

MATERIAL NUMBER 1.6359 · CLASS 1.6

X2NiCoMo18-8-5

Material no. 1.6359

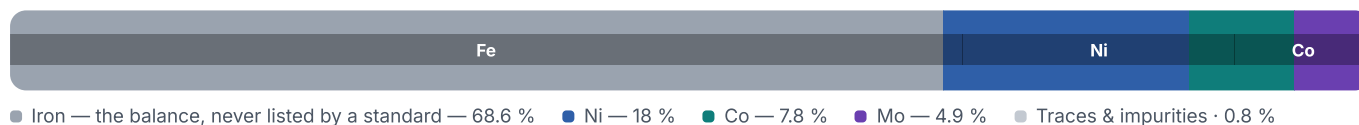
Chemical composition, mechanical and physical property values, and 7 standard designations from 4 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	7 in 4 regions	11 on file

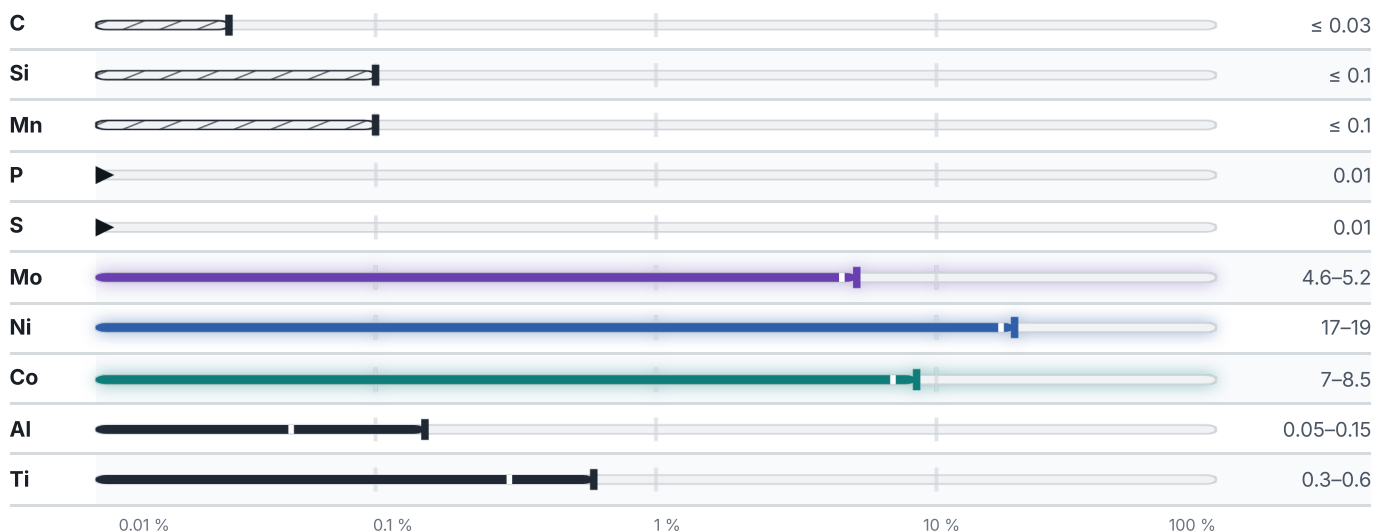
Chemical composition

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: Cr.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

7 designations · 4 documented as identical

United States	3	Europe	1
K92710	This grade's own name uns	X2NiCoMo18-8-5	This grade's own name din-en
K92890	This grade's own name uns		
K92940	This grade's own name uns	United Kingdom	1
United States / Aerospace	2	S162	bs
6512	ams		
6520	ams		

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 X2NiCoMo18-8-5

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	1.6359	Aug 20, 2026