

MATERIAL NUMBER 1.4884 · CLASS 1.4

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

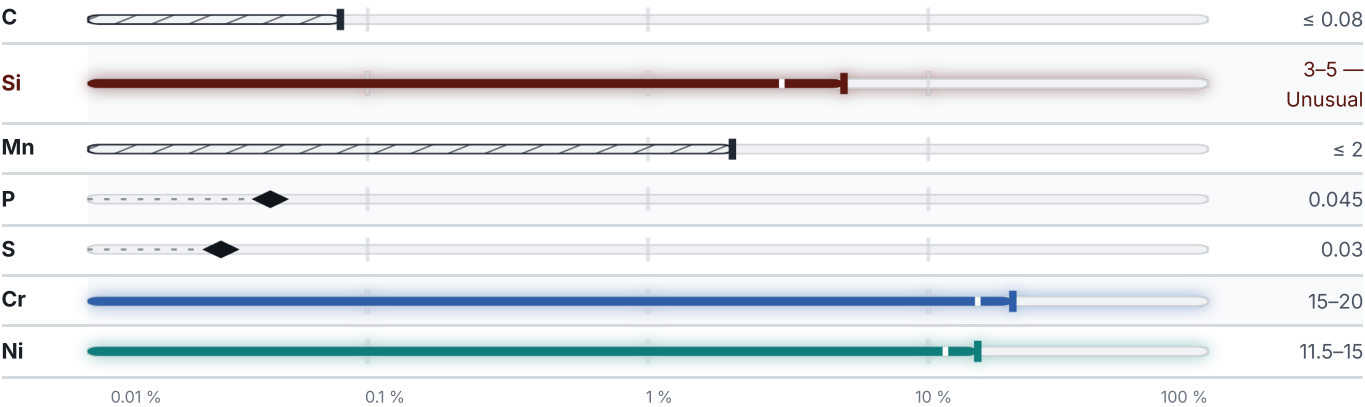
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 63.1 % ● Cr — 17.5 % ● Ni — 13.3 % ● Si — 4 % ● Traces & impurities · 2.2 %

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: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

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		
A193	astm		
A194	astm		
A240	astm		
A249	astm		
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		
		Europe	1
		X6CrNiSi18-13-4 This grade's own name	din-en
		Czechia	1
		17253	csn

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 1.4884

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

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ISSUED

Aug 20, 2026