

voestalpine HIGH PERFORMANCE METALS

AISI 304 / 1.4301 / UNS30400

DESCRIPTION

304 austenitic stainless steel offers good strength and good corrosion resistance. 304 is the most versatile, and the most widely applied of the 300 series commonly known as 18/8 Stainless Steel.

NEAREST STANDARDS

AISI	DIN	BS	UNS
304	1.4301 / X5CrNi18-10	304S15	S30400

CHEMICAL ANALYSIS (AVE %)

C	Si	Mn	Ni	Cr	Mo	S	P
0.05	0.50	1.40	9.50	18.50	-	<0.030	<0.045

HEAT TREATMENT (RECOMMENDED)

Anneal	1020-1100c. Quench.
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MECHANICAL PROPERTIES (HEAT TREATED)

Tensile Mpa (Rm)	Yield Strength (MPa)	Elongation (%)	Impact Toughness (J)
500-700	190	45	100

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SUPPLY CONDITION

Annealed

SURFACE TREATMENT

Machined

Peeled & Polished

SIZE RANGES

For stocked sizes and to view availability at your local branch, visit the [vHPM Australia Webshop](#)

PERFORMANCE IS IN OUR DNA

voestalpine High Performance Metals is the global market leader in the production of tool steels and one of the world's leading suppliers of high-speed steels, valve steels, special steels, powder metallurgy steels, and nickel-based alloys. We also manufacture die-forged components and large castings from nickel-based alloys and high, medium and low alloy steels.

Customers rely on our key brands of Bohler, Uddeholm and Villares, to set the highest standards of innovation, quality and service across a wide range of industries including automotive, aerospace, consumer electronics and oil & gas. We are fully integrated from steel production through to local customer sales, ensuring we keep our customers One Step Ahead.

EXPLORE WHAT IS POSSIBLE.



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ONE STEP AHEAD.