



Standard Specification for Portable Intermediate Flush Deck Stanchion¹

This standard is issued under the fixed designation F987; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers the design, construction, and installation of intermediate portable flush deck stanchions. Intermediate stanchion is defined as any stanchion that is not an end or corner stanchion.

1.2 Stanchions shall be used on interior and exterior decks, to provide temporary protection to minimize the danger of personnel falling overboard or to a lower level in the ship in areas where the installation of a fixed system would interfere with vessel operations.

1.3 Stanchions may be used with $\frac{3}{8}$ -in. (9.5-mm) galvanized close link chain or wire rope lifelines $\frac{9}{16}$ -in. (14-mm) top course, $\frac{7}{16}$ -in. (11-mm) lower courses.

1.4 This specification covers only the stanchions and does not cover requirements for the chain or wire rope lines to be supported by the stanchion.

1.5 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

1.6 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

2. Referenced Documents

2.1 *ASTM Standards:*²

A106/A106M Specification for Seamless Carbon Steel Pipe for High-Temperature Service

A123/A123M Specification for Zinc (Hot-Dip Galvanized)

¹ This specification is under the jurisdiction of ASTM Committee F25 on Ships and Marine Technology and is the direct responsibility of Subcommittee F25.03 on Outfitting and Deck Machinery.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

Coatings on Iron and Steel Products

A182/A182M Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service

F783 Specification for Staple, Handgrab, Handle, and Stirrup Rung

2.2 *ASME Standards:*³

B16.11 Forged Fittings, Socket-Welding and Threaded

B16.15 Cast Copper Alloy Threaded Fittings: Classes 125 and 250

2.3 *ANSI/AWS Standard:*³

ANSI/AWS D 1.1 Structure Welding Code

2.4 *Code of Federal Regulations:*⁴

Title 46 Shipping, Parts 70 to 89, Subpart 72.40

3. Classification

3.1 Portable flush deck stanchions shall be available in two types:

3.1.1 *Type I*—Two-course portable flush deck stanchions (see Fig. 1).

3.1.2 *Type II*—Three-course portable flush deck stanchions (see Fig. 2).

4. Ordering Information

4.1 Orders for portable flush deck stanchions under this specification shall include the following information:

4.1.1 ASTM designation and year of issue (that is, F987 – 04).

4.1.2 Type.

4.1.3 Quantity.

4.1.4 If socket plug stowage coupling is required.

4.2 Lifelines shall be ordered separately.

5. Materials and Manufacture

5.1 *Materials:*

5.1.1 Pipe for stanchion shall be in accordance with Specification **A106/A106M**, Grade A or B, NPS 1½, Schedule 80, carbon steel.

³ Available from American Society of Mechanical Engineers (ASME), ASME International Headquarters, Two Park Ave., New York, NY 10016-5990, <http://www.asme.org>.

⁴ Available from U.S. Government Publishing Office (GPO), 732 N. Capitol St., NW, Washington, DC 20401, <http://www.gpo.gov>.

