



Patented

Application

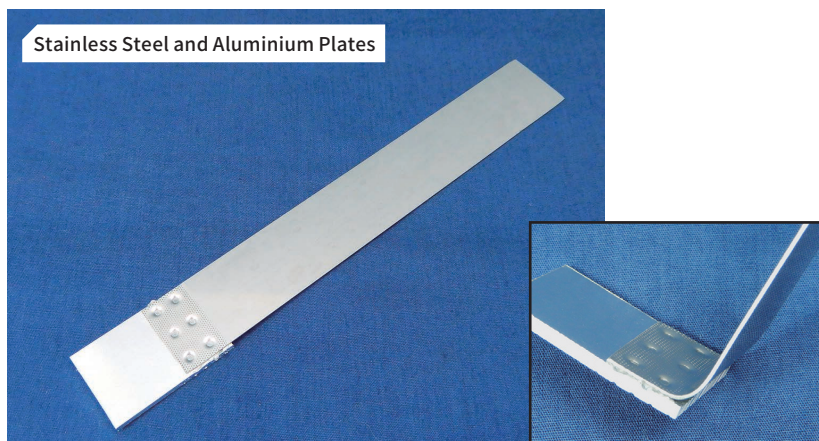
Bonding

Stainless Steel and Aluminium Plates

Energy Concentration Bonding (ECB)



Top: SUS304 (t=0.5 mm)
Bottom: SUS304 (t=2 mm)



Top: SUS304 (t=0.5 mm)
Bottom: Aluminium (t=2 mm)

Key Points

- ✓ No sticking to the horn
- ✓ No adhesives required
- ✓ Bonding at room-temperature and under atmospheric conditions
- ✓ Ingot/Alloy Bonding
- ✓ Process time approx. 1 s
- ✓ Minimal anvil and tool heating

System Used

- ✓ 15MZs



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