

MATERIAL NUMBER 2.4360 · CLASS 2.4

4544

Material no. 2.4360

also listed as NiCu 30 Fe

Chemical composition, mechanical and physical property values, and 21 standard designations from 6 regions.

DENSITY

8.8 g/cm³

OTHER DESIGNATIONS

21 in 6 regions

PROPERTY VALUES

10 on file

Chemical composition

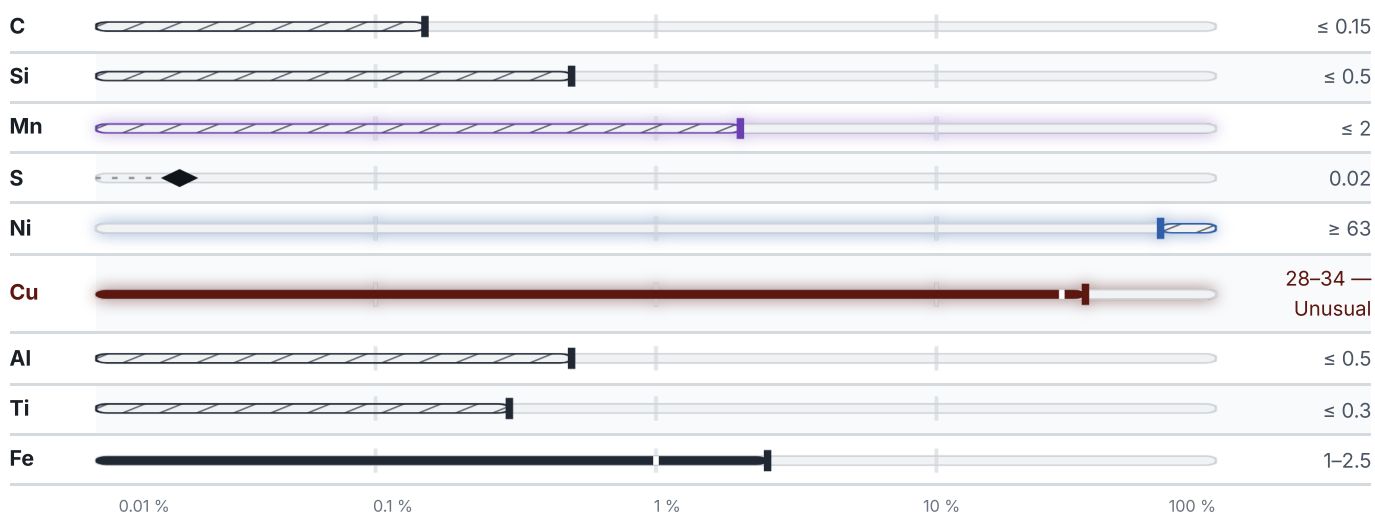
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 2.5 % ● Ni — 63 % ● Cu — 31 % ● Mn — 2 % ● Traces & impurities · 1.5 %

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, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.8	g/cm³

Designations across standards

21 designations · 3 documented as identical

United States		8	International		3
N04400	This grade's own name	uns	N04400		iso
N04405		uns	NiCu30		iso
4544		aisi-sae	NW4400		iso
B 127		astm	Europe2		
B 164		astm			
B 185		astm			
B165		astm			
B564		astm	S-NiCu 30 Fe	This grade's own name	din-en
United States / Aerospace5			United Kingdom2		
			3072-76bs		
			NA13bs		
			Russia / CIS1		
4574		ams	NMZhMts28-2,5-1,5gost		
4575		ams			
4674		ams			
4675		ams			
4730		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 4544

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.

2.4360

ISSUED

Aug 20, 2026