

MATERIAL NUMBER 1.1234 · CLASS 1.1

1.1234

Chemical composition, mechanical and physical property values, and 13 standard designations from 9 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 13 in 9 regions	PROPERTY VALUES 6 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, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

13 designations · 4 documented as identical

United States4		Japan1	
G10690	This grade's own nameuns	S65CM	jis
1065	aisi-sae		
1069	This grade's own nameaisi-sae	Russia / CIS	1
J403	aisi-sae	65	gost
Europe2		Czechia1	
C68E	This grade's own namedin-en	12 061	csn
Ck 68	This grade's own namedin-en		
France1		Slovakia1	
XC68	afnor	12061	stn
International1		Poland1	
CS65	iso	gat. 65	pn

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 1.1234

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	1.1234	Aug 20, 2026