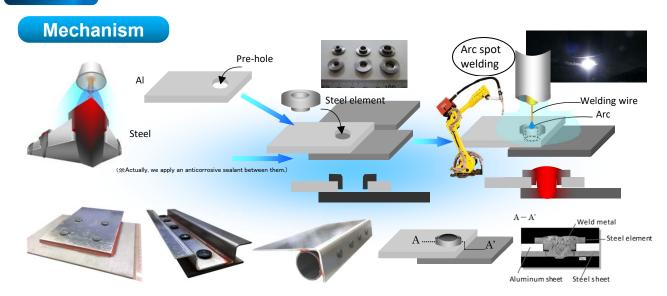
## **KOBELCO**

# Dissimilar Metal Joining Method Using Both Arc and Consumable Parts - Features of "EASW"

Benefits

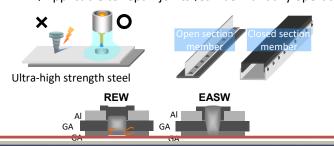
- Aluminum alloy and Ultra-high tensile strength steel sheets can be joined strongly from one side without merging each other.
- Uses arc welding and Element (Rivet).
- The top performance has been verified by the industry-government-university collaboration project ISMA.

#### Point



#### **Characteristics**

- I ) The joining strength is high.
- II ) It can be used for Ultra-high tensile steel sheets.
- ■) It can joint from one side.
- IV) Applicable to both open and closed section members.
- $\boldsymbol{V}$  ) There is no fear of LME cracking even in galvanized steel sheets.
- $\mathbf{W}$ ) The penetration state can be confirmed from the backside appearance.
- Ⅶ) Applicable to repair joints (Can be manually operated.)



#### Strength A5052(2.0t) shear test result GA980DP(1.4t) cross test result 10,000 9,000 8,000 7,000 (hole) 6,000 5,000 4,000 3,000 2,000 1,000

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