

TOMA
TOOLS MACHINERY & SERVICE



TOMMA



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WHO WE ARE

GLOBAL. SUCCESSFUL.

TOMA tools, the technology group headquartered in Portugal, is a leading family-owned company. With material and technological expertise, focus on innovation, operational excellence and entrepreneurial leadership, we continuously strive to strengthen our clients long term competitiveness by creating high quality solutions.



WHAT WE DO

OUR EXPERTISE

The focus of our activities are within the product sectors of the Wire and Cable industry, Electronics and Consultancy.

With a team of professionals and work experience of 30 years in these core businesses, TOMA concentrates on maintaining and expanding its technological leadership with innovative and groundbreaking solutions.

NATURAL ZIRCONIUM OXIDE SOLUTIONS



The primary goal of TOMA tools is to provide products with outstanding durability, resilience against wear, abrasion, and corrosion.

We use natural, magnesium-stabilized zirconium oxide, ensuring superior quality and durability compared to synthetic alternatives.

Our rigorous manufacturing process guarantees homogeneity and optimal performance, providing a reliable solution for drawing machines.



TOMA





TOMA



OMA tools

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NATURAL ZIRCONIUM OXIDE SOLUTIONS

FOR ALL TYPES OF APPLICATIONS



- Cones and rings
- Pulleys for copper plating tanks
- Pulleys for high-speed applications
- Rollers
- Wire guides and cylinders

NATURAL ZIRCONIUM OXIDE SOLUTIONS

DRAWING CAPSTANS



Our drawing capstans feature a single-piece design, eliminating the imbalance issues seen in standard multi-ring capstans.

This innovation reduces REC costs, weight, and vibrations, ensuring better alignment and longer-lasting drawing dies.

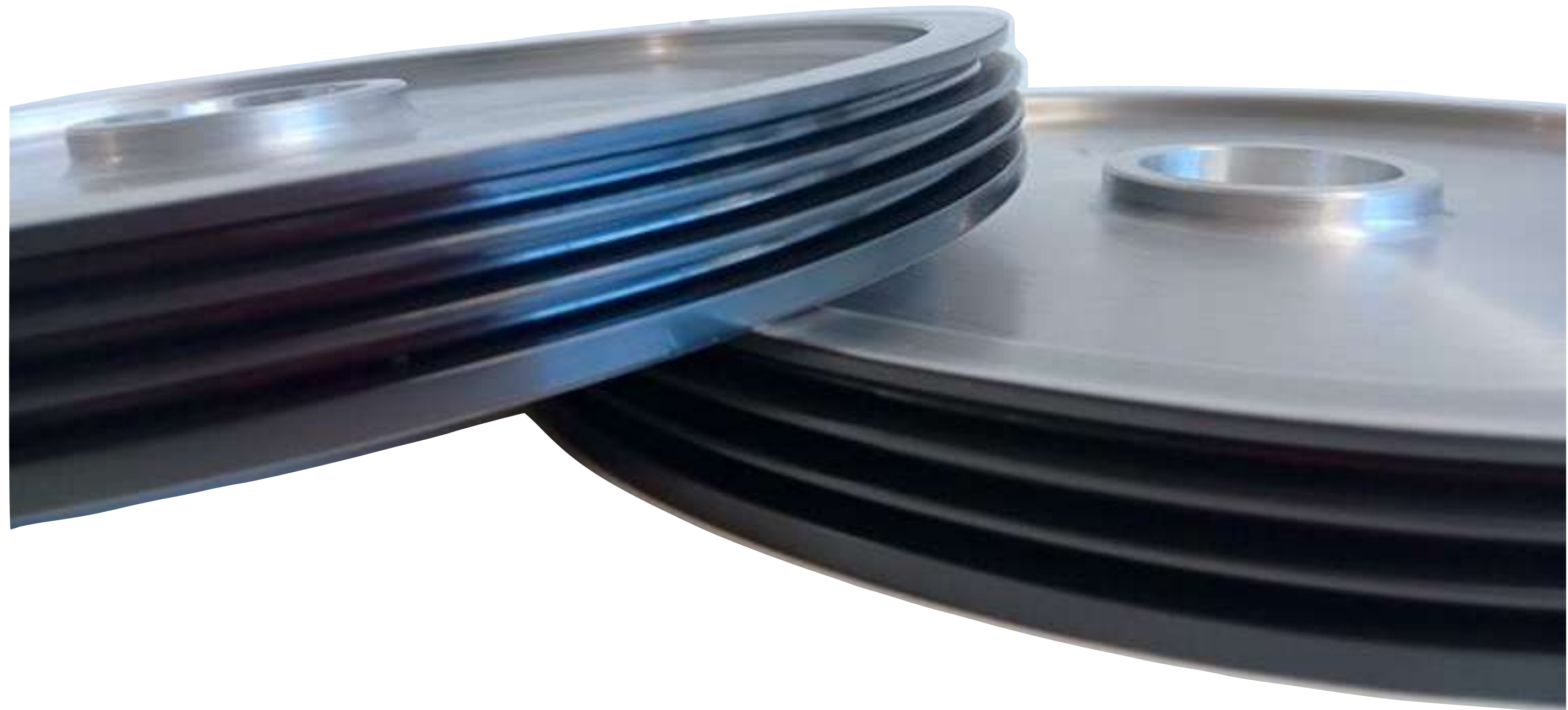
BLACK CERAMIC (TBC)



We use a durable black ceramic coating on aluminum and steel surfaces, offering numerous advantages over traditional white synthetic ceramic coatings.

