

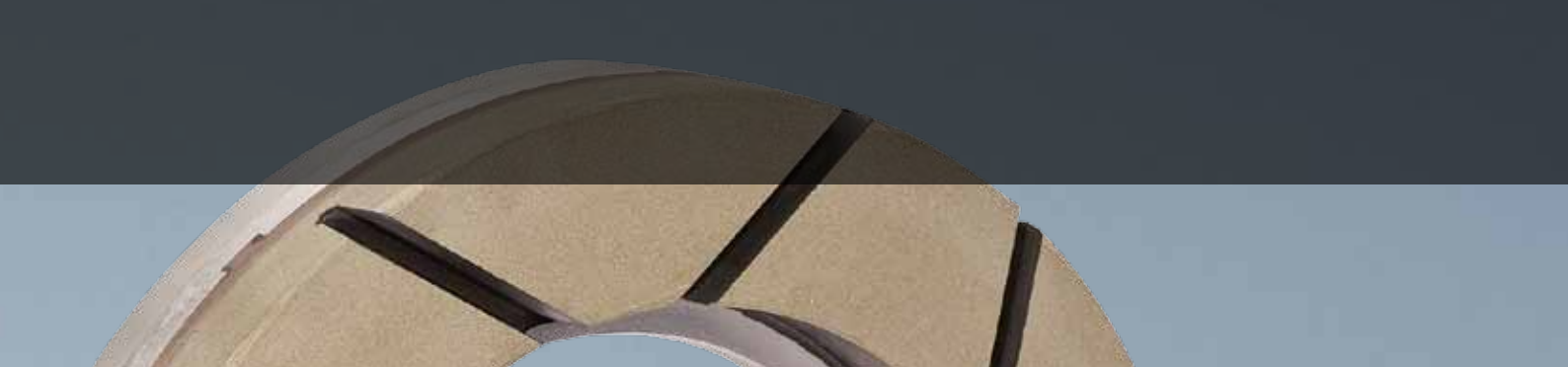
# **CERAMICS**

## DIAMOND TOOLS FOR CERAMIC TILE PROCESSING

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A Company of the SWAROVSKI Group

**TYROLIT**



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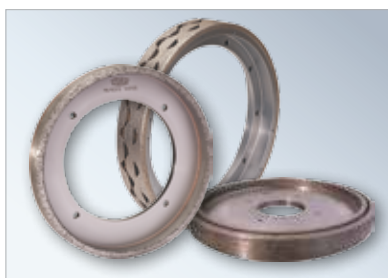
### **YOUR PARTNER IN THE CERAMICS INDUSTRY**

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
- Meules en liant métallique avec bandeau simple ou double, bandeau continu ou segmenté pour l' équerrage



### **RESIN BONDED CUP WHEELS**

- Squaring and chamfering resin bonded cup wheels
- Mole a tazza a legante resinoide per squadratura e bisellatura
- Meules boisseau en liant résinoïde pour l' équerrage et chanfreinage





## SURFACE CALIBRATING AND POLISHING CALIBRATING TOOLS



### SPIRAL ROLLERS



- Calibrating spiral and packed disc rollers
- Rulli calibratori a spire e a pacco dischi
- Rouleaux calibreurs hélicoïdaux et à paquet disques



### ROLLERS ON ROTATING HEADS

- Calibrating rollers on rotating heads with packed disc, segmented and continuous rim
- Rulli a pacco dischi, settori e fascia continua per calibratori a teste rotanti
- Rouleaux à paquet disques, segmentés et bandeau continu pour calibreurs avec têtes rotatives



## POLISHING TOOLS



### ROLLERS, SATELLITES AND FICKERTS

- Cylindrical and conical rollers, frontal wheels and metal bonded oscillating segments
- Rulli cilindrici e conici, mole frontali e settori oscillanti con legante metallico
- Rouleaux cylindriques et coniques, meules frontales et patins oscillants en liant métalliques





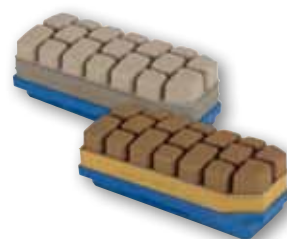
## SURFACE POLISHING

### TOOLS FOR SPECIAL SURFACE FINISHING



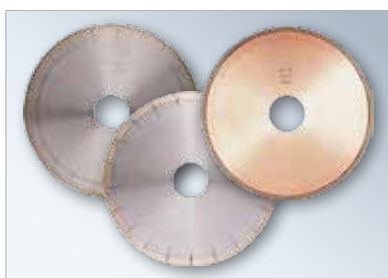
#### LAPPING TOOLS

- Resin bonded satellites
- Satelliti in resina diamantata
- Satellites en résine diamantée



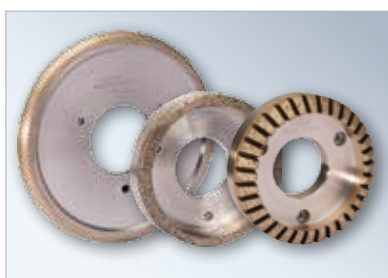
- Resin bonded fickerts
- Fickert in resina diamantata
- Fickert en résine diamanté

## 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
- Disques en jante continu et segmentés pour le sciage de tous les matériaux céramiques



#### PROFILING

- Cup wheels and profiling wheels for profiling machines
- Mole a tazza e mole a profilo per macchine profilatrici
- Meules boisseau et meules profils pour les machines de profilage







## 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.

1



### **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.

2



### **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.

3



### **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.

4

**TYROLIT Vincent S.R.L.**

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