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ASTM B446-84 STANDARD SPECIFICATION FOR NICKEL-CHROMIUM-MOLYBDENUM-COLUMBIUM ALLOY (UNS NO6625) ROD AND BAR

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Abbreviation

ASTM B446-84

Valid from

16/03/1984

Information provider

IHS Markit

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF, Hard copy

Cited By

[This resource is cited by 1 document \(show Citations\)](#)

Description

This specification covers nickel-chromium-molybdenum-columbium (UNS N06625), nickel-chromium-molybdenum-silicon alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650) in the form of hot-worked rod and bar and cold-worked rod.

UNS N06625 products are furnished in two grades of different heat-treated conditions:

- Grade 1 (Annealed)-Material is normally employed in service temperatures up to 1100°F (593°C).
- Grade 2 (Solution Annealed)-Material is normally employed in service temperatures above 1100°F (593°C) when resistance to creep and rupture is required.

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- [ANSI/ASME B16.5: 1988](#)

ASTM B446-84 is cited by ANSI/ASME B16.5: 1988 Pipe flanges and flanged fittings, steel-nickel alloy and other special alloys

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