

MATERIAL NUMBER 2.4663 · CLASS 2.4

NiCr23Co12Mo

Material no. 2.4663

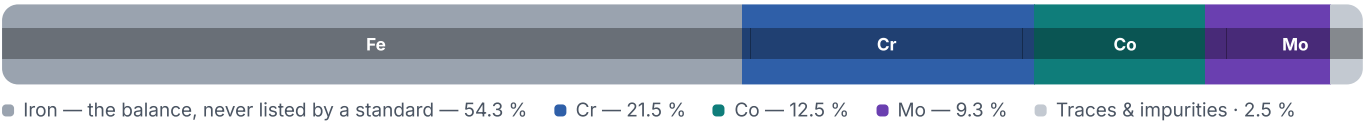
Chemical composition, mechanical and physical property values, and 18 standard designations from 6 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 18 in 6 regions	PROPERTY VALUES 15 on file
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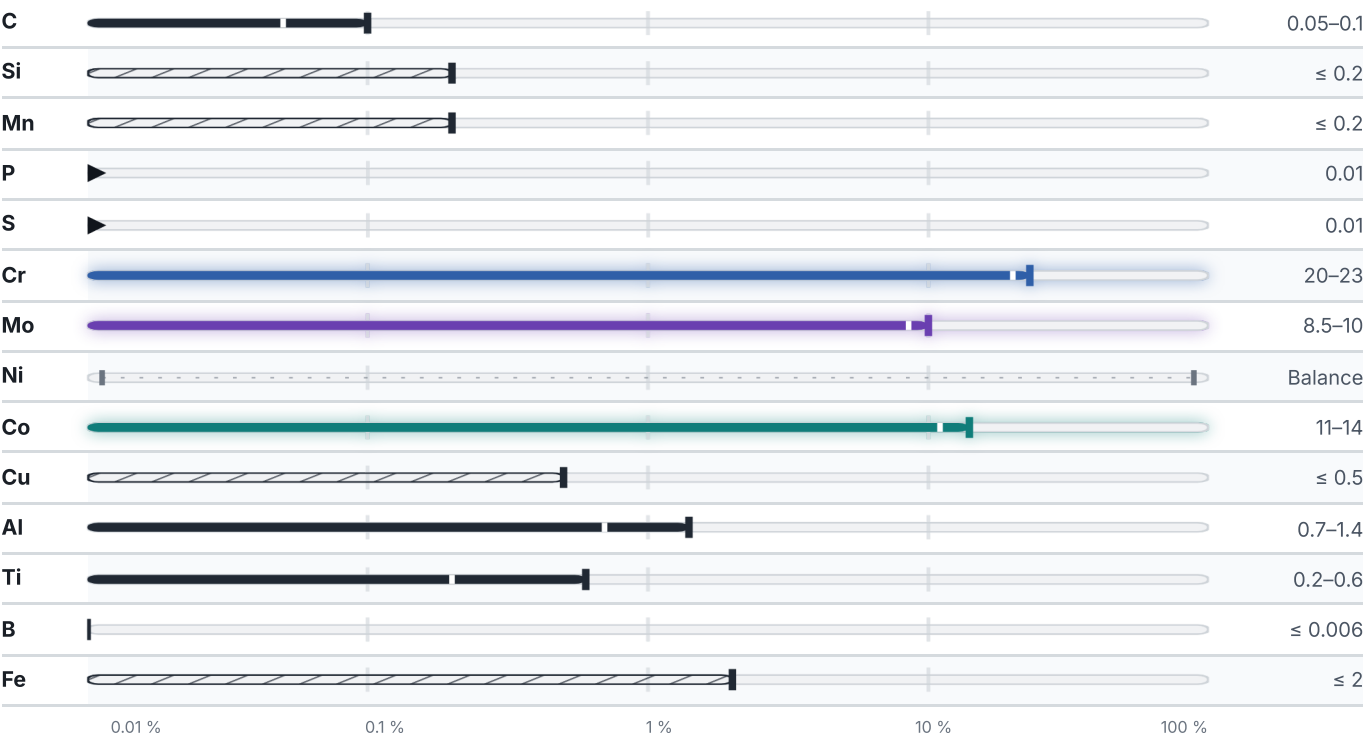
Chemical composition

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/cm³

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	United States / Aerospace		3
International		4	5887		ams
NiCr22Co12Mo9		iso	5888		ams
NiCr22Fe20Mo6Cu2Nb		iso	5889		ams
NW6007		iso	Europe		1
NW6017		iso	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 NiCr23Co12Mo

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