

MATERIAL NUMBER 1.3339 · CLASS 1.3

1.3339

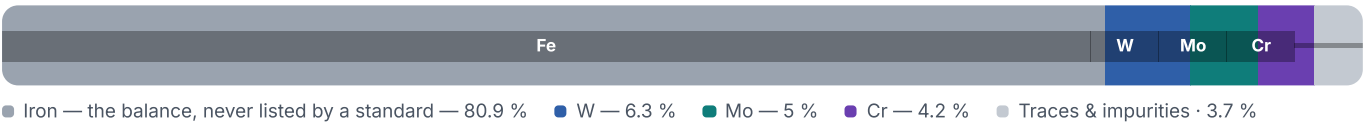
Chemical composition, mechanical and physical property values, and 21 standard designations from 15 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 21 in 15 regions	PROPERTY VALUES 12 on file
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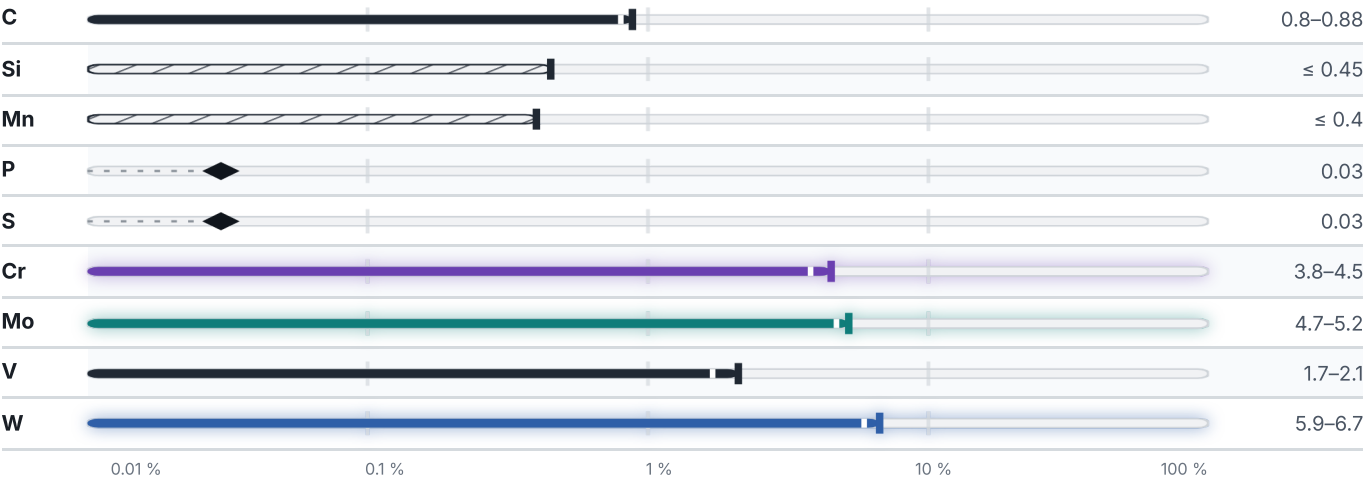
Chemical composition

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

3 values across 3 conditions

SOFT ANNEALED	HB
Soft annealed	262
CONDITION · DIMENSION	HB
(annealing) , GOST 19265-73	255
CONDITION · DIMENSION	HB
Annealed	262

Physical properties

3 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³
Transformation point Ac1	815	°C
Transformation point Ar1	730	°C

Designations across standards

21 designations · 3 documented as identical

Europe	3	Japan	1
HS 6-5-2 This grade's own name	din-en	SKH51	jis
HS6-5-2 This grade's own name	din-en		
S6-5-2	din-en	China	1
		W6Mo5Cr4V2	gb
United States	3	Russia / CIS	1
T11302	uns	R6M5	gost
M2	aisi-sae		
M2	astm	Italy	1
International	2	HS6-5-2	uni
HS6-5-2	iso		
HS6-5-2C	iso	Sweden	1
		2722	ss
South Korea	2	Czechia	1
SKH51 This grade's own name	ks	19830	csn
SKH9	ks		
United Kingdom	1	Slovakia	1
BM2	bs	19 830	stn
France	1	Poland	1
Z85WDCV06-05-04-02	afnor	SW7M	pn

Austria	1
S600	onorm

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 1.3339
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	1.3339	Aug 20, 2026