



NZSSDA

Typical standards for Stainless steels

American (ASTM) standards for stainless steels for general applications:

www.astm.org/Standard/standards-and-publications

Std Number	Title
General	
ASTM A450	Specification for General Requirements for Carbon, Ferritic Alloy, and Austenitic Alloy Steel Tubes
ASTM A480	Specification for General Requirements for Flat-Rolled Stainless And Heat-Resisting Steel Plate, Sheet and Strip
ASTM A484	Specification for General Requirements for Stainless Steel Bars, Billets, and Forgings
ASTM A555	Specification for General Requirements for Stainless Steel Wire and Wire Rods
ASTM A999	Specification for General Requirements for Alloy and Stainless Steel Pipe
ASTM A1016	Specification for General Requirements for Ferritic Alloy Steel, Austenitic Alloy Steel and Stainless Steel Tubes
Flat Products	
ASTM A167	Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet and Strip
ASTM A176	Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip
ASTM A666	Specification For Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar
ASTM A693	Specification for Precipitation-Hardening Stainless And Heat-Resisting Steel Plate, Sheet and Strip
Long Products	
ASTM A276	Specification for Stainless Steel Bars and Shapes
ASTM A314	Specification for Stainless Steel Billets and Bars for Forging
ASTM A493	Specification for Stainless Steel Wire and Wire Rods for Cold Heading and Cold Forging
ASTM A564	Specification for Hot-Rolled And Cold-Finished Age-Hardening Stainless Steel Bars and Shapes
ASTM A565	Specification for Martensitic Stainless Steel Bars, Forgings, and Forging Stock for High Temperature Service
ASTM A582	Specification for Free Machining Stainless Steel Bars
Tubes & Pipes	
ASTM A182	Specification for Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
ASTM A268	Specification for Seamless and Welded Ferritic Stainless Steel Tubing for General Service
ASTM A269	Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
ASTM A312	Seamless and Welded Austenitic Stainless Steel Pipe
ASTM A358	Electric Fusion Welded Austenitic Chromium Nickel Alloy Steel Pipe for High Temperature Service
ASTM A403	Specification for Wrought Austenitic Stainless Steel Piping Fittings
ASTM A409	Specification for Welded Large Diameter Austenitic Steel Pipe for Corrosive or High Temperature Service
ASTM A511	Specification for Seamless Stainless Steel Mechanical Tubing
ASTM A554	Specification for Welded Stainless Steel Mechanical Tubing

ASTM A632	Specification for Seamless and Welded Austenitic Stainless Steel Tubing (Small-Diameter) for General Service
ASTM A731	Specification for Seamless and Welded Ferritic Stainless Steel Pipe
ASTM A789	Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service
ASTM A790	Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe
ASTM A813	Specification for Single or Double Welded Austenitic Stainless Steel Pipe
ASTM A814	Specification for Cold Worked Welded Austenitic Stainless Steel Pipe

Forgings

ASTM A473	Specification for Stainless Steel Forgings
ASTM A705	Specification for Age Hardening Stainless and Heat Resisting Steel Forgings

Castings

ASTM A297	Specification for Steel Castings, Iron-Chromium and Iron-Chromium-Nickel, Heat-Resistant for General Application
ASTM A743	Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel, Corrosion Resistant, for General Application
ASTM A744	Standard Specification for Castings, Iron-Chromium-Nickel, Corrosion Resistant, for Severe Service
ASTM A890	Standard Specification for castings, iron-chromium-nickel-molybdenum corrosion-resistant, duplex (austenitic/ferritic) for general application

European Standards for stainless steels for general applications - www.en-standard.eu

EN 10088-1	List of stainless steels
EN 10088-2	Technical delivery conditions for sheet/plate and strip for corrosion resisting steels for general purposes
EN 10088-3	Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products for corrosion resisting steels for general purposes
EN 10095	Heat resisting steels and nickel alloys
EN 10028-7	Flat products made of steels for pressure purposes – Stainless steels
EN 10296-2	Welded circular steel tubes for mechanical and general engineering purposes – Technical delivery conditions – Stainless steel
EN 10297-2	Seamless circular steel tubes for mechanical and general engineering purposes – Technical delivery conditions – Stainless steel
EN 10216-5	Seamless steel tubes for pressure purposes – Technical delivery conditions – Stainless steel tubes
EN 10217-7	Welded steel tubes for pressure purposes – Technical delivery conditions – Stainless steel tubes

Australian standards - <https://infostore.saiglobal.com>

AS 1528.1	Stainless steel tubes and tube fittings for food processing and hygienic applications - Tubes
AS 1528.2	Stainless steel tubes and tube fittings for food processing and hygienic applications – Screwed tube couplings
AS 1528.3	Stainless steel tubes and tube fittings for food processing and hygienic applications – Butt weld tube fittings
AS 1528.4	Stainless steel tubes and tube fittings for food processing and hygienic applications – Clamp tube fittings