



GLASS DIAMOND DRILLS

ADVANCED TECHNOLOGIES FOR GLASS DRILLING

- Clean edge quality
- High drilling feed rate
- Long lifetime

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TYROLIT provides the best solutions for glass drilling granting perfect edges already on first holes even at high feed rates. This is possible thanks to the many years of experience and know-how in the design of diamond tools for glass applications and the use of advanced manufacturing technologies.

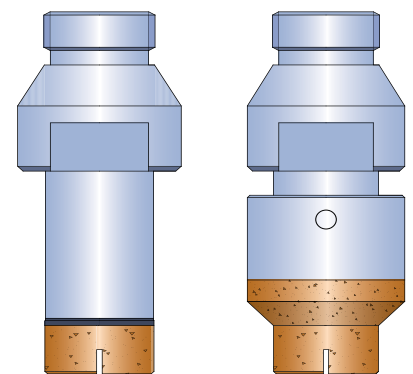
Application

Drilling of FLOAT and LAMINATED glass on AUTOMATIC, MANUAL and CNC drilling machines.

Product Assortment

Holder	Total length	Diameter	Working length
1/2" gas	75 or 95 mm	5 to 70 mm with 1 mm increment	30 mm (on straight drill)
Diamond rim	Rim thickness	Slots in the rim	Body
10 mm	1 mm	2 (up to dm 30) or 4	Stainless steel (inox)

Straight drills or with mobile countersink



Benefits

- Excellent start-up (pre-sharpened and beveled rim)
- High drilling feed rate
- Long lifetime

Process Parameters

Glass thickness mm	Recommended peripheral speed	Drilling rate with water	Drilling rate with coolant	Countersink speed
Float 3–8	3 m/s	up to 2 mm/s	up to 2,5 mm/s	up to 0,5 mm/s
Float 10–19	3 m/s	up to 1,3 mm/s	up to 1,7 mm/s	up to 0,5 mm/s
Laminated up to 30	3 m/s	up to 1,0 mm/s	up to 1,5 mm/s	up to 0,5 mm/s

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