

MATERIAL NUMBER 1.4713 · CLASS 1.4

1.4713

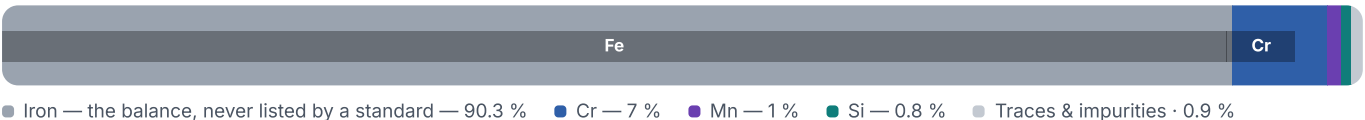
Chemical composition, mechanical and physical property values, and 14 standard designations from 8 regions.

DENSITY 7.7 g/cm³	OTHER DESIGNATIONS 14 in 8 regions	PROPERTY VALUES 8 on file
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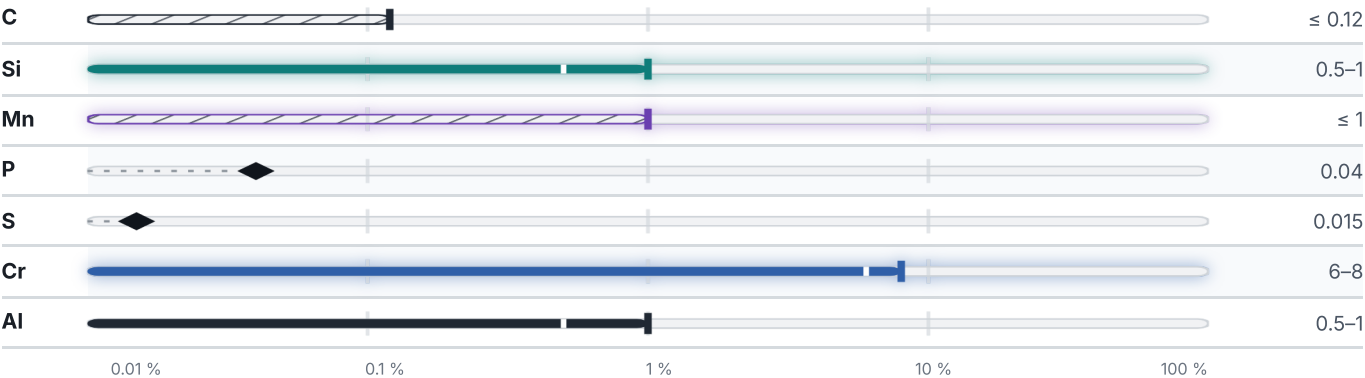
Chemical composition

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, Mo.

Mechanical properties

5 values across 2 conditions

SOFT ANNEALED	HB
Soft annealed	192

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %	Z %
Bar, GOST 5949-75	440	245	20	40

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.7	g/cm ³

Designations across standards

14 designations · 2 documented as identical

Russia / CIS	6	Italy	1
10X17CЮ	gost	X7AL	uni
15KH6SYU	gost		
15X6CЮ	gost	Czechia	1
Sv-10Kh17T	gost	17113	csn
X6CЮ	gost		
ЭИ428	gost	Slovakia	1
		17 113	stn
Europe	2	Serbia	1
X10CrAl7 This grade's own name	din-en	Č.4974	srps
X10CrAlSi7 This grade's own name	din-en		
France	1	Poland	1
Z8CA7	afnor	H6S2	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 1.4713

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

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ISSUED

Aug 20, 2026