

MATERIAL NUMBER 2.4683 · CLASS 2.4

EK102

Material no. 2.4683

also listed as CoCr22NiW

Chemical composition, mechanical and physical property values, and 12 standard designations from 5 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
8.98 g/cm ³	12 in 5 regions	12 on file

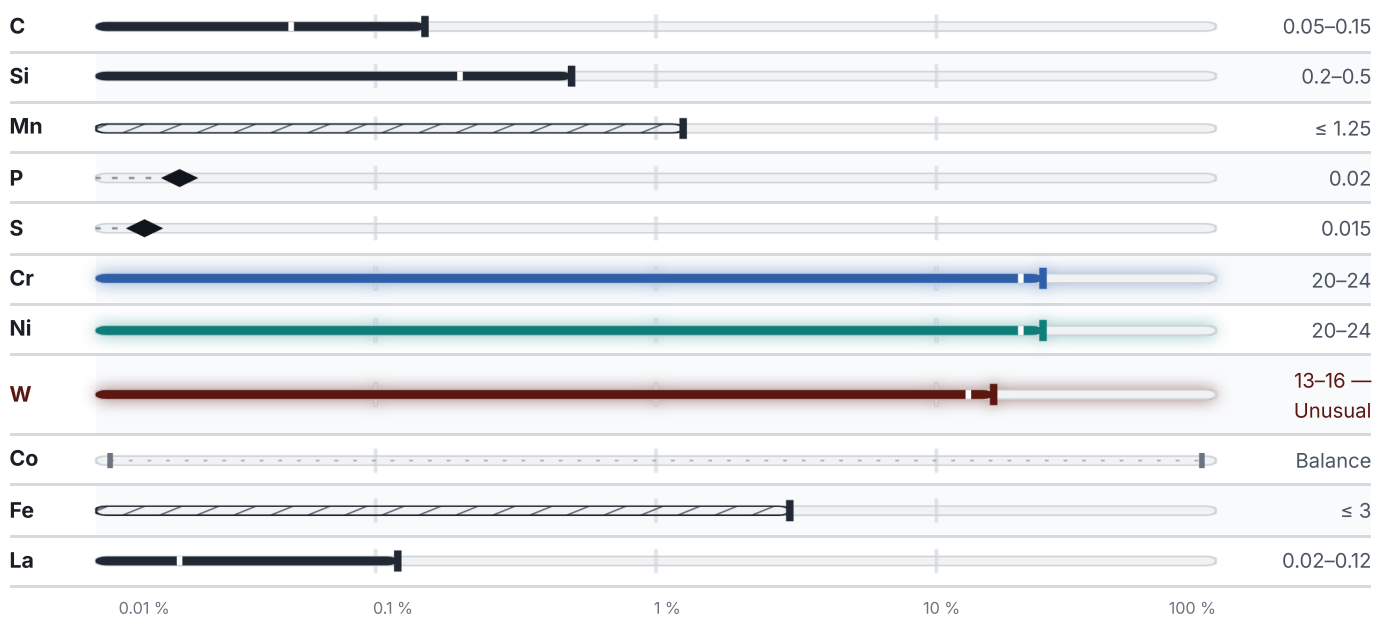
Chemical composition

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

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.98	g/cm ³

Designations across standards

12 designations · 2 documented as identical

Russia / CIS	4	China	3
ChN33KVJu	gost	GB/T14922-2005	gb
EK102	gost	GH188	gb
GOST5632-2014	gost	HG5188	gb
VZh145	gost		
United States / Aerospace	3	Europe	1
5608	ams	CoCr22NiW This grade's own name	din-en
5772	ams	United States	1
5801	ams	R30188 This grade's own name	uns

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 EK102

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	2.4683	Aug 20, 2026