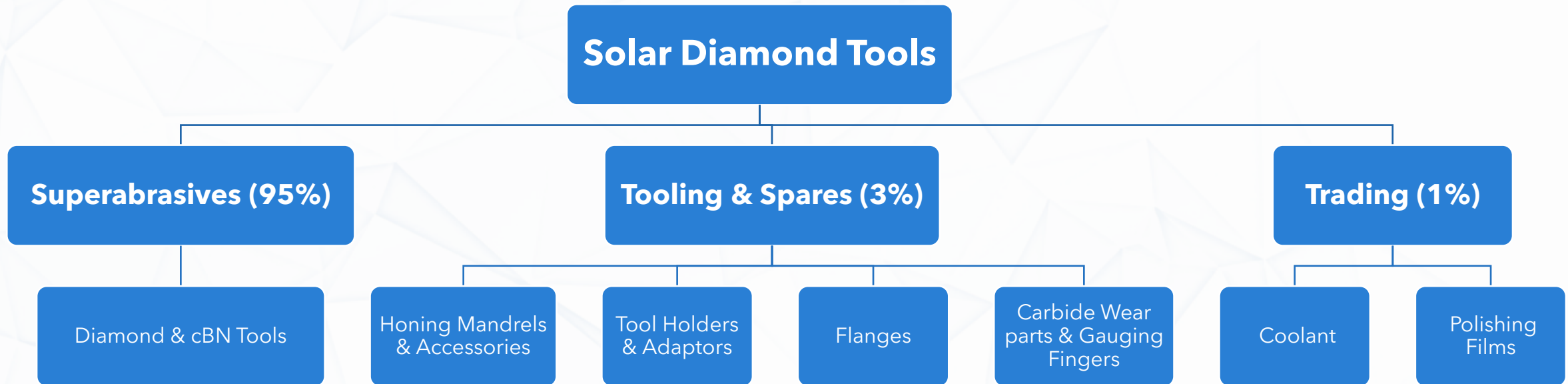
VISION

To be a leader in Surface Finishing Solutions

MISSION

We will offer safe, innovative, sustainable, affordable and high-performance surface finishing solutions to our customers.

