



ASTM International Technical Committee A01 on Steel, Stainless Steel and Related Alloys

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Committee A01 Webpage:

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Established: 1898

Number of Members: 1200+

Number of Standards: 490+

Global Participation: 44 Countries represented

The standards are available in: *Volumes 01.01 – 01.06 in the Annual Book of ASTM Standards*

Meetings: A01 meets twice each year, in May and November

SCOPE:

The promotion of knowledge, the stimulation of research, and the development of specifications, test methods, terminology, and other types of standards relating to cast or wrought steels, stainless steels and related alloys and ferrous alloys.

Areas of Interest: The Committee's interest includes the following materials: carbon and alloy steels, tool steels, tin mill products, corrosion and heat-resistant alloys, super-strength alloys, and clad steels. The Committee, unless specifically requested by the Chairman of the Committee having prime responsibility, is not concerned with materials which are the interest to Committees; A06 on Magnetic Properties, B02 on Nonferrous Metals and Alloys, B04 on Metallic Materials for Thermostats and for Electrical Resistance, Heating, and Contacts; and F04 on Surgical Implants.

The Committee specifically excludes the following areas of interest:

- Aluminum-coated, zinc-coated, or terne-coated steel products covered by Committee A05.
- Alloys in those forms for which the principal use results from specifically controlled electrical resistance, thermal expansion, or magnetic characteristics which pertain to electrical resistance devices, electrical contacts, thermostats, and electrical steel.
- Materials for surgical implants.

Policy on Material Specification Coverage: The material specifications prepared by the Committee are available for use by producers and users anywhere in the world. To maintain a practical limit to the amount of committee effort, the Committee will prepare and administer specifications within its expertise. Requests for new specifications or standards or for new grades or types of material should be supported by a regulatory body, a code-writing body or a member of ASTM.

KEY DOCUMENTS:

- A240 / A240M Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
- A370 Standard Test Methods and Definitions for Mechanical Testing of Steel Products
- A380 Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
- A967 Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts
- MNL53 Steel Forgings: Design, Production, Selection, Testing, and Application





LIST OF A01 SUBCOMMITTEES:

- A01.01 Steel Rails and Accessories
- A01.02 Structural Steel for Bridges, Buildings, Rolling Stock and Ships
- A01.03 Steel Rod and Wire
- A01.05 Steel Reinforcement
- A01.06 Steel Forgings and Billets
 - A01.06.01 Power Generation and Pressure Vessel Forgings
 - A01.06.02 General Industrial Forging
 - A01.06.03 Test Methods and Recommended Practices
- A01.09 Carbon Steel Tubular Products
- A01.10 Stainless and Alloy Steel Tubular Products
- A01.11 Steel Plates for Boilers and Pressure Vessels
- A01.13 Mechanical and Chemical Testing and Processing Methods of Steel Products and Processes
- A01.14 Methods of Corrosion Testing
- A01.15 Bars
- A01.17 Flat-Rolled and Wrought Stainless Steel
- A01.18 Castings
- A01.19 Steel Sheet and Strip
- A01.20 Tin Mill Products
- A01.22 Steel Forgings and Wrought Fittings for Piping Applications and Bolting Materials for Piping and Special Purpose Applications
 - A01.22.01 Bolting
 - A01.22.02 Welding Fittings
 - A01.22.03 Forgings
- A01.27 Steel Chain
- A01.28 Bearing Steels
- A01.29 Tool Steels
- A01.90 Executive
 - A01.90.01 Financial Oversight
- A01.91 Editorial
- A01.92 Terminology
- A01.93 Awards
- A01.94 U.S. Government Requirements for Steel Mill and Foundry Products
- A01.95 USA Committee for International Standardization of Steel
- A01.97 Harmonization of Carbon and Alloy Steel Compositions

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