

MATERIAL NUMBER 1.4325 · CLASS 1.4

1.4325

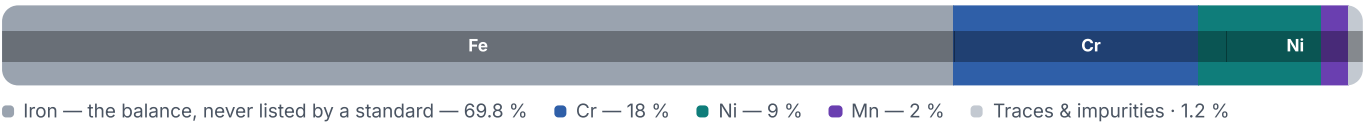
Chemical composition, mechanical and physical property values, and 51 standard designations from 10 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 51 in 10 regions	PROPERTY VALUES 8 on file
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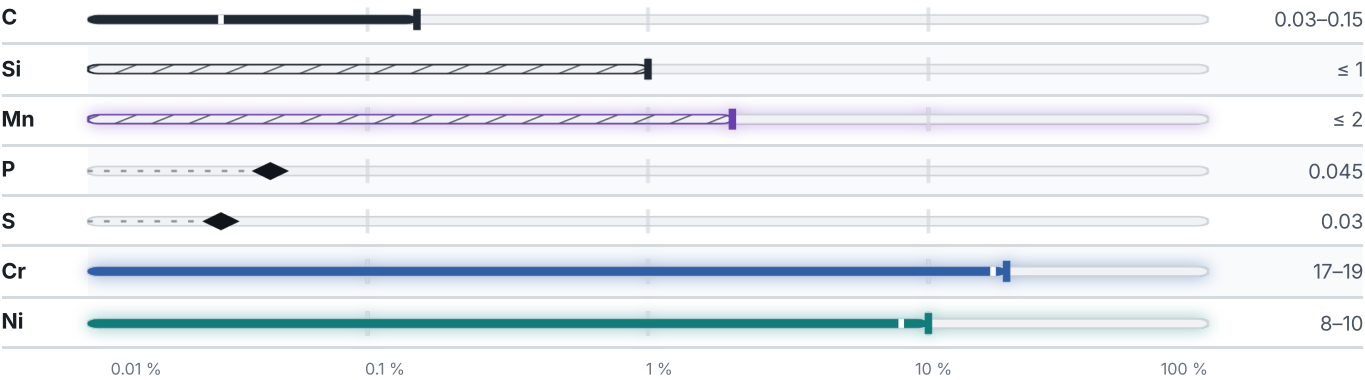
Chemical composition

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.

Mechanical properties

1 values across 1 conditions

SOFT ANNEALED	HB
Soft annealed	215

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

51 designations · 3 documented as identical

United States		23	United Kingdom		2
S30200	This grade's own name	uns	301 S 21		bs
302	This grade's own name	aisi-sae	302S25		bs
30302		aisi-sae	Spain		2
A240		astm	F-3507		une
A264		astm	X10CrNi18-9		une
A276		astm	Japan		2
A313		astm	SUS 301		jis
A314		astm	SUS 302		jis
A368		astm	Russia / CIS		2
A473		astm	12Ch18N9		gost
A478		astm	12Kh18N9		gost
A479		astm	Europe		1
A480		astm	X9CrNi18-9		din-en
A492		astm	China		1
A493		astm	1Cr18Ni9		gb
A511		astm	Poland		1
A554		astm	1H18N9		pn
A580		astm	Brazil		1
A666		astm	302		abnt
F1669		astm			
F2215		astm			
F599		astm			
F899		astm			
United States / Aerospace		16			
5358		ams			
5500		ams			
5515		ams			
5516		ams			
5600		ams			
5636		ams			
5637		ams			
5688		ams			
5693		ams			
5866		ams			
5903		ams			
5904		ams			
5905		ams			
5906		ams			
6693		ams			
7241		ams			

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 1.4325
Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

DATASHEET ONLINE
View the material page

GRADE SEARCH
Search all grades

MATERIAL NO.
1.4325

ISSUED
Aug 20, 2026