BUSINESS VERTICALS



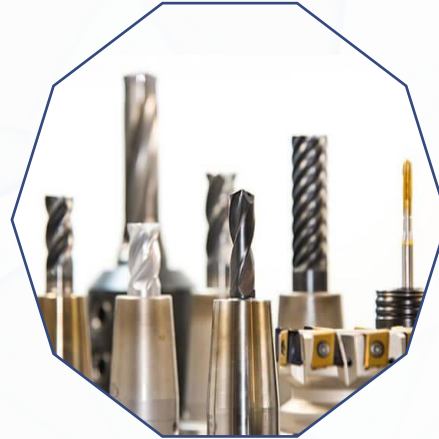
FOCUS INDUSTRIES



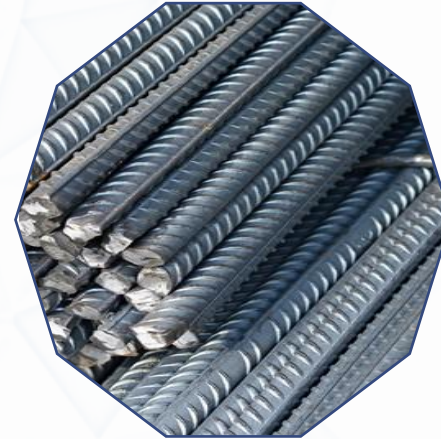
Auto - OEM / Ancillary



Razor Blade



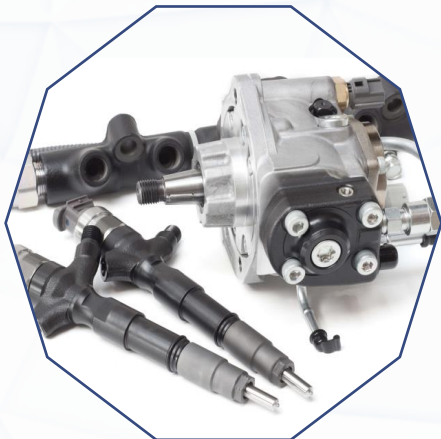
Rotary Tools



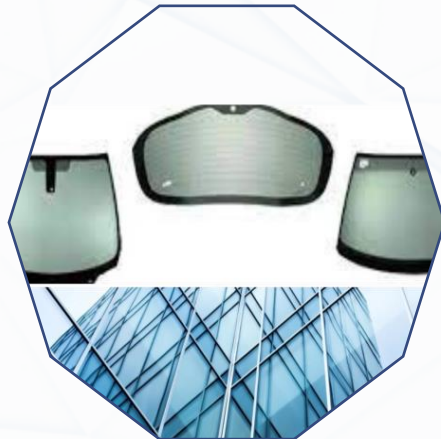
Steel



Bearing



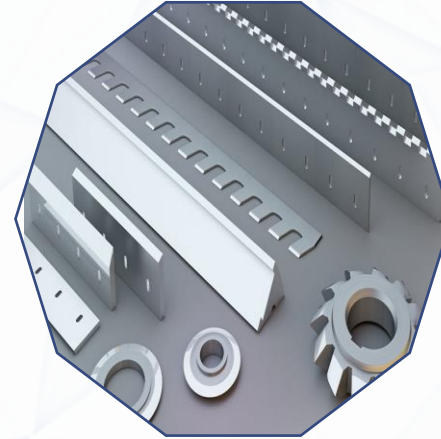
Fuel Injection



Auto / Flat Glass



Ophthalmic Lens

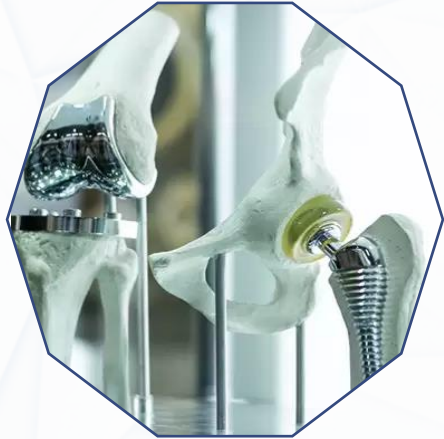


Shearing Knife



Kitchen Knife / Scissors

FOCUS INDUSTRIES



Medical Implants



Sanitaryware



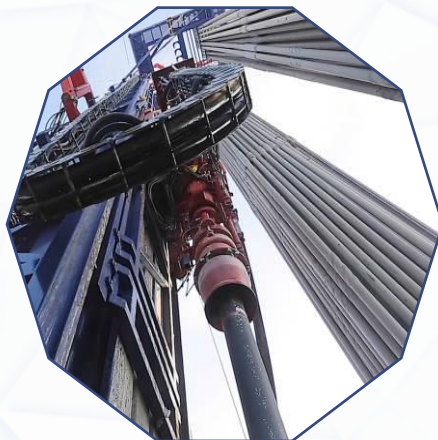
Power Turbines



Wood Saw



Technical ceramics



Oil & Gas



Paper Roll



Medical Ceramics



Other Applications

FOCUS INDUSTRY - AUTO COMPONENTS

Applications:

Piston & Piston Ring Grinding
Engine Valve Grinding
Camshaft Grinding
Crankshaft Grinding
Gear Grinding
Fuel Injection Component Grinding
Connecting Rod Honing and Grinding
Cylinder Block Honing
Turbojet Blades Grinding
Bearing Race Grinding
Shafts, Pin, Fasteners other components



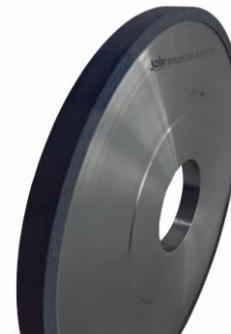
Electroplated Tools



Diamond Roll



Honing Tools



Resin, Metal, Vitriified &
EP Grinding Wheels



Dressers

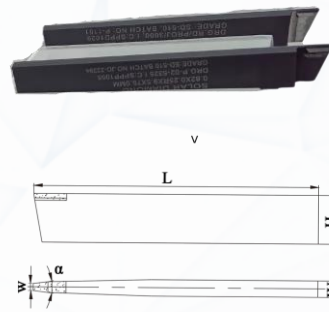


PCD Tools

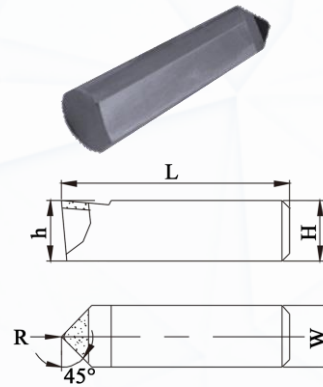
FOCUS INDUSTRY - PISTON

Applications:

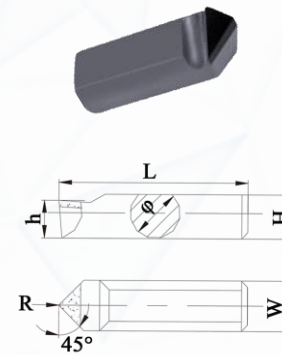
Grooving Tools
Boring Tools
Turning Tools
Milling Cutters



