## Glass Wafer with Through Vias High Quality Microholes in Standard Glasses





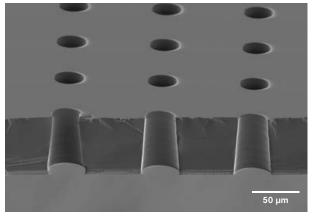
www.vitrion.com



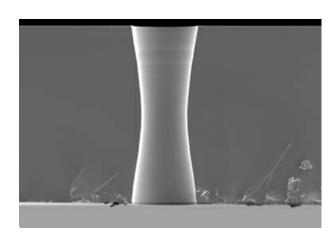
## Glass Wafer with Microholes for TGV

- Glass thickness: < 0.9 mm
- Minimum microhole diameter: 10 µm
- Positional accuracy: ±5 μm
- Taper angle: 1 ° to 7 ° (depending on glass type)

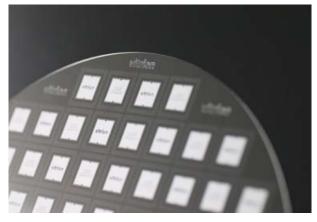
- Chipping: None
- Microcracks: None
- Substrate size and format: All standard wafer sizes up to 450 mm and glass panels up to 510 mm x 510 mm



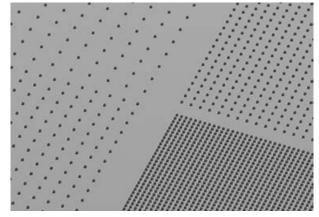
V-shaped Through-Glass Via (TGV)



Hour-glass shaped Through-Glass Via (TGV)



Glass wafer



Detailed view of microholes



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<sup>o</sup>hotos may also show optional accessories

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