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Country	Lithuania
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PRODUCTS OR MACHINERY

Laser Cutting (Dicing) of Sapphire Glass

Laser cutting (scribing) process is optimized for each type of tempered glass that is used. Processing window is quite wide and can be set up easily.

Laser cutting of tempered glass features:

Straight and round cut trajectories

Thickness of tempered glass from 0,3 mm to 1,3 mm

DOL of tempered glass from 10 µm to 42 µm

Cutting speed from 200 mm/s

Cut surface roughness $Ra < 1 \mu m$

Easy to break after processing

Smooth edges: minimal or no post-processing needed

No visible cracks or collateral damage near cut line

Different processing parameters might be developed for specific inquiries.

Company Profile of **Workshop of Photonics**

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