

# AMERICAN WELDING SOCIETY Welding Symbol Chart

Basic Welding Symbols and Their Location Significance								
Location Significance	Fillet	Plug or Slot	Spot or Projection	Stud	Seam	Back or Backing	Surfacing	Edge
Arrow Side								
Other Side				Not Used			Not Used	
Both Sides		Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	
No Arrow Side or Other Side Significance	Not Used	Not Used		Not Used		Not Used	Not Used	Not Used
Location Significance	Groove							Bevel for Brazed Joint
	Square	V	Bevel	U	J	Flare-V	Flare-Bevel	
Arrow Side								
Other Side								
Both Sides								
No Arrow Side or Other Side Significance		Not Used	Not Used	Not Used	Not Used	Not Used	Not Used	Not Used
Supplementary Symbols				Location of Elements of a Welding Symbol				
Weld-All Around	Fillet Weld	Melt-Thru	Consumable Insert					
Backing Spacer (Rectangular)	Contour							
	Flush	Convex	Concave					
<b>Basic Joints</b> Identification of Arrow Side and Other Side Joint				<p>Where process abbreviations are to be included in the tail of the welding symbol, reference is made to Table 1, Designation of Welding and Allied Processes by Letters, of ANS/AWS A2-4-98.</p> <p style="text-align: right;">American Welding Society 550 N.W. LeJeune Road Miami, Florida 33126</p>				
Butt Joint		Corner Joint						
T-Joint	Lap Joint	Edge Joint	Process Abbreviations					