

MATERIAL NUMBER 1.4324 · CLASS 1.4

1.4324

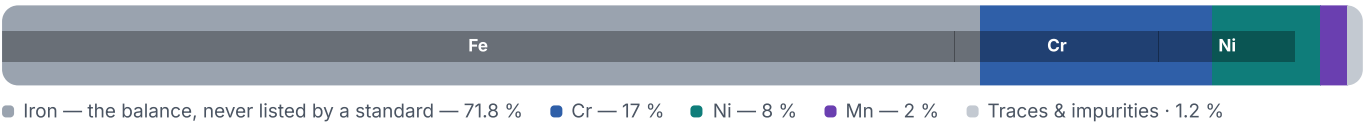
Chemical composition, mechanical and physical property values, and 52 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 52 in 6 regions	PROPERTY VALUES 8 on file
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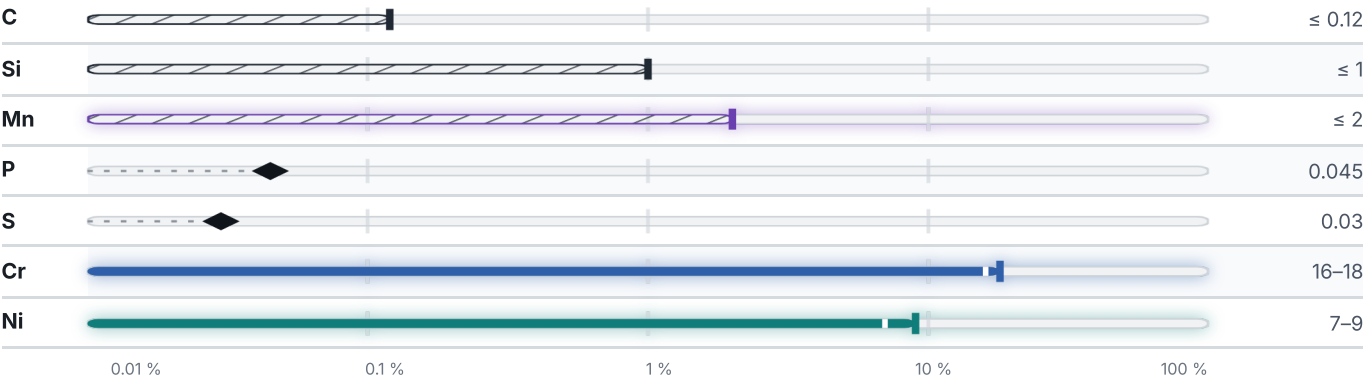
Chemical composition

Mass fraction in %

What this alloy is



Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

52 designations · 4 documented as identical

United States	26	United States / Aerospace	21
S30100	uns	5358	ams
S30200	uns	5500	ams
301	aisi-sae	5515	ams
302	aisi-sae	5516	ams
30301	aisi-sae	5517	ams
30302	aisi-sae	5518	ams
A240	astm	5519	ams
A264	astm	5600	ams
A276	astm	5636	ams
A313	astm	5637	ams
A314	astm	5688	ams
A368	astm	5693	ams
A473	astm	5866	ams
A478	astm	5901	ams
A479	astm	5902	ams
A480	astm	5903	ams
A492	astm	5904	ams
A493	astm	5905	ams
A511	astm	5906	ams
A554	astm	6693	ams
A580	astm	7241	ams
A666	astm		
F1669	astm	Brazil	2
F2215	astm	301	abnt
F599	astm	302	abnt
F899	astm		
		United Kingdom	1
		302S25	bs
		Japan	1
		SUS 302	jis
		China	1
		1Cr18Ni9	gb

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about 1.4324

Quotation, availability, mill certificate or a technical question — directly on the material page.

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DATASHEET ONLINE

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GRADE SEARCH

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ISSUED

Aug 20, 2026