

M 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				~ 0	<u>ð</u>	¢ Ŧ				
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	Square			Gro U	ove	J	Flare-V	Flare-Bevel	Scarf for Brazed Joint	
Arrow Side						h V			, - TT-	
Other Side				<u> </u>		<u> </u>				
Both Sides	+	\times	<u>></u> _K_				`	+	#	
No Arrow Side or Other Side Significance	+	Not Used	Not Used	Not Usec	1	Not Used	Not Used	Not Used	Not Used	
Supplementary Symbols						Location of Elements of a Welding Symbol				
Weld-All-Around Field Weld Melt-Thru Consumable Insert						Groove Angle; Included Angle				
Backing/Spac	er (Rectangular)		Contour		Finishing Symbol Contour Symbol Groove Weld Size Contour Symbol Groove Weld Size Contour Symbol Contour Symbol				pening; Depth g for Plug t Welds	
	Backing -	Flush or Flat	or Flat Convex Co		Depth of Bevel; Size or Strength for Certain Welds			Pitch (Center-to- Center Spacing) f Weld Segments		
Space	Basic Joints		Pro		Specification, Process, or Other Reference S(E) $\{ \bigcirc B \\ O \\$					
T Around										
Arrow of Welding Symbol	Arrow S of Joint	ide of Joint Arrow o Welding	Arrow of Welding		Tail (May Be Omitted When Reference is Not Used) Weld Symbol Weld Weld Weld Weld Weld Weld Weld Wel					
	of Joint	Symbol	Symbol of Joint		Vithin the Length of the Edge Joint			e Reference Line		
Arrow of Welding Symbol	Arrow Side of	Joint	Other Side Member of Joint Arrow Side Member of Joint			v of joint	Other	Where letter designations are to be included in the tail of the welding symbol, reference is made to Table 1, Letter Designations of Welding and Allied Processes and Their Variations, of AWS A2.4-98. American Welding Society		
	Othe of Jo	er Side	Arrow of Welding Symbol			11	Side of Joint	550 N.W. LeJeune Road Miami, Florida 33126		



It should be understood that these charts are intended only as shop aids. The only complete and official presentation of the standard welding symbols is in AWS A2.4, Standard Symbols for Welding, Brazing, and Nondestructive Examination.

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