CERAMICS
DIAMOND TOOLS FOR
CERAMIC TILE PROCESSING
TYROLIT provides a vast range of technically outstanding diamond tools for working with natural stone, ceramics and glass. Thanks to many years of experience combined with continuous innovation, top quality standards and individual application advice, TYROLIT has been able 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 on the market. We produce tools for surface calibrating, polishing and special surface finishing, tools for squaring and bevelling and tools for cutting and profiling of porcelain and ceramic materials. In collaboration with machine manufacturers, TYROLIT is constantly developing new technological systems.

TILE SQUARING AND CHAMFERING

CUP WHEELS AND PERIPHERAL WHEELS

- Metal bonded wheels single or double, continuous or segmented rim for squaring
- Mole a legante metallico con fascia singola o doppia, banda continua o a settori per squadratura

RESIN BONDED CUP WHEELS

- Squaring and chamfering resin bonded cup wheels
- Mole a tazza a legante resinoide per squadratura e bisellatura
SURFACE CALIBRATING AND POLISHING
CALIBRATING TOOLS

SPiral ROLLERS

- Calibrating spiral and packed disc rollers
- 修磨滚轮，金刚石磨削刃口呈螺纹排列
- Rulli calibratori a spire e a pacco dischi

ROLLERS ON ROTATING HEADS

- Calibrating rollers on rotating heads with packed disc, segmented and continuous rim
- 修磨滚轮，金刚石磨削刃口连续或间断分布
- Rulli a pacco dischi, settori e fascia continua per calibratori a teste rotanti

POLISHING TOOLS

ROLLERS, SATELLITES AND FICKERTS

- Cylindrical and conical rollers, frontal wheels and metal bonded oscillating segments
- 外圆或锥面滚轮，磨削面位于滚轮轴向，金属结合剂磨块交叉摆动排列
- Rulli cilindrici e conici, mole frontali e settori oscillanti con legante metallico
**SURFACE POLISHING**
TOOLS FOR SPECIAL SURFACE FINISHING

**LAPPING TOOLS**
- Resin bonded satellites
- Satelliti in resina diamantata
- Resin bonded fickerts
- Fickert in resina diamantata

**CUTTING AND PROFILING**

**CUTTING**
- Continuous and segmented rim blades for cutting all ceramic materials
- Dischi a fascia continua e a settori per il taglio di tutti i materiali ceramici

**PROFILING**
- Cup wheels and profiling wheels for profiling machines
- Mole a tazza e mole a profilo per macchine profilatrici
APPLICATION ENGINEERING
SOLUTIONS EXPERTISE

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

Concentration on 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 sustained solutions in line with today’s demanding technical and economical expectations.

Clarify the task
We place great emphasis on knowing the targets of our customers. A requirements profile which takes technological and profitability aspects into account is drawn up with our 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 process solution is then taken direct to the customer where the application engineer sets the mode of operation for the new grinding/cutting solutions to verify if the required working process optimization has been achieved.

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