

MATERIAL NUMBER 1.4943 · CLASS 1.4

S66545

Material no. 1.4943

also listed as X4NiCrTi25-15

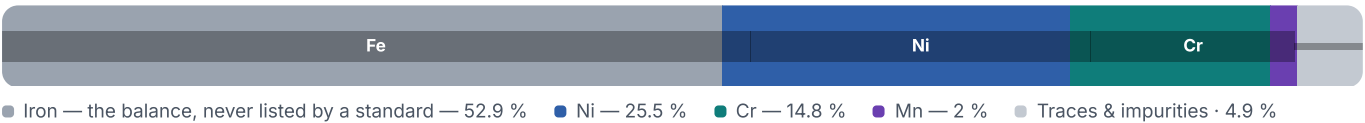
Chemical composition, mechanical and physical property values, and 17 standard designations from 3 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 17 in 3 regions	PROPERTY VALUES 13 on file
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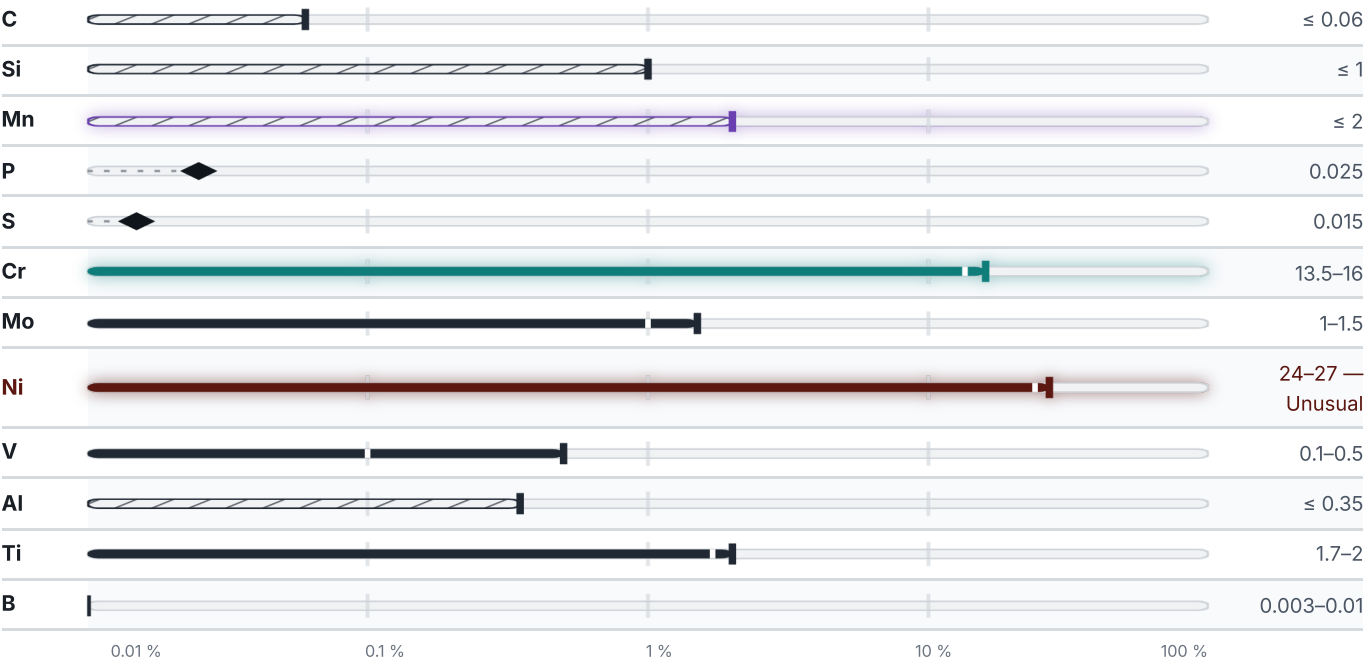
Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

17 designations · 5 documented as identical

United States / Aerospace10		United States5	
5525	ams	S66286	This grade's own nameuns
5723	ams	S66545	This grade's own nameuns
5726	ams	660	This grade's own nameaisi-sae
5731	ams	A453	astm
5732	ams	A638	astm
5734	ams	Europe2	
5737	ams		
5853	ams	X4NiCrTi25-15	This grade's own namedin-en
5858	ams	X4NiCrTiMoV26-15	This grade's own namedin-en
5895	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 S66545

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

[Start an enquiry](#)

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	1.4943	Aug 20, 2026