

APIO® Wheels



The APIO® wheel has been developed to scribe different types of glass with improved yield and even higher edge strength. APIO® stands for “All Purposes In One”.

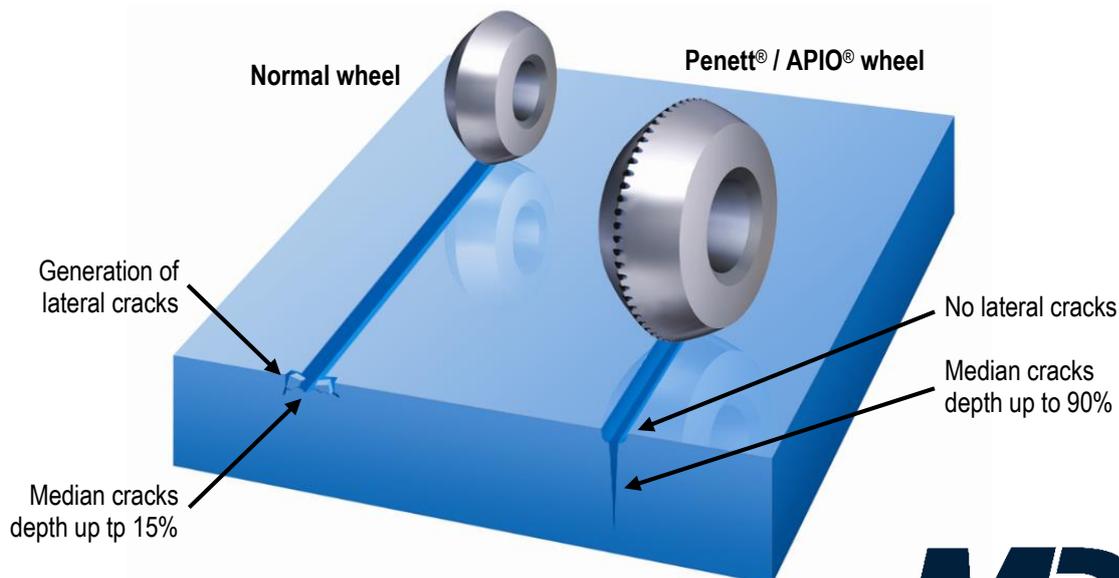
- no slipping when rolling on glass from the edge or at scribe line crossing points
- wide scribing range (wide process window)
- high glass edge strength
- stable long lifetime
- tungsten carbide and polycrystalline diamond wheels available

Penett® Wheels



Due to its patented wheel structure with small notches, the Penett® wheel creates a very deep median crack of up to 90% of the glass thickness, which effectively simplifies or even eliminates the breaking process.

- stable scribing performance of substrates with protective film or coatings
- cutting of chemically strengthened glass
- easy separation of free shapes or laminated substrates
- tungsten carbide and polycrystalline diamond wheels available
- MicroPenett® diamond wheels available for very thin glass



Axles

The perfect match to use with MDI scribing wheels and holders.

- available in different materials (tungsten carbide, polycrystalline diamond, and e-coated) for use with MDI carbide or diamond wheels



Holders

There is a wide range of MDI holders and holder joints available designed to meet our customers' requirements.

- standard and precision holders applicable for MDI machines
- holder joints available for most kind of glass cutting machines by other machine manufacturers



Mrcs®

Numerous wheel specifications are available pre-assembled as Mrcs® (MDI Rapid Change System), forming a fixed unit of holder, wheel and axle for quick and easy exchange.

- equipped with high quality diamond wheel and axle
- stable scribing performance due to precise assembly technologies
- easier quality control and lifetime management
- perfect match to our cutting machines of MP, MS, MM series

