



Designation: F 75 – 9801

Standard Specification for Cobalt-28 Chromium-6 Molybdenum Casting Alloy Castings and Cast Products Casting Alloy for Surgical Implants (UNS R30075)¹

This standard is issued under the fixed designation F 75; 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~~ provides the requirements for cobalt-28 chromium-6 molybdenum casting alloy in ~~shot, bar, or ingot form~~ unfinished investment product castings for surgical implant ~~applications~~.

1.2 This specification also describes the chemical analysis requirements for investment castings produced from the applications and casting alloy described in the form of shot, bar, or ingots to be used in the manufacture of surgical implants. This specification ~~is~~ does not ~~concerned with any other specific requirements or recommendations for investment castings~~.

1.3 Requirements for powder produced apply to completed surgical implants made from the alloy described in this specification ~~are provided in Specification F 1377~~.

1.4 ~~The~~ castings.

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

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