

MATERIAL NUMBER 1.4923 · CLASS 1.4

X21CrMoNiV12-1

Material no. 1.4923

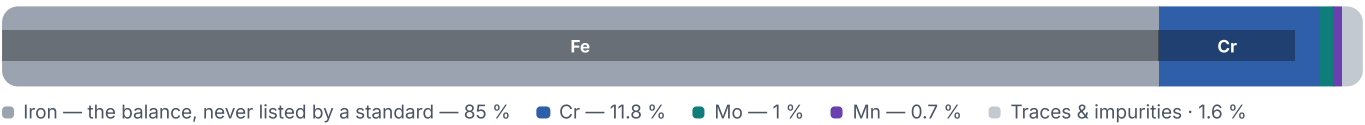
Chemical composition, mechanical and physical property values, and 9 standard designations from 6 regions.

DENSITY 7.7 g/cm ³	OTHER DESIGNATIONS 9 in 6 regions	PROPERTY VALUES 10 on file
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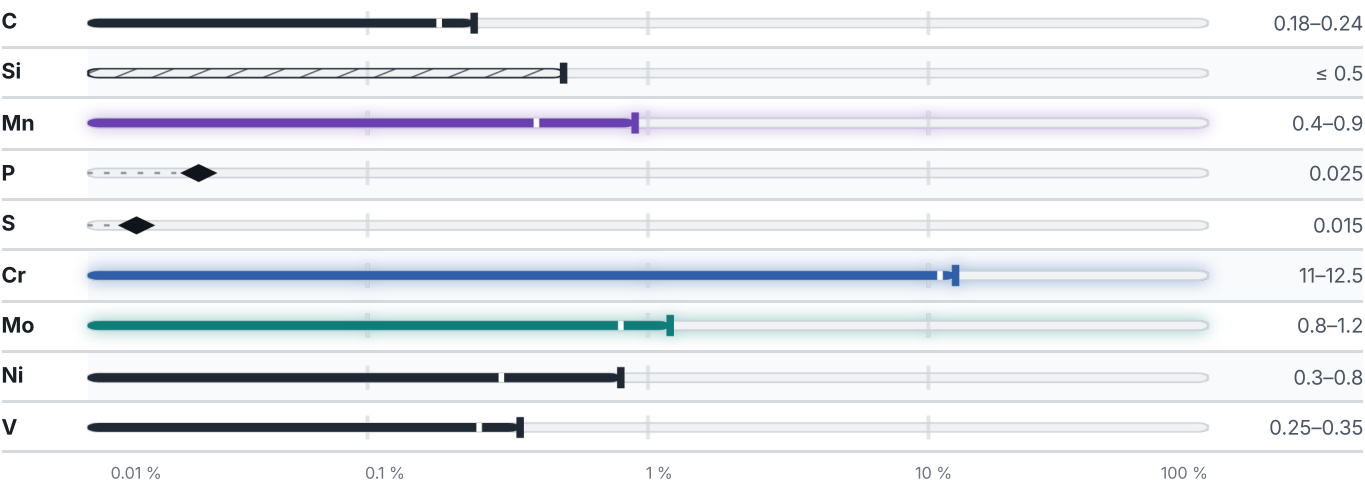
Chemical composition

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.

Mechanical properties

1 values across 1 conditions

SOFT ANNEALED	HB
Soft annealed	302

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.7	g/cm³

Designations across standards

9 designations · 2 documented as identical

Europe	2	United Kingdom	1
X21CrMoNiV12-1	This grade's own name din-en	762	bs
X22CrMoV12-1	This grade's own name din-en	Czechia	1
France	2	17134	csn
Z20CDNbV11	afnor	Slovakia	1
Z21CDV12	afnor	17 134	stn
Poland	2		
20H12MIF	pn		
23H12MNF	pn		

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 X21CrMoNiV12-1

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	1.4923	Aug 20, 2026