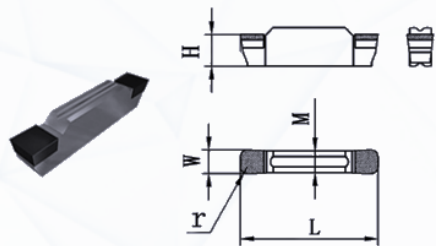
PCD Wedge / rectangle
Grooving Tool



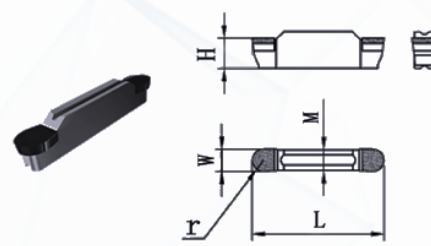
PCD Boring Tool



PCD External
Turning/Boring Tool



Square Tipped PCD/PcBN
Grooving Cutters



Radius Tipped PCD/PcBN
Grooving Cutters



PCD / PcBN Milling Cutters

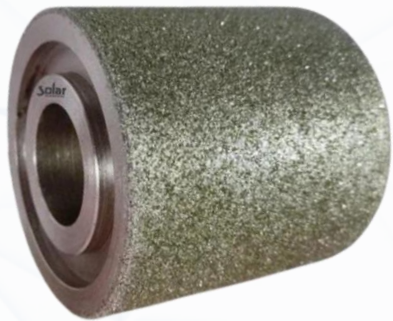
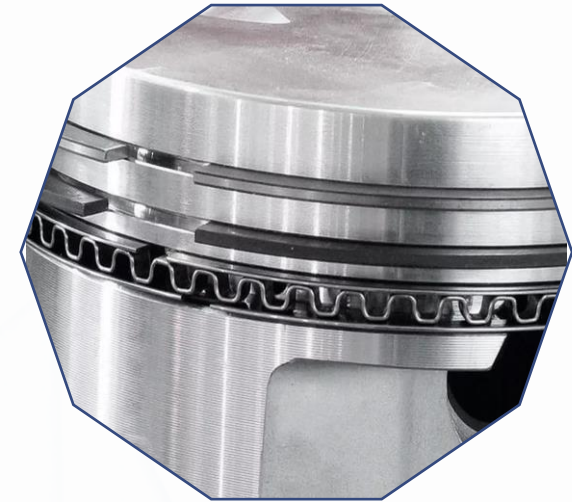
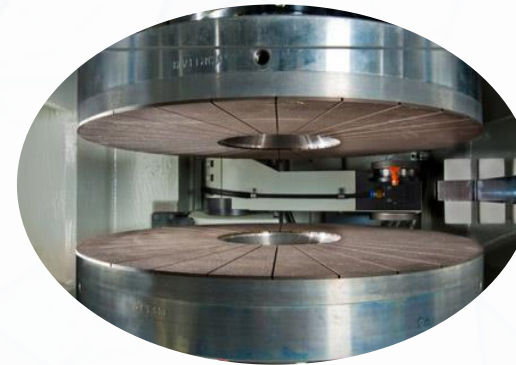
FOCUS INDUSTRY - PISTON RING

Applications:

Snagging
Gap Sizing / Gap Grinding
Thickness Grinding



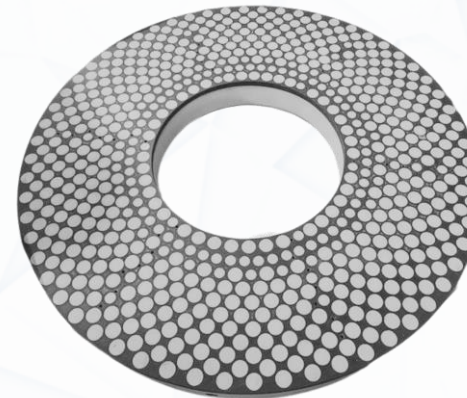
Electroplated Gap Grinding Wheel



Electroplated Snagging Wheel



Resin Gap Grinding Wheel



Double Disc Thickness Grinding Wheel



Dressers

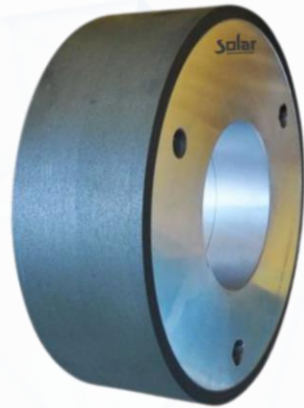
FOCUS INDUSTRY - ENGINE VALVE

Applications:

Stem Cut-off Wheel,
Centerless Grinding
Seat & Head Grinding
Groove Grinding
End-Touch Grinding



Metal Bond
cBN Cut-Off Wheel



Vitrified cBN
Centerless Grinding



Electroplated cBN Wheel for
Groove Grinding,
Seat & Head Grinding



Electroplated End Touch
Grinding Wheel

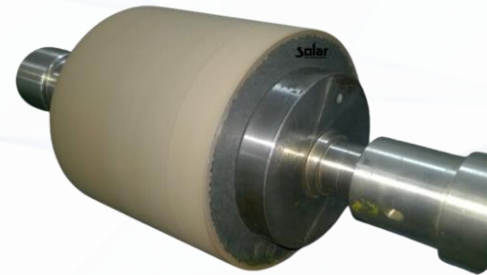


Dressers

FOCUS INDUSTRY - RAZOR BLADE

Applications:

Edge Grinding
Spiral Cutting
Dressing of Abrasive Tools



Resin Bond cBN Cylindrical Rough wheels



Spiral Cutting
Metal Bond Diamond Wheel



Resin Bond cBN Disc-Type Semi-Finish wheels



Resin Bond cBN Spiral Semi-Finish wheels



Dressing sticks



Dressers

FOCUS INDUSTRY - ROTARY TOOLS

Applications:

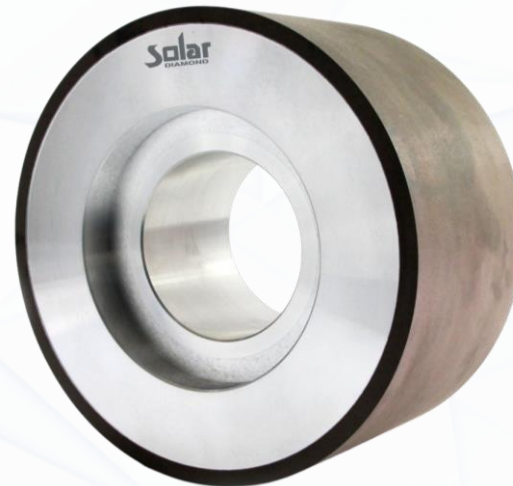
Centerless Grinding
Cylindrical Grinding
Parting-off / Cut-off
Gashing
Fluting
End Relief Grinding
OD Relief Grinding
Corner Radius Grinding
End Teeth Grinding
Lapping Tools



Dressing sticks



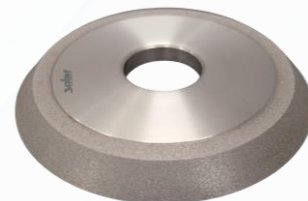
Hand Lapping Tool



Centerless Wheel



Tool Wheel Pack (4)



Fluting Wheel



Cup Wheel



Tool Wheel Pack (3)



Parting Wheel



Cylindrical Wheel

FOCUS INDUSTRY - STEEL INDUSTRY

Applications:

