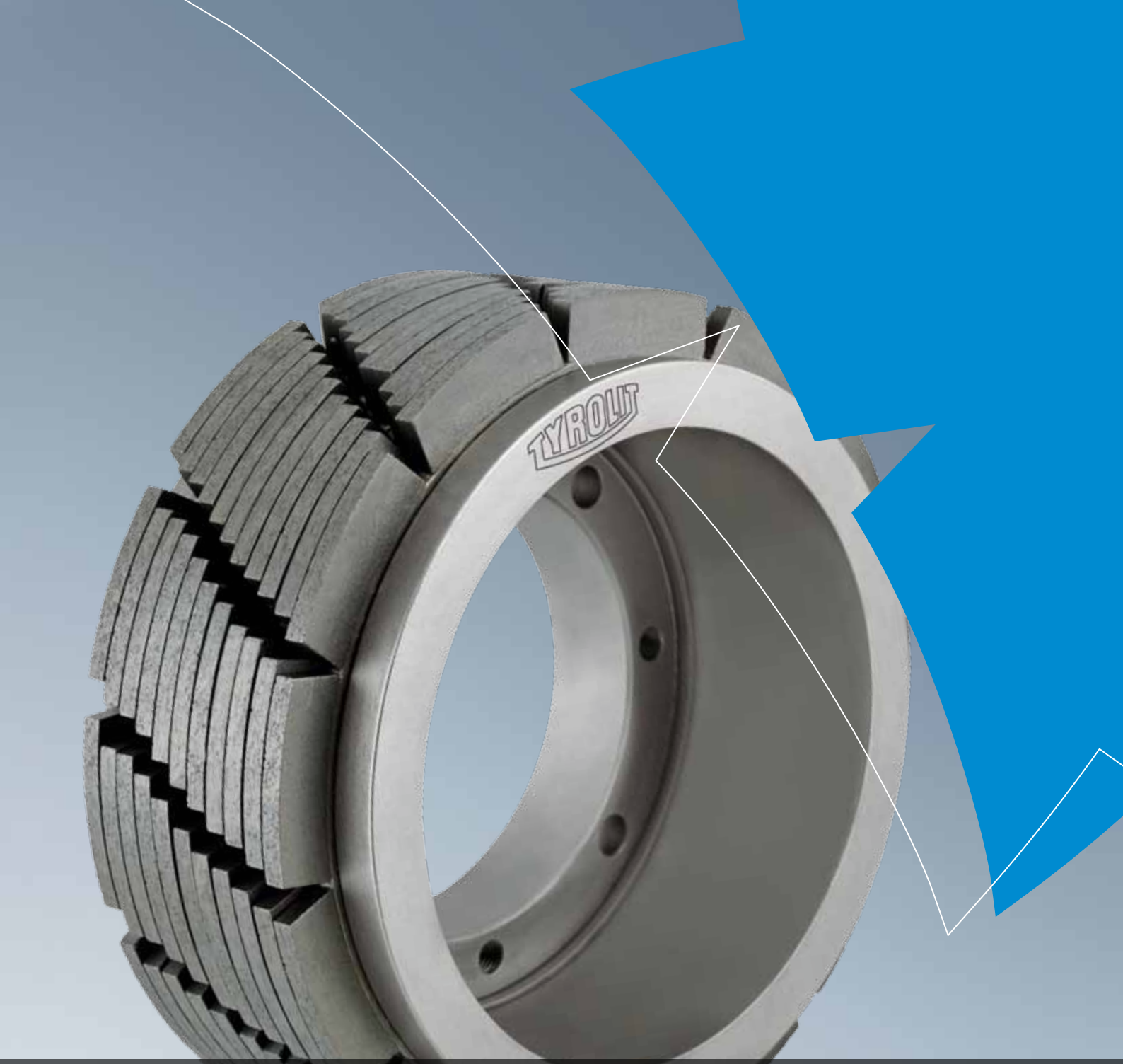

STONE
DIAMOND TOOLS FOR THE STONE INDUSTRY

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A Company of the SWAROVSKI Group

TYROLIT

TYROLIT
YOUR PARTNER IN THE STONE INDUSTRY

TYROLIT provides a vast range of technically outstanding diamond tools for working natural stone, ceramics and glass. Years of experience combined with continuous innovation, top quality standards and individual application advice has enabled TYROLIT to establish itself as a leading partner worldwide in these industry sectors.

