

INCONEL 702, ALLOY 702, UNS N07702

Introduction :

Inconel 702 is a nickel-chromium alloy with an addition of aluminum that makes this grade to produce high resistant to oxidation at temperatures up to 2400 °F. At high temperatures the alloy has good strength. Up to 1500 °F age hardening improves the strength. Alloy 720 is useful in furnace components and afterburner liners. Inconel 720 can be hardened through heat treatment and cold working.

Products Available in forms :

- INCONEL 702, ALLOY 702, UNS N07702 Plates
- INCONEL 702, ALLOY 702, UNS N07702 Pipes
- INCONEL 702, ALLOY 702, UNS N07702 Round Bar
- INCONEL 702, ALLOY 702, UNS N07702 Tube
- INCONEL 702, ALLOY 702, UNS N07702 Flanges
- INCONEL 702, ALLOY 702, UNS N07702 Wire
- INCONEL 702, ALLOY 702, UNS N07702 Fittings

Standard Available in forms :

- AMS 5550

Chemical Composition

	INCONEL 702	ALLOY 702	UNS N07702
Carbon	0.10max	0.10max	0.10max
Manganese	1.00max	1.00max	1.00max
Chromium	14.0-17.0	14.0-17.0	14.0-17.0
Silicon	0.70max	0.70max	0.70max
Sulfur	0.010max	0.010max	0.010max
Aluminum	2.75-3.75	2.75-3.75	2.75-3.75
Titanium	0.25-1.00	0.25-1.00	0.25-1.00
Cobalt	1.00max	1.00max	1.00max
Copper	0.50max	0.50max	0.50max
Iron	2.00max	2.00max	2.00max

Mechanical Properties

	INCONEL 702	ALLOY 702	UNS N07702
Ultimate Tensile strength, ksi	130	130	130
0.2% Offset Yield Strength, ksi	95	95	95
Elongation %	35	35	35
Hardness, RC	25	25	25

Applications

- Inconel 702 is mainly used in jet engine heat exchangers.



9/A, 9th Floor, Mehta Mehal,
15th Mathew Road, Opera House,
Charni Road, Mumbai - 400 004, India.

web: www.aesteiron.com
email: info@aesteiron.com

Tel: +91-22-67776700 - 6799 - 6777



© 2019-20. The content on this website is owned by Registrant of domain www.aesteiron.com, Do not copy any content (including images) without prior written consent. Manufacturer, Stockholder, Suppliers, Traders, Wholesaler, Dealer, Distributor, Importer, Exporter, Stockiest of Alloy Steel PipeTubes, Stainless Steel Pipe Tube & Carbon Steel Pipe Tube