

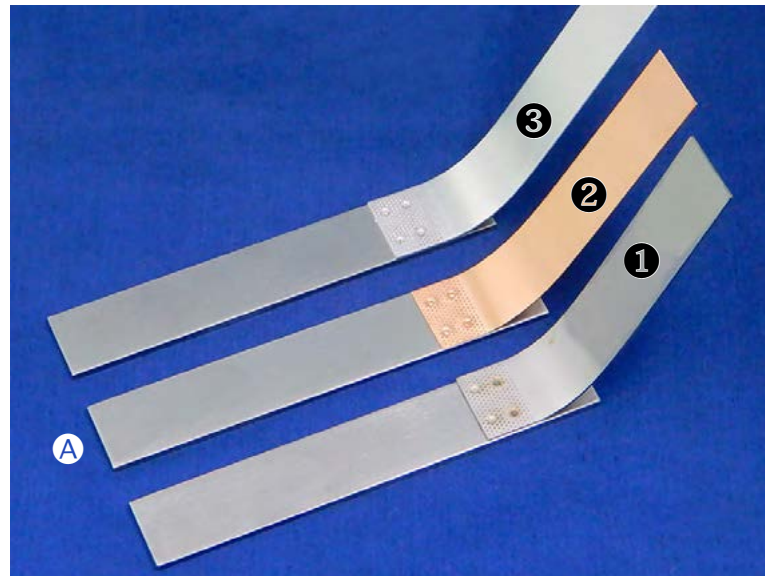
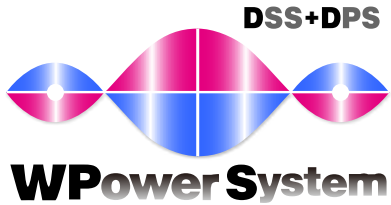


# SoundBonding application



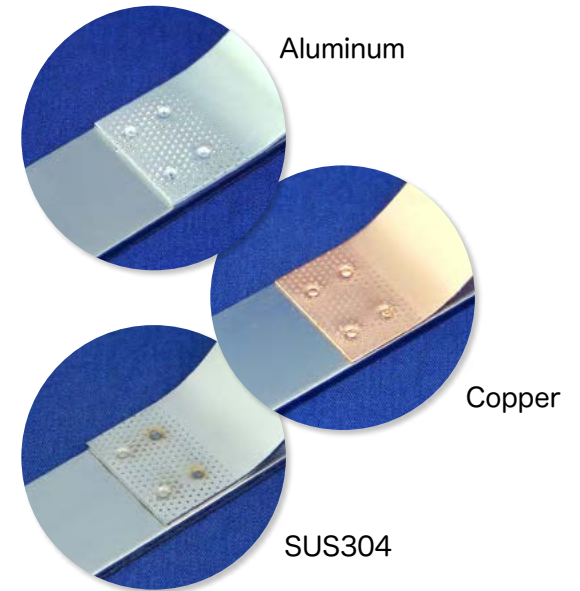
## <High Tensile Steel>

ECB [Energy Concentration Bonding] of High Tensile to various metals



(Patent)

- Ⓐ HTSS (@t=2.3mm)
- ① SUS304 (@t=1.0mm)
- ② Copper (@t=0.5mm)
- ③ Aluminum (@t=1.0mm)



Direct SoundBonding between High Tensile and SUS304 · Copper · Aluminum

- ★ Beautiful bonding between different metals
- ★ No need of inclusion. Only sound energy is needed
- ★ Bonding at room temperature in atmosphere
- ★ Alloy bonding
- ★ Short bonding time about 1 second
- ★ Almost no heat generation of SoundPower tools and anvils

