

MATERIAL NUMBER 1.4532 · CLASS 1.4

1.4532

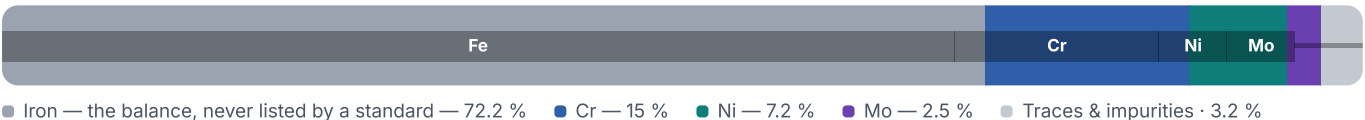
Chemical composition, mechanical and physical property values, and 10 standard designations from 4 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 10 in 4 regions	PROPERTY VALUES 10 on file
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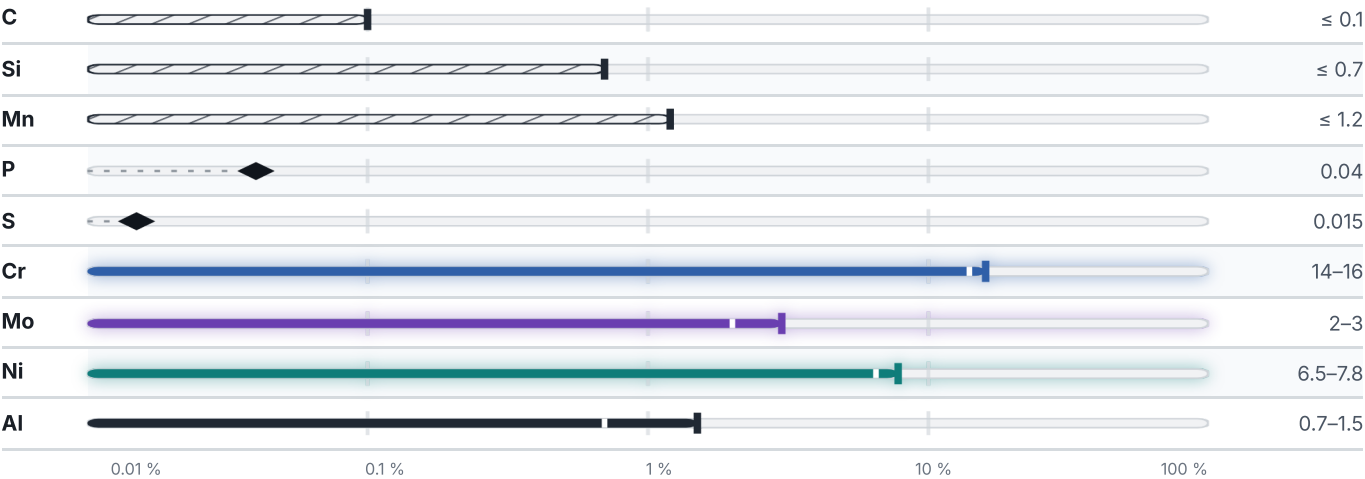
Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

10 designations · 4 documented as identical

United States		5	Europe		2
S15700	This grade's own name	uns	X 7 CrNiMoAl 15 7	This grade's own name	din-en
632	This grade's own name	aisi-sae	X8CrNiMoAl15-7-2	This grade's own name	din-en
15-7PH		astm	France		2
A693 Grade 632		astm	Z10CNDA15-07		afnor
PH15-7Mo		astm	Z9CNDA15-07		afnor
			United States / Aerospace		1
			5520		ams

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 1.4532

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