

# Duplex 2304, UNS S32304, WNR 1.4362

## Introduction :

Aesteiron continues to expand its product line in UNS S32202 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, Europa and America, extensively applied to various. We are highly qualified by our customers worldwide as a sustainable and trustwothy to meet their request and 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 :

- Duplex 2304, UNS S32304, WNR 1.4362 Plates
- Duplex 2304, UNS S32304, WNR 1.4362 Pipes
- Duplex 2304, UNS S32304, WNR 1.4362 Round Bar
- Duplex 2304, UNS S32304, WNR 1.4362 Tube
- Duplex 2304, UNS S32304, WNR 1.4362 Flanges
- Duplex 2304, UNS S32304, WNR 1.4362 Wire
- Duplex 2304, UNS S32304, WNR 1.4362 Fittings

## Chemical Composition

	Duplex 2304	UNS S32304	WNR 1.4362
			0.03max
			2.50max
			0.040max
			0.030max
			1.00max
			21.50-24.50
			2.00-5.00
			0.05-0.06
Molybdenum	0.05-0.06	0.05-0.06	0.05-0.06
Nitrogen	0.05-0.20	0.05-0.20	0.05-0.20
Iron	Bal	Bal	Bal

## Standard Available

### in forms :

- ASTM A240 / ASME SA240
- ASTM A276 / ASME SA276
- ASTM A480 / ASME SA480
- ASTM A789 / ASME SA789
- ASTM A790 / ASME SA790

## Mechanical Properties

	Duplex 2304	UNS S32304	WNR 1.4362
Ultimate Tensile Strength, ksi(Mpa)	110(758)	110(758)	110(758)
0.2% Offset Yield Strength, ksi(Mpa)	65(448)	65(448)	65(448)
Elongation %	30min	30min	30min





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