Ready to face the 21st century
Our product range is currently the most comprehensive in the market. We provide tools for the quarrying and processing of marble and granite and for the processing of engineered stone. TYROLIT produces diamond wire for quarry and stationary machines; circular blades and gang saw blades for block cutting machines; tools for surface calibration, grinding and polishing; cutting discs, edging tools, drills, and more for any stone fabrication need.
In collaboration with machine manufacturers, TYROLIT is continually developing new technological systems for the 21st century.

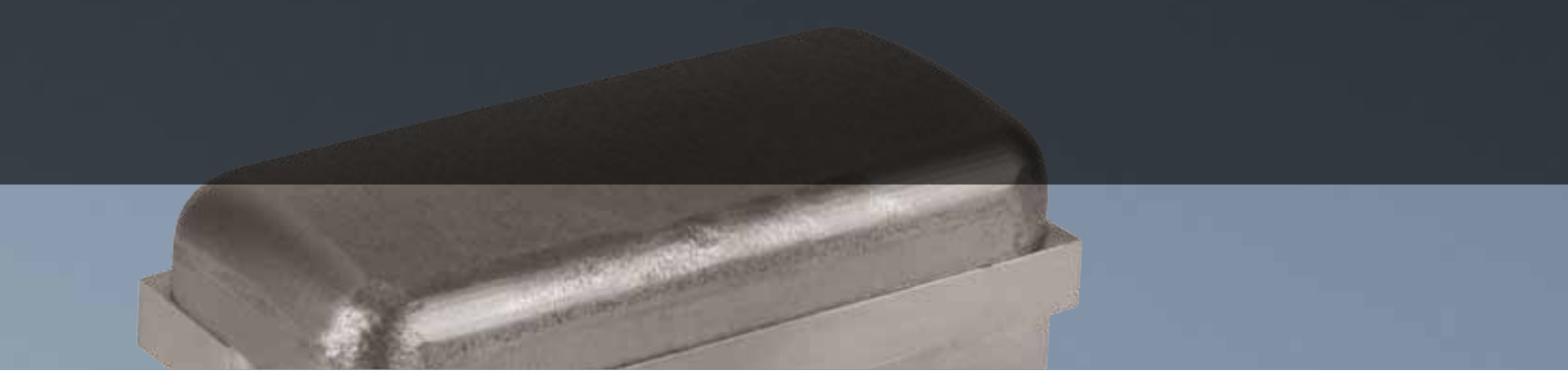
QUARRYING AND BLOCK PROCESSING WITH DIAMOND WIRE

QUARRY WIRE

- Diamond wire assembled with rubber, plastic or springs to cut granite, marble and other natural stones
- Diamantseil, vulkanisiert, Kunststoff verspritzt oder mit Federmontage zum Schneiden von Granit, Marmor und anderen Natursteinen im Steinbruch
- Lina diamentowa zabezpieczona gumą, plastikiem lub sprężynkami do cięcia granitu, marmuru I innych kamieni naturalnych w kamieniołomach

STATIONARY WIRE

- Plastic assembled diamond wire – with or without springs – to cut granite, marble and other natural stones on stationary single or multi wire machines
- Diamantseil mit Kunststoff verspritzt – mit oder ohne Federn – zum Schneiden von Granit, Marmor und anderen Natursteinen auf stationären Einzel- oder mehrfach Multiseilsägen
- Lina diamentowa zabezpieczona plastikiem – z lub bez sprężynek – do cięcia granitu, marmuru i innych kamieni naturalnych dla jedno lub wielu linowych maszyn stacjonarnych

