

MATERIAL NUMBER 2.4663 · CLASS 2.4

NiCr22Fe20Mo6Cu2Nb

Material no. 2.4663

also listed as NiCr23Co12Mo

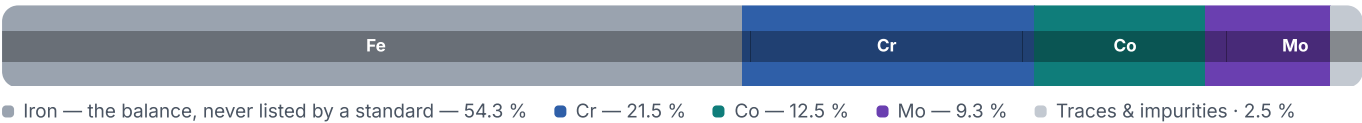
Chemical composition, mechanical and physical property values, and 18 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 18 in 6 regions	PROPERTY VALUES 15 on file
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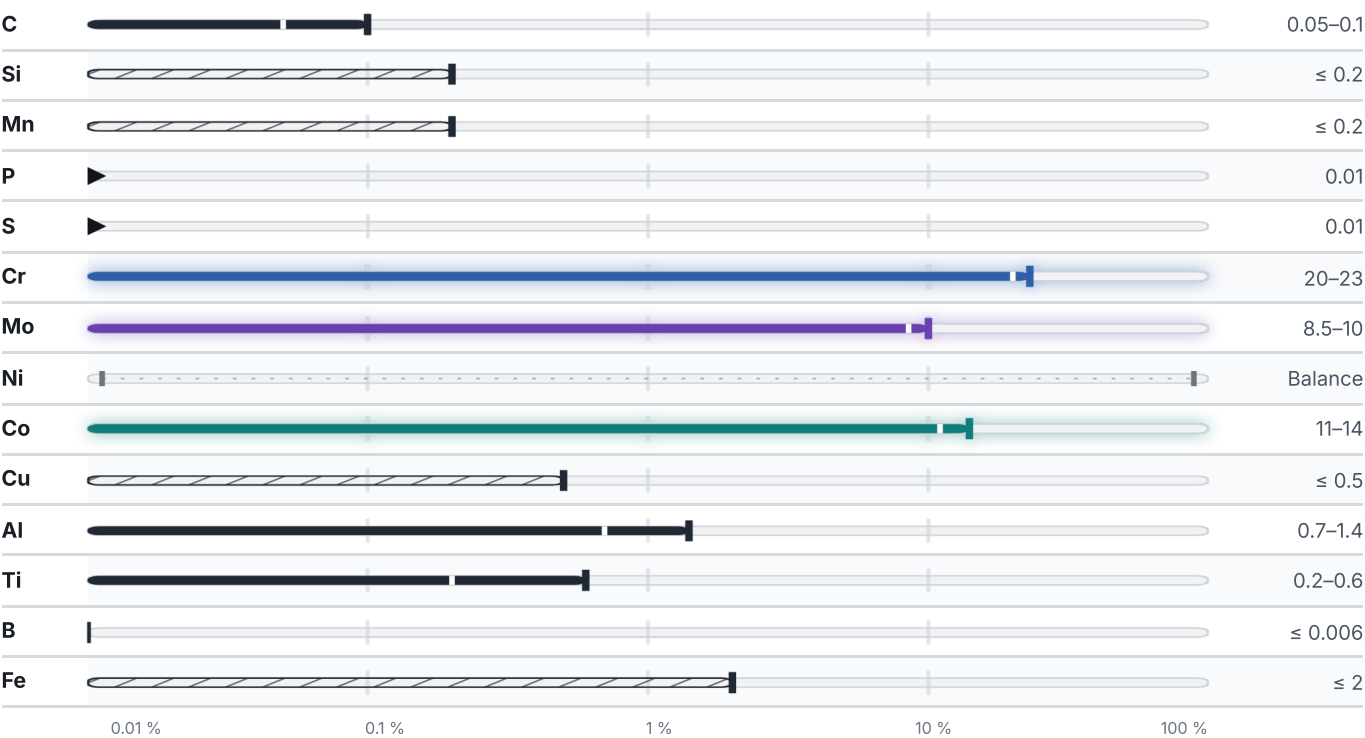
Chemical composition

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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

18 designations · 2 documented as identical

United States	5	China	4
N06617	This grade's own name uns	H06007	gb
B 166	astm	HNS3304	gb
B168	astm	NS3402	gb
B546	astm	W50276	gb
B564	astm		
International	4	United States / Aerospace	3
NiCr22Co12Mo9	iso	5887	ams
NiCr22Fe20Mo6Cu2Nb	iso	5888	ams
NW6007	iso	5889	ams
NW6017	iso	Europe	1
		NiCr23Co12Mo	This grade's own name din-en
		United Kingdom	1
		NA50	bs

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 NiCr22Fe20Mo6Cu2Nb

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	2.4663	Aug 20, 2026