



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:

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

## WELDING SYMBOLS

Figure 64-8C