

MATERIAL NUMBER 1.4567 · CLASS 1.4

X3CrNiCu18-9-4

Material no. 1.4567

also listed as X 3 CrNiCu 18 9

Chemical composition, mechanical and physical property values, and 16 standard designations from 7 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.9 g/cm ³	16 in 7 regions	10 on file

Chemical composition

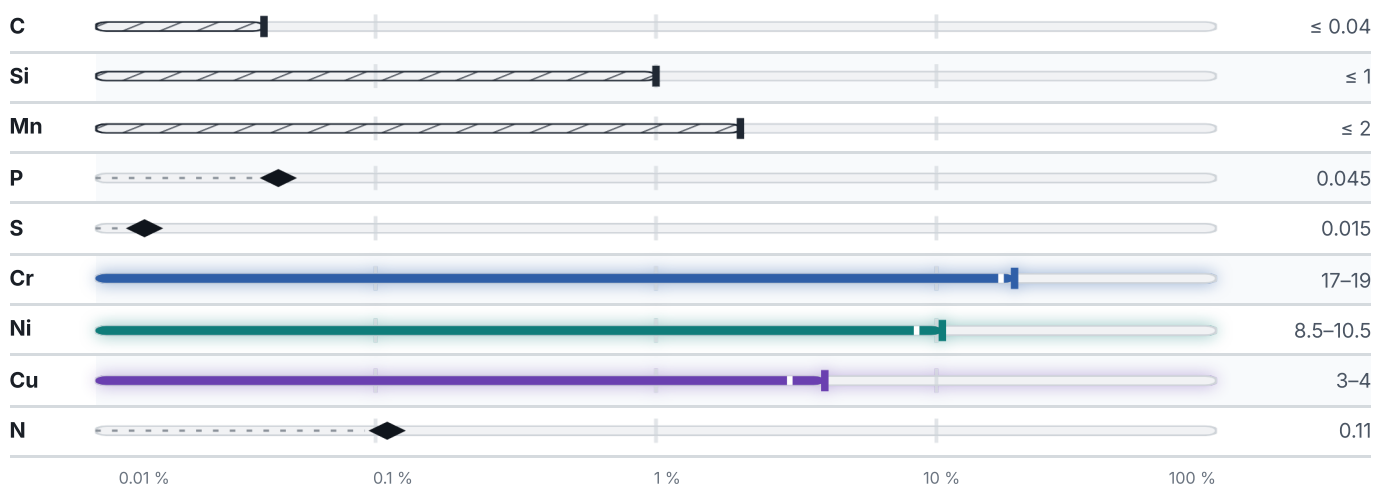
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 65.8 % ● Cr — 18 % ● Ni — 9.5 % ● Cu — 3.5 % ● Traces & impurities · 3.2 %

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: Mo.

Mechanical properties

11 values across 2 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A %	Z %	HB	HRB	HV
Plate/Sheet Hot-rolled	450	155	40	–	–	–	–
Bars/Rods	480	175	40	60	–	–	–
Hot-rolled	–	–	–	–	187	90	200
SOFT ANNEALED							HB
Soft annealed							215

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.9	g/cm ³

Designations across standards

16 designations · 5 documented as identical

United States	5	United Kingdom	2
S30430 This grade's own name	uns	304S17	bs
304Cu This grade's own name	aisi-sae	394S17	bs
S30430	aisi-sae		
XM-7 This grade's own name	aisi-sae	Japan	2
304Cu	astm	SUSXM7	jis
		XM-7	jis
France	3	International	1
Z3CNU18-09FF	afnor		
Z3CNU18-10	afnor	D26	iso
Z3CNU18-10FF	afnor		
		China	1
Europe	2	0Cr18Ni9Cu3	gb
X 3 CrNiCu 18 9 This grade's own name	din-en		
X3CrNiCu18-9-4 This grade's own name	din-en		

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 X3CrNiCu18-9-4

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.

1.4567

ISSUED

Aug 20, 2026