

MATERIAL NUMBER 1.0414 · CLASS 1.0

D 20-2

Material no. 1.0414

also listed as C20D

Chemical composition, mechanical and physical property values, and 4 standard designations from 2 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 4 in 2 regions	PROPERTY VALUES 11 on file
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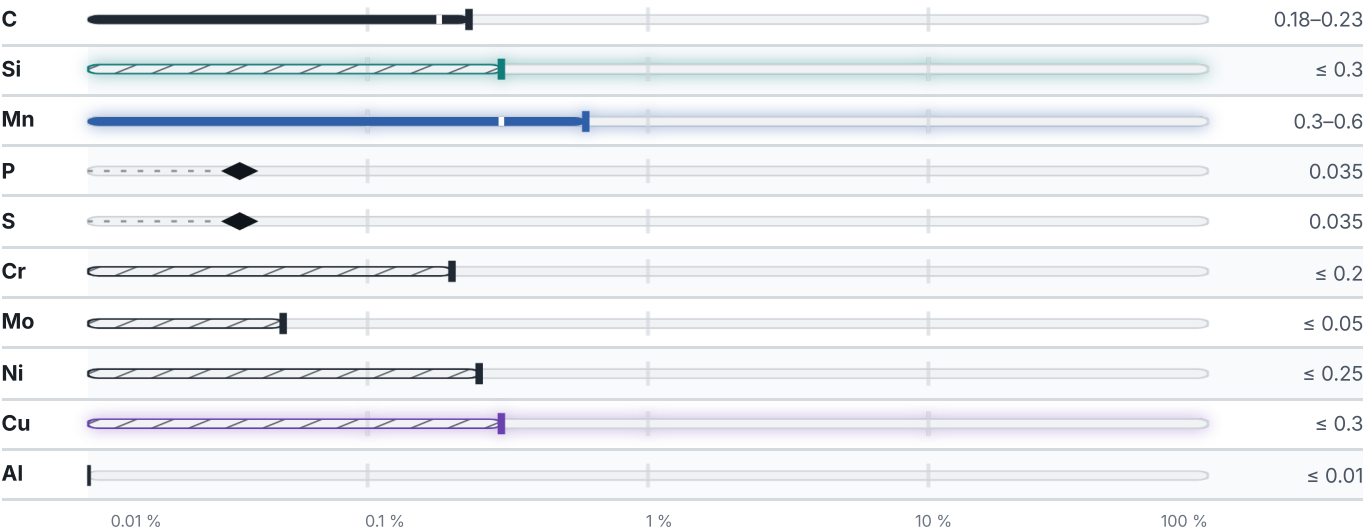
Chemical composition

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 813 °C	PREDICTED AE1 722 °C	PREDICTED ACM 446 °C	PREDICTED BS 590 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

4 designations · 4 documented as identical

Europe2		United States2	
C20D	This grade's own name din-en	G10200	This grade's own name uns
D 20-2	This grade's own name din-en	1020	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 D 20-2

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	1.0414	Aug 20, 2026