

**INTRODUCTION – TORIAX TOOLING  
& INDUSTRIAL SUPPLIERS**

# TORIX TOOLING & INDUSTRIAL SUPPLIERS

## COMPANY INTRODUCTION

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TORIX TOOLING & INDUSTRIAL SUPPLIERS is a leading supplier of high-quality tools and industrial equipment. We have built a strong reputation for providing reliable products and exceptional customer service. Our extensive product range caters to a diverse clientele, including manufacturing plants, construction companies, automotive workshops, and more.

## OUR MISSION

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At TORIX TOOLING & INDUSTRIAL SUPPLIERS, our mission is to empower businesses with top-notch tools and equipment, enabling them to enhance productivity, efficiency, and safety. We are committed to delivering innovative solutions and building lasting partnerships with our customers.

# BRANDS WE REPRESENT

**NACHI**



**RHODIUS**

**LESSMANN**<sup>®</sup>  
THE GERMAN BRUSH COMPANY

**FANDELI** 

**FULLERTON** 



 **abrasive  
technology**



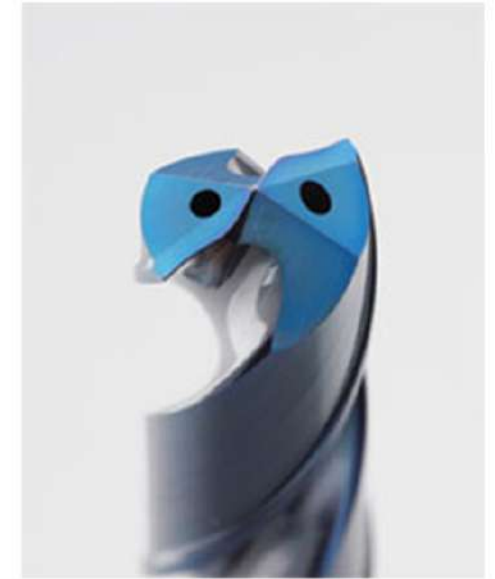
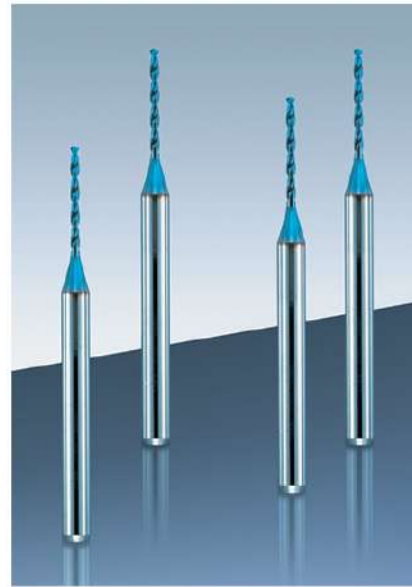
**Elka**  
Schleif- und Poliermittel GmbH



# NACHI

# NACHI

NACHI IS A WORLDWIDE MANUFACTURER OF INNOVATIVE PRODUCTS: BEARINGS, PRECISION CUTTING TOOLS, HYDRAULIC EQUIPMENT, MACHINE TOOLS, ROBOTS AND HIGH SPEED STEEL.



# MASTER FLUID SOLUTIONS



TRIM



MASTER STAGES



XYBEX



# 2.614

HIGHLY PROFESSIONAL  
PRODUCTS



### Our knowledge of cutting and grinding is virtually second-to-none.

Developed by professionals for professionals, RHODIUS products represent a wealth of individual solutions to problems that optimally match various industry requirements and special applications. Of course, you do need to be prepared to make careful observations and talk to users, so as to understand how the working materials are processed in the various industries. The resulting products from our unique manufacturing technologies are premium. Made in Germany tools offering unparalleled quality. Here, too, we stay true to our guiding principle of "Simplify your work" - our products are available in three different quality references. So you only ever pay for (and the level of) RHODIUS and innovation that you actually need.

### OUR THREE QUALITY REFERENCES:



#### TOPFINE

TOPFINE products offer the professional user the greatest range of product benefits, reliability and working comfort at an optimum price/performance ratio.



#### PRO

PROLINE products have been designed to meet particularly high quality requirements and frequent use in trade and industry. They offer a good price/performance ratio while being especially cost-effective.



