

BASIC ARC & GAS WELDING SYMBOLS

1. In plan or elevation, near, far, and both sides, locations refer to nearest member parallel to plane of drawing and not to others farther behind.
2. In section or end views only, when weld is not drawn, the side to which arrow points is considered near side.
3. Welds on both sides are of same size unless otherwise shown.
4. Symbols govern to break in continuity of structure or to extent of hatching or dimension lines.
5. Tail of arrow used for specification reference.
6. All welds are continuous and of user's standard proportions and all except V-grooved and bevel-grooved welds are closed unless otherwise shown.
7. When welds are drawn in section or end views, obvious information is not given by symbol.
8. In joints in which one member only is to be grooved, arrows point to that member.

BASIC WELD SYMBOLS									
Back	Fillet	Plug or Slot	GROOVE OR BUTT						
			Square	V	Bevel	U	J	Flare V	Flare Bevel

SUPPLEMENTARY WELD SYMBOLS						
Backing	Spacer	Weld All-Around	Field Weld	CONTOUR		See AWS A2.4 for a detailed review of standard welding symbols
				Flush	Convex	

BASIC ARC & GAS WELDING SYMBOLS, CONT'D.

NOTE:

1. Size, weld symbol, length of weld and spacing must read in that order from left to right along the reference line. Neither orientation of reference line nor location of the arrow alter this rule.
2. The perpendicular leg of ∇ , \sphericalangle , \sphericalangle , \sphericalangle weld symbols must be at left.
3. Arrow and other side welds are of the same size unless otherwise shown. Dimensions of fillet welds must be shown on both the arrow side and other side symbol.
4. The point of the field weld symbol must point toward the tail.
5. Symbols apply between abrupt changes in direction of welding unless governed by the "All Around" symbol or otherwise dimensioned.

