

## High Efficiency Arc Welding System D-Arc

### No Groove Welding of 9mm thick plate

High Efficiency process is realized for Middle/ Thick plate.  
No Groove / Trough Welding is available even if Gap is 0mm.

### High speed Welding of 60cm/min.

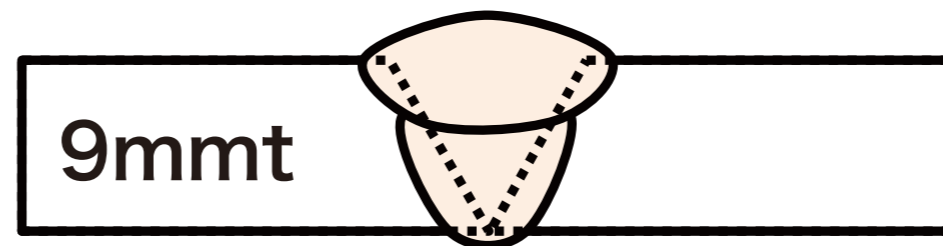
Keeping Penetration even if High Speed by Buried Arc.

Welding current  
**500A**

Welding Speed  
**60cm/min**

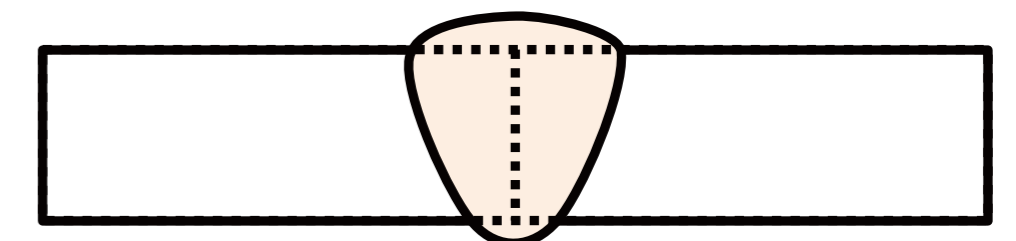
Gap  
**0mm**

Conventional Welding



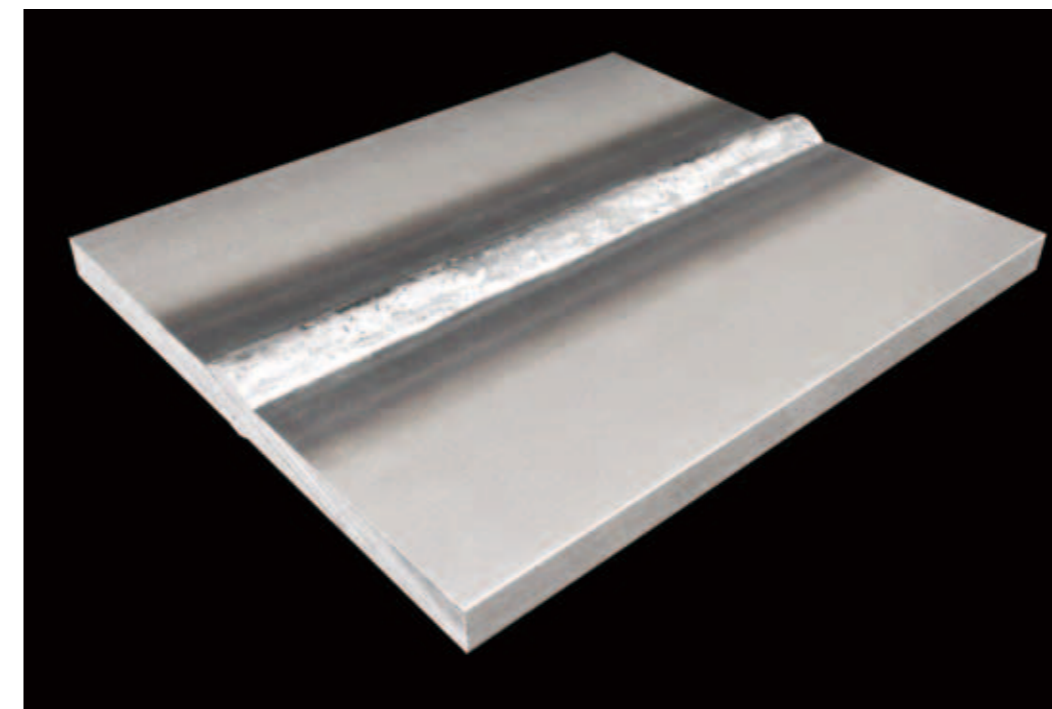
With Groove / 2 pass Welding

D-Arc High Speed Welding

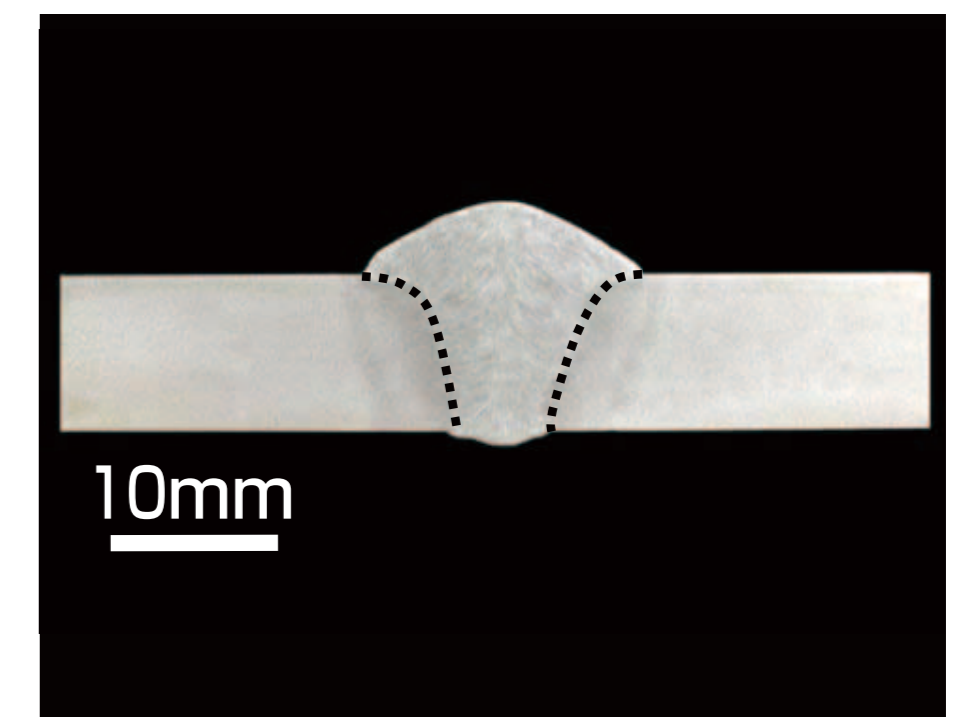


No Groove / 1 pass Welding

Out view of bead



The Section macro



\*Copper backing is used.

### Applicable Field

Railway Vehicle, Transfer Equipment, Construction Machinery, Steel Pipe, Vessels and etc.