



Plate Products

Triad Plate Products

Triad Plate Product thicknesses are based on ASME B16.48 specification. In July 1993, the American Society of Mechanical Engineers (ASME) B16 Committee gave to its subcommittee C the assignment to convert the API 590 Steel Line Blanks Standard into and ASME Standard. The American Petroleum Institute no longer published the API 590 Standard. Pressure-temperature ratings are those listed in ASME B16.5 for the material groups corresponding to the listed materials in Table 1 of B16.48.

Standard Manufacturing Tolerances

- Outside diameter: (+0.00", -0.0625")
- Inside diameter: (+/- 0.0625")
- Thickness: (per B16.48 tolerances)

Ring Joint dimensions and tolerances are in strict accordance with A.N.S.I. B16.5 and B16.20. Octagonal ring is furnished as standard on Male Ring Joint Plate Products unless oval ring is specified at time of order.

For paddle spacers, the hole diameter in the handle is ½" for 1" wide handles, and ¾" for 1½" wide handles. ASME prohibits the use of indicator or bolt holes in the handles of paddle blanks. However, this option is available if required by purchaser.

One coat of standard shop primer will be applied to all Carbon Steel Plate Products unless otherwise specified.

Standard Materials

- A.S.T.M. A516 GR 70
 - 304 Stainless Steel
 - 316 Stainless Steel
- Other alloys can be furnished upon request.

Standard Finishes

- Smooth Mill: some scale may be apparent
- Serrated: 125 – 250 AARH (3.2 – 6.3 Ra)

Codes of Practice

Triad Plate Products are produced in strict accordance with the following codes of practice:

- A.S.M.E. B16.48
- A.N.S.I. B16.5
- A.N.S.I. B16.20
- A.S.M.E. B16.47 (for larger diameter flanges)

Weights are for carbon steel components.