

MATERIAL NUMBER 1.2101 · CLASS 1.2

19452

Material no. 1.2101

also listed as 62SiMnCr4

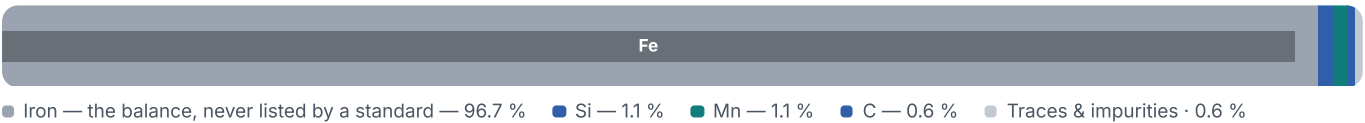
Chemical composition, mechanical and physical property values, and 7 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 7 in 6 regions	PROPERTY VALUES 7 on file
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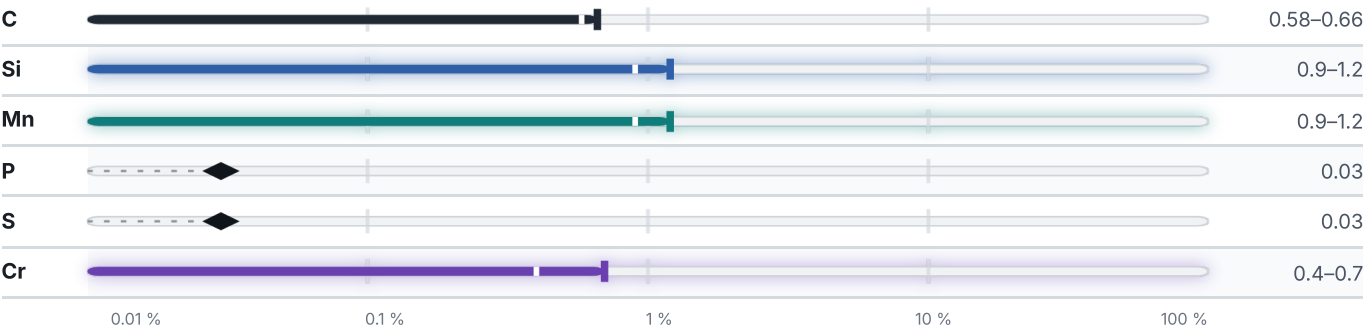
Chemical composition

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: Ni, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

7 designations · 1 documented as identical

Poland	2	Czechia	1
60SG	pn	19452	csn
60SGH	pn		
		Slovakia	1
Europe	1	19 452	stn
62SiMnCr4	This grade's own name din-en		
		Serbia	1
International	1	Č.4231	srps
60MnSiCr4	iso		

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 19452

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

[Start an enquiry](#)

DATASHEET ONLINE

View the material page

GRADE SEARCH

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MATERIAL NO.

1.2101

ISSUED

Aug 20, 2026