

MATERIAL NUMBER 1.1114 · CLASS 1.1

C10D2

Material no. 1.1114

Chemical composition, mechanical and physical property values, and 3 standard designations from 2 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 3 in 2 regions	PROPERTY VALUES 12 on file
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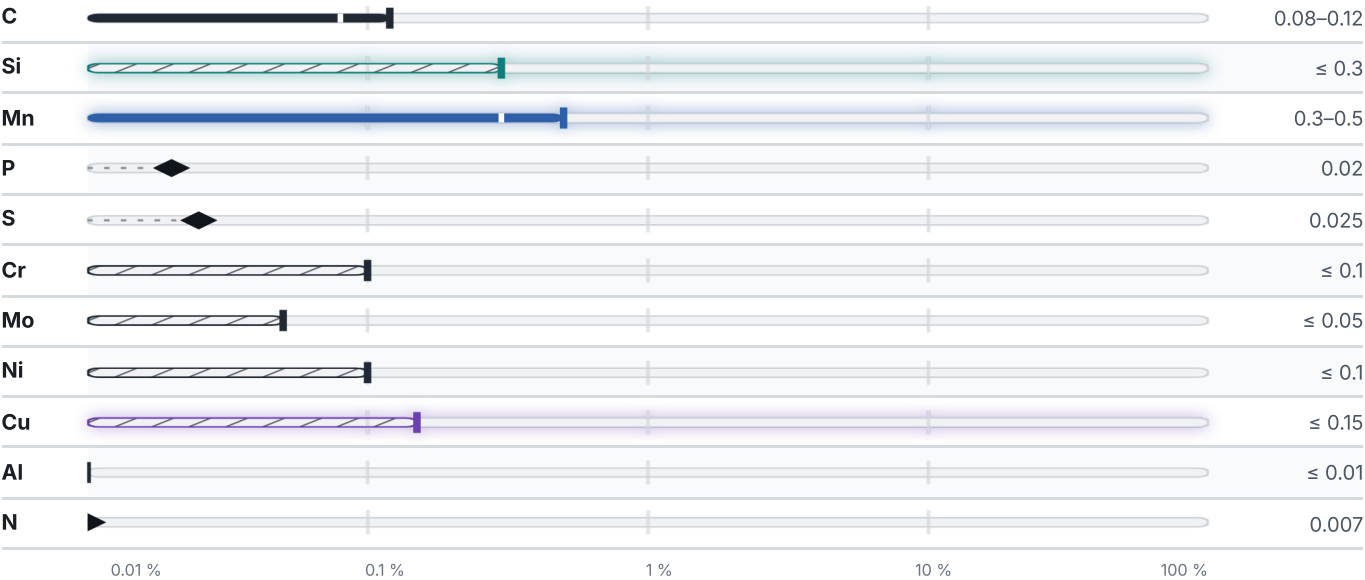
Chemical composition

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

computed from composition · °C

PREDICTED AE3 837 °C	PREDICTED AE1 723 °C	PREDICTED ACM 350 °C	PREDICTED BS 606 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

3 designations · 3 documented as identical

United States	2	Europe	1
G10100 This grade's own name	uns	C10D2 This grade's own name	din-en
1010 This grade's own name	aisi-sae		

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 C10D2

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

[Start an enquiry](#)

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1.1114

ISSUED
Aug 20, 2026