



SoundBonding application

<Multi-layer Bonding of Nickel foam>



Bonding of **multi-sheet at multi-point**
at once with MSB

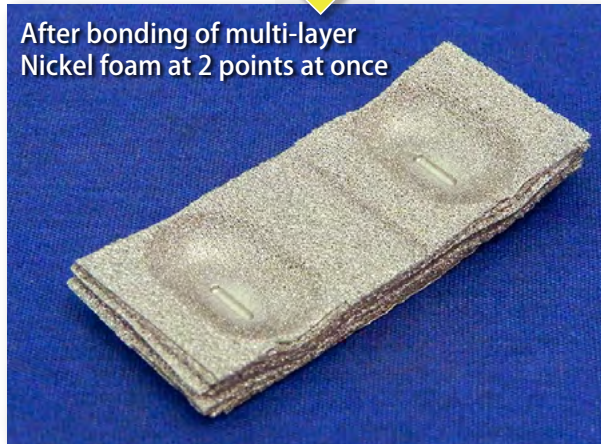
[Bonding with Clip-Ingot Tool]

Energy is concentrated on a tip of the tool because the shape of the tool for CIB is roundish. Unlike the bonding with mesh-patterned tool so far, this is a <beautiful> bonding method that parts are bonded with a soft touch and **bonding marks like stapled traces don't remain.**

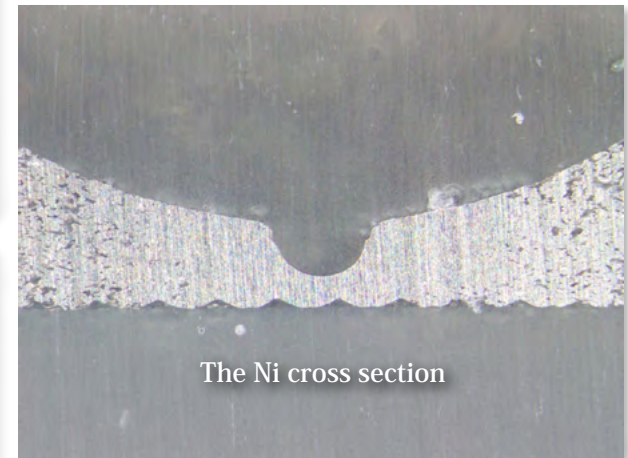


[Evolved MST/Multi-Step Tool]

Tip of the MST is as roundish as CIB, but the tips are stacked in many layers. By this, energy is concentrated on the tip and smooth bonding can be obtained. As a result, **<bonding time can be shortened, damages to multi-layer foil can be prevented, noise can be less and bonding strength is increased more.>** (Patent)



After bonding of multi-layer Nickel foam at 2 points at once



The Ni cross section

[Nickel foam t=0.8mm x 10sheets]

