ASTM B564-86A STANDARD SPECIFICATION FOR NICKEL ALLOY FORGINGS

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Abbreviation
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Description

The nickel-iron-chromium alloys are UNS N08120, UNS N08800, UNS N08810, and UNS N08811.

Alloy UNS N08800 is normally employed in service temperatures up to and including 1100°F (593°C).

Alloys UNS N08810, N08120, and UNS N08811 are normally employed in service temperatures above 1100°F (593°C) where resistance to creep and rupture is required, and are annealed to develop controlled grain size for optimum properties in this temperature range.

Nickel-iron-chromium-tungsten alloy UNS N06674 is normally employed in service temperatures above 1100°F (593°C) where resistance to creep and rupture is required, and is annealed to develop optimum properties in this temperature range.

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- ANSI/ASME B16.5: 1988

  ASTM B564-86A is cited by ANSI/ASME B16.5: 1988 Pipe flanges and flanged fittings, steel-nickel alloy and other special alloys

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