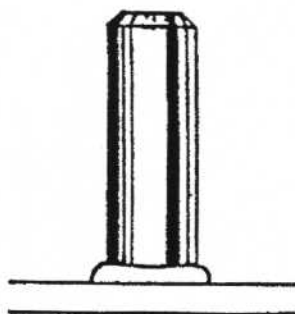


ARC STUD LOCATION TEMPLATE & BUSHING DESIGN

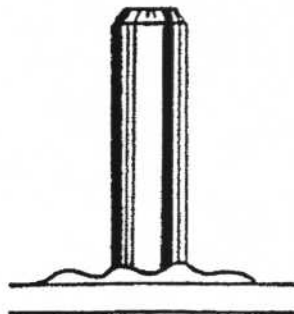
ARC STUD WELD INSPECTION (VISUAL)

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.



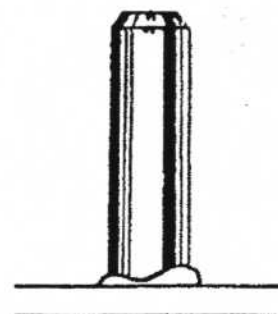
GOOD WELD

Full, even, shiny fillet all around stud.



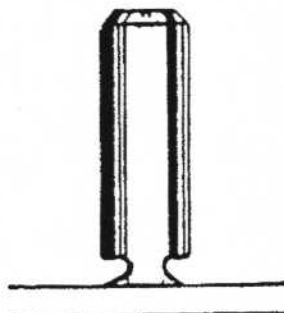
HOT WELD

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



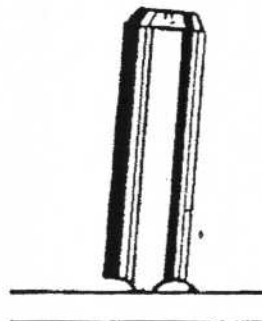
COLD WELD

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.

ARC STUD WELD TESTING (PHYSICAL)

(See CD STUD WELD TESTING)

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