



Notes:

1. t = thickness of thinner section.
2. Bevel to feather edge except in transition and heel zones.
3. Root opening: 0 in to 3/16 in [0 mm to 5 mm].
4. Not prequalified for under 30°.
5. Weld size (effective throat) $t_w \geq t$; Z Loss Dimensions shown in Table 10.5.
6. Calculations per 10.2.1 shall be done for leg length less than 1.5 t , as shown.
7. For Box Section, joint preparation for corner transitions shall provide a smooth transition from one detail to another. Welding shall be carried continuously around corners, with corners fully built up and all weld starts and stops within flat faces.
8. See Clause 3 for definition of local dihedral angle, Ψ .
9. W.P. = work point.

Figure 10.6 (Continued)—Prequalified Joint Details for PJP T-, Y-, and K-Tubular Connections (see 10.9.1)