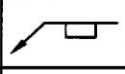
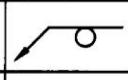
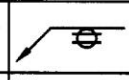
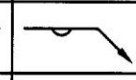
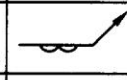
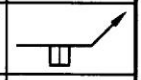
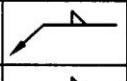
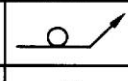
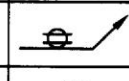
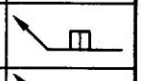
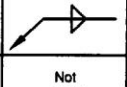
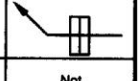
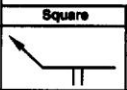
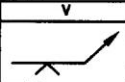
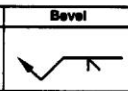
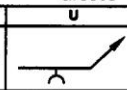
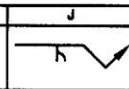
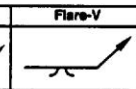
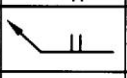
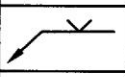
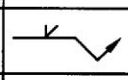
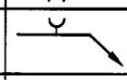
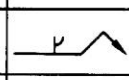
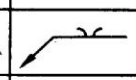
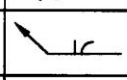
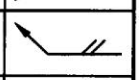
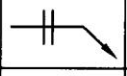
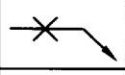
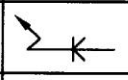
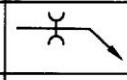
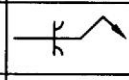
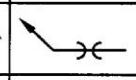
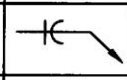
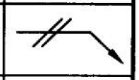
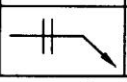
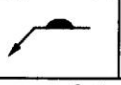
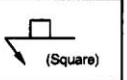
AMERICAN WELDING SOCIETY
Welding Symbol Chart

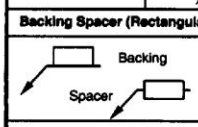
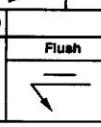
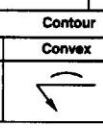
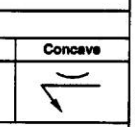
Basic Welding Symbols and Their Location Significance

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							Scarf 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

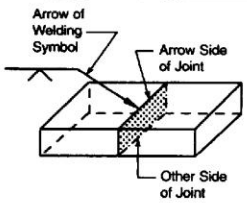
Supplementary Symbols

Weld-All Around	Fillet Weld	Melt-Thru	Consumable Insert
			 (Square)

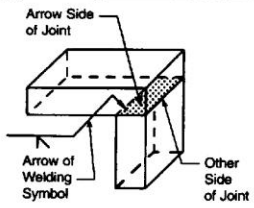
Backing Spacer (Rectangular)	Contour		
 Backing Spacer	Flush	Convex	Concave
			

Basic Joints
Identification of Arrow Side and Other Side Joint

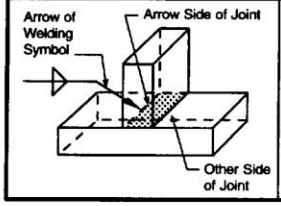
Butt Joint



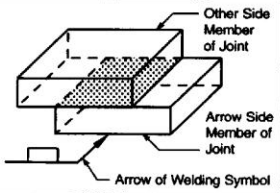
Corner Joint



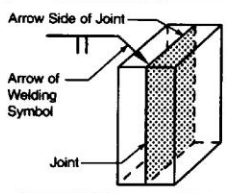
T-Joint



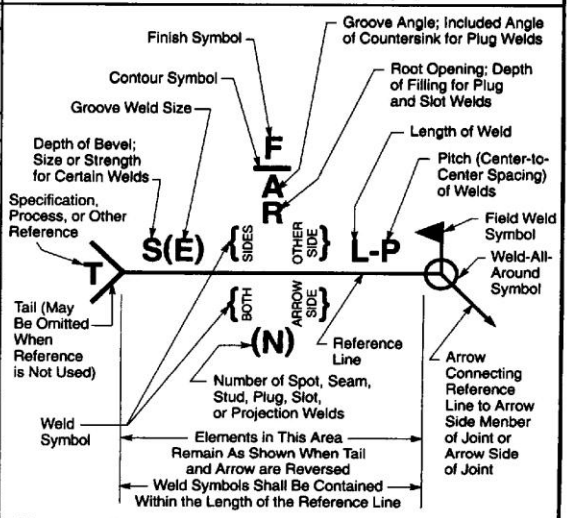
Lap Joint



Edge Joint



Location of Elements of a Welding Symbol



Process Abbreviations

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 ANSI/AWS A2-4-98.

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