

MATERIAL NUMBER 2.4631 · CLASS 2.4

2.4631

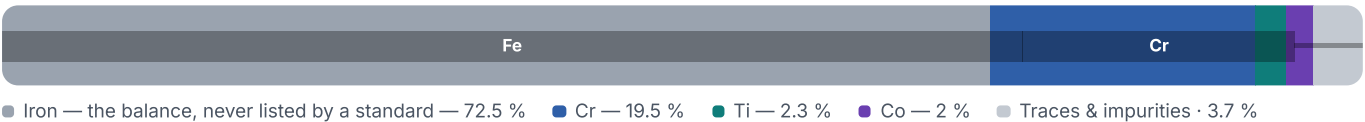
Chemical composition, mechanical and physical property values, and 11 standard designations from 5 regions.

DENSITY 8.2 g/cm ³	OTHER DESIGNATIONS 11 in 5 regions	PROPERTY VALUES 14 on file
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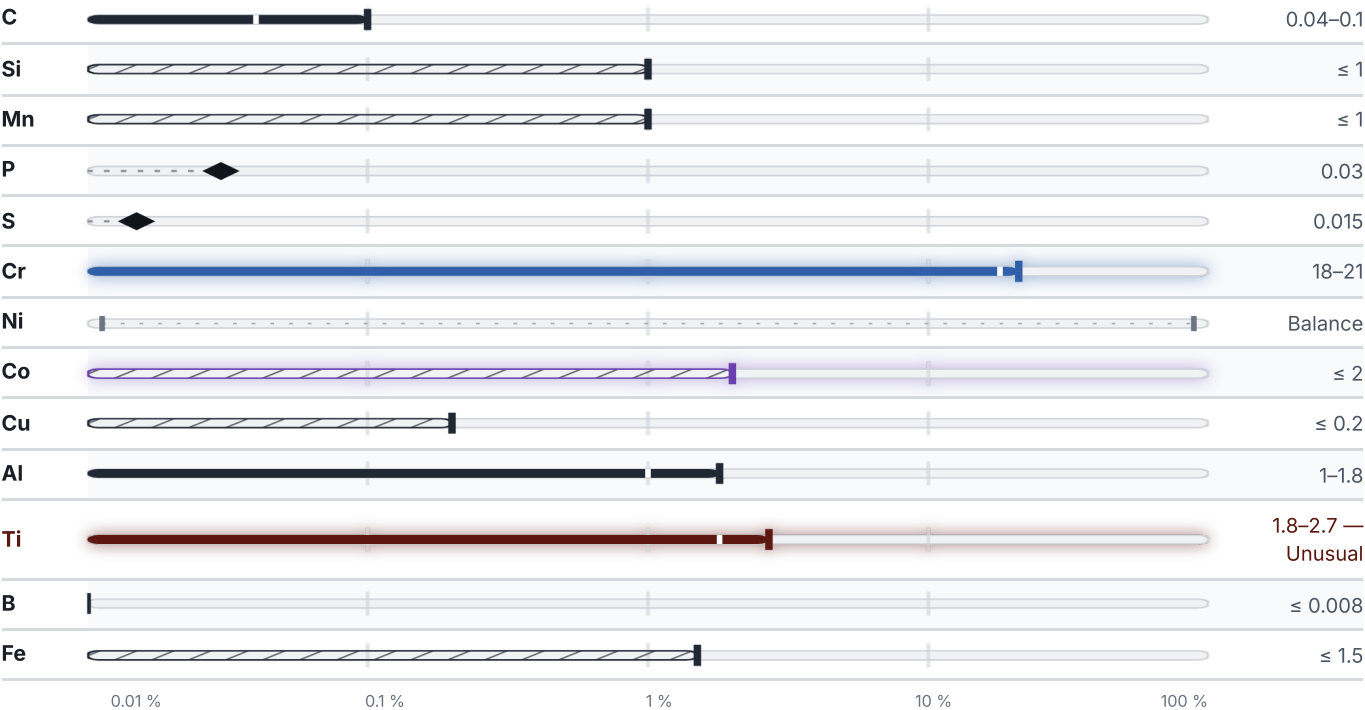
Chemical composition

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.

Mechanical properties

1 values across 1 conditions

SOLUTION ANNEALED	HRC
Solution annealed	32

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.2	g/cm³

Designations across standards

11 designations · 2 documented as identical

United Kingdom	6	Europe	1	
736B	bs	NiCr20TiAl	This grade's own name	din-en
HR1	bs			
HR201	bs	France		1
HR401	bs	NC 20 TA		afnor
HR401HR601	bs			
HR601	bs	Sweden		1
		MH-07		ss
United States	2			
N07080	This grade's own name	uns		
B 637	astm			

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 2.4631

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	2.4631	Aug 20, 2026