

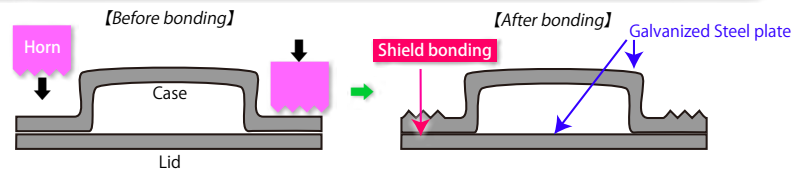
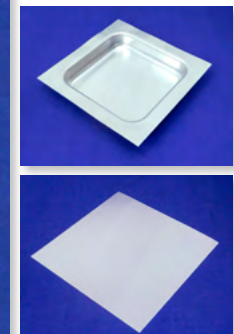
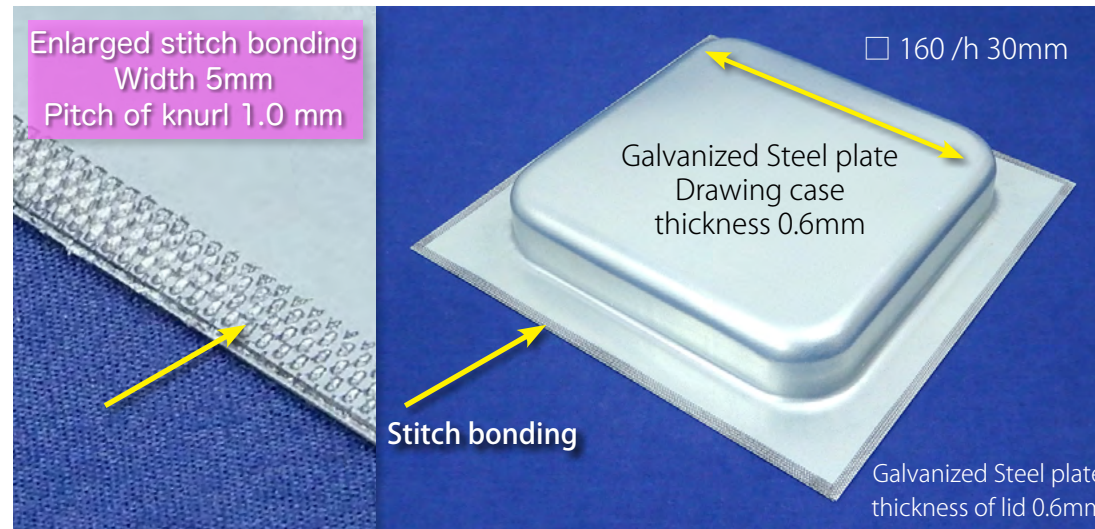


SoundRotation application



〈Seam 3D Bonding of Galvanized Steel Plates by preventing hydrogen embrittlement〉

Sealing bonding of 3D tank with stitch method



[Stitch Rotation]
 We developed **[Intermittent type sound rotation mechanism]** which hybridizes high rigid rotary type seam technology and Ultex's batch type bonding technology which has many achievements, as the newest bonding technology. Revolution will break out in the world of seam bonding (Patent)

- ★ Bonding which prevents "hydrogen embrittlement" without burning at room temperature in atmosphere
- ★ Hermetic sealing bonding of Galvanized Steel plates, was accomplished (In hot water at 60°C)
- ★ Seam 3D bonding without warp and residual stress
- ★ Beautiful bonding that applications aren't burned in a clean environment
- ★ Yield rate 100% because of stable stitch rotation technology
- ★ Life of horn is long because of small wear amount



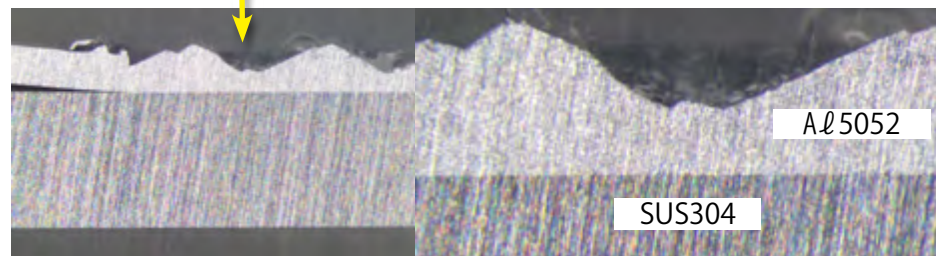
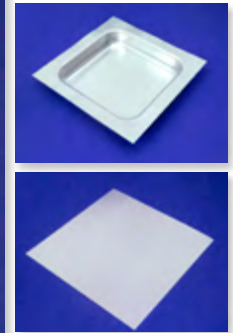
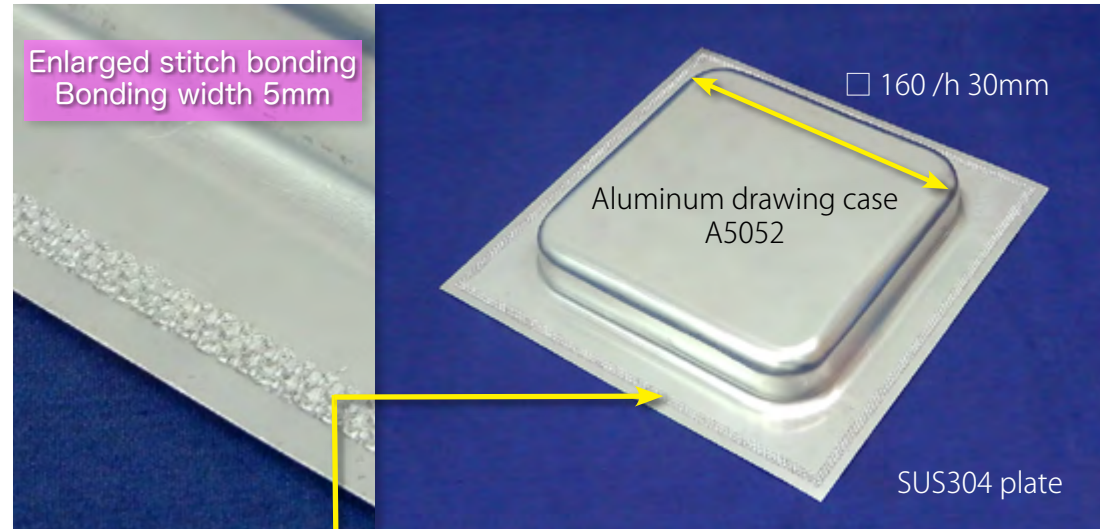


