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**Question:** Do the figures shown in Fig. 4-3 and 4-4 need to be strictly followed or are manufacturers allowed to make adaptations in nozzle design like shown in Fig. 4-8?

**Response:** Per ASME PTC 6, the throat-tap nozzle can be either flanged in the flow section, Fig. 4-3, or welded into the flow section, Fig. 4-8. Fig 4-4 shows the recommended design for a throat-tap nozzle in a flanged flow section with no diffuser cone. In the case of a welded design, Fig. 4-4 cannot be strictly followed. However, the shape of the ellipse, location and size of the throat pressure tap in the nozzle throat should be maintained per Fig. 4-4 for a throat-tap nozzle in a welded flow section. On Fig. 4-4, the minor radius of the throat-tap nozzle ellipse is  $\frac{5}{8}$  of the throat diameter (d).