#### ALPHA LINE

ALPHA LINE products are reliable grinding tools with an attractive price/performance ratio for the conscientious professional.





We are one of the leading producers of tools for surface processing in Europe and offer a broad portfolio with over 10,000 items. We have complete range of Wire Brushes, Power Brushes and Abrasive Filament Brushes for various industrial applications.



# FANDELI – USA & MEXICO



**FANDELI** Coated Abrasives



## PRIME COMMITMENT

FANDELI has implemented and maintains a Quality Management System Certified by UL DQS Inc. Management Systems Solutions that covers the design and manufacture of coated abrasives products. Through an audit, UL has verified that the management system fulfills the requirements of ISO 9001: 2008.

Also, FANDELI complies with the rules established by the Mexican Voluntary Environmental Protection Program, which sets social commitment on environmental issues. As a result, our company has invested to improve processes and infrastructure to ensure a sustainable development, avoiding environmental damages, considering also safety and healthy procedures for best working practices (PASST).



**Safety advice: when using abrasives observe safety signs and recommendations**

Always use safety equipment.



## COATED ABRASIVES, FULL LINE AVAILABILITY

Coated abrasives, also known as Sandpapers, are produced from three basic raw materials: a mineral, an adhesive bond and a backing. The adhesive is uniformly applied to anchor a single layer of abrasive particles which are oriented to maximize the aggressiveness and uniformity, producing a high rate of cut in grinding operations in materials such as metal, wood, glass, plastic and rubber, among others.

### Final forms of coated abrasives

The finished forms of our products are: Sheets, Basin Sanding Discs, Rolls, Portable, Narrow, Wide and Segmented Belts, Contact Disc with Kwik Grip and PSA system, Flap wheels, Flap discs and other Specialties.







## End Mills

Offering covers any milling operation and material.



## Drills

Offering covers any drilling operation and material.



## Drill Mills

Designed for chamfering and milling.



## Reamers

Reamers stocked and made to exact sizes within 24 hours.



## Routers

Offering for any material or application.



## Custom Tooling

Custom tooling solutions that increase efficiency.



## Keyseat Cutters

Designed where narrow width slots are necessary.



## Saws

Manufactured to exact size requirements within 24 hours.



## Burs

Designed to clean (deburr) castings.



## Countersinks

1 & 6 flute options perfect for any material.



## Boring Tools

Tapered clearance neck improves rigidity with less deflection.



## JIT Services

Just-in-time services available to ship in 24-48 hours.



Carbide Bushings



Carbide Dies



Carbide Gages



Carbide Punches



Carbide Form Punches



Carbide Quills

# LA-CO INDUSTRIES - USA & FRANCE



MARKAL® is the global leader in high-performance, hand-held industrial marking products. From our North American and European manufacturing locations, we support the hardworking contractors that build the world's great bridges, ships, automobiles, homes, office towers, power plants, and many other engineering marvels with MARKAL® products. Today, Markal®-branded products are sold around the globe. This broad network of long-term business partners provides our customers the highest level of service.



Tempil® is an industrial leader in advanced and accurate temperature indication technologies. From protecting NASA's Space Shuttle Orbiter to measuring critical temperatures of life saving drugs and devices, engineers and professional rely on the accuracy of Tempil® for the most vital applications. Setting the global standard of innovative, customer-driven solutions, Tempil® branded products deliver the surface measurement solutions, when and where customers need the most.

## SECURITY CHECK PAINT MARKER — Torque Paint Marker



**PAINTED TOP** Designed to provide a precise mark on various marking surfaces. It also provides the protection of the marking surface by covering the surface with a thin layer of paint. The paint is made of a special formula that is resistant to UV light, oil, and other environmental factors.



## BALL POINT MARKERS

**BRIGHT, PRECISE AND PERMANENT**

For over 40 years, Markal® has manufactured in its French location the best quality tube marker. With its steel ball tip pressed on a heavy-duty aluminum squeeze tube, and its thick and bright paint, these markers are suitable for most industrial applications. They will be your preferred marker where a bright and precise marking has to be done on a rough, wet or oily surface with a long-lasting, UV and water-resistant paint.

