

Fed. Std. No. 48  
 CANCELLATION  
 January 27, 1994

FEDERAL STANDARD

TOLERANCES FOR STEEL WROUGHT PRODUCTS,  
 AND FOR CENTRIFUGALLY CAST STEEL

This cancellation is approved by the Commissioner, Federal Supply Service, General Services Administration.

Federal Standard 48B, dated December 31, 1970, is hereby canceled and superseded by ASTM Industry Standards. Future procurement should refer to the appropriate portions of the applicable ASTM Standards; Standard Specification for

- A6/A6M - General Requirements for Rolled Steel Plates, Shapes, Sheet Piling, and Bars for Structural Use
- A20/A20M - General Requirements for Steel Plates for Pressure Vessels
- A29/A29M - Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements for
- A53 - Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless
- A82 - Steel Wire, Plain, for Concrete Reinforcement
- A109 - Steel, Strip, Carbon, Cold-Rolled
- A116 - Zinc-Coated (Galvanized) Steel Woven Wire Fence Fabric
- A121 - Zinc-Coated (Galvanized) Steel Barbed Wire
- A134 - Pipe, Steel, Electric-Fusion (Arc)-Welded (Sizes NPS 16 and Over)
- A135 - Electric-Resistance-Welded Steel Pipe
- A139 - Electric-Fusion (ARC)-Welded Steel Pipe (NPS 4 and Over)
- A185 - Steel Welded Wire Fabric, Plain, for Concrete Reinforcement
- A211 - Spiral-Welded Steel Or Iron Pipe
- A227/A227M - Steel Wire, Cold-Drawn for Mechanical Springs
- A228/A228M - Steel Wire, Music Spring Quality
- A229/A229M - Steel Wire, Oil-Tempered for Mechanical Springs
- A230/A230M - Steel Wire, Oil-Tempered Carbon Valve Spring Quality
- A231/A231M - Chromium-Vanadium Alloy Steel Spring Wire
- A232/A232M - Chromium-Vanadium Alloy Steel Valve Spring Quality Wire
- A252 - Welded and Seamless Steel Pipe Piles
- A263 - Corrosion-Resisting Chromium Steel-Clad Plate, Sheet, and Strip
- A264 - Stainless Chromium-Nickel Steel-Clad Plate, Sheet, and Strip
- A265 - Nickel and Nickel-Base Alloy-Clad Steel Plate
- A308 - Steel Sheet, Long Terme (Lead-Tin Alloy) Coated by the Hot-Dip Process
- A363 - Zinc-Coated (Galvanized) Steel Overhead Ground Wire Strand
- A401/A401M - Steel Wire, Chromium-Silicon Alloy
- A407 - Steel Wire, Cold-Drawn, for Coiled-Type Springs
- A411 - Zinc-Coated (Galvanized) Low-Carbon Steel Armor Wire
- A417 - Steel Wire, Cold-Drawn, for Zig-Zag, Square-Formed, and Sinuous-Type Upholstery Spring Units
- A424 - Steel, Sheet, for Porcelain Enameling
- A450/A450M - General Requirements for Carbon, Ferritic Alloy, and Austenitic Alloy Steel Tubes
- A463 - Steel Sheet, Cold-Rolled, Aluminum-Coated, Type 1 and Type 2
- A474 - Aluminum-Coated Steel Wire Strand
- A475 - Zinc-Coated Steel Wire Strand
- A480/A480M - General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
- A484/A484M - General Requirements for Stainless and Heat-Resisting Steel Bars, Billets, and Forgings
- A491 - Aluminum-Coated Steel Chain-Link Fence Fabric
- A496 - Steel Wire, Deformed, for Concrete Reinforcement
- A497 - Steel Welded Wire Fabric, Deformed, for Concrete Reinforcement
- A500 - Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
- A501 - Hot-Formed Welded and Seamless Carbon Steel Structural Tubing
- A505 - Steel, Sheet and Strip, Alloy, Hot-Rolled and Cold-Rolled, General Requirements for

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

FSC 4710, 9500, 9640

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- A510 - General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel
- A511 - Seamless Stainless Steel Mechanical Tubing
- A519 - Seamless Carbon and Alloy Steel Mechanical Tubing
- A523 - Plain End Seamless and Electric-Resistance-Welded Steel Pipe for High-Pressure Pipe-Type Cable Circuits
- A525 - General Requirements for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process
- A530/A530M - General Requirements for Specialized Carbon and Alloy Steel Pipe
- A539 - Electric-Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines
- A554 - Welded Stainless Steel Mechanical Tubing
- A555/A555M - General Requirements for Stainless and Heat-Resisting Steel Wire and Wire Rods
- A568/A568M - Steel, Sheet, Carbon, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, General Requirements for
- A569/A569M - Steel, Carbon (0.15 Maximum, Percent), Hot-Rolled Sheet and Strip Commercial Quality
- A570/A570M - Steel, Sheet and Strip, Carbon, Hot-Rolled, Structural Quality
- A584 - Aluminum-Coated Steel Woven Wire Fence Fabric
- A585 - Aluminum-Coated Steel Barbed Wire
- A587 - Electric-Welded Low-Carbon Steel Pipe for the Chemical Industry
- A589 - Seamless and Welded Carbon Steel Water-Well Pipe
- A595 - Steel Tubes, Low-Carbon, Tapered for Structural Use
- A606 - Steel, Sheet and Strip, High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled, with Improved Atmospheric Corrosion Resistance
- A607 - Steel, Sheet and Strip, High-Strength, Low-Alloy, Columbium or Vanadium, or Both, Hot-Rolled and Cold-Rolled
- A611 - Steel, Sheet, Carbon, Cold-Rolled, Structural Quality
- A615/A615M - Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
- A616/A616M - Rail-Steel Deformed and Plain Bars for Concrete Reinforcement
- A617/A617M - Axle-Steel Deformed and Plain Bars for Concrete Reinforcement
- A623 - Tin Mill Products, General Requirements
- A625 - Single-Reduced Black Plate
- A711 - Steel Forging Stock

Preparing Activity  
GSA - FSS