

MATERIAL NUMBER 1.4884 · CLASS 1.4

X6CrNiSi18-13-4

Material no. 1.4884

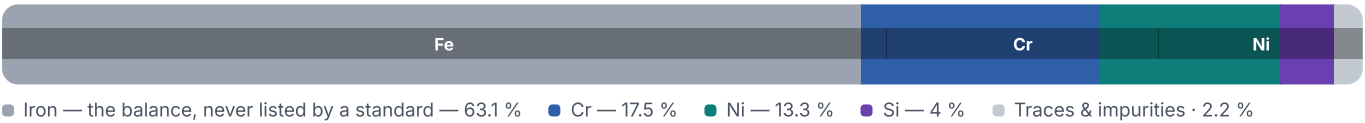
Chemical composition, mechanical and physical property values, and 34 standard designations from 4 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 34 in 4 regions	PROPERTY VALUES 8 on file
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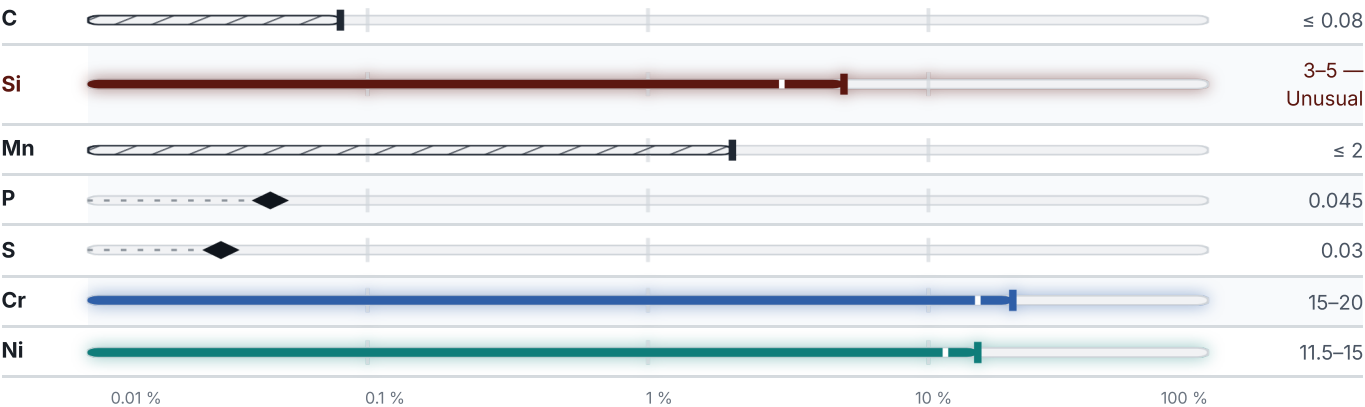
Chemical composition

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: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

34 designations · 1 documented as identical

United States		29	United States / Aerospace		3
S30500		uns	5514		ams
30305		aisi-sae	5685		ams
305		aisi-sae	5686		ams
A1012		astm	Europe		1
A193		astm	X6CrNiSi18-13-4		din-en
A194		astm	This grade's own name		
A240		astm	Czechia		1
A249		astm	17253		csn
A276		astm			
A313		astm			
A314		astm			
A320		astm			
A368		astm			
A473		astm			
A478		astm			
A492		astm			
A493		astm			
A511		astm			
A554		astm			
A580		astm			
F1667		astm			
F2215		astm			
F593		astm			
F594		astm			
F738		astm			
F836		astm			
F837		astm			
F879		astm			
F880		astm			

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 X6CrNiSi18-13-4

Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry