

MATERIAL NUMBER 1.7366 · CLASS 1.7

X16CrMo5-1

Material no. 1.7366

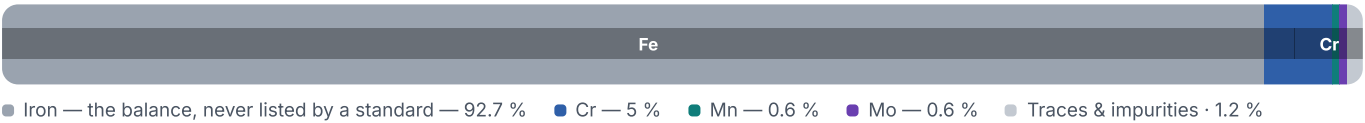
Chemical composition, mechanical and physical property values, and 11 standard designations from 6 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	11 in 6 regions	12 on file

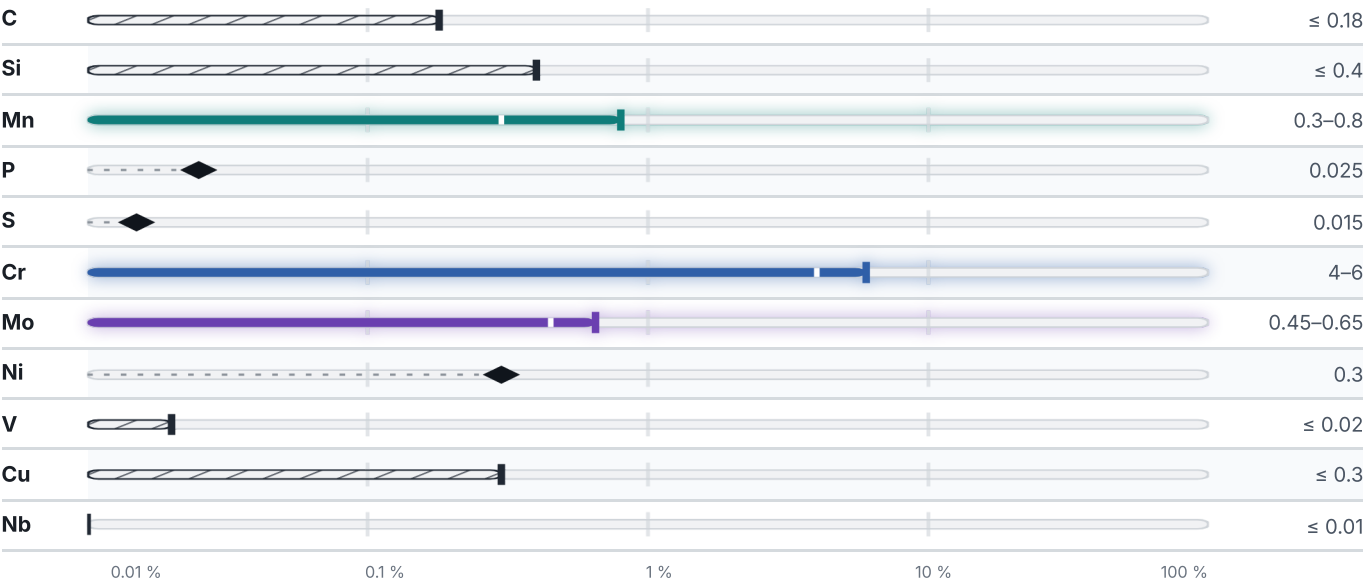
Chemical composition

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

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 properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

11 designations · 2 documented as identical

United States	5	Europe	1
K41545 This grade's own name	uns	X16CrMo5-1 This grade's own name	din-en
A182 grade F5	astm		
A199 grade T5	astm	United Kingdom	1
A200 grade T5	astm	625	bs
A213 grade T5	astm		
Russia / CIS	2	France	1
15Ch5M	gost	Z10CD5-05	afnor
15Kh5M	gost	Poland	1
		H5M	pn

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 X16CrMo5-1

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

[Start an enquiry](#)

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

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ISSUED

Aug 20, 2026