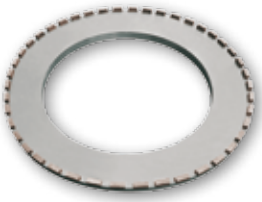


BLOCK PROCESSING
CUTTING OF BLOCKS INTO SLABS AND STRIPS; CALIBRATION AND POLISHING OF THE RESULTING SURFACES

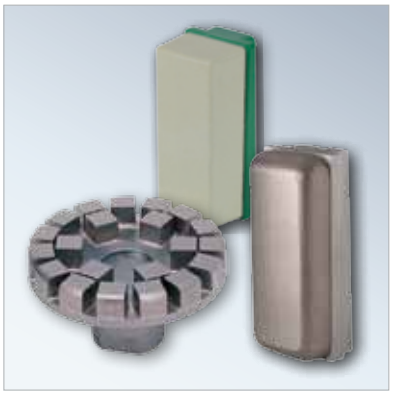
BLOCK CUTTING

- Circular blades for block cutting machines with single or multiple discs suitable for granite, marble or other natural stones | Gang saw blades for marble, limestones and sandstones
- Kreissägeblätter für Blocksägen für Einzel- oder Mehrfachsägen zum Einsatz auf Granit, Marmor oder anderen Natursteinen | Gattersägeblätter für Marmor, Kalkstein und Sandstein
- Piły cyrkularne do cięcia bloków dla maszyn jedno lub wielu piłowych przeznaczonych do granitu, marmuru lub innych kamieni naturalnych | Piły listwowe do marmuru wapieni i piaskowców

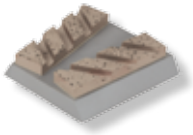
SURFACE CALIBRATION

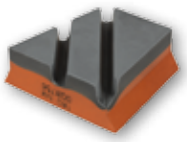


- Calibrating rollers for processing the surface of granite, hard stone and engineered stone | Calibrating plates for the processing of marble tiles
- Kalibrierwalzen zur Bearbeitung der Oberfläche von Granit, Hartgesteinen und Agglomeraten | Kalibrierteller zur Bearbeitung von Marmorfliesen
- Rolki kalibrujące do obróbki powierzchni granitu, twardych kamieni i aglomeratów | Kalibracja płyt do obróbki płytek marmurowych