TC Roll
OD Grinding
Pass Profile Grinding
Notching
Engraving



Resin, Metal, Roll Grinding Wheels

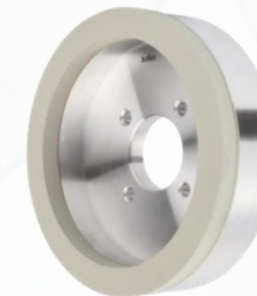
Electroplated Tools



Wheel Flange assembly & Notching spindle for grooving



PCD Bits for Roll Groove Notching
& Engraving PCD inserts



Vitrified Diamond Wheel



Dressing sticks



Dressers

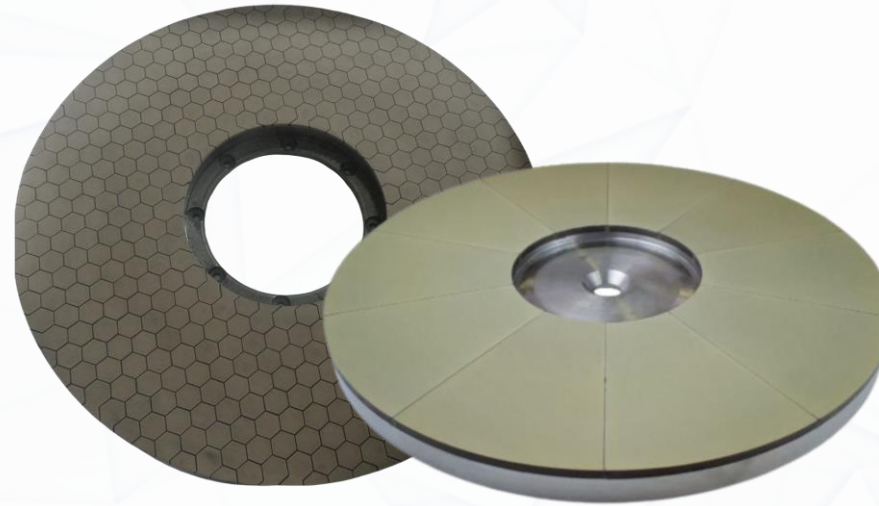
FOCUS INDUSTRY - BEARING

Applications:

Inner Race Grinding
Outer Race Grinding
Ball Wheel Dressing
Double Disc Face Grinding
Superfinishing



Diamond Dressing Roll



Double Disc Face Grinding Wheel



Vitrified cBN Grinding Wheel



Diamond Dresser



Dia Gauging Fingers



PCD Wear Parts

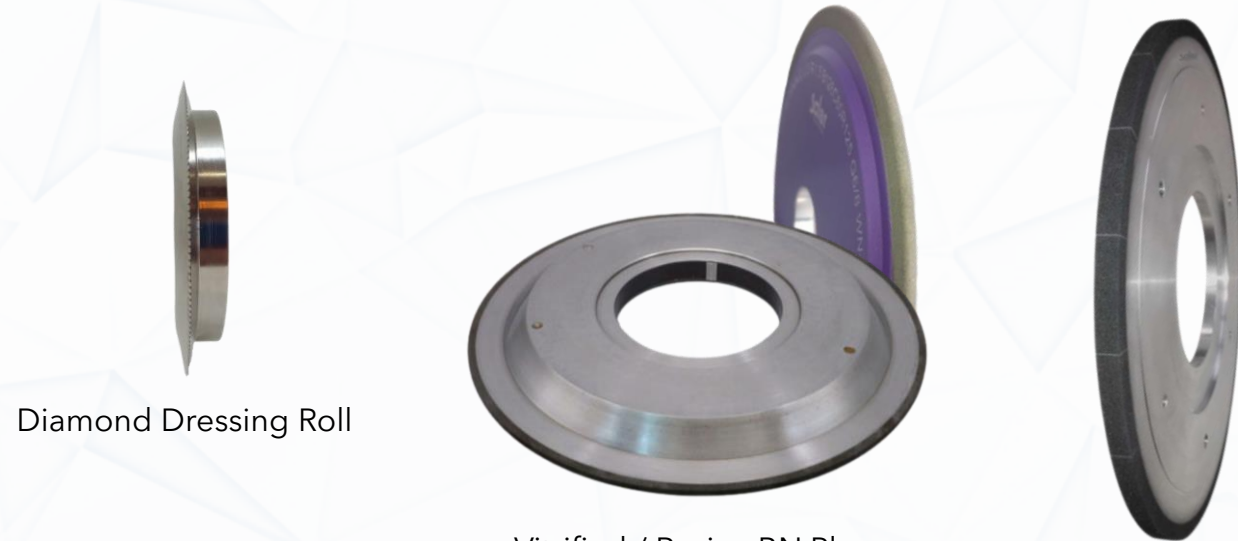


Superfinishing Sticks

FOCUS INDUSTRY - FUEL INJECTION

Applications:

Camshaft Grinding
Barrel Honing
Vane Grinding
Plunger Grinding
Nozzle Grinding
Profile Grinding



