

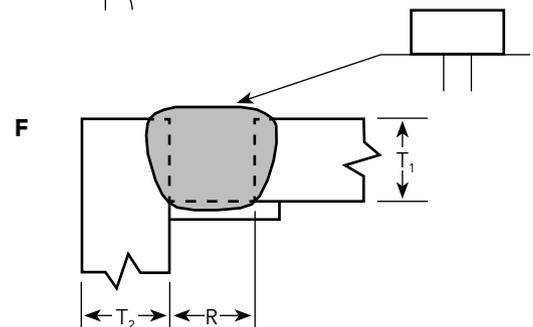
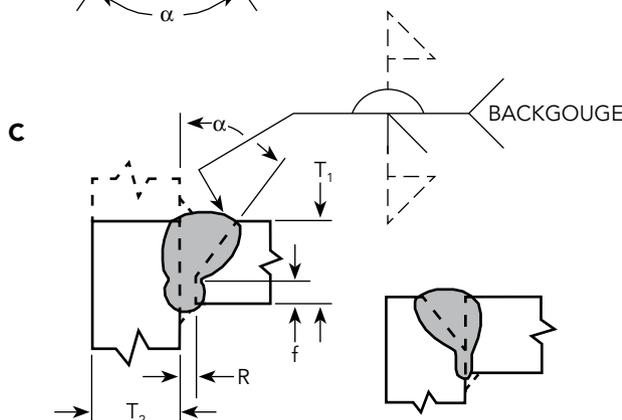
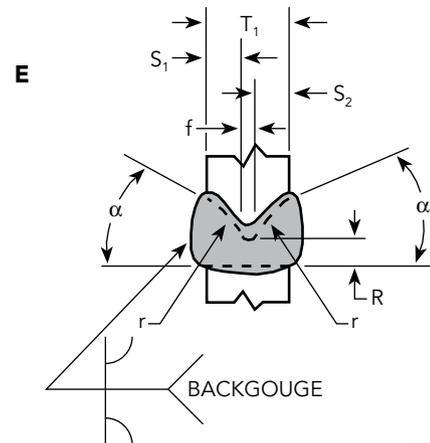
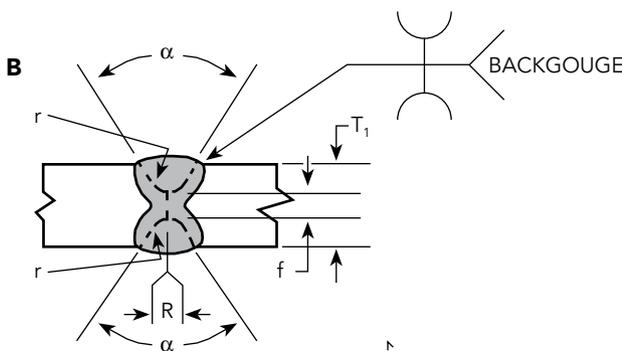
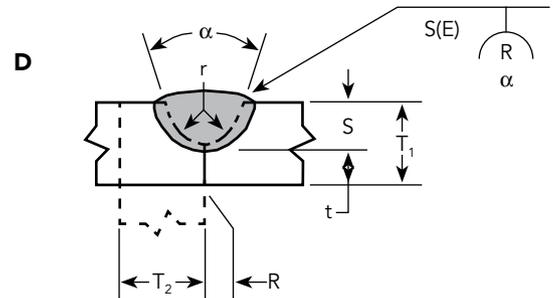
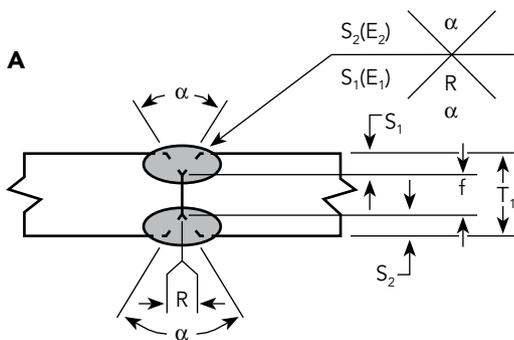
steel quiz

The following information is provided in Table 8-2 of the 14th Edition AISC *Steel Construction Manual*. Use this information to match the joint designations below with the correct joint detail.

Table 8-2: Prequalified Welded Joints			
Symbols for Joint Types			
B	butt joint	BC	butt or corner joint
C	corner joint	TC	T- or corner joint
T	T-joint	BTC	butt, T- or corner joint
Symbols for Base Metal Thickness and Penetration			
L	limited thickness, complete-joint-penetration		
U	unlimited thickness, complete-joint-penetration		
P	partial-joint-penetration		
Symbols for Weld Types			
1	square-groove	6	single-U-groove
2	single-V-groove	7	double-U-groove
3	double-V-groove	8	single-J-groove
4	single-bevel-groove	9	double-J-groove
5	double-bevel-groove	10	flare-bevel-groove

- 1 C-L1a _____
- 2 TC-U4b _____
- 3 B-U7 _____
- 4 B-P3 _____
- 5 BC-P6 _____
- 6 B-U9 _____

TURN PAGE FOR ANSWERS



steel quiz

ANSWERS

Using the information provided in Table 8-2 in Part 8 of the 14th Edition AISC *Steel Construction Manual*, the answers to this month's Steel Quiz questions are:

- | | | | |
|---|---|---|---|
| 1 | F | 4 | A |
| 2 | C | 5 | D |
| 3 | B | 6 | E |



Anyone is welcome to submit questions and answers for Steel Quiz. If you are interested in submitting one question or an entire quiz, contact AISC's Steel Solutions Center at 866.ASK.AISC or at solutions@aisc.org.