

MATERIAL NUMBER 1.4826 · CLASS 1.4

HRSC13A

Material no. 1.4826

also listed as GX40CrNiSi22-10

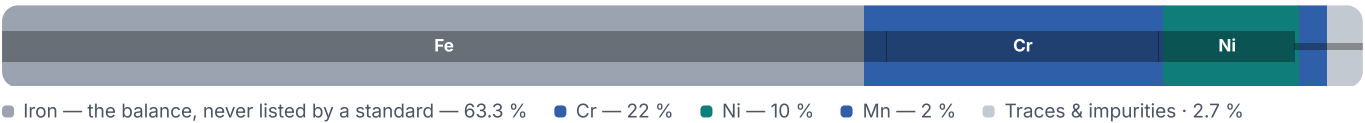
Chemical composition, mechanical and physical property values, and 28 standard designations from 13 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 28 in 13 regions	PROPERTY VALUES 9 on file
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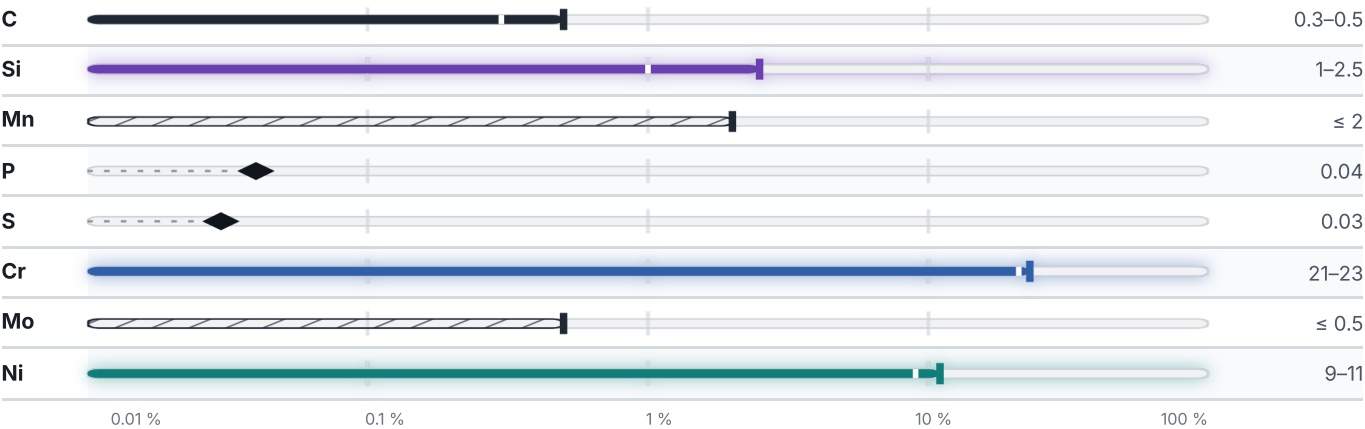
Chemical composition

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

28 designations · 2 documented as identical

United States		7	Russia / CIS		2
J92502	uns		40KH24N12SL		gost
J92803	uns		40X24H12CЛ		gost
HF	aisi-sae		Czechia		2
HH	aisi-sae		422 934		csn
J93503	aisi-sae		422936		csn
J94003	aisi-sae		France		1
J94013	aisi-sae		Z40CN25-12		afnor
Japan		4	China		1
SCH12	jis		ZG35Cr26Ni12		gb
SCH13A	jis		Italy		1
SCH17	jis		GX35CrNi25-12		uni
SCS17	jis		Poland		1
South Korea		3	LH23N18C		pn
HRSC13A	ks		Hungary		1
HRSC17	ks		40CrNiSi25-12		msz
SSC17	ks		Romania		1
Europe		2	T35NiCr260		stas
GX40CrNiSi22-10	This grade's own name	din-en			
GX40CrNiSi22-9	This grade's own name	din-en			
United Kingdom		2			
309C30	bs				
309C35	bs				

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 HRSC13A

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	1.4826	Aug 20, 2026