

MATERIAL NUMBER 1.7262 · CLASS 1.7

1.7262

Chemical composition, mechanical and physical property values, and 63 standard designations from 19 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 63 in 19 regions	PROPERTY VALUES 8 on file
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Chemical composition