Diamond Dressing Roll

Vitrified / Resin cBN Plunger
Grinding Wheel

Vitrified cBN Camshaft
Grinding Wheel



Vitrified cBN
Nozzle Grinding Wheel



Honing Stones



Dia Gauging Fingers

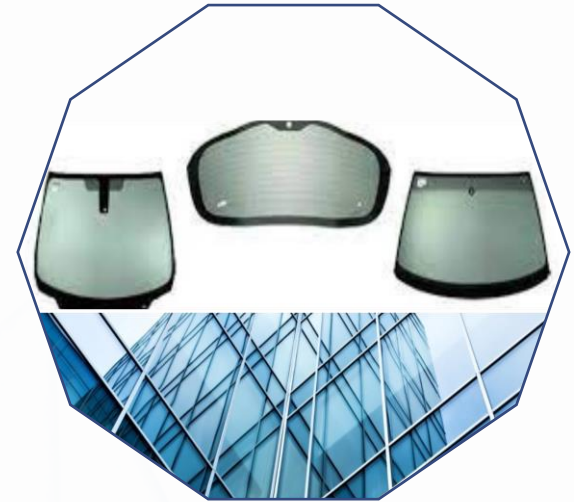


MCD / CVD dressers

FOCUS INDUSTRY - AUTO / FLAT GLASS

Applications:

Beveling
Drilling
Chamfering
Countersink
Dressing
Polishing



Flat, Aris, Edging Wheels

Bevel Wheels



Resin Bond Bevel Wheels



Drill and Countersink Tools



Routers



Flat & Aris Tool



Dressing sticks

FOCUS INDUSTRY - OPHTHALMIC LENS

Applications:

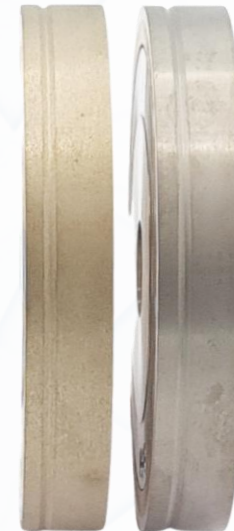
Edging & Grooving
Milling
Dressing



Diamond Tools



Milling Cutter and Inserts



Edging / Grooving Wheel



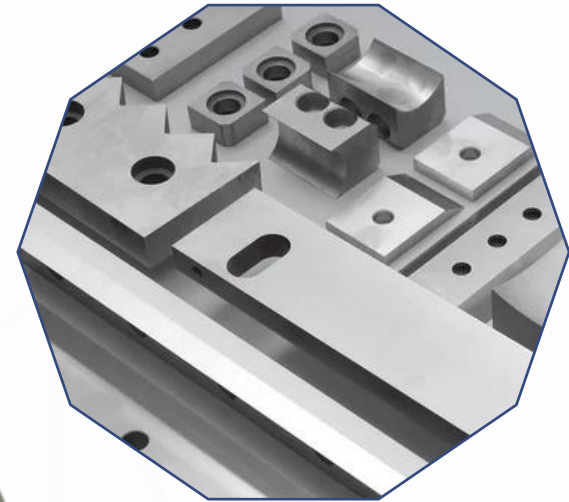
Dressing Sticks



FOCUS INDUSTRY - SHEARING KNIFE

Applications:

Edge Grinding
Dressing



Resin Bond cBN /
Diamond Wheel



Metal Bond cBN /
Diamond Wheel



Vitrified Bond cBN /
Diamond Wheel

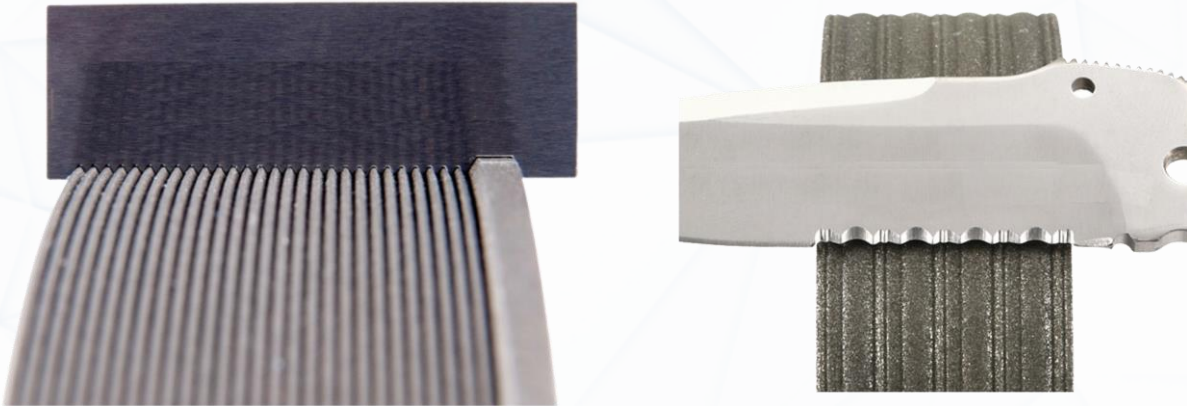


Dressing Sticks

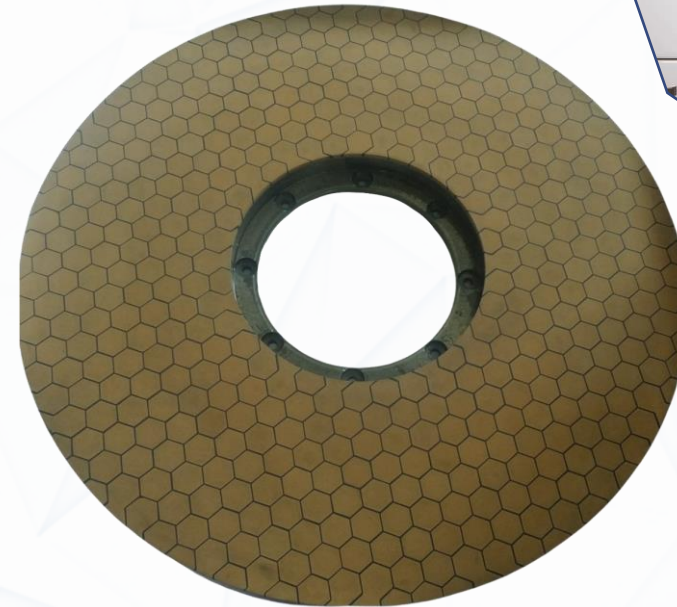
FOCUS INDUSTRY - KITCHEN KNIFE

Applications:

