

Typical Welding Symbols

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| <p>Double-Flillet Welding Symbol</p> <p>Labels: Fillet Weld Size, Length, 3/16</p> | <p>Chain Intermittent Fillet Welding Symbol</p> <p>Labels: Pitch (Distance Between Centers of Segments), Fillet Weld Size (Length of Leg), Length of Segments</p> | <p>Staggered Intermittent Fillet Welding Symbol</p> <p>Labels: Fillet Weld Size (Length of Leg), Length of Segments, Pitch (Distance Between Centers of Segments)</p> |
| <p>Plug Welding Symbol</p> <p>Labels: Included Angle of Counterbore, Plug Weld Size (Diameter of Hole at Foot), Pitch (Distance Between Centers of Welds), Depth of Filling (Contusion Indicates Filling is Complete)</p> | <p>Spot Welding Symbol</p> <p>Labels: Back Weld, 2nd Operation, 1st Operation</p> | <p>Backing Welding Symbol</p> <p>Labels: Backing Weld, 1st Operation, 2nd Operation</p> |
| <p>Spot Weld Size</p> <p>Labels: RSW, .025, Number of Welds, Pitch, Process</p> | <p>Stud Welding Symbol</p> <p>Labels: Stud Size, Number of Studs, Pitch</p> | <p>Seam Welding Symbol</p> <p>Labels: Seam Weld Size, Increment Length, Pitch, RSEW, Process</p> |
| <p>Square-Groove Welding Symbol</p> <p>Labels: Groove Weld Size, Root Opening, Process</p> | <p>V-Groove Welding Symbol</p> <p>Labels: Depth of Bevel, Groove Weld Size, Groove Angle, Root Opening</p> | <p>Double-Bevel-Groove Welding Symbol</p> <p>Labels: Groove Weld Size, Groove Weld Size, Arrow Points Toward Member to be Beveled</p> |
| <p>Symbol with Backgouging</p> <p>Labels: Depth of Bevel, Back Gouge</p> | <p>Flare-V-Groove Welding Symbol</p> <p>Labels: Groove Weld Size</p> | <p>Flare-Bevel-Groove Welding Symbol</p> <p>Labels: Groove Weld Size</p> |
| <p>Multiple Reference Lines</p> <p>Labels: 1st Operation On Line Nearest Arrow, 2nd Operation, 3rd Operation</p> | <p>Complete Joint Penetration</p> <p>Labels: CJP</p> | <p>Edge Welding Symbol</p> <p>Labels: Edge Weld Size</p> |
| <p>Flush or Upset Welding Symbol</p> <p>Labels: Process Reference, FH</p> | <p>Melt-Thru Symbol</p> <p>Labels: Root Reinforcement</p> | <p>Joint with Backing</p> <p>Labels: R</p> |
| <p>Joint with Spacer</p> <p>Labels: With Modified Groove Weld Symbol, Double-Bevel Groove</p> | <p>Flush Contour Symbol</p> | <p>Contour Contour Symbol</p> <p>Labels: G</p> |

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 A2.4-98, Standard Symbols for Welding, Brazing, and Nondestructive Examination.

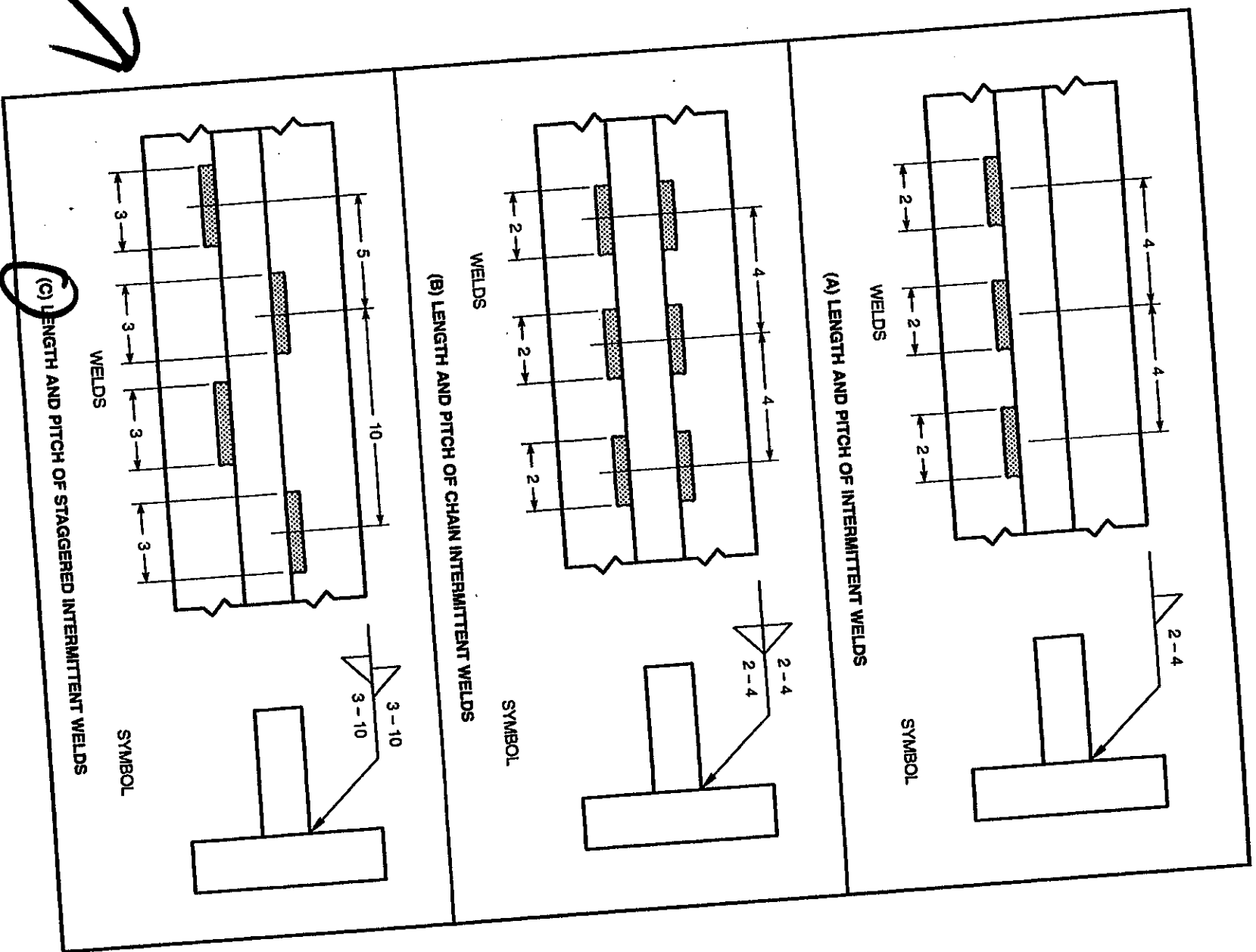


Figure 33—Applications of Intermittent Fillet Weld Symbols