

MATERIAL NUMBER 1.6928 · CLASS 1.6

K44220

Material no. 1.6928

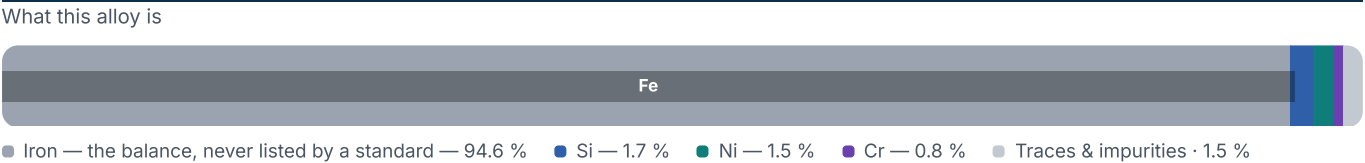
also listed as 41SiNiCrMoV7-6

Chemical composition, mechanical and physical property values, and 7 standard designations from 3 regions.

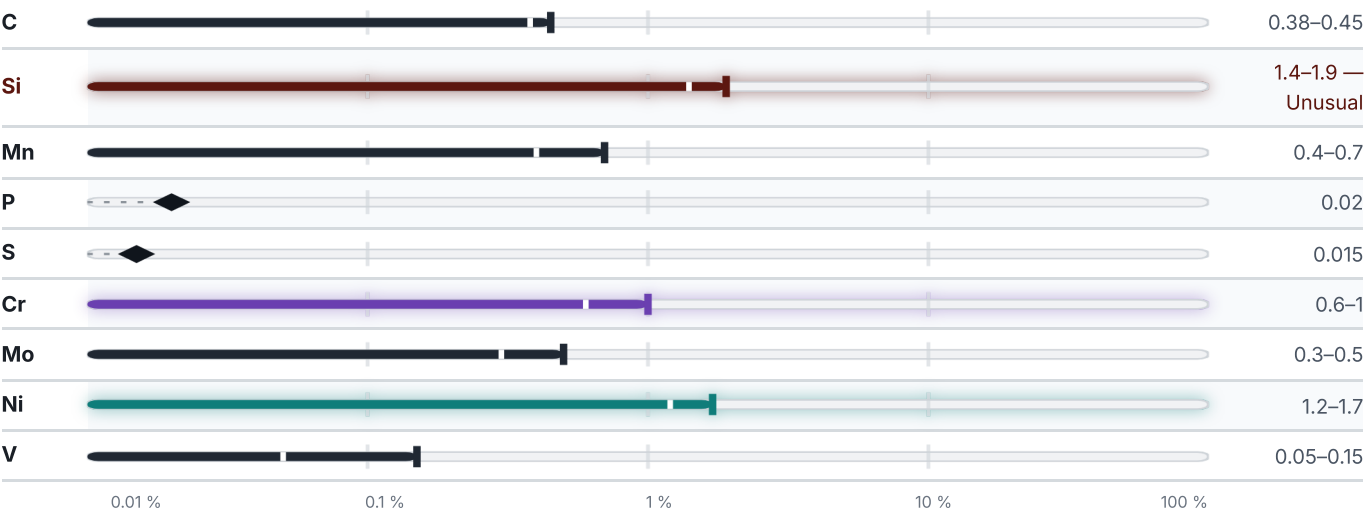
DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 7 in 3 regions	PROPERTY VALUES 10 on file
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Chemical composition

Mass fraction in %



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 properties1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards7 designations · 2 documented as identical

United States	3	United States / Aerospace	3
K44220	This grade's own nameuns	6257	ams
A579	astm	6417	ams
A646	astm	6419	ams
		Europe	1
		41SiNiCrMoV7-6	This grade's own namedin-en

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 K44220

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	1.6928	Aug 20, 2026