



Designation: F 562 – 002

Standard Specification for Wrought 35Cobalt-35Nickel-20Chromium-10Molybdenum Alloy for Surgical Implant Applications (UNS R30035)¹

This standard is issued under the fixed designation F 562; 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 requirements of wrought 35cobalt-35nickel-20chromium-10molybdenum alloy (UNS R30035) in the form of bars and wires, used for the manufacture of surgical implants. This alloy depends on combinations of work-strengthening, and work-strengthening and aging to attain a variety of combinations of strength and ductility.

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

2. Referenced Documents

2.1 ASTM Standards:

A 751 Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products²

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

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*A Summary of Changes section appears at the end of this standard.