

MATERIAL NUMBER 1.2606 · CLASS 1.2

1.2606

Chemical composition, mechanical and physical property values, and 11 standard designations from 8 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 11 in 8 regions	PROPERTY VALUES 10 on file
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Chemical composition

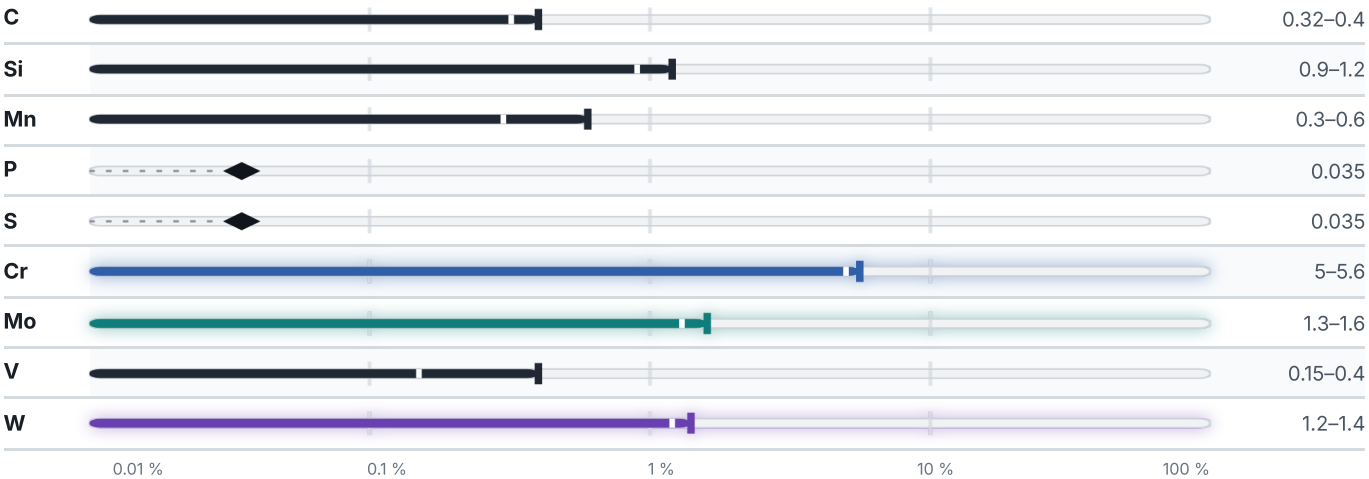
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 89.7 % ● Cr — 5.3 % ● Mo — 1.5 % ● W — 1.3 % ● Traces & impurities · 2.2 %

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

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/cm³

Designations across standards

11 designations · 3 documented as identical

United States	3	United Kingdom	1
T20812 This grade's own name	uns	BH12	bs
A 2	aisi-sae	France	1
H12 This grade's own name	aisi-sae	Z35CWDV5	afnor
Czechia	2	International	1
19571	csn	X35CrMoV5	iso
19571 PH	csn	Japan	1
Europe	1	SKD62	jis
X37CrMoW5-1 This grade's own name	din-en	Serbia	1
		Č.4752	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 1.2606

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.

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ISSUED

Aug 20, 2026