### LIQUID PAINT MARKERS

**VERSATILE AND RELIABLE**

For over 35 years, Markal® has been the Market Leader in the use of marking solutions. Located at our core mission is to develop new and innovative products for use in some of the world's toughest environments. Ideal for use in the automotive industry, construction, welding and metal production and fabrication, liquid paint markers are one of the most versatile and efficient industrial marking tools across the world. These permanent and temporary liquid paint markers offer real gains in multiple sizes and colors, including a range of certified colors for fire and other corrosion-resistant applications.

### SOLID PAINT MARKERS

**DURABILITY OF PAINT CONVENIENCE OF A CRAYON**

With the introduction of the original "P" PaintMarker in 1971, Markal® brought the fact of universal marking by creating a product that combines the durability of paint with the convenience of a crayon. Since that time, we have continued to build on this innovation by engineering unique marking solutions, making our PaintMarkers one of the most diverse and commonly used types of industrial marking tools available. These solid paint crayons can mark almost any surface and are ideal for metal fabrication, metal production, welding, construction, and many other industrial uses.

### INK MARKERS

**IMMEDIATE MARK AND COY**

Markal® Ink Markers are designed to provide a permanent mark on a wide range of surfaces. They are ideal for marking on rough, oily, or wet surfaces. The ink is made of a special formula that is resistant to UV light, oil, and other environmental factors. The ink is made of a special formula that is resistant to UV light, oil, and other environmental factors.

### DOT MARKERS

**AUTOMATICALLY RELEASABLE AND ECONOMICAL**

Markal® Dot Markers are designed to provide a permanent mark on a wide range of surfaces. They are ideal for marking on rough, oily, or wet surfaces. The ink is made of a special formula that is resistant to UV light, oil, and other environmental factors.

PN-200, PN-2000, RS-2000 & RS-1000

### ENGRAVERS

**MANUAL AND OPTIMATIVE**

Markal® Engravers are designed to provide a permanent mark on a wide range of surfaces. They are ideal for marking on rough, oily, or wet surfaces. The ink is made of a special formula that is resistant to UV light, oil, and other environmental factors.

### MARKAL® TEMPERATURE INDICATORS

**FAST ACCURATE RESULTS**

For the best in test integrity, heating base materials to high-temperature is required and our line of "Thermotemp" temperature indicators offers the best combination of speed, ease of use, and accuracy. The unique design sticks melt quickly when applied to a surface at the stated temperature on the package to guarantee fast and accurate results every time without calibration.

### TEMPIL® TEMPERATURE INDICATORS

**LEADER IN ADVANCED TEMPERATURE INDICATION TECHNOLOGIES**

Since 2008, Tempil® has been a leader in the development of innovative and accurate temperature indication technology for multiple markets. The user-friendly software can meet your marking needs. The 100% of temperature in the thermal imaging process of almost all products is performed in the field. With our Tempil products, we have created advanced and reliable indicators that are used in a wide range of applications. From the most critical applications to the most common, we have the solution for you. Tempil® products are used in a wide range of applications. From the most critical applications to the most common, we have the solution for you.

### TEMPIL® TEMPERATURE SENSITIVE LABELS

**TEMPERATURE MONITORING**

Temperature sensitive labels are an essential temperature indicator solution that can be easily applied to almost any surface to help monitoring, marking, identification, maintenance, lighting, quality control, manufacturing, and other applications.

**TEMPILABEL REVERSIBLE (LIQUID CRYSTAL™) — Reversible Temperature Indicating Labels**

0	5	10	15	20	25	30
32	41	50	59	68	77	86
°F						

### HIGH TEMPERATURE COATING

**WELDABLE PRIMER AND HEAT-ABSORBING COATING**

TEMPIL® has developed specific products where heat cures these, from protecting NASA's Space Shuttle Orbiter to solar panels. TEMPIL® has also developed special weldable Primers to save time in the welding process.

