SoundPower

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Application

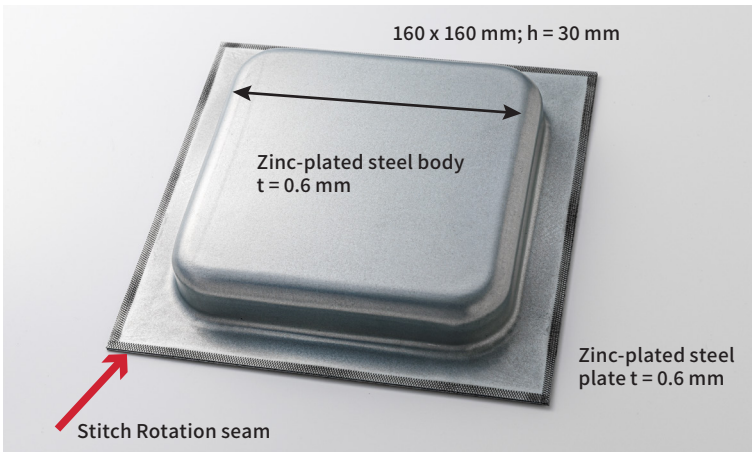
Rotation

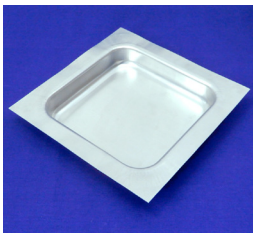
Patented

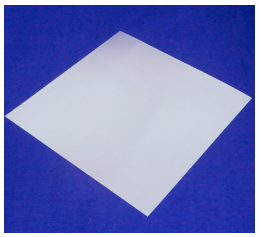
Zinc-Plated Steel Tank 3D Bonding

Hermetic Sealing Using Stitch Rotation









Stitch Rotation

A new intermittent rotary bonding mechanism combining the efficiency of rotary seam bonding with the benefits of press-type systems. Precise rotary motion and advanced SoundPower control open up new possibilities for demanding applications.



1 Before Bonding

2 After Bonding

Key Points

- No hydrogen embrittlement
- Hermetic seals (tested in 60°C water)
- Supports complex 3D geometries without warping parts
- No residual stress
- Clean bonds without burn marks
- Long horn life with minimal wear
- Bonding at room-temperature and under atmospheric conditions

System Used

- 15RMs



AP-E-0090A4-2026072201

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