Edge Grinding
Serration Grinding
Thickness Grinding
Dressing



Electroplated cBN wheel for Serration and Edge grinding



Double Disc Diamond / cBN wheel for thickness grinding



Dressers (Natural / MCD)

FOCUS INDUSTRY - MEDICAL IMPLANT

Applications:

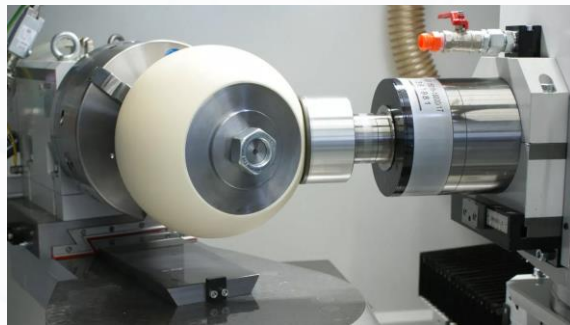
Profile Grinding
Dressing



Knee Implant Grinding - Vitrified cBN Wheel



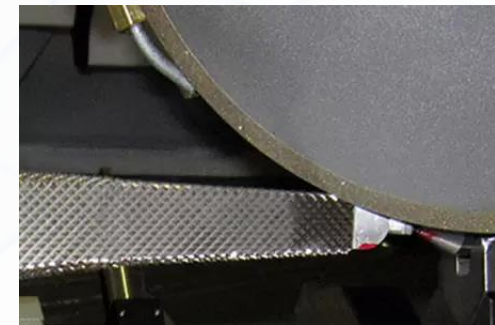
Rasp Grinding - Electroplated Wheel



Hip Joint Implant Grinding -
Metal Bond Diamond Wheel



Diamond Form Roll
for Dressing Vitrified cBN Wheel



Rasp Grinding - Electroplated Wheel

FOCUS INDUSTRY - SANITARYWARE

Applications:

Bottom Grinding
Drilling
Cutting



Bottom Grinding Wheel



Cut-off Wheel



Diamond Drill



FOCUS INDUSTRY - TURBINE BLADES

Applications:

Blade Tip Grinding
Blade Profile Grinding
Deburring (Casting)



Vitrified cBN Wheel



Diamond Roll



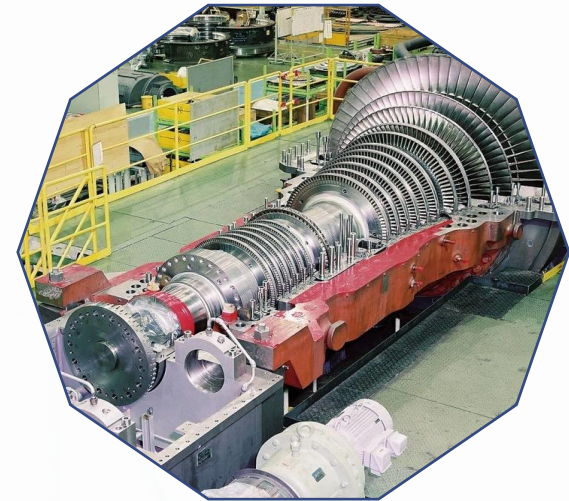
Electroplated cBN Tools



PCD / PcBN Milling Tools



Single Point / Chisel Dressers



MCD / CVD dressers

FOCUS INDUSTRY - WOOD INDUSTRY

Applications:

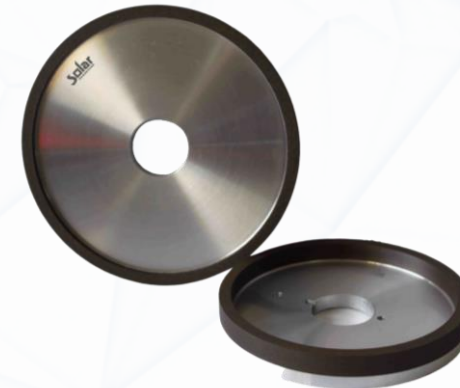
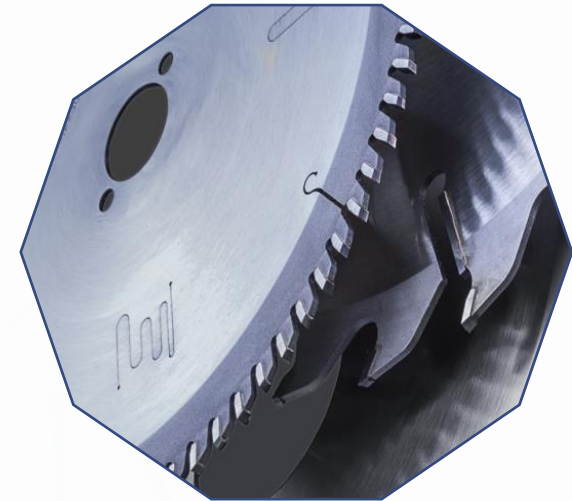
Top Grinding
Face Grinding
Side Grinding
Profile Grinding



Vitrified Bond Diamond Wheel



Electroplated cBN Wheel



Resin Bond Diamond / cBN Wheel



Electroplated cBN /
Diamond Pin

FOCUS INDUSTRY - TECHNICAL CERAMICS

Applications:

