



Standard Specification for Chest of Drawers (Chiffonier), Steel, Marine¹

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1. Scope

1.1 This specification covers the construction of marine chests of drawers (chiffoniers) of steel construction to be used in staterooms and other spaces.

1.2 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.

1.3 *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

A1008/A1008M Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable

D907 Terminology of Adhesives

F825 Specification for Drawers, Furniture, Marine, Steel

F826 Specification for Tops, Furniture, Marine, Steel

2.2 AISI Manual:³

AISI Wire and Sheet Metal Gauges Equivalent Thickness in Decimals of an Inch, U.S. Standard Gauge (USSG) for Uncoated Hot and Cold Rolled Sheets

3. Terminology

3.1 Definitions of Terms Specific to This Standard:

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.

³ Available from American Institute of Steel Construction (AISC), 130 E. Randolph St., Suite 2000, Chicago, IL 60601-6219, <http://www.aisc.org>.

3.1.1 *chest of drawers (chiffonier)*—a chest of drawers with four drawers. All four drawers may be of the same size.

4. Ordering Information

4.1 Orders for items purchased under this specification shall include the following information:

4.1.1 Quantity.

4.1.2 Paint:

4.1.2.1 *Color*—Purchaser shall pick from manufacturer's samples or submit sample chip of color desired.

4.1.2.2 Manufacturer's standard baked enamel will be furnished unless otherwise required and indicated by the purchaser.

4.1.3 Options for Tops:

4.1.3.1 Unless otherwise specified in the ordering documents, the top supplied by the furniture manufacturer may be, at his option, Type I, II, III, or IV in accordance with Specification F826.

4.1.3.2 Color or pattern of top covering material shall be specified.

4.1.4 Options for Drawers:

4.1.4.1 Padlock eyes shall be furnished on each drawer when specified in ordering documents. This security device is normally used in crew living spaces.

4.1.4.2 Drawer locks shall be furnished when specified in ordering documents. Master keying of drawer locks will not be provided unless required and defined by the ordering documents. Instead, each drawer lock will be keyed differently. See Specification F825 for lock description.

4.1.4.3 A security panel between the two middle drawers to provide two secure two-drawer storage areas for two crew members is only furnished when specified in ordering documents. All four drawers in this type chest will be of same size.

4.1.5 If the total weight of the chest of drawers is required, it shall be requested by the purchaser.

5. Materials and Manufacture

5.1 For typical design, see Fig. 1.

5.2 Sheet metal shall be in accordance with Specification A1008/A1008M, commercial quality.

5.2.1 Minimum sheet metal thicknesses shall be:

5.2.1.1 Sides and front rails 0.042 in. (1.06 mm).

5.2.1.2 Back 0.032 in. (0.81 mm).

5.2.1.3 Base frame 0.053 in. (1.34 mm).