

MATERIAL NUMBER 1.4326 · CLASS 1.4

X12CrNiSi18-9-3

Material no. 1.4326

Chemical composition, mechanical and physical property values, and 11 standard designations from 3 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	11 in 3 regions	8 on file

Chemical composition

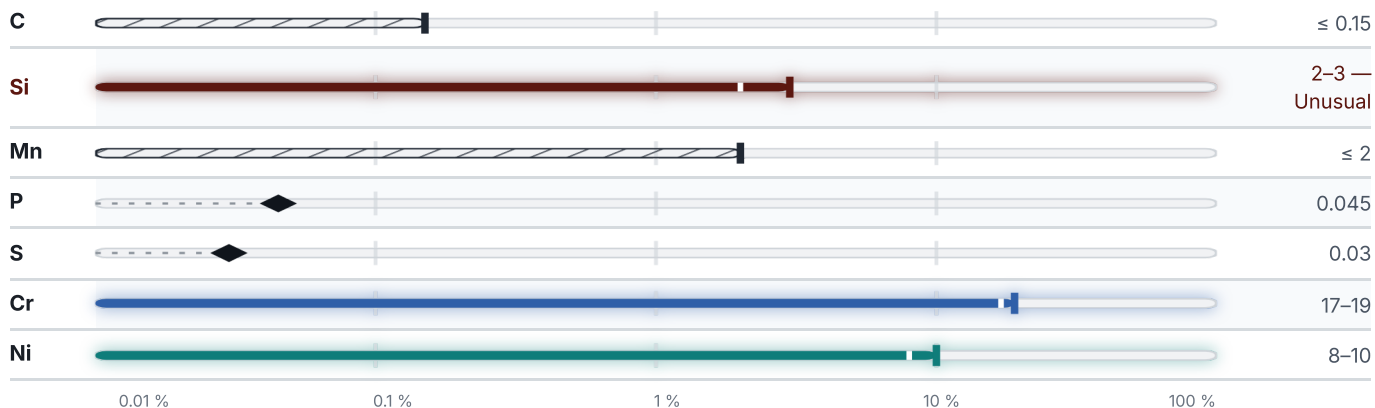
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 68.3 % ● Cr — 18 % ● Ni — 9 % ● Si — 2.5 % ● Traces & impurities · 2.2 %

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

6 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A %	HB	HRB	HV
Plate/Sheet Hot-rolled	520	205	40	–	–	–
Hot-rolled	–	–	–	207	95	218

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

11 designations · 3 documented as identical

United States9		Europe1	
S30215	This grade's own nameuns	X12CrNiSi18-9-3	This grade's own namedin-en
302B	This grade's own nameaisi-sae		
30302B	aisi-sae	Japan1	
A167	astm	SUS302B	jis
A276	astm		
A314	astm		
A473	astm		
A480	astm		
A580	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 X12CrNiSi18-9-3

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	1.4326	Aug 20, 2026