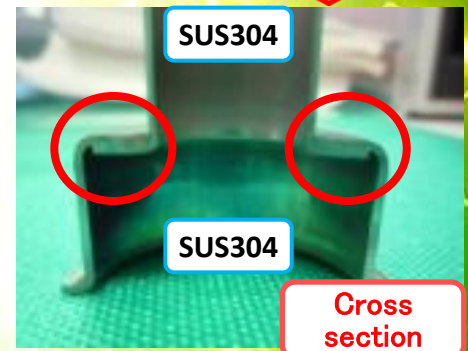
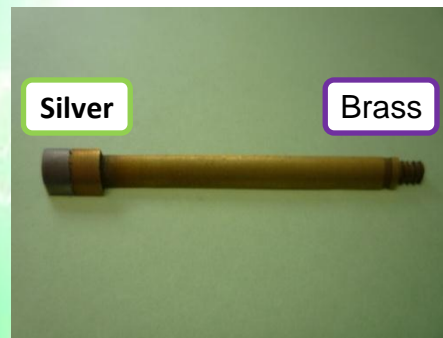


# ELEBON®

Energizing Diffusion Bonding  
Tightly bond metals each other !



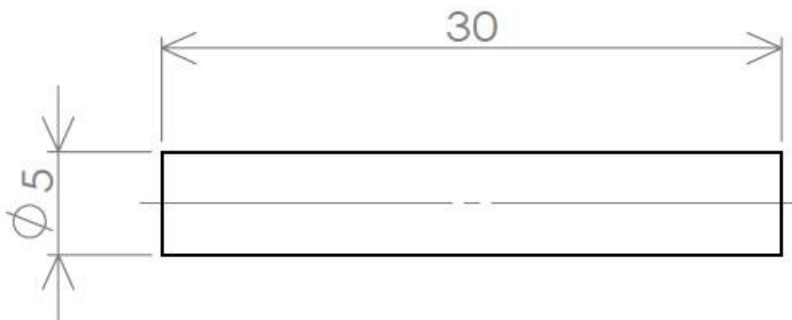
- Short time bonding (several tens of seconds to several minutes)
- No inclusion such as brazing material is necessary.
- Bonding of metal and nonferrous metal is possible.
- Bonding between heterogeneous or different shape materials is possible.
- High-strength, high-precision and high-efficiency can be achieved.



ECO-A Co. Ltd.

### Trial Bonding Package

### Standard test piece



#### Note

1) Should be no burrs on edge part

- This is a guide of the bonding experiment for users who have a need to bond metal and metal and are investigating whether the energizing diffusion bonding method can be applied or not.
- For the first time customers, we have prepared a trial bonding package that can be manufactured as a prototype using a standard test piece.
- When making the prototype in other shape than the test piece, jig manufacturing cost will be required separately.
- Target materials are conductive metal such as aluminum, copper, stainless steel, and iron, and dissimilar metals.
- Depending on the condition of the bonding surface, the entire bonding surface may not be bonded.
- Metal with plating treatment may not be bonded.
- Metal with insulating coating is difficult to bond.