

FF-S-111D  
AMENDMENT 1  
JULY 28, 1989

## FEDERAL SPECIFICATION

### SCREW, WOOD

This amendment, which forms a part of Federal Specification FF-S-111D, dated August 27, 1974 is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal Agencies

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##### Paragraph 2.1, Federal Specifications

DELETE: "QQ-S-631 - Steel Bar, Carbon, Hot Rolled (Special Quality)."

DELETE: "QQ-S-634 - Steel Bar, Carbon, Cold Finished (Standard Quality)."

DELETE: "QQ-S-637 - Steel Bar, Carbon, Cold Finished (Standard Quality, Free Machining)."

"DELETE: "QQ-W-405 - Wire Steel, Carbon and Alloy (For Cold Heading and Cold Forging)".

DELETE: "QQ-Z-325 - Zinc Coating, Electrodeposited, Requirements For".

##### Paragraph 2.1, Federal Standards

DELETE: "Fed. Std. No 66 - Steel Chemical Composition and Hardenability

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##### Paragraph 2.2, Other Publications

ADD: "ASTM A108 - Steel Bars, Carbon, Cold Finished Standard Quality  
ASTM A545 - Wire, Steel, Carbon, Cold Heading Quality for Machine Screws  
ASTM A546 - Wire, Steel, Medium High Carbon, Cold Heading Quality for Hexagon Head Bolts  
ASTM A547 - Steel Wire, Alloy, Cold Heading Quality, For Hexagon Head Bolts  
ASTM A548 - Steel Wire, Carbon, Cold Heading Quality, For Tapping or Sheet Metal Screws  
ASTM A549 - Steel Wire, Carbon, Cold Heading Quality, For Wood Screws  
ASTM B633 - Zinc On Iron and Steel, Electrodeposited Coatings of"

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Paragraph 3.1.1

DELETE AND SUBSTITUTE: "3.1.1 Carbon steel. Carbon steel shall be grades 1010 (UNS G10100) thru 1022 (UNS G10220) or grades 1108 (UNS G11080) thru 1118 (UNS G11180) in accordance with ASTM A108, ASTM A545, ASTM A546, ASTM A547, ASTM A548 or ASTM A549 as applicable. Minimum ultimate tensile strength shall be 55,000 psi."

Paragraph 3.1.2

DELETE AND SUBSTITUTE: "3.1.2 Corrosion-resistant steel. Corrosion-resistant steel shall be types 302 (UNS S30200), 303 (UNS S30300), 304 (UNS S30400), 305 (UNS S30500), 316 (UNS S31600) or 384 (UNS S38400) as applicable. Minimum ultimate tensile strength shall be 70,000 psi."

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Paragraph 3.2.4

DELETE AND SUBSTITUTE: "3.2.4 Zinc coating. When specified (see 6.1), carbon steel wood screws shall be electrodeposited zinc coated in accordance with ASTM B633, FeZn5, Type II or mechanically deposited zinc coated in accordance with MIL-C-81562, Type II, Class 3."

MILITARY INTERESTS:

Custodians:

Army - AR  
Navy - YD  
Air Force - 99

Review Activities:

Army - EA, ME  
Navy - OS, SH  
Air Force - 82  
DLA - IS

User Activities:

Army - CE, MI  
Navy - MC

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA-FSS  
COM-NIST

PREPARING ACTIVITY:

Army - AR

DOD Project 5305-1758