ARC STUD LOCATION TEMPLATE & BUSHING DESIGN

ARC STUD WELD INSPECTION (VISUAL)

The MIDWEST FASTENERS ARC stud weld can be visually inspected by observing the fillet at the base of the stud. The illustrations and comments below will assist you in visually judging the quality of the weld.

**GOOD WELD**
Full, even, shiny fillet all around stud.

**HOT WELD**
Very shiny, low profile fillet extending beyond outside of ferrule.

**COLD WELD**
Small, uneven, dull appearing fillet with fingers of metal extending through vents of ferrule.

**SHORT PLUNGE OR HANG-UP**
No fillet, no stud burn-off, or undercut base.

**MISALIGNMENT**
Partial or no fillet, undercut, stud not perpendicular to base metal.