

MATERIAL NUMBER 1.2060 · CLASS 1.2

105Cr5

Material no. 1.2060

Chemical composition, mechanical and physical property values, and 27 standard designations from 16 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 27 in 16 regions	PROPERTY VALUES 7 on file
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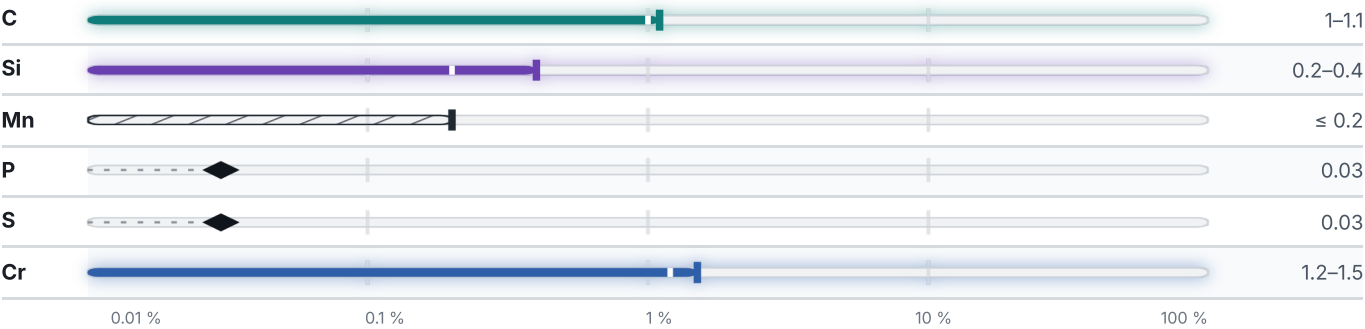
Chemical composition

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

27 designations · 1 documented as identical

Spain	4	Austria	2
F.5212	une	BOHLERK100	onorm
X120Cr12	une	K100	onorm
X210CM2	une	Europe	1
X210Cr12	une	105Cr5 This grade's own name	din-en
United States	3	Japan	1
D3	aisi-sae	SKD1	jis
T30403	aisi-sae	China	1
T30404	aisi-sae	Cr12	gb
France	3	Italy	1
X200CM2	afnor	X205Cr12KU	uni
X200Cr12	afnor	Sweden	1
Z200C12	afnor	2312	ss
United Kingdom	2	Czechia	1
2080	bs	19436	csn
BD3	bs	Poland	1
Russia / CIS	2	NC11	pn
KH12	gost	Romania	1
X12	gost	205Cr115	stas
Bulgaria	2	South Korea	1
Ch12	bds	STD1	ks
X210Cr12	bds		

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 105Cr5

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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ISSUED

Aug 20, 2026