



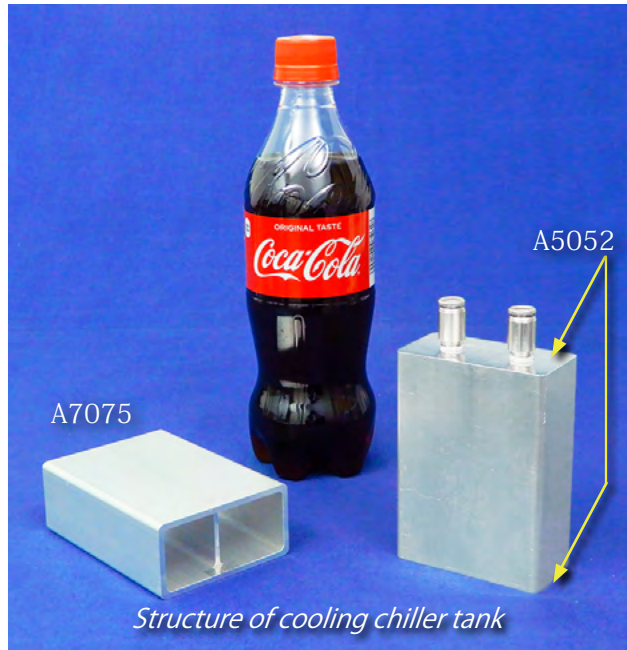
SoundBonding application



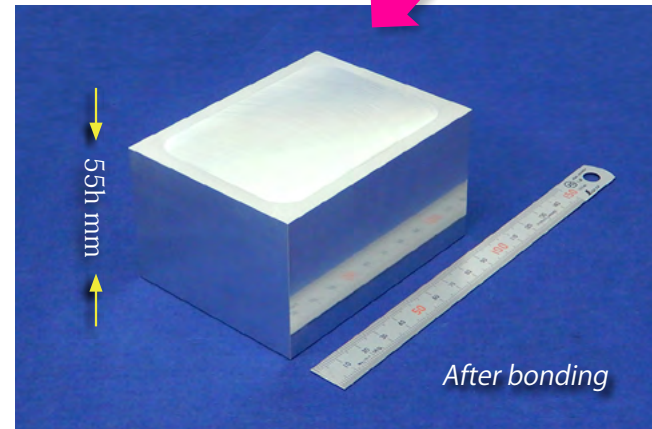
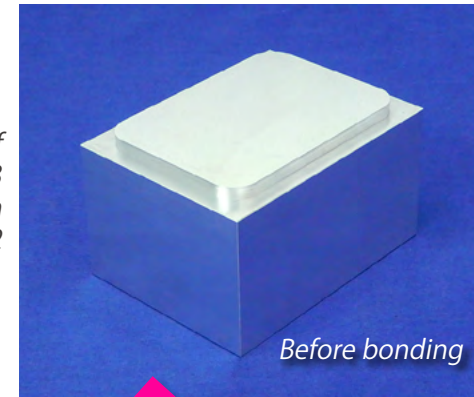
<3D Hermetic Bonding Ass'y of cooling chiller tank>

Hermetic bonding of both lids aluminum A5052 and drawn body A7075

(The both lids are upper and bottom sides)



Hermetic bonding of lid aluminum A6063 and body aluminum die-cast ADC12



Sample 100x75x55h mm

(Patent)

3DBonding

- ★ [3D & Hermetic] bonding of aluminum or magnesium
- ★ Bonding by sound energy only
- ★ Cleared sealing test (In hot water at 60°C)
- ★ Bonding at room temperature in atmosphere
- ★ Supplied energy is electricity and air only
- ★ Bonding on desktop

SoundPower[®]
Laboratory

ULTEX[®]