

INCH-POUND

MIL-DTL-24704C(SH)

31 July 2019

SUPERSEDING

MIL-DTL-24704B(SH)

4 October 2011

DETAIL SPECIFICATION

FLANGES, FOUR-BOLT, SQUARE, FOR HYDRAULIC SYSTEMS, GENERAL SPECIFICATION FOR

This specification is approved for use by the Naval Sea Systems Command and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the requirements for four-bolt square flanges for use in 3,000 pounds per square inch (lb/in²) hydraulic systems.

1.2 Classification. Flanges are designated by a part or identifying number (PIN), as specified in the applicable specification sheet (see 6.2).

1.2.1 Material requirement. The material requirement is designated by a letter. The material is designated in the applicable specification sheet.

1.2.2 Vent requirement. The vent requirement is designated by a letter. The letter designation and location for the vent port on a given flange is in accordance with the applicable specification sheet.

2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE SPECIFICATIONS

- MIL-DTL-24704/1 - Flanges, Four-Bolt Square, Socket Weld, for Hydraulic Systems
- MIL-DTL-24704/2 - Flanges, Four-Bolt Square, Butt Weld, for Hydraulic Systems
- MIL-DTL-24704/4 - Flanges, Four-Bolt Square, Blind, for Hydraulic Systems
- MIL-DTL-24704/5 - Insert Sleeves, for Four-Bolt Flanges, for Hydraulic Systems

Comments, suggestions, or questions on this document should be addressed to: Commander, Naval Sea Systems Command, ATTN: SEA 05S, 1333 Isaac Hull Avenue, SE, Stop 5160, Washington Navy Yard DC 20376-5160 or emailed to CommandStandards@navy.mil, with the subject line "Document Comment". Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil>.

AMSC N/A

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