Surface Grinding
Profile Grinding
Cutting
Centerless Grinding
Fine Grinding (Double Disc)
Internal Grinding



Thickness Grinding Double Disc Wheel



Centerless Grinding Wheel



Resin and Metal Surface / Cylindrical
/ Internal Grinding Wheels



Parting Wheels



Electroplated Profile Wheels



PCD Tip Work-rest Blade



PCD Tools

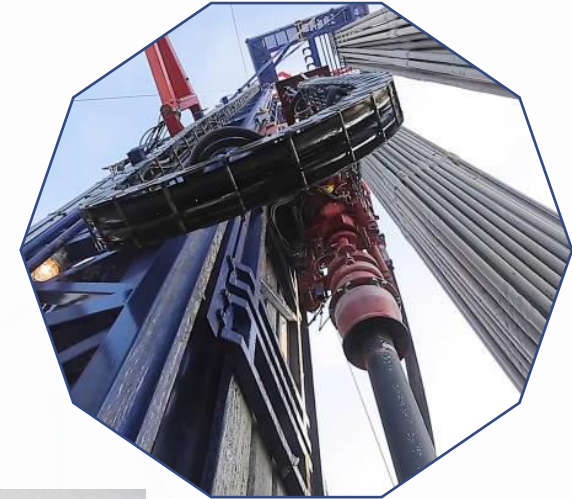
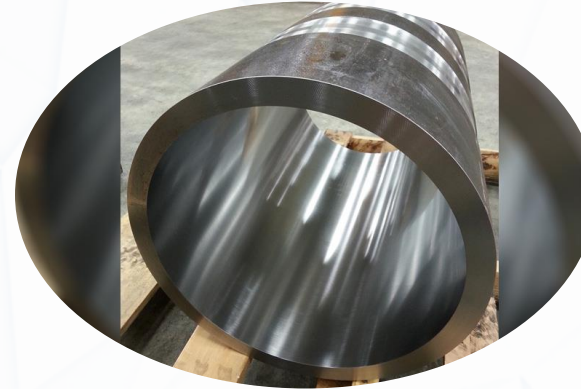
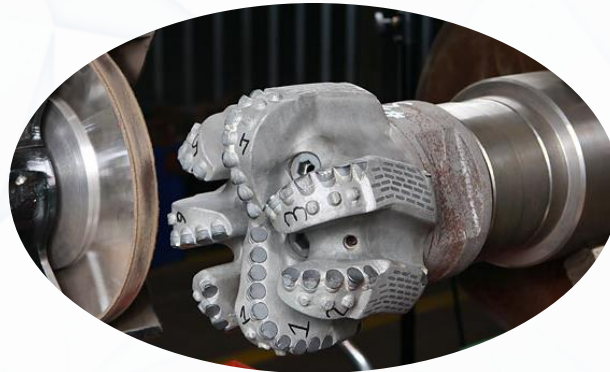


Electroplated Tools

FOCUS INDUSTRY - OIL AND GAS

Applications:

PDC Bit Grinding
Tube Honing
Valve Plate Grinding



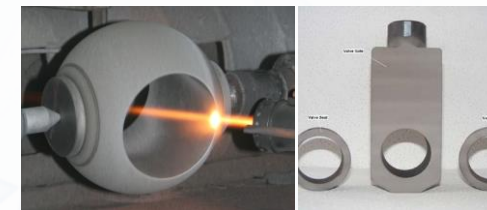
Resin Bond Diamond Wheel



Vitrified Bond Diamond Wheel



Metal Bond Diamond Wheel



Valve Plate Grinding Wheel



Tube Honing Tools

FOCUS INDUSTRY - PAPER ROLL INDUSTRY

Applications:

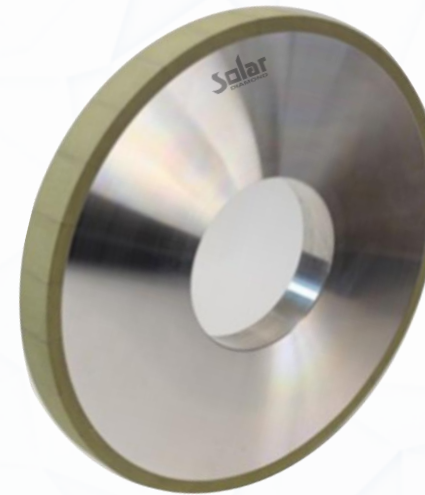
Roll OD Grinding
Knife Grinding
Dressing



Metal Bond Diamond wheel for
scraping used HVOF coated Rolls



Resin Bond Diamond wheel Full Rim /
Segmented Wheel for HVOF coated
Roll (New / Re-coated)



Vitrified Diamond
Segmented Wheel



Knife Grinding (Paper Cutting)



Dressing sticks



Dressers (Natural / MCD)

FOCUS INDUSTRY - MEDICAL CERAMICS

Applications:

Double Disc Thickness Grinding
Profile Grinding



Vitrified / Metal Bond Wheel



Double Disc Wheel

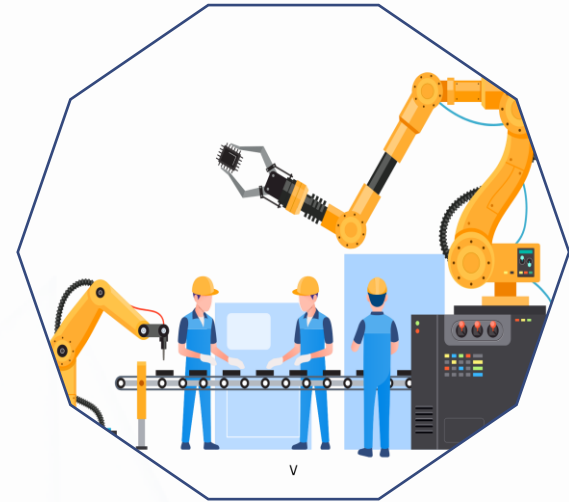


FOCUS INDUSTRY - OTHER APPLICATIONS

Applications:

