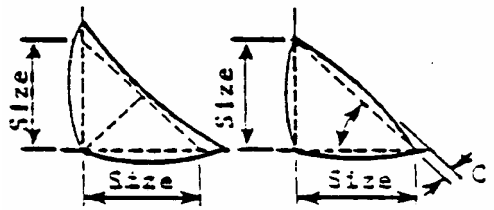
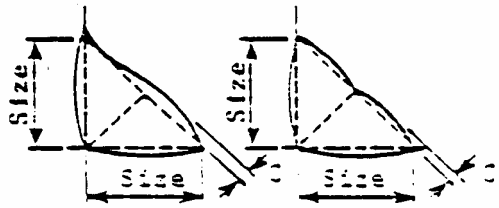
NON-CODE
WELD PROFILES AND SIZES

Desirable Fillet Weld Profiles

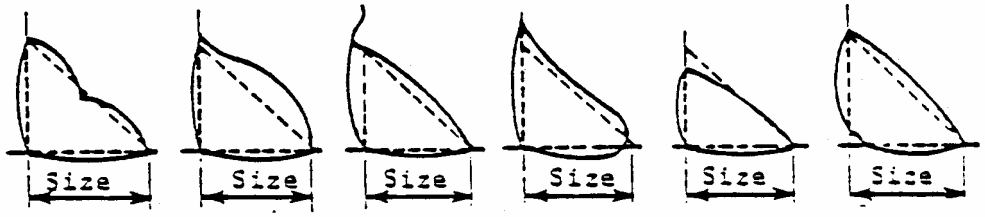


Acceptable Fillet Weld Profiles



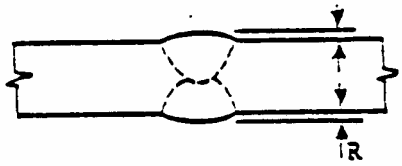
Convexity (C) shall not exceed 0.1 actual size – 0.03 inches.

Unacceptable Fillet Weld Profiles



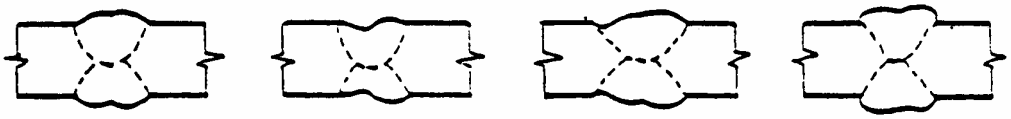
Insufficient Throat | Excessive Convexity | Excessive Undercut | Overlap | Insufficient Leg | Incomplete Fusion

Acceptable Butt Weld Profile



Reinforcement R shall not exceed 1/8 in.

Unacceptable Butt Weld Profiles



Excessive Convexity | Insufficient Throat | Excessive Undercut | Overlap