



Waveguide Window

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1. Product Description

Honeycomb ventilation waveguide windows are crafted from tinned thin plates through stamping, assembling, and tin-dipping processes, resulting in a honeycomb-shaped shielding component. Our waveguide windows are available in steel and stainless-steel materials, featuring a specially designed frame structure suitable for welding, assembly, or other structural shielding enclosures.

2. Typical Applications

- Chassis/cabinets with high shielding effectiveness requirements
- Equipment for harsh environments requiring shock and vibration resistance
- Maritime equipment
- Military shelters
- Shielded rooms

3. Product Features

- Large ventilation capacity
- Durable and robust
- Resistant to deformation
- High mechanical impact resistance
- Wide frequency band
- High shielding effectiveness

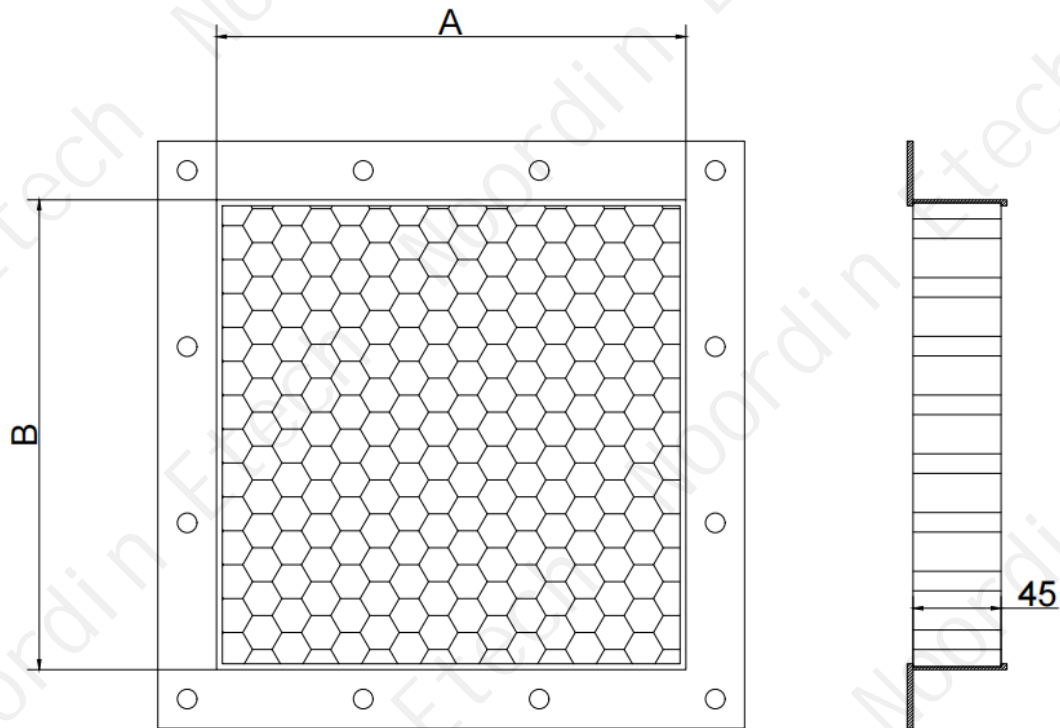
4. Technical Data

Bore Diameter	Φ3.0mm、Φ5mm, thickness 45mm
Material	Iron、Stainless steel
Size	Fig 1 (A*B) 300×300mm 、 300×600 mm 、 400×400 mm 500×500 mm 、 600×600 mm

Note: The appearance and size can be customized.

5. Outline Drawing (mm)

Fig 1



6. Shielding Efficiency

Magnetic Field	14KHz \geq 75dB 150KHz \geq 100dB
Electric Field	200KHz~50MHz \geq 110dB
Flat Wave Surface	50MHz~1GHz \geq 110dB
Microwave	1GHz~10GHz \geq 100dB 10GHz~18GHz \geq 90dB

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