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ASTM A105/A105M-87 Standard specification for forgings, carbon steel, for piping components

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Abbreviation

ASTM A105/A105M-87

Valid from

28/08/1987

Information provider

IHS Markit

Author

American Society for Testing and Materials

Information type

ASTM Standard

Format

PDF & Hard copy

Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

Description

This specification covers forged carbon steel piping components for ambient and higher temperature service in pressure systems.

Included are flanges, fittings, valves, and similar parts to specified dimensions or to dimensional standards such as those ANSI and API specifications that are referenced in Section 2.

Forgings made to this specification are limited to a maximum weight of 4540 kg.

Tubesheets and hollow cylindrical forgings for pressure vessel shells are not included within the scope of this specification.

Although this specification covers some piping components machined from rolled bar and seamless tubular products, it does not cover raw material produced in these product forms.

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- [AS/NZS 4331.3:1995](#)

ASTM A105/A105M-87 is cited by AS/NZS 4331.3:1995 (R2016) Metallic flanges - Copper alloy and composite flanges

- [BS EN 1759-1:2004](#)

ASTM A105/A105M-87 is cited by BS EN 1759.1:2004 Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, class-designated. Steel flanges, NPS 1/2 to 24.

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