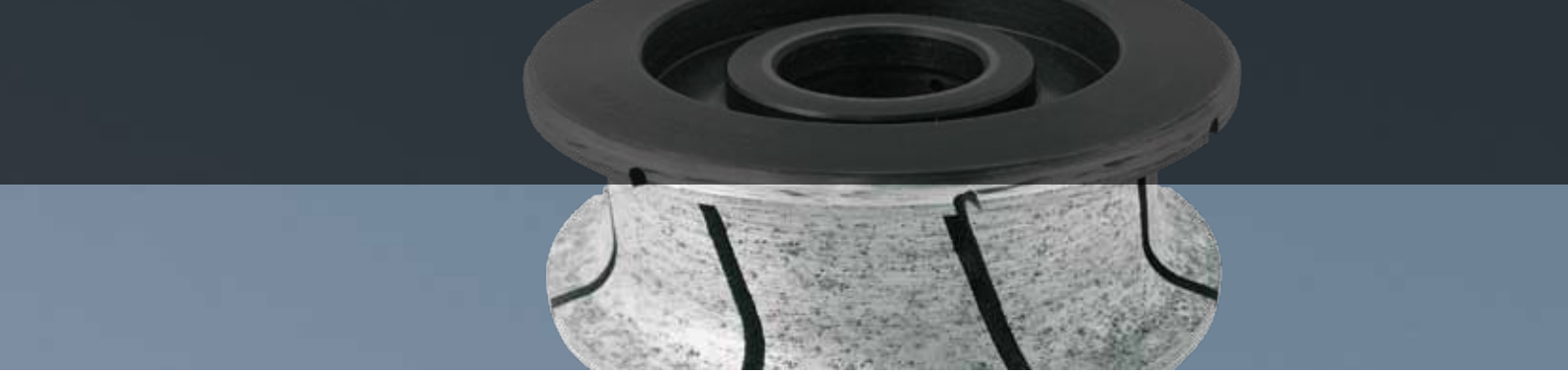


SURFACE GRINDING AND POLISHING





- Cylindrical rollers, frontal wheels, metal and resin bond oscillating segments and Frankfurts for the processing of granite, engineered stone and marble
- Zylindrische Walzen, Topfscheiben, metall- und kunstharzgebundene Wackelkopfsegmente und Frankfurt Segmente für die Bearbeitung von Granit Agglomeraten und Marmor
- Walce cylindryczne, Tarcze garnkowe, metalowe i o wiązaniu żywicznym wagony polerskie do granitu, aglomeratów i marmuru



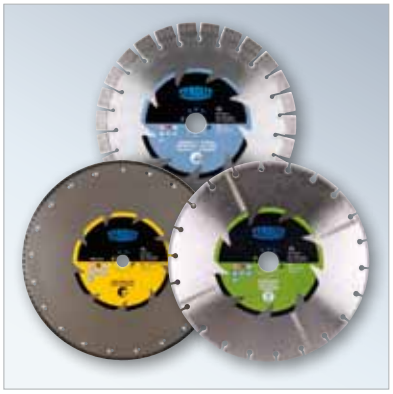
SLAB PROCESSING
CUTTING SLABS TO SIZE; EDGE GRINDING AND PROFILING; DRILLING

SLAB CUTTING

- Bridge saw cutting blades for granite, marble and other natural and engineered stones
- Sägeblätter für Brückensägen zum Schneiden von Granit, Marmor und anderen Natursteinen und Agglomeraten
- Tarcze do pił mostowych do cięcia granitu, marmuru i innych kamieni naturalnych oraz aglomeratów

EDGE PROCESSING

- Tools for straight edge and CNC machines in metal or resin bond, suitable for granite, marble and engineered stone
- Werkzeuge zum Bearbeiten von geraden Kanten und CNC Maschinen, zum Einsatz auf Granit, Marmor und Agglomeraten
- Narzędzia do obróbki prostych brzegów i maszyn CNC w wiązaniu z metalu lub żywicy, do zastosowania w granicie, marmurze i aglomeratach



OTHER FABRICATION TOOLS

- Dry cutting blades, drills, grinding cups and other fabrication tools for working granite, marble and other natural and engineered stone
- Trockenschnittsägen, Bohrer, Schleifteller und weitere Werkzeuge für die Bearbeitung von Werkstücken aus Granit, Marmor und weiteren Natursteinen und Agglomeraten
- Piły do cięcia na sucho, Wiertła, Tarcze talerzowe i inne narzędzia do obróbki detali z granitów, marmuru i innych naturalnych kamienia oraz aglomeratów

APPLICATION ENGINEERING
EXPERT SOLUTIONS

Successful companies not only expect excellent products from their suppliers, but also process know-how to support their individual requirements.

The production and supply of top quality tools is in itself no longer sufficient. With our team of product application engineers, we are able to provide our customers with complete solutions in line with their demanding technical and economical expectations.

Clarify the task
We place great emphasis on knowing the needs of our customers. A requirements profile which takes technological and profitability aspects into account is drawn up with each customer.

Define the concept
The team of experienced product managers defines approaches to the solution, assisted by our specialists from R & D who continuously work on improving product performance in various applications.

Realize the solution
The application engineer then ensures that the new grinding/ cutting solution meets the customer's requirements.

Enhance know-how
The continuous development of our expertise in the field of innovative diamond tools is crucial to successful cooperation with our customers.

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