

MATERIAL NUMBER 2.4610 · CLASS 2.4

NS553

Material no. 2.4610

also listed as NiMo16Cr16Ti

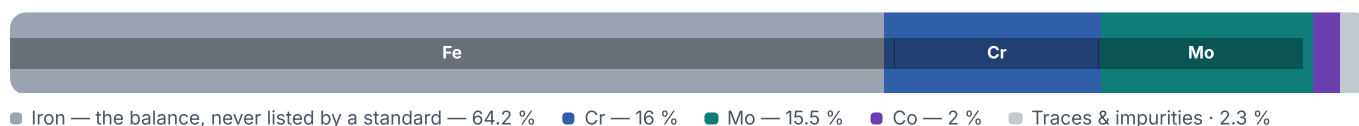
Chemical composition, mechanical and physical property values, and 9 standard designations from 4 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
8.64 g/cm ³	9 in 4 regions	13 on file

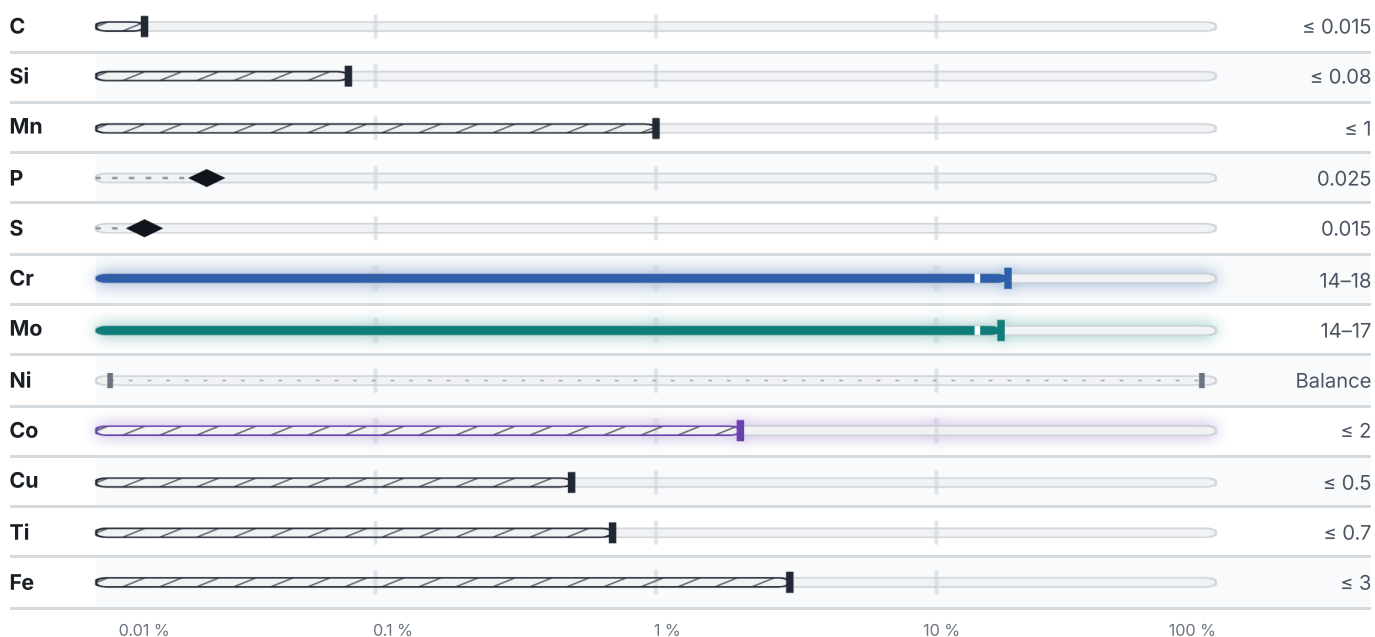
Chemical composition

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: Ni.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.64	g/cm ³

Designations across standards

9 designations · 2 documented as identical

International	3	United States	2
NiCr16Mo16Ti	iso	N06455 This grade's own name	uns
NiMo16Cr17Ti	iso	N26625	uns
NW6455	iso		
China	3	Europe	1
H06455	gb	NiMo16Cr16Ti This grade's own name	din-en
NS3305	gb		
NS553	gb		

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 NS553

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	2.4610	Aug 20, 2026