

MATERIAL NUMBER 1.4373 · CLASS 1.4

X12CrMnNiN18-9-5

Material no. 1.4373

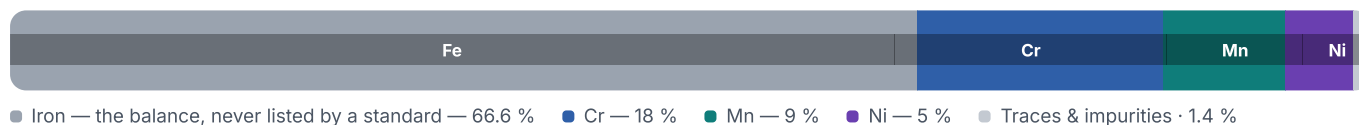
Chemical composition, mechanical and physical property values, and 31 standard designations from 12 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	31 in 12 regions	9 on file

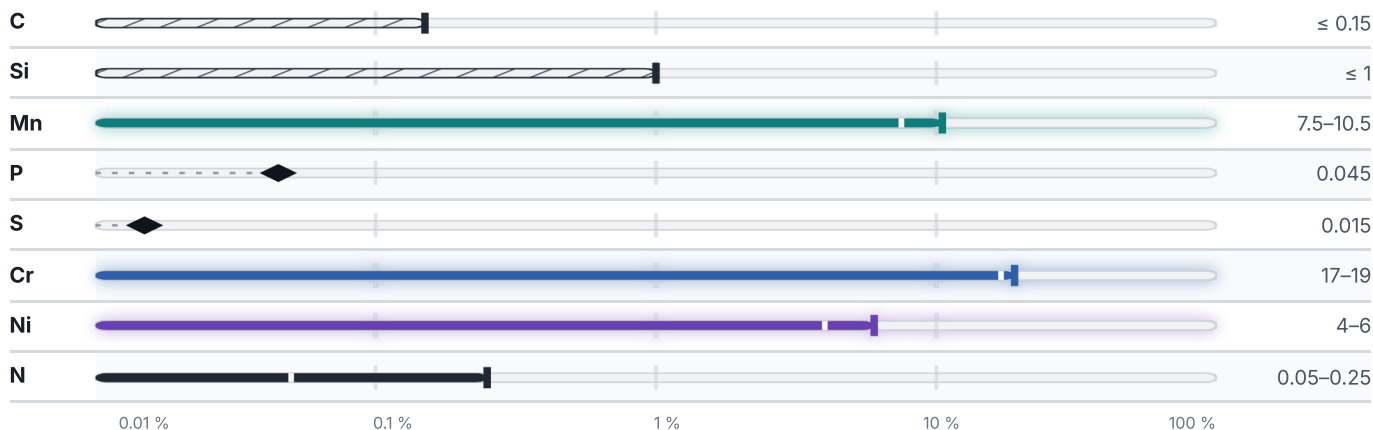
Chemical composition

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: Mo.

Mechanical properties

4 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A %	Z %
Bars/Rods	520	275	40	45

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

31 designations · 3 documented as identical

United States	15	Japan	2
S20100	uns	SUS201	jis
S20200 This grade's own name	uns	SUS202	jis
201	aisi-sae		
202 This grade's own name	aisi-sae	Europe	1
20202	aisi-sae	X12CrMnNiN18-9-5 This grade's own name	din-en
S20200	aisi-sae		
A1012	astm	United Kingdom	1
A213	astm	284S16	bs
A240	astm		
A249	astm	France	1
A276	astm	Z12CMN17-07Az	afnor
A314	astm		
A473	astm	International	1
A480	astm	X12CrMnNiN18-9-5	iso
A666	astm		
China	3	Czechia	1
12Cr17Mn6Ni5N	gb	17460	csn
12Cr18Mn9Ni5N	gb	Slovakia	1
1Cr18Mn8Ni5N	gb	17 460	stn
Russia / CIS	3	Poland	1
12Ch17G9AN4	gost	1H17N4G9	pn
12X17Г9AH4	gost		
EI878	gost	South Korea	1
		STS201	ks

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 X12CrMnNiN18-9-5

Quotation, availability, mill certificate or a technical question — directly on the material page.

[Start an enquiry](#)

DATASHEET ONLINE

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GRADE SEARCH

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ISSUED

Aug 20, 2026