SteelEquivalents.com

Material datasheet
As of Aug 20, 2026

MATERIAL NUMBER 1.4373 · CLASS 1.4

1.4373

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

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm³	31 in 12 regions	9 on file

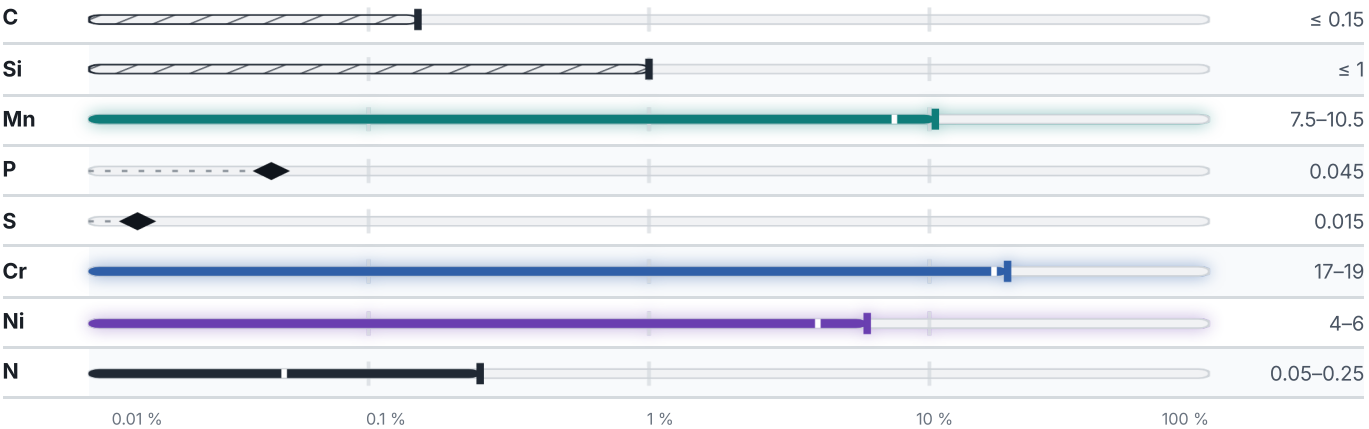
Chemical composition

Mass fraction in %

What this alloy is

Iron — the balance, never listed by a standard — 66.6 % · Cr — 18 % · Mn — 9 % · Ni — 5 % · Traces & impurities · 1.4 %

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/mm²	RE N/mm²	A %	Z %
Bars/Rods	520	275	40	45

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

31 designations · 3 documented as identical

United States (15)

S20100	uns
S20200 This grade's own name	uns
201	aisi-sae
202 This grade's own name	aisi-sae
20202	aisi-sae
S20200	aisi-sae
A1012	astm
A213	astm
A240	astm
A249	astm
A276	astm
A314	astm
A473	astm
A480	astm
A666	astm

China (3)

12Cr17Mn6Ni5N	gb
12Cr18Mn9Ni5N	gb
1Cr18Mn8Ni5N	gb

Russia / CIS (3)

12Ch17G9AN4	gost
12Х17Г9АН4	gost
EI878	gost

Japan (2)

SUS201	jis
SUS202	jis

Europe (1)

X12CrMnNiN18-9-5 This grade's own name	din-en

United Kingdom (1)

284S16	bs

France (1)

Z12CMN17-07Az	afnor

International (1)

X12CrMnNiN18-9-5	iso

Czechia (1)

17460	csn

Slovakia (1)

17 460	stn

Poland (1)

1H17N4G9	pn

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 1.4373

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	1.4373	Aug 20, 2026