

MATERIAL NUMBER 1.3348 · CLASS 1.3

1.3348

Chemical composition, mechanical and physical property values, and 13 standard designations from 8 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 13 in 8 regions	PROPERTY VALUES 10 on file
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Chemical composition

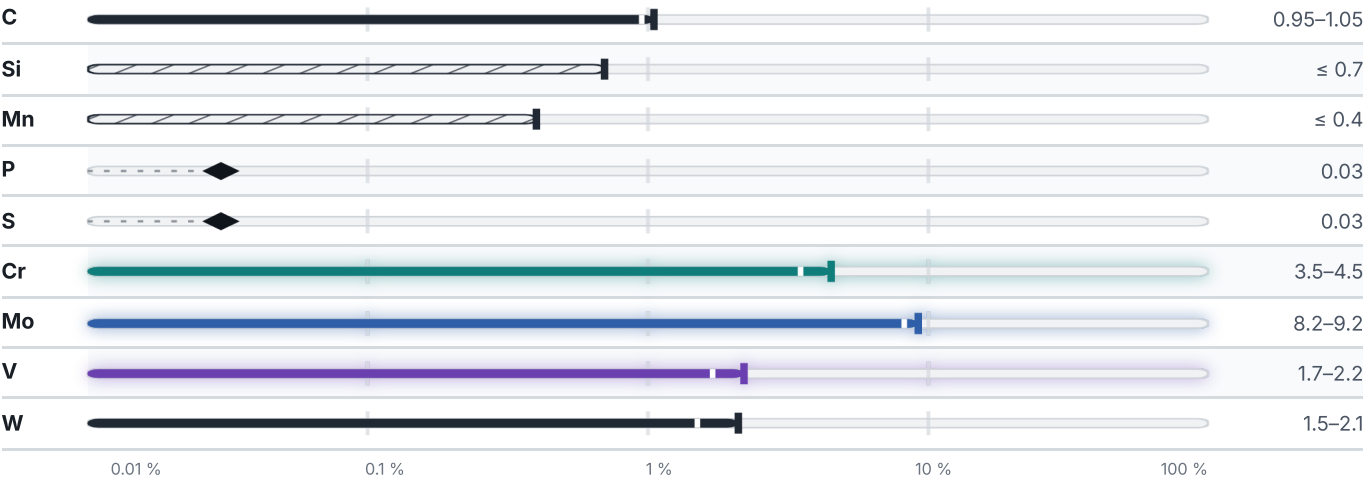
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 81.4 % ● Mo — 8.7 % ● Cr — 4 % ● V — 2 % ● Traces & impurities · 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: Ni.

Mechanical properties

2 values across 2 conditions

CONDITION · DIMENSION	HB
Annealed	269
SOFT ANNEALED	HB
Soft annealed	269

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

13 designations · 5 documented as identical

Europe	3	France	1
1.3348	din-en	Z100DCWV09-04-02-02	afnor
HS2-9-2	This grade's own name din-en		
S 2-9-2	This grade's own name din-en	Japan	1
		SKH58	jis
Spain	3		
2-9-2	une	Italy	1
F.5607	une	HS2-9-2	uni
HS2-9-2	une		
		Sweden	1
United States	2	2782	ss
T11307	This grade's own name uns		
M7	This grade's own name aisi-sae	South Korea	1
		SKH58	This grade's own name 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 1.3348

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

Start an enquiry

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

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ISSUED

Aug 20, 2026