

MATERIAL NUMBER 1.2766 · CLASS 1.2

19 642

Material no. 1.2766

also listed as 35NiCrMo16

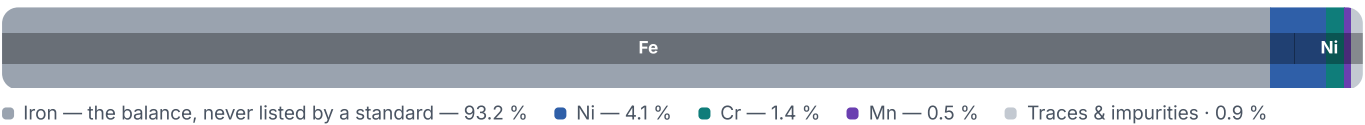
Chemical composition, mechanical and physical property values, and 10 standard designations from 6 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 10 in 6 regions	PROPERTY VALUES 9 on file
--	--	-------------------------------------

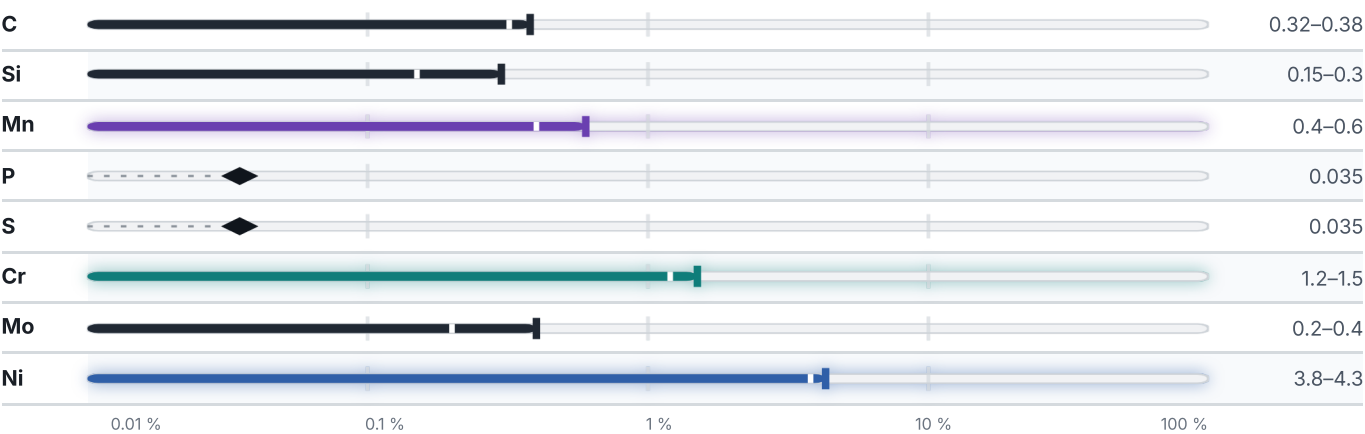
Chemical composition

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

This grade's composition falls outside the published model's validated range (a low-alloy composition window), so no transformation temperature is predicted here.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

10 designations · 1 documented as identical

France	4	Europe	1
40NCD16	afnor	35NiCrMo16	This grade's own name din-en
40NCDV16	afnor		
40NiCrMo16	afnor	International	1
40NiCrMoV16	afnor	45NiCrMo16	iso
United States	2	Czechia	1
6F3	aisi-sae	19 642	csn
6F7	aisi-sae	Poland	1
		NPW	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 19 642

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

MATERIAL NO.

1.2766

ISSUED

Aug 20, 2026