SoundRotation application



〈Aluminum and Stainless seam 3D bonding〉

Sealing bonding of 3D tank with stitch method



[Stitch Rotation]
 We developed **【Intermittent type sound rotation mechanism】** which hybridizes high rigid rotary type seam technology and Ultext's batch type bonding technology which has many achievements, as the newest bonding technology. Revolution will break out in the world of seam bonding (Patent)

- ★ Stitch rotation seam bonding of "Stainless and Aluminum" in atmosphere at room temperature
- ★ Assy of 3D tank was accomplished with hermetic bonding (In hot water at 60°C)
- ★ Yield rate 100% because of stable stitch rotation
- ★ Seam 3D bonding without warp becomes possible



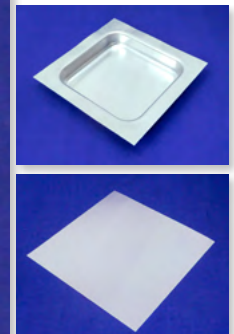
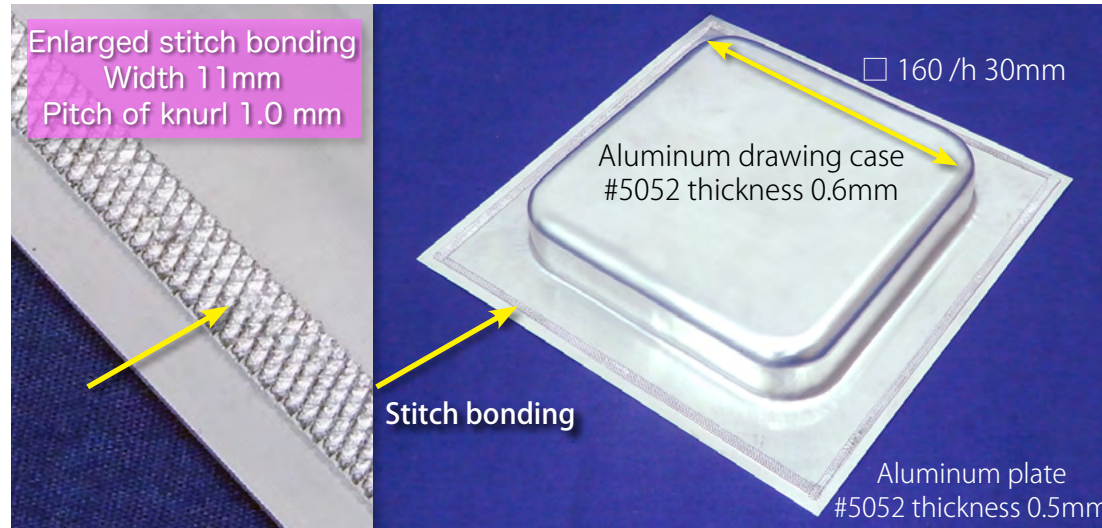


SoundRotation application



〈Sound Rotation 3D Bonding of Aluminum plate〉

Sealing bonding of 3D tank with stitch method



[Stitch Rotation]
 We developed **[Intermittent type sound rotation mechanism]** which hybridizes high rigid rotary type seam technology and Uلتex's batch type bonding technology which has many achievements, as the newest bonding technology. Revolution will break out in the world of seam bonding (Patent)

- ★ Bonding which prevents "**hydrogen embrittlement**" without burning at room temperature in atmosphere
- ★ Hermetic sealing bonding of Aluminum tank was accomplished (In hot water at 60°C)
- ★ Yield rate 100% because of stable stitch rotation
- ★ Seam 3D bonding with no warp became possible
- ★ Life of horn is long because of small wear amount
- ★ Beautiful bonding that applications are clean and they aren't burned
- ★ No need of inclusion because of direct bonding (Only sound energy)
- ★ Seam bonding length is unlimited
- ★ Energy supply is power outlet and air
- ★ Process can be controlled digitally 〈Built-in IOT〉

