

MATERIAL NUMBER 1.4720 · CLASS 1.4

X7CrTi12

Material no. 1.4720

also listed as X2CrTi12

Chemical composition, mechanical and physical property values, and 12 standard designations from 4 regions.

DENSITY 7.7 g/cm³	OTHER DESIGNATIONS 12 in 4 regions	PROPERTY VALUES 7 on file
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Chemical composition

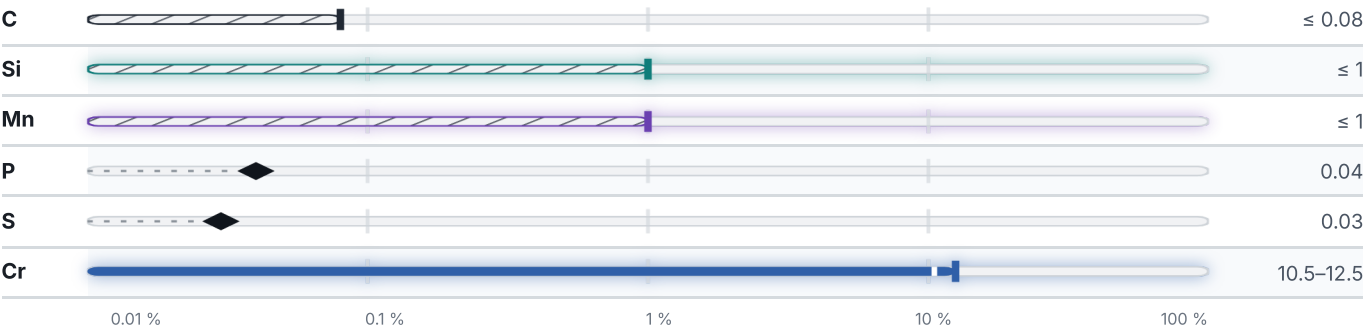
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 86.4 % ● Cr — 11.5 % ● Si — 1 % ● Mn — 1 % ● Traces & impurities · 0.2 %

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, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.7	g/cm³

Designations across standards

12 designations · 4 documented as identical

United States		8	Europe		2
S40900	This grade's own name	uns	X2CrTi12	This grade's own name	din-en
409	This grade's own name	aisi-sae	X7CrTi12	This grade's own name	din-en
51409		aisi-sae			
A1012		astm	Japan		1
A268		astm	SUH 409		jis
A651		astm			
A791		astm	Brazil		1
A803		astm	409		abnt

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 X7CrTi12

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	1.4720	Aug 20, 2026