This coating, prevents wire issues and material buildup, ensuring smooth operation in various wire drawing processes.

BLACK CERAMIC (TBC)



TOMA

HIGH TECHNOLOGY METAL COATING



This carbide agglomerate offers excellent wear resistance, strong adhesion to various materials, and effective heat dispersion for wire applications.

It has been tested as an alternative to ceramics in dry drawing processes.

Applied with a high-pressure spray gun at very high speeds, this coating ensures exceptional durability and wear resistance, ideal for demanding wire drawing machine applications.

Our process ensures a strong and long-lasting bond, delivering superior performance compared to conventional methods.

PULLEYS

WITH/WITHOUT ZIRCONIUM OXIDE INSERT



PULLEYS

WITH/WITHOUT ZIRCONIUM OXIDE INSERT



RECONDITIONING OF CAPSTANS OF ALL SIZES

For reconditioning, our process includes grinding and recoating to effectively renew various mechanical components.

Thanks to the use of high-quality materials, they can be reused indefinitely, providing significant long-term cost savings.



RECONDITIONING OF CAPSTANS OF ALL SIZES



RECONDITIONING OF CAPSTANS OF ALL SIZES



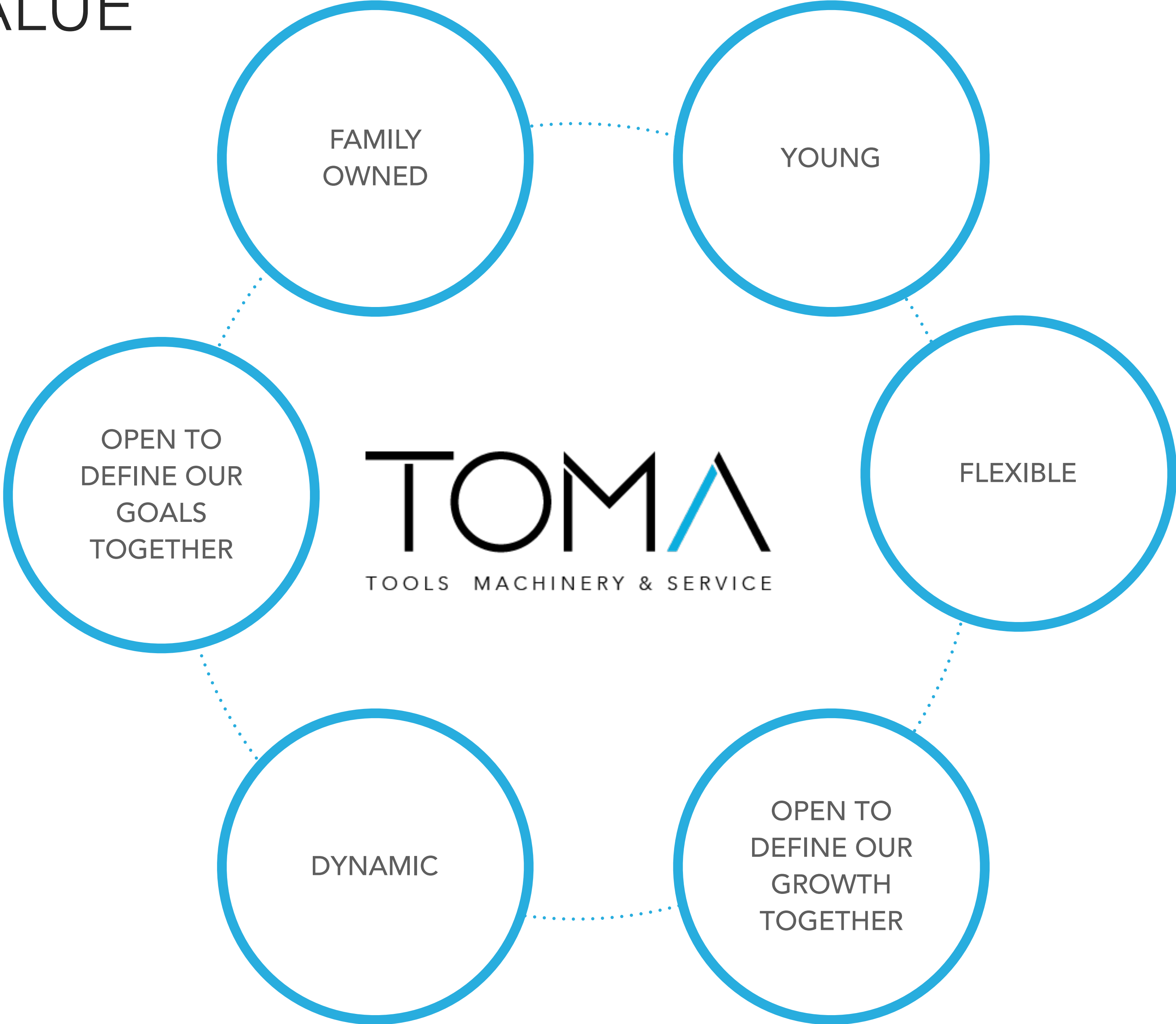
BEFORE



AFTER



ADDED VALUE



LOOKING FORWARD TO GROWING **TOGETHER.**



YOUR SATISFACTION, OUR PRIORITY.