



# **GLASS** DIAMOND TOOLS FOR THE GLASS INDUSTRY

EN | CN | DE

A Company of the SWAROVSKI Group

**TYROLIT**



## TYROLIT

### YOUR PARTNER IN THE GLASS 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 provide diamond tools for the processing of architectural glass, furniture glass, household appliance, automotive and optic glass. TYROLIT produces peripheral wheels and drills for the technical glass industry; cup wheels, peripheral wheels, cnc tools and drills for the flat glass industry; saw blades, grinding plates and engraving tools for the crystal glass industry; crown wheels, edging wheels and pellets for the optical industry. In collaboration with machine manufacturers, TYROLIT is constantly developing new technological systems for the 21st century.

## TECHNICAL GLASS

### AUTOMOTIVE, HOUSEHOLD APPLIANCE AND SOLAR



#### PERIPHERAL WHEELS



Peripheral wheels for edge grinding of tempered and laminated glass in the automotive, household appliance and solar industry

专用玻璃加工领域之金刚石磨边砂轮，如：汽车挡风玻璃、家电玻璃、太阳能电池板防护玻璃的加工

Umfangsfräser für die Kantenbearbeitung zum Schleifen von getempertem und laminiertem Glas in der Automobilindustrie, Haushaltsanwendungen und der Solarindustrie



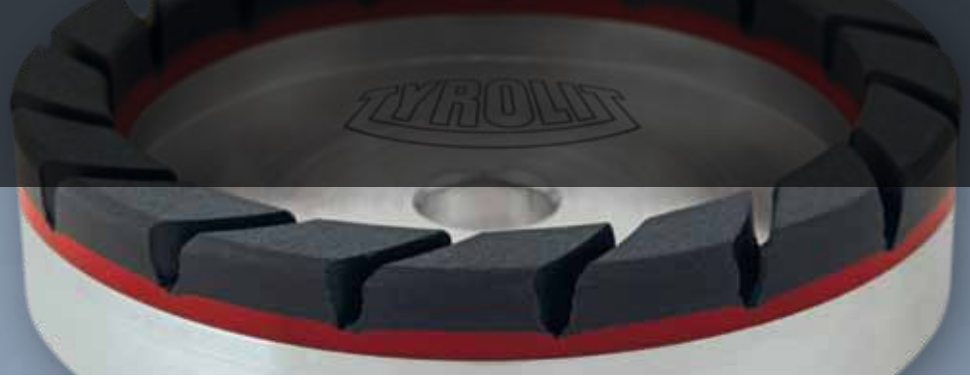
#### DRILLS



Straight and countersink drills for automatic machines

玻璃钻孔工具

Hohlbohrer oder Fasensenker für automatische Maschinen



## FLAT GLASS ARCHITECTURAL AND FURNITURE



### CUP WHEELS



- Metal or resin bond cup wheels, with continuous, segmented and semi segmented rim, for flat edge grinders and beveling machines
- 杯形金刚石磨轮，加工平面玻璃，多用于建筑及日用家具行业玻璃加工
- Metall- oder Kunstharzgebundene Topfscheiben, mit geschlossenem Rand, segmentierter Ausführung oder mit Halbsegmenten für Maschinen zur Bearbeitung der geraden Kante und der Fasen



### PERIPHERAL WHEELS

- Metal bond trapezoidal and pencil edge peripheral wheels for automatic, semi-automatic and manual machines
- 金刚石磨边轮，加工平面玻璃，用于建筑及日用家具行业玻璃加工
- Metallgebundene Umfangsfräser mit Trapez- und halbrunder Form für automatische, halbautomatische und manuelle Maschinen



### CNC TOOLS



- Cutting routers | Flat, trapezoidal and pencil edge peripheral wheels | Profiled wheels | Drills for cnc machines
- 金刚石特殊加工工具，配套CNC全自动加工设备
- Fingerfräser | Gerade, trapezförmige und halbrunde Umfangsfräser | Profilfräser | Bohrer für CNC Maschinen



## FLAT GLASS

### ARCHITECTURAL AND FURNITURE



## DRILLS, SAW BLADES, ELASTIC WHEELS



- Diamond drills, segmented cutting discs for safety glass, elastic wheels for coating removal
- 金刚石钻孔工具、切割锯片，弹性磨轮
- Diamantbohrer, segmentierte Sägeblätter für Sicherheitsglas, elastische Scheiben zum Entfernen von Beschichtungen



## CRYSTAL GLASS

### ENGRAVING WHEELS, PLATEAUX, SAW BLADES

- Engraving wheels, grinding and polishing plateaux in resin or metal bond, saw blades with continuous or segmented rim
- 水晶加工特殊金刚石工具：雕刻磨头、不规则形状加工工具及切割工具
- Gravierfräser, Schleif- und Polierteller in Kunstharz- oder Metallbindung | Sägeblätter mit geschlossenem Rand oder in segmentierter Ausführung



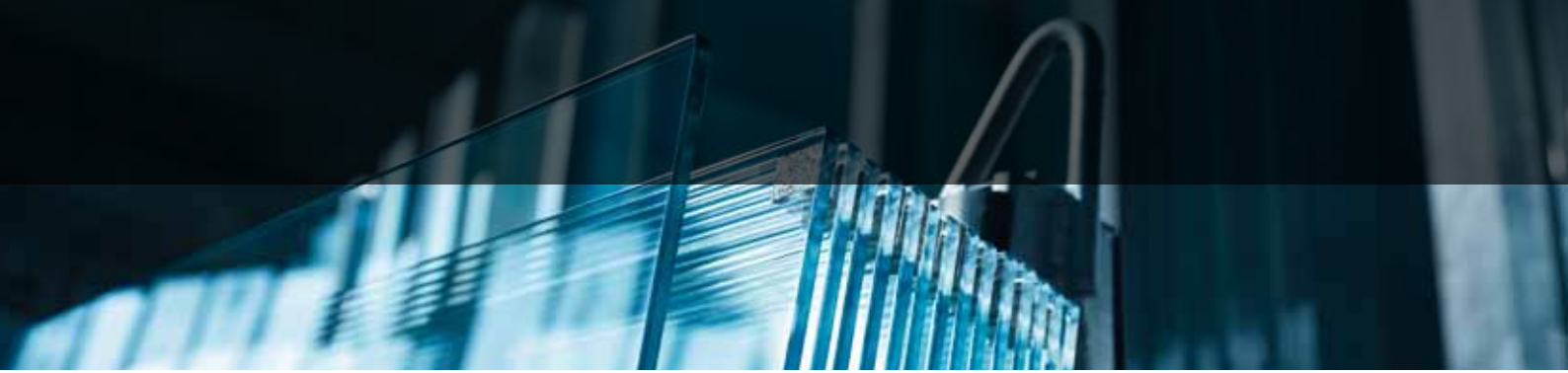
## OPTICS

### CROWN WHEELS, LENS EDGING WHEELS, PELLETS



- Generating wheels, diamond pellets and full face tools for the production of ophthalmic lenses, lens edging wheels
- 光学玻璃加工领域金刚石工具：碗形磨轮、镜片磨轮、球面轮
- Diamantfräser, Pellets und Läppschalen für die Herstellung von Brillengläsern, Randschleifscheiben





## **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.

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

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