

MATERIAL NUMBER 1.4315 · CLASS 1.4

X5CrNiN19-9

Material no. 1.4315

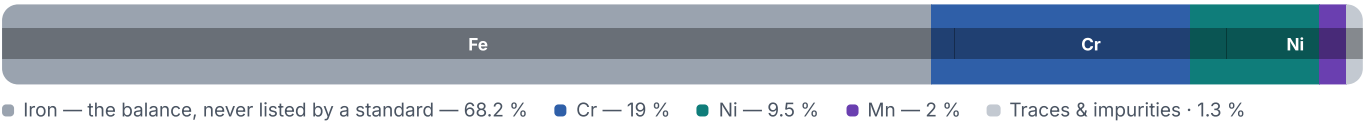
Chemical composition, mechanical and physical property values, and 26 standard designations from 4 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 26 in 4 regions	PROPERTY VALUES 9 on file
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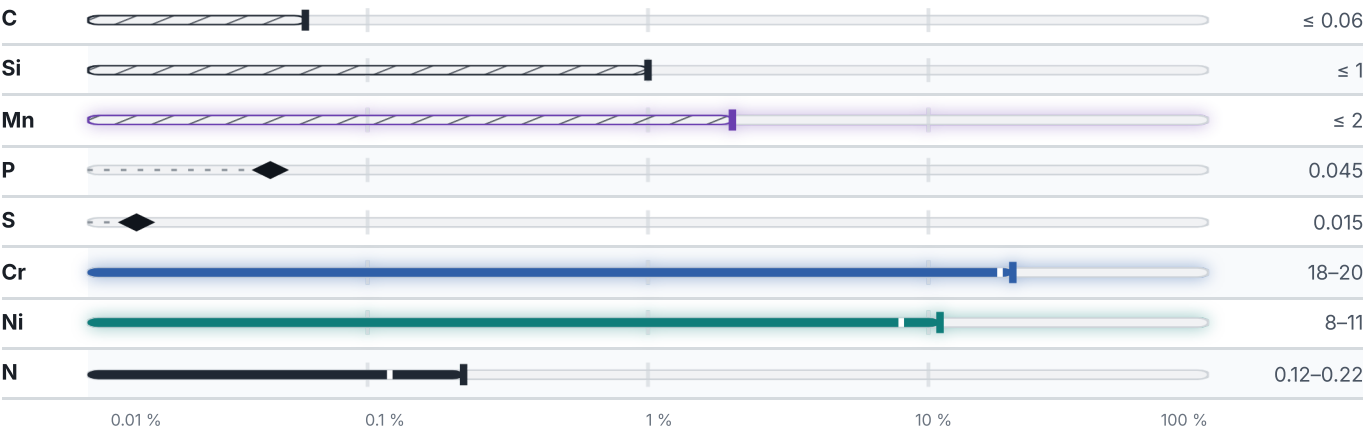
Chemical composition

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			26 designations · 3 documented as identical		
United States		23	Europe		1
S30451	This grade's own name	uns	X5CrNiN19-9	This grade's own name	din-en
304N	This grade's own name	aisi-sae	Japan		1
A1012		astm	SUS 304N1		jis
A182		astm	China		1
A193		astm	0Cr19Ni9N		gb
A194		astm			
A213		astm			
A240		astm			
A249		astm			
A276		astm			
A312		astm			
A358		astm			
A376		astm			
A403		astm			
A479		astm			
A666		astm			
A688		astm			
A813		astm			
A814		astm			
A924		astm			
A943		astm			
A965		astm			
A988		astm			

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 X5CrNiN19-9

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

[Start an enquiry](#)

DATASHEET ONLINE

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GRADE SEARCH

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ISSUED

Aug 20, 2026