



Note: Weld designations such as C-L2, B-P3, B-U7-S, etc., which are those used in the AWS standards, have been classified using the convention as follows:

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| <p>1. Joint Type</p> <p>B - Butt Joint</p> <p>C - Corner Joint</p> <p>T - Tee Joint</p> <p>BC - Butt or Corner Joint</p> <p>TC - Tee or Corner Joint</p> <p>BTC - Butt, Tee or Corner Joint</p>        | <p>3. Weld Type</p> <p>1 - Square Groove</p> <p>2 - Single-Vee Groove</p> <p>3 - Double-Vee Groove</p> <p>4 - Single-Bevel Groove</p> <p>5 - Double-Bevel Groove</p> <p>6 - Single-U Groove</p> <p>7 - Double-U Groove</p> <p>8 - Single-J Groove</p> <p>9 - Double-J Groove</p> |
| <p>2. Material Thickness and Efficiency</p> <p>L - Limited Thickness - complete joint penetration</p> <p>U - Unlimited Thickness - complete joint penetration</p> <p>P - Partial Joint Penetration</p> | <p>4. Welding Process</p> <p>If not manual shielded metal arc:</p> <p>S - Submerged Arc</p> <p>G - Gas Metal Arc</p> <p>F - Flux Cored Arc</p>   |

## WELDING SYMBOLS

Figure 64-8C