

MATERIAL NUMBER 1.4409 · CLASS 1.4

1.4409

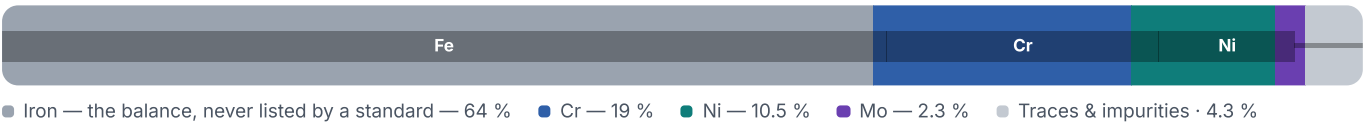
Chemical composition, mechanical and physical property values, and 11 standard designations from 4 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 11 in 4 regions	PROPERTY VALUES 11 on file
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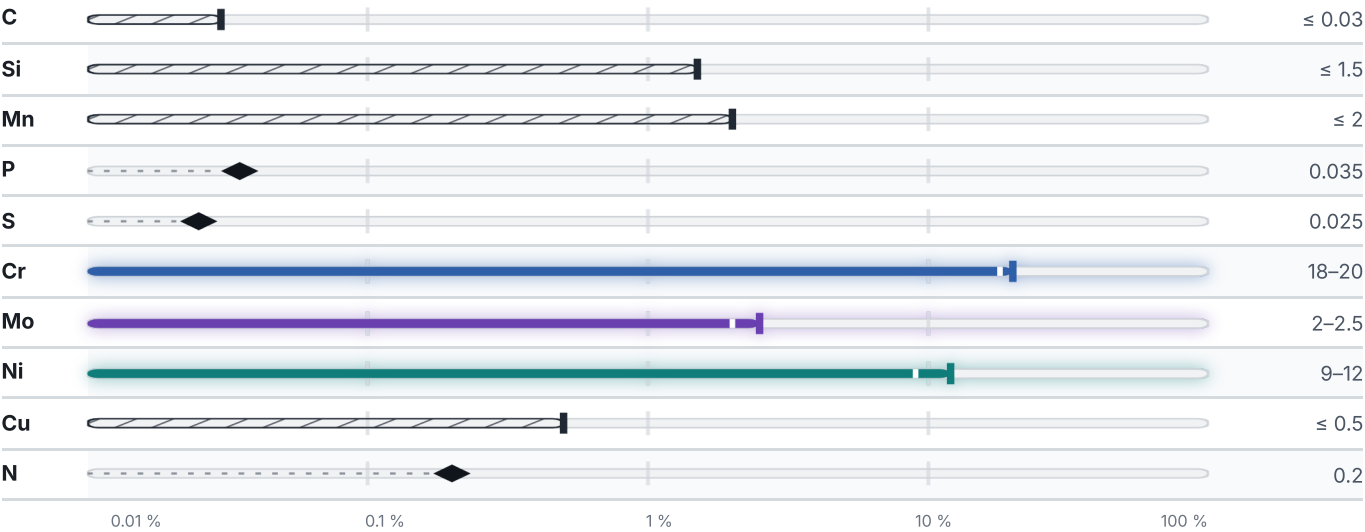
Chemical composition

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

11 designations · 5 documented as identical

United States		6	Japan		3
J92700	This grade's own name	uns	SCS 16AX		jis
J92800	This grade's own name	uns	SCS 16AXN		jis
J92804	This grade's own name	uns	SCS 16S		jis
314N	This grade's own name	aisi-sae	Europe		1
316 N		aisi-sae			
J92804		aisi-sae	GX2CrNiMo19-11-2	This grade's own name	din-en
			Spain		1
			F.8415		une

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 1.4409

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

MATERIAL NO.

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ISSUED

Aug 20, 2026