**ANTI-HEAT®** Heat absorbing compound  
**BLOXIDE** An aluminum-based weldable primer  
**PYROMARK®** High-temperature resistant coating

# ABRASIVE TECHNOLOGY - USA



SPECIALIZE IN DEVELOPING AND MANUFACTURING  
CUSTOMIZED SUPERABRASIVE GRINDING PRODUCTS

P.B.S.<sup>®</sup> BRAZE

ELECTROPLATED

RESIN-METAL-HYBRID

PCD-PCBN

FLEXIBLE

ELECTRO-  
PLATED

P.B.S.<sup>®</sup>  
BRAZE

HYBRID

FLEXIBLE  
BOND

RESIN  
BOND

METAL  
BOND

PCD/PCBN  
TOOLING

CUSTOM  
SOLUTIONS

Abrasive Technology

S4140029  
3V1 6X.315X50MM  
CD280R125BD521M-1/4

# FOERSTER WELDING - GERMANY



## 3D welding tables and clamping accessories



Our 3D welding tables are modular and allow you to work in three three spatial dimensions.

## Special fixture construction



The right welding fixture for every task. Positioning and clamping in the optimum welding position.

## Fixtures for frame- and railing construction



For efficient and ergonomic production of large frames. Also ideal for the production of glass facades and balconies.

## Welding machines Control+Programming



Automatic welding machines offer versatile advantages. From the monitoring of parameters to quality assurance.

## Welding technology Advice



Our highly qualified team will find the best solution for your welding task.

## Construction and Development



The optimisation, rationalisation and constant further development of production processes have been driving us for over 35 years.

## Own CNC manufacturing



Our business area construction and CNC production offers the possibility to manufacture special workpieces.

## Training and Support for automation



From the customer-specific concept to the handover of the system ready for series production, training and support for your individual project.

# ELKA - GERMANY



## ELKA-ELASTIC COMFORT / CONTACT

Porous elastic tools for non-specific solutions

Polishing, deburring, descaling, rounding and structuring with porous foamed abrasives are all established operations for processing parts and surfaces.

In all areas of production, elastic abrasives are used worldwide for rendering processes more efficient and comfortable, or even for making these processes possible in the first place.



### APPLICATION AREAS

Surgical instruments, cemented carbides, drive elements, spiniles, shafts, jewelry, sheet metal



## ELKA-ELASTIC PRECISION

Tools made of synthesized plastics with a compact structure

These tools are used in precision processes. They often represent the finishing operation in a production process, during which the final technical specifications are ensured.

Here, surface values of  $Rz < 0.5 \mu m$  are achieved while still observing tight tolerances and attaining an increase in technically relevant parameters such as the contact ratio.

The efficient, fast and uncomplicated product for your technical application.



### APPLICATION AREAS

Automotive, storage and transmission technology, aviation, electrical engineering



## ELKA-ELASTIC HYBRID

Compact elastic tools for precise machine processes

Surface processing with compact foamed tools is carried out in all technical areas in which conventional grinding tools reach their limits. Irrespective of whether a lubricant is used or not, the tool can be individually adapted to the process in an optimum way.

The defined degree of elasticity guarantees a harmonious process with minimized heat input. The geometry is generated according to customer specifications.



### APPLICATION AREAS

Tools, extruders, machine elements, rollers, blades



## ELKA-ELASTIC PRECISION CUT

Additional cutting ability

Both the permanent further development of our bonding systems and the new development of bonding systems with various grain bonding strategies lead to diverse application possibilities, tailored to requirements from all areas of technology.

In this way, we can achieve optimum surfaces, even with hardened materials.  $Rz < 0.5 \mu m$

