



Designation: F 1537 – 9400

Standard Specification for Wrought Cobalt - 28Chromium - 6Molybdenum Alloys for Surgical Implants (UNS R31537, UNS R31538, and UNS R31539)¹

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1. Scope

1.1 This specification covers the ~~material requirements of for three~~ wrought cobalt - 28chromium - 6molybdenum alloys used for surgical implants. ~~Material conforming to this specification has been evaluated for biocompatibility and corrosion resistance and has been found to be comparable to material conforming to Specification F 75. The properties specified in this specification apply specifically to wrought bar product, bar, rod, and wire.~~

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:

¹ This specification is under the jurisdiction of ASTM Committee F4 F04 on Medical and Surgical Materials and Devices and is the direct responsibility of Subcommittee F04.12 on Metallurgical Materials.

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