

MATERIAL NUMBER 1.3912 · CLASS 1.3

F1684

Material no. 1.3912

also listed as Ni36

Chemical composition, mechanical and physical property values, and 10 standard designations from 4 regions.

DENSITY 8.2 g/cm ³	OTHER DESIGNATIONS 10 in 4 regions	PROPERTY VALUES 6 on file
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Chemical composition

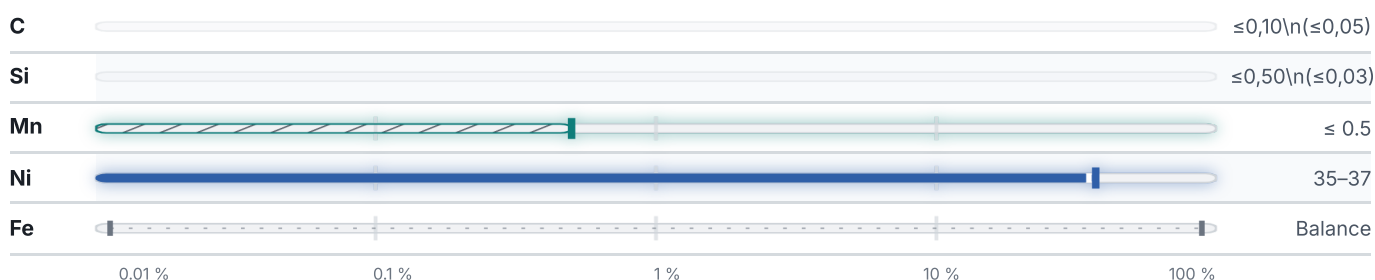
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 63.5 % ● Ni — 36 % ● Mn — 0.5 %

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: C, Si, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	8.2	g/cm ³

Designations across standards

10 designations · 3 documented as identical

United States		7	Europe		1
K93600	This grade's own name	uns	Ni36	This grade's own name	din-en
K93601	This grade's own name	uns			
K93603		uns	Czechia		1
B 388		astm	17 536		csn
B 753		astm			
F1684		astm	Serbia		1
F1684-06		astm	Č.5160		srps

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 F1684

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	1.3912	Aug 20, 2026