

ДИ37

also listed as 11KH4V2MF3S2

Chemical composition, mechanical and physical property values, and 3 standard designations from 1 regions.

OTHER DESIGNATIONS	PROPERTY VALUES
3 in 1 regions	11 on file

Chemical composition

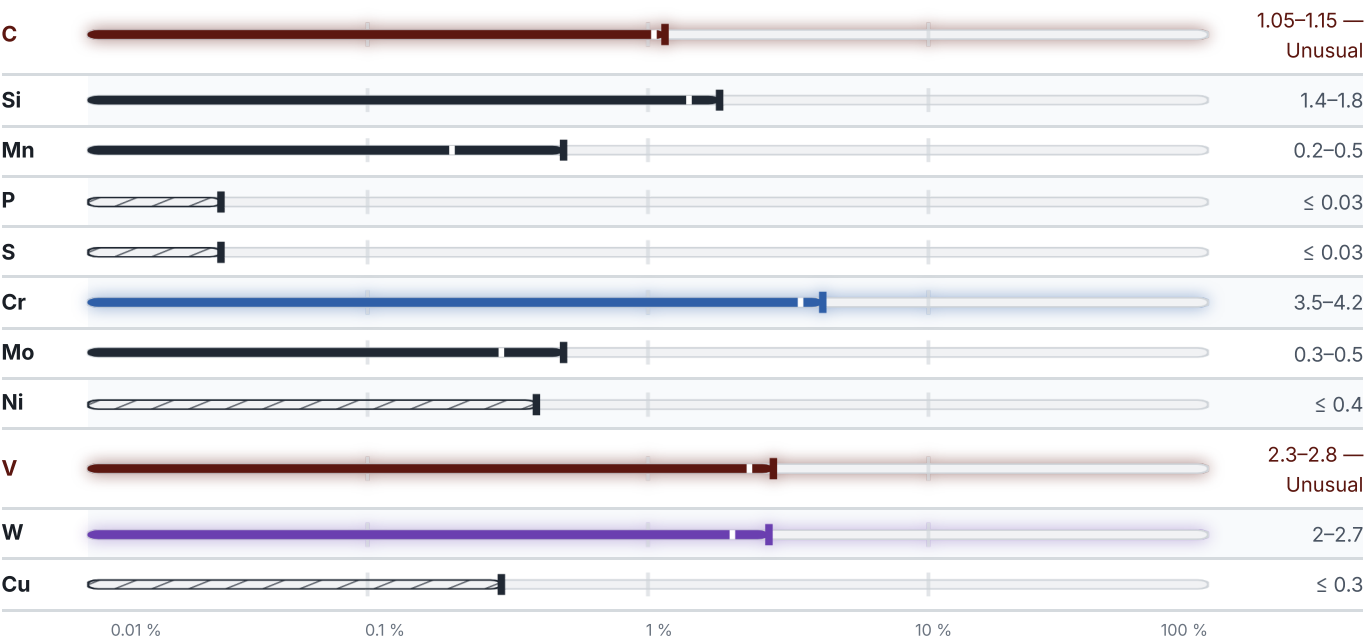
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 87 % ● Cr — 3.9 % ● V — 2.6 % ● W — 2.4 % ● Traces & impurities · 4.2 %

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.

Mechanical properties

2 values across 2 conditions

CONDITION · DIMENSION	RE N/mm ²
Quenching and drawing	2400–2800
CONDITION · DIMENSION	HB
11KH4V2MF3S2 (11X4B2MΦ3C2) (annealing) , GOST 5950-2000	255

Designations across standards

3 designations · 1 documented as identical

Russia / CIS	3
11KH4V2MF3S2 This grade's own name	gost
11X4B2MΦ3C2	gost
ДИ37	gost

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 ДИ37

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	—	Aug 15, 2026