

MATERIAL NUMBER 1.4560 · CLASS 1.4

1.4560

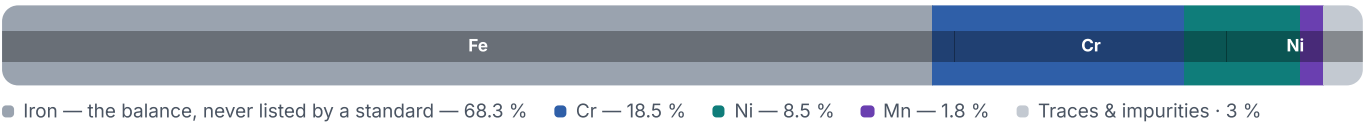
Chemical composition, mechanical and physical property values, and 13 standard designations from 7 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 13 in 7 regions	PROPERTY VALUES 10 on file
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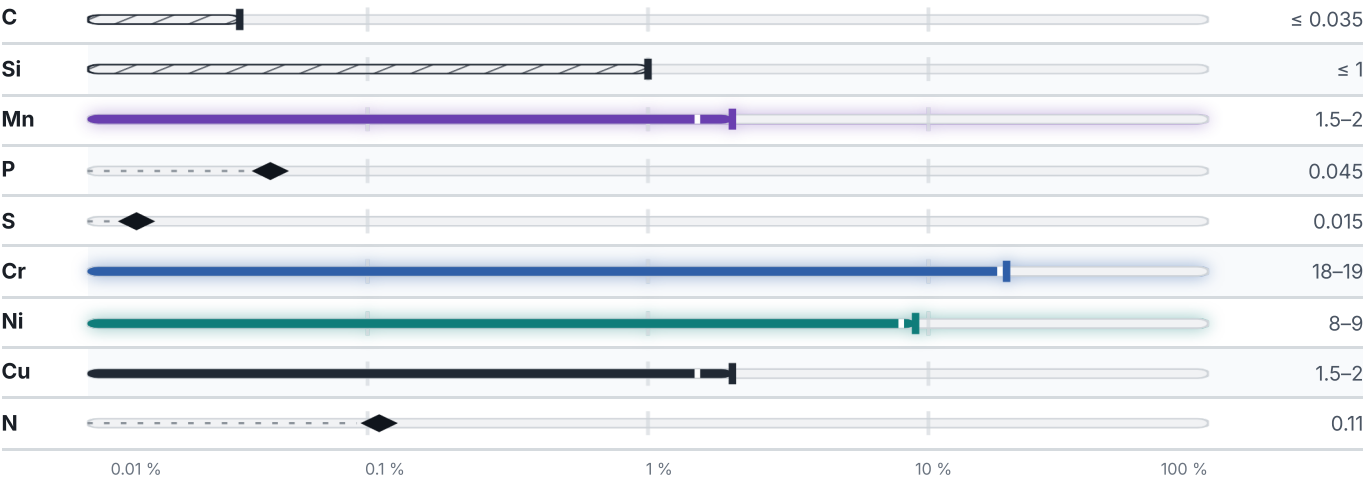
Chemical composition

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

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

Mechanical properties

1 values across 1 conditions

SOFT ANNEALED	HB
Soft annealed	215

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

13 designations · 1 documented as identical

United States	4	Europe	1
S30430	uns	X3CrNiCu19-9-2	This grade's own name din-en
S31640	uns		
316Cb	aisi-sae	United Kingdom	1
304Cu	astm	394S17	bs
France	3	Japan	1
Z3CNU18-09FF	afnor	XM-7	jis
Z3CNU18-10	afnor		
Z6CNDNB17-12	afnor	China	1
		06Cr17Ni12Mo2Nb	gb
Russia / CIS	2		
08Ch16N13M2B	gost		
08X16H13M25	gost		

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 1.4560

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