

MATERIAL NUMBER 1.4001 · CLASS 1.4

G-X 7 Cr 13

Material no. 1.4001

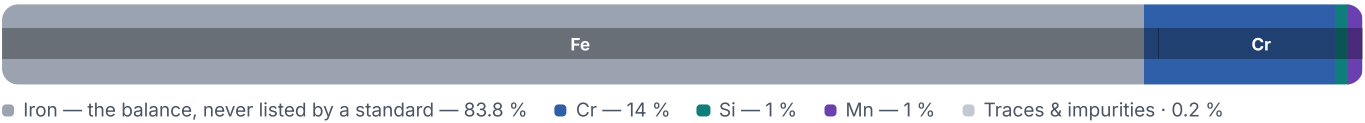
Chemical composition, mechanical and physical property values, and 15 standard designations from 8 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 15 in 8 regions	PROPERTY VALUES 7 on file
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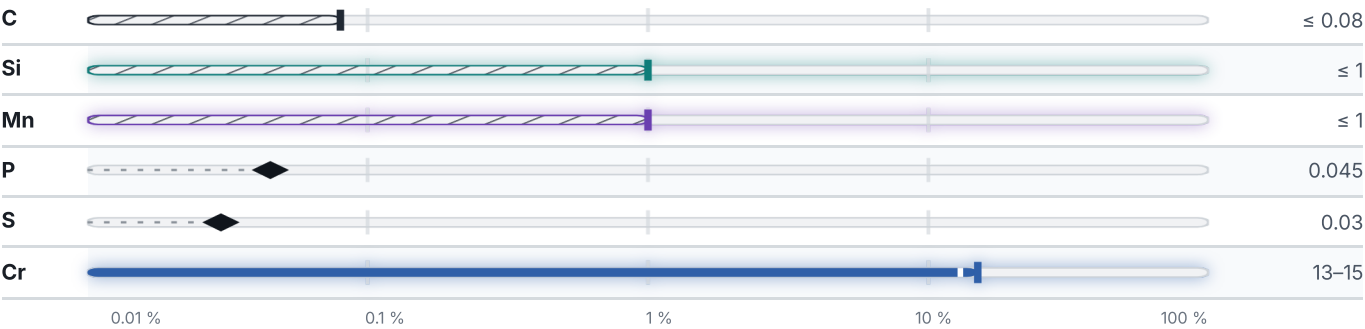
Chemical composition

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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

15 designations · 1 documented as identical

United States4		Spain2	
S41008	uns	F.8401	une
403	aisi-sae	F.8401-AM-X12 Cr 13	une
41 OS	aisi-sae		
410 S	aisi-sae	United Kingdom1	
Europe3		403S17	bs
1.4001	din-en	Sweden1	
G-X 7 Cr 13	This grade's own name din-en	2301	ss
X7Cr14	din-en	Czechia1	
France2		17020	csn
Z3014	afnor	Poland1	
Z8C12	afnor	OH13	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 G-X 7 Cr 13

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

Start an enquiry

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	1.4001	Aug 20, 2026