

MATERIAL NUMBER 1.4409 · CLASS 1.4

SCS 16S

Material no. 1.4409

also listed as GX2CrNiMo19-11-2

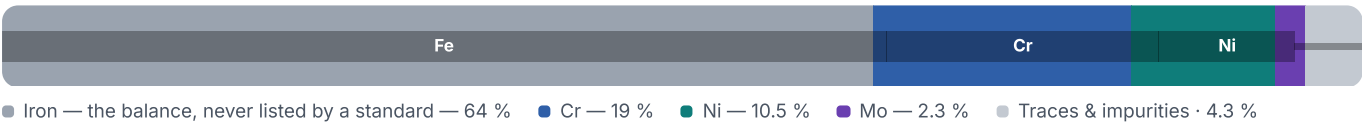
Chemical composition, mechanical and physical property values, and 11 standard designations from 4 regions.

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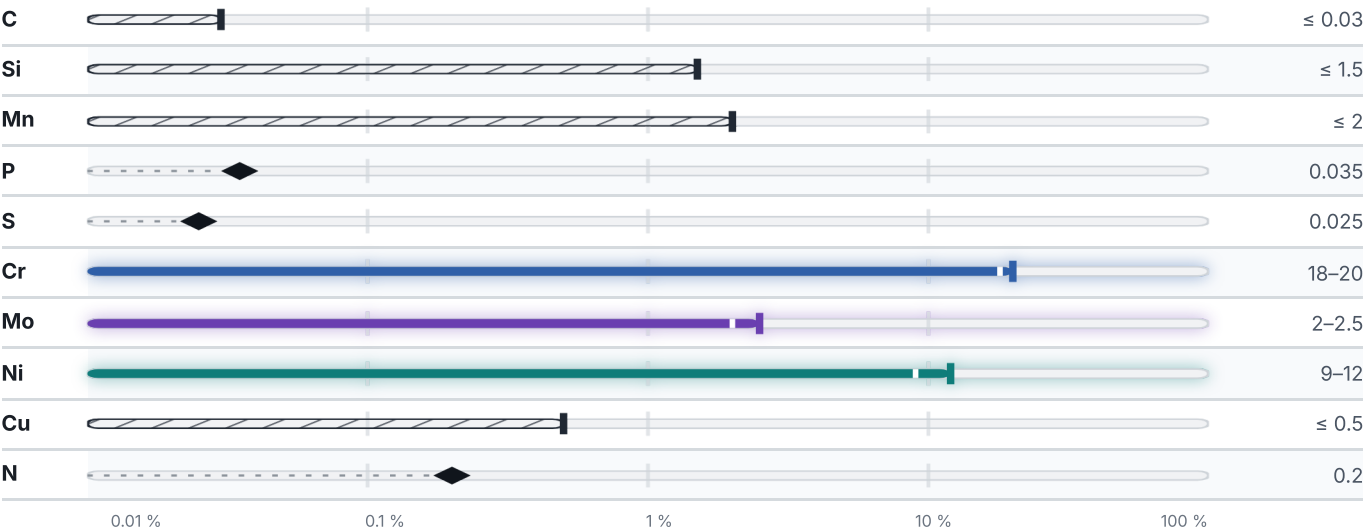
Chemical composition

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/cm ³

Designations across standards

11 designations · 5 documented as identical

United States6		Japan3	
J92700	This grade's own nameuns	SCS 16AX	jis
J92800	This grade's own nameuns	SCS 16AXN	jis
J92804	This grade's own nameuns	SCS 16S	jis
314N	This grade's own nameaisi-sae	Europe1	
316 N	aisi-sae	1	
J92804	aisi-sae	GX2CrNiMo19-11-2	This grade's own namedin-en
		Spain1	
		F.8415une	

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 SCS 16S

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	1.4409	Aug 20, 2026