

MATERIAL NUMBER 1.2885 · CLASS 1.2

3X3M3K3Φ

Material no. 1.2885

also listed as X32CrMoCoV3-3-3

Chemical composition, mechanical and physical property values, and 8 standard designations from 7 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	8 in 7 regions	10 on file

Chemical composition

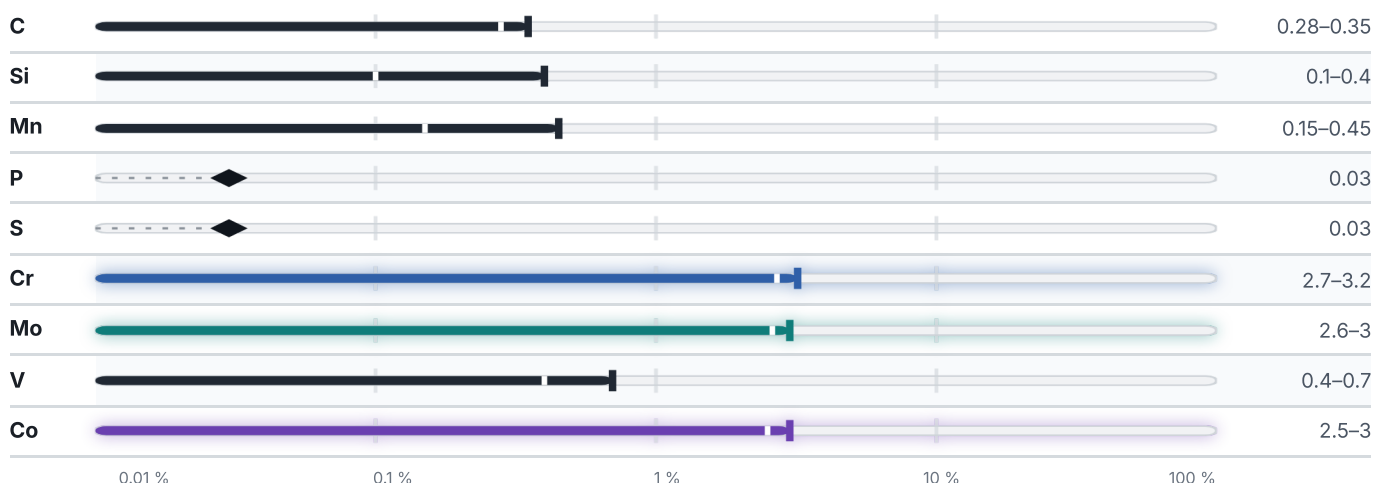
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 90 % ● Cr — 3 % ● Mo — 2.8 % ● Co — 2.8 % ● Traces & impurities · 1.5 %

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

8 designations · 1 documented as identical

Russia / CIS	2	United Kingdom	1
3Ch3M3K3F	gost	BH10A	bs
3X3M3K3Φ	gost	Spain	1
Europe	1	32CrMoCoV12	une
X32CrMoCoV3-3-3	This grade's own name din-en	Italy	1
United States	1	30CrMoCoV123012KU	uni
H10A	aisi-sae	Poland	1
		WLK	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 3X3M3K3Φ

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

MATERIAL NO.

1.2885

ISSUED

Aug 20, 2026