

MATERIAL NUMBER 1.5069 · CLASS 1.5

1.5069

Chemical composition, mechanical and physical property values, and 12 standard designations from 7 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 12 in 7 regions	PROPERTY VALUES 6 on file
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Chemical composition

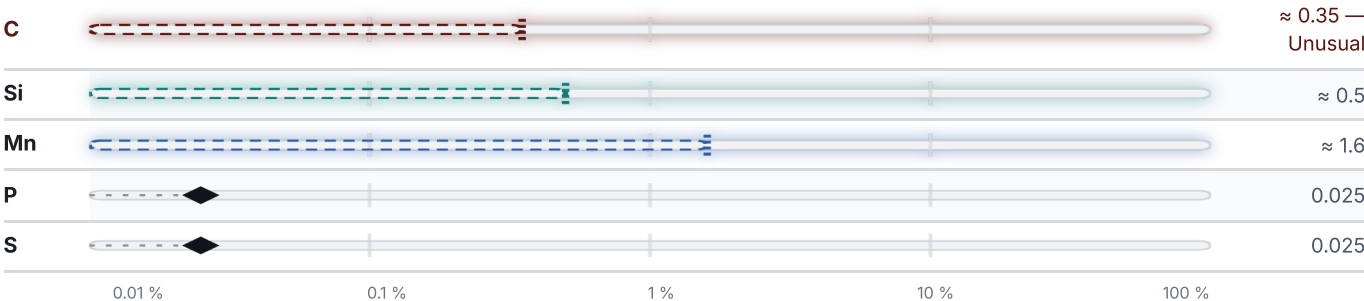
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 97.5 % ● Mn — 1.6 % ● Si — 0.5 % ● C — 0.4 % ● Traces & impurities · 0 %

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

12 designations · 5 documented as identical

United States		6	Japan		1
G13350	This grade's own name	uns	SMn443		jis
G13400		uns	China		1
H13400	This grade's own name	uns	40Mn2		gb
1335	This grade's own name	aisi-sae	Russia / CIS		1
1340		aisi-sae	40Г2		gost
1340H	This grade's own name	aisi-sae	Czechia		1
Europe		1	14 240		csn
36Mn7	This grade's own name	din-en			
France		1			
40M5		afnor			

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 1.5069

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	1.5069	Aug 20, 2026