



Designation: F 1314 – 9501

Standard Specification for Wrought Nitrogen Strengthened– 22 Chromium – 12.53 Nickel – 5 Manganese – 2.5 Molybdenum Stainless Steel Alloy Bar and Wire for Surgical Implants (UNS S20910)¹

This standard is issued under the fixed designation F 1314; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers the chemical, mechanical, and metallurgical requirements for wrought nitrogen strengthened– 22 chromium – 12.53 nickel – 5 manganese – 2.5 molybdenum stainless steel alloy bar and wire ~~(except suture wire)~~ ~~used for the manufacture of surgical implants.~~

1.2 The values stated in inch-pound units are to be regarded as the standard. ~~The values in parentheses are for information only.~~
SI equivalents of the inch-pound units may be approximate.

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This specification is under the jurisdiction of ASTM Committee F-4 F04 on Medical and Surgical Materials and Devices and is the direct responsibility of Subcommittee F04.12 on Metallurgical Materials.

Current edition approved ~~March 15, 1995~~; Oct. 10, 2001. Published ~~May 1995~~; February 2002. Originally published as F 1314 – 90. Last previous edition F 1314 – 905.