

MATERIAL NUMBER NI 6095

W86095

Material no. Ni 6095

also listed as NiCr15Fe8NbMoW

Chemical composition, mechanical and physical property values, and 2 standard designations from 2 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	2 in 2 regions	13 on file

Chemical composition

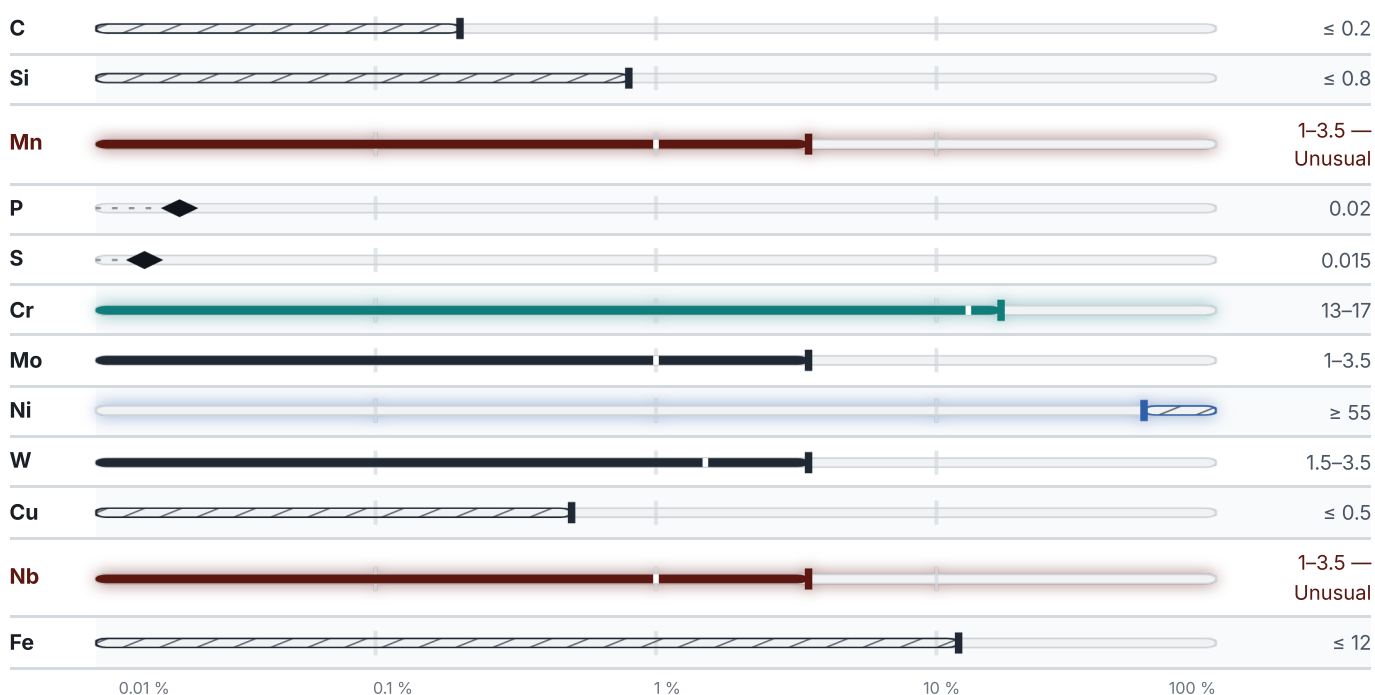
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 19.2 % ● Ni — 55 % ● Cr — 15 % ● W — 2.5 % ● Traces & impurities · 8.3 %

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.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

2 designations · 2 documented as identical

Europe	1	United States	1
NiCr15Fe8NbMoW	This grade's own name din-en	W86095	This grade's own name uns

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 W86095

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

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ISSUED
Aug 20, 2026