

采用冷喷涂法的 激光异种金属连接技术

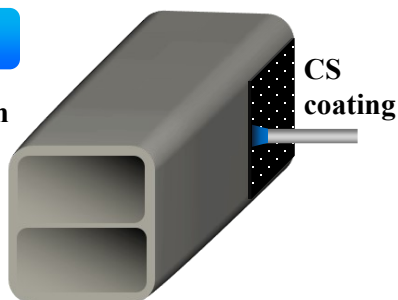
效 果

- 可高速连接超高强度钢板和铝型材
- 无需对钢板、铝型材进行预开孔加工

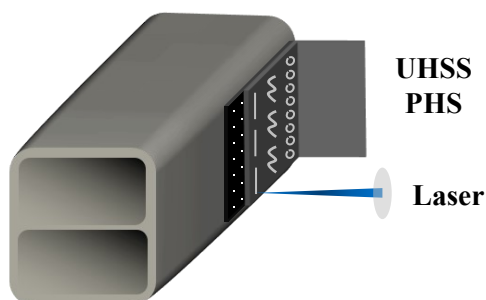
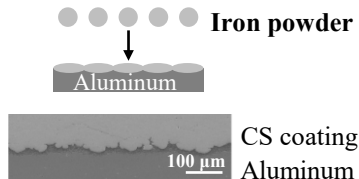
重 点

技术概要

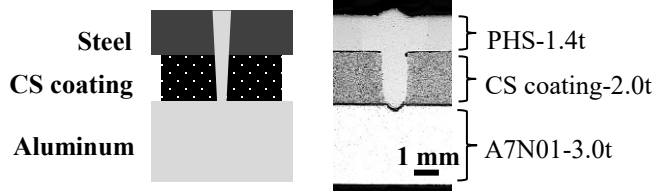
Aluminum
extrusion



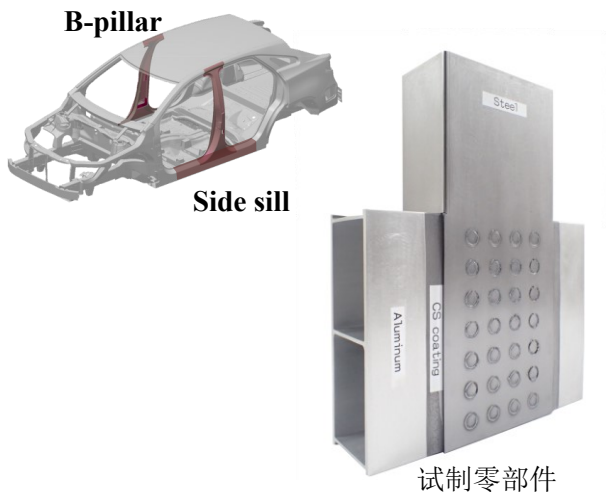
Cold spray (CS)



Laser welding



适用部位



接头性能

钢板: PHS-1.4t、铝板: A7N01-3t (with CS-2t)
热源: 纤维激光、功率: 5 kW、焊接速度: 4 m/min

