SteelEquivalents.com

Material datasheet
As of Aug 20, 2026

MATERIAL NUMBER 1.4361 · CLASS 1.4

1.4361

Chemical composition, mechanical and physical property values, and 11 standard designations from 6 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.95 g/cm³	11 in 6 regions	10 on file

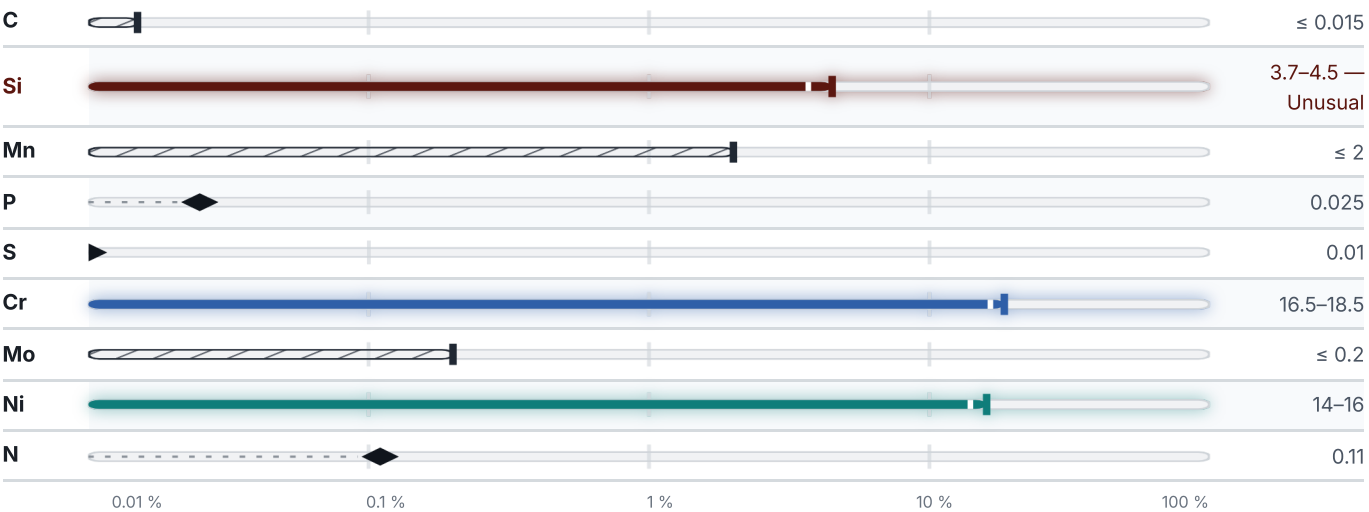
Chemical composition

Mass fraction in %

What this alloy is

Iron — the balance, never listed by a standard — 61 % · Cr — 17.5 % · Ni — 15 % · Si — 4.1 % · Traces & impurities · 2.4 %

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Mechanical properties

1 values across 1 conditions

SOFT ANNEALED	HB
Soft annealed	230

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.95	g/cm³

Heat treatment

1 regimes

STEP	TEMPERATURE	MEDIUM
Quenching	1100–1150 °C	Water

Designations across standards

11 designations · 3 documented as identical

United States 4

S30600 This grade's own name	uns
306	aisi-sae
S30600	aisi-sae
F46	astm

Europe 2

X 1 CrNiSi 18 15 This grade's own name	din-en
X1CrNiSi18-15-4 This grade's own name	din-en

Japan 2

SUS XM15J1	jis
SUS XM15J1TB	jis

France 1

Z1CNS17-15	afnor

Hungary 1

KO43ELC	msz

South Korea 1

XM15J1	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.

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	1.4361	Aug 20, 2026