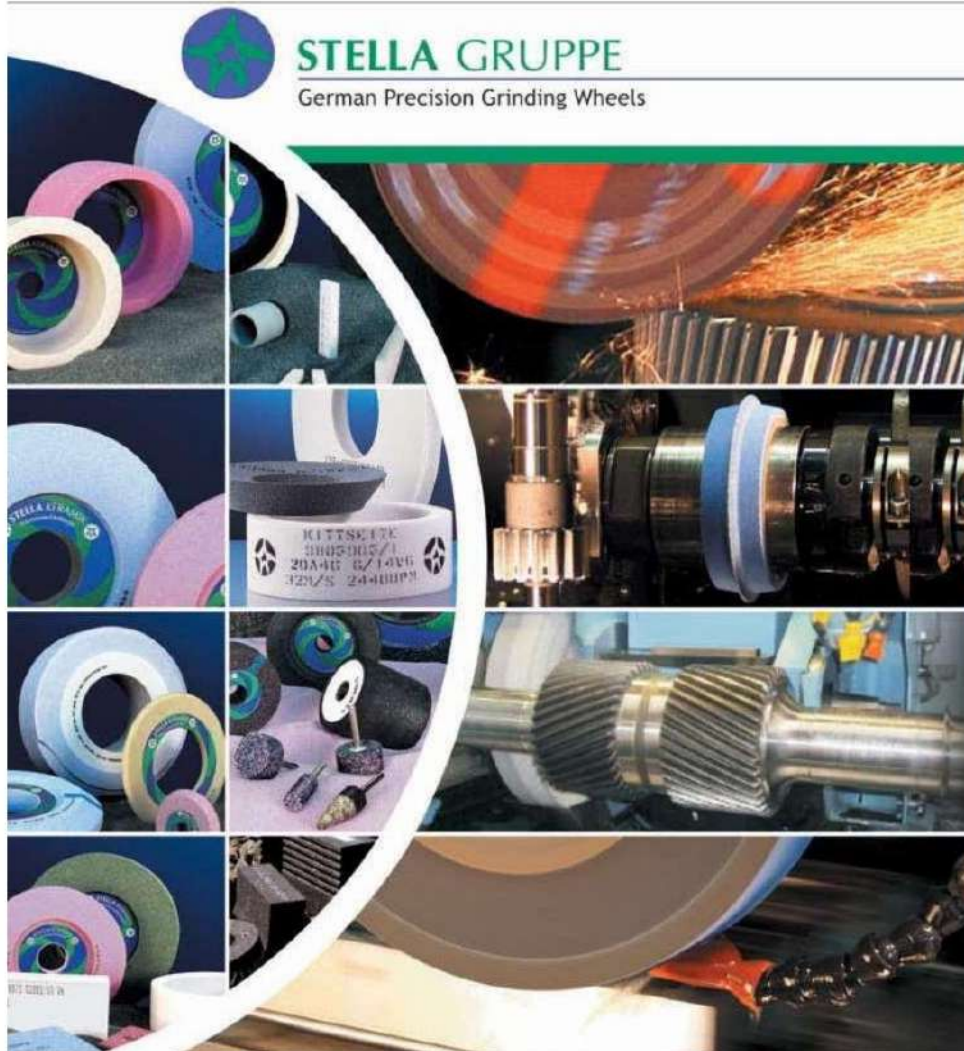


### APPLICATION AREAS

Tools, automotive, transmission technology



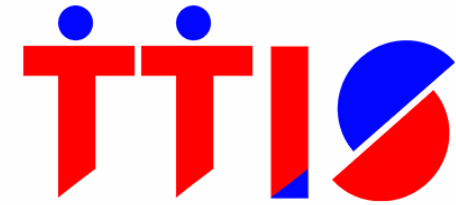
# STELLA GROUP - GERMANY














## STELLA Customers list



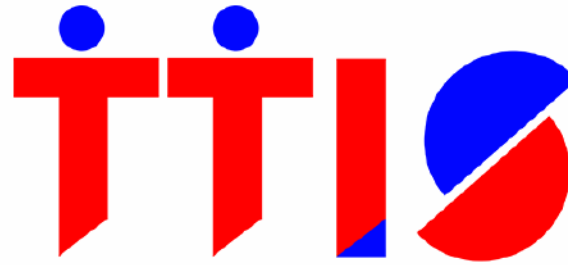
# OUR CLIENTS



-  AAKRITI MANUFACTURING
-  SRI GOTECH
-  HAVELLS NEEMRANA
-  DANTAL HYDROLIC
-  E& H PRICISION
-  MIKUNI INDIA
-  NIDEC INDIA PVT.LTD.
-  KOIDE INDIA PVT.LTD.
-  TPR AUTO PART
-  TAKAHATA PRISICION
-  RESONAC CORPORATION

-  AMAPIE
-  HITACHI ASTEMO NISSIN
-  HITACHI ASTEMO NEEMRANA
-  HITACHI ASTEMO FIE BAWAL
-  RANE NSK
-  TALBROS AUTOMOTIVE
-  REVENT PRECISION ENGINEERING
-  CONTINENTAL ENGINE BHIWADI
-  ASK AUTOMOTIVE
-  OCAP CHASIS
-  HI TECH GEAR

# TORIAX TOOLING & INDUSTRIAL SUPPLIERS



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