

MATERIAL NUMBER 1.3342 · CLASS 1.3

SC 6-5-2

Material no. 1.3342

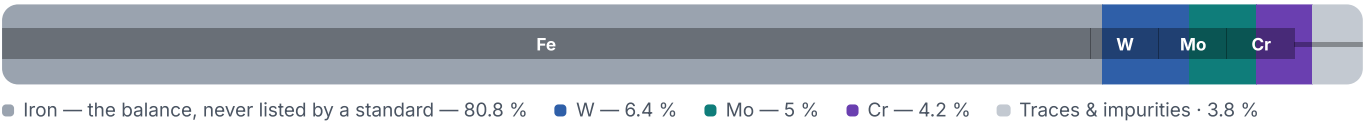
Chemical composition, mechanical and physical property values, and 7 standard designations from 4 regions.

DENSITY 8.2 g/cm ³	OTHER DESIGNATIONS 7 in 4 regions	PROPERTY VALUES 10 on file
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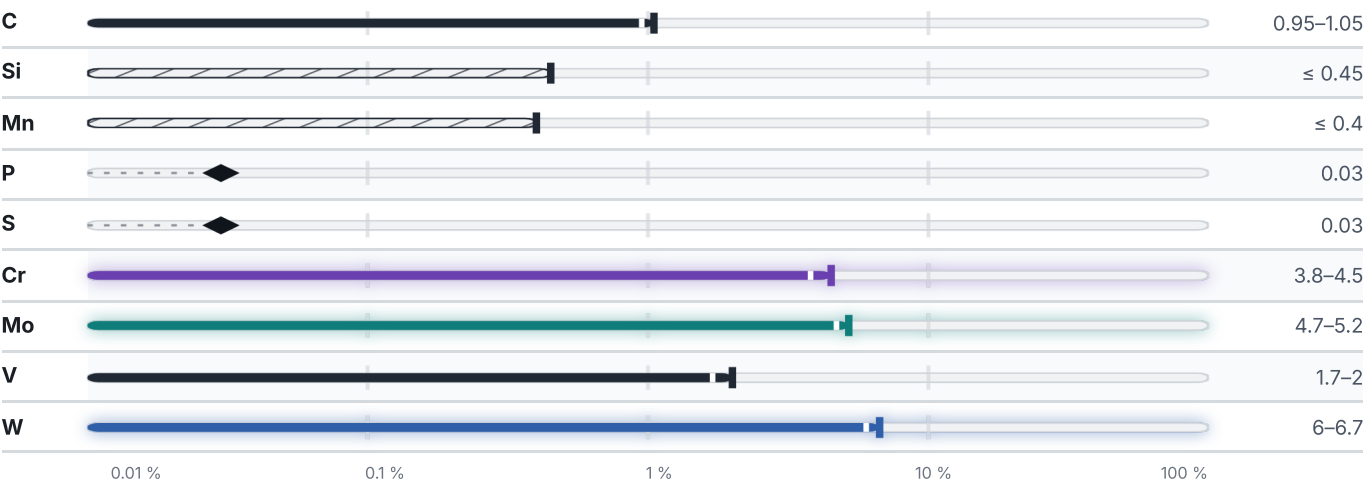
Chemical composition

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: Ni.

Mechanical properties		1 values across 1 conditions
SOFT ANNEALED	HB	
Soft annealed	269	

Physical properties			1 values
PROPERTY	VALUE	UNIT	
Density	8.2	g/cm³	

Designations across standards			7 designations · 1 documented as identical		
United States		3	France		1
K 2	aisi-sae		Z90WDCV06-05-04-03		afnor
k 3	aisi-sae				
M3	aisi-sae		Czechia		1
Europe		2	19829		csn
HS6-5-2C	din-en				
SC 6-5-2	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 SC 6-5-2

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	1.3342	Aug 20, 2026