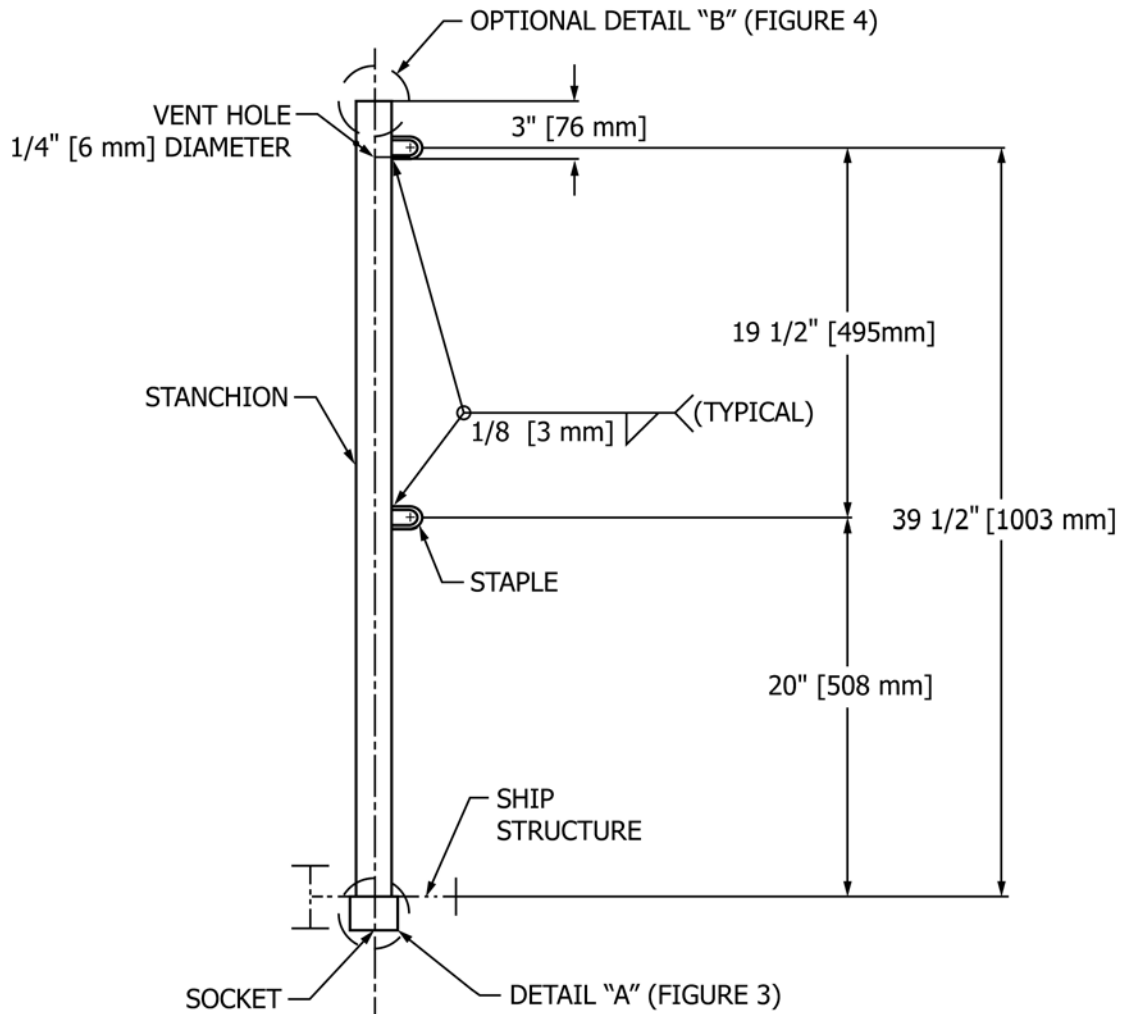


FIG. 1 Type I—Two Course Portable Flush Deck Stanchion

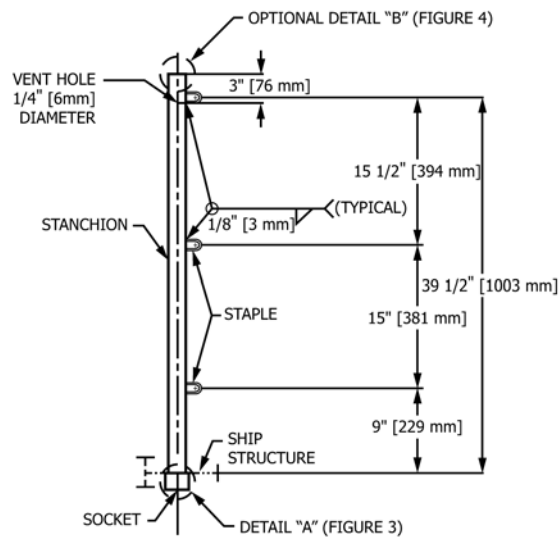


FIG. 2 Type II—Three Course Portable Flush Deck Stanchion

5.1.2 Staple shall be in accordance with Specification F783, Table 1, Type II.