

# WNR 1.4982, UNS S21500

## Introduction :

Aesteiron continues to expand its product line in UNS S21500 to meet the emerging customer needs, and whereas Aesteiron Steels Pvt. Ltd. is ISO 9001 : 2008 Certified, ASPL has a great Projects in this grade in all parts of the world with renowned suppliers presenting the wide range of services. We pride ourselves in the quality of our products, our competitive pricing and our exceptional customer service. We have been recognized for our outstanding customer service in satisfaction surveys of top- ranked mills in india and all over the world. ASPL, with iron and steel as its main business, manufactures premium steel products with high technologies and a high added value and fosters three major product categories, namely carbon steel, stainless steel and special steel. Through our worldwide marketing network, these premium products not only satisfy the demand on the domestic market but are also exported to more than forty countries and regions in Asia, Africa, Europaand America, extensively applied to various. We are a highly qualified by our customers worldwide as a sustainable and trustwothy to meet their requestand need at the right time and the right time and the right area. We strive and stand committed to maintain this respectable position by catering to the requirements of our customers in the best possible way leaving no room for complaints.

## Products Available

### in forms :

- WNR 1.4982, UNS S21500 Plates
- WNR 1.4982, UNS S21500 Pipes
- WNR 1.4982, UNS S21500 Round Bar
- WNR 1.4982, UNS S21500 Tube
- WNR 1.4982, UNS S21500 Flanges
- WNR 1.4982, UNS S21500 Wire
- WNR 1.4982, UNS S21500 Fittings

## Chemical Composition

	WNR 1.4982	UNS S21500
Carbon	0.06-0.15	0.06-0.15
Silicon	0.20-1.20	0.20-1.20
Manganese	5.50-7.50	5.50-7.50
Phosphorus	0.040max	0.040max
Sulfur	0.030max	0.030max
Chromium	14.0-16.0	14.0-16.0
Nickel	9.0-11.0	9.0-11.0
Molybdenum	0.80-1.20	0.80-1.20

## Standard Available

### in forms :

- ASTM A959 / ASME SA959
- ASTM A276 / ASME SA276
- ASTM A312 / ASME SA312
- ASTM A632 / ASME SA632
- ASTM A176 / ASME SA176
- ASTM A580 / ASME SA580

## Mechanical Properties

	WNR 1.4982	UNS S21500
Ultimate Tensile Strength, ksi	540 min	540 min
0.2% Offset Yield Strength, ksi	270 min	270 min
Elongation in 2 inches, %	35 min	35 min
Reduction in Area, %	-	-
Hardness, Rockwell B	-	-

## Applications

- Chemical equipment
- Mechanical parts used in the condition of corrosion resistance
- Bolt and nut
- Pressure vessel

HEAT TREATMENT REGIME	
ANNEALING	√
QUENCHING	√
TEMPERING	√
NORMALIZING	√
Q & t	√



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