We manufacture precision tools for applications like -

- Rubber Belt Grinding
- Compressor and Pump components Grinding
- Footwear Grinding
- Dental Burr Grinding
- Foundry/Casting - Fettling
- PVC Pipe Cutting
- GRP Grinding
- Insulator Grinding
- Rice Polishing
- Tool Room applications



ONE DREAM, ONE TEAM

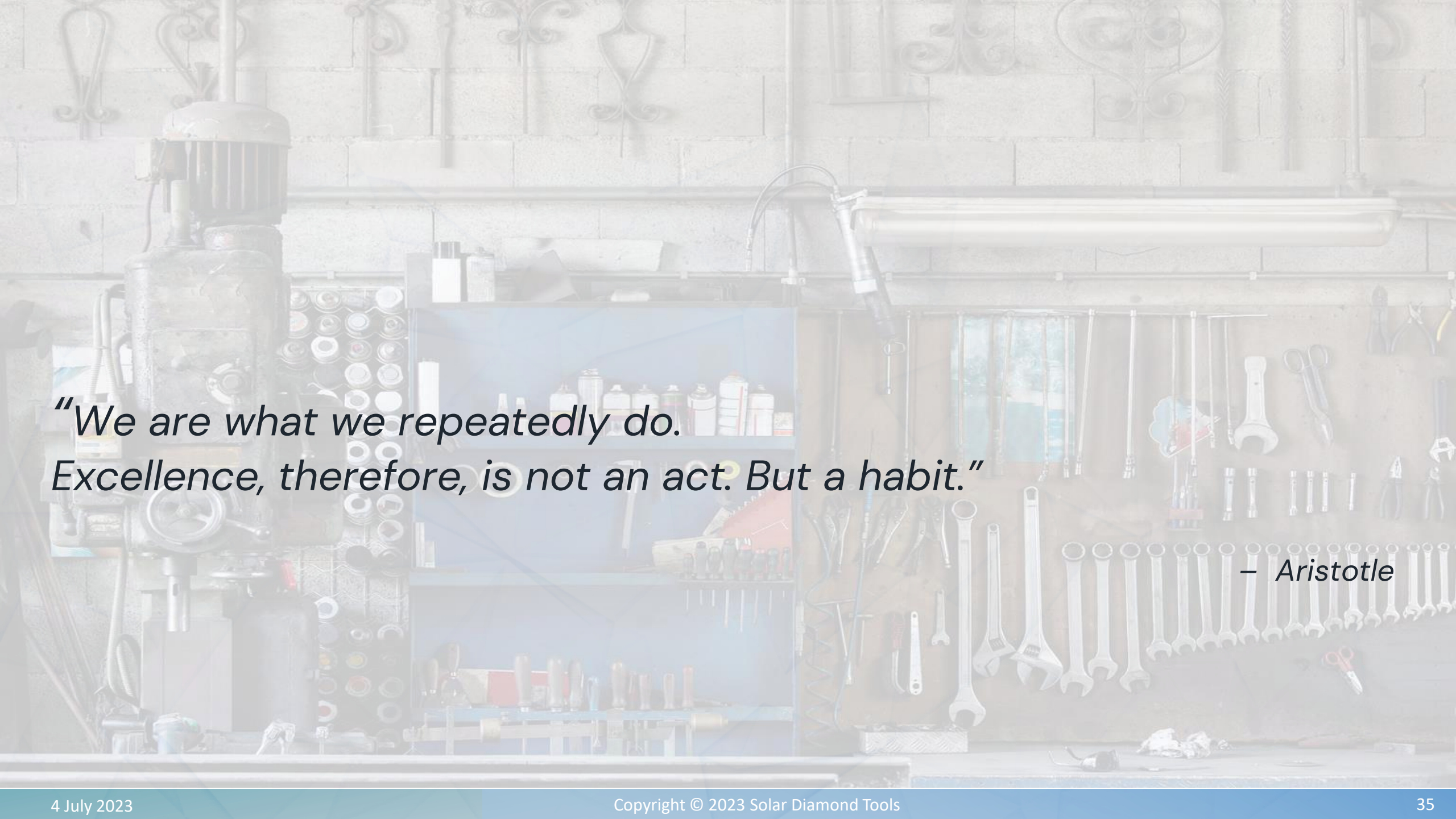


OUR GLOBAL FOOTPRINT



WHY CHOOSE US ?

- ✓ Over four decades of business excellence
- ✓ Comprehensive range of Superabrasive products
- ✓ Consult with us! With over 100 years of cumulative expertise, we offer application-oriented surface finishing solutions
- ✓ Custom designed Tools and Consistent Product Performance
- ✓ Good outreach - over 80 distributors globally supplying to 630+ customers
- ✓ Over 90% customer retention
- ✓ Investing in new technology and expanding State-of-the-Art facility
- ✓ Staying Agile - enhancing capacity and capabilities to address market challenges

A workshop background featuring a lathe on the left, shelves with various tools and containers in the center, and a wall-mounted tool rack with wrenches and pliers on the right. The scene is dimly lit, with a blue-tinted overlay in the center where the text is placed.

*"We are what we repeatedly do.
Excellence, therefore, is not an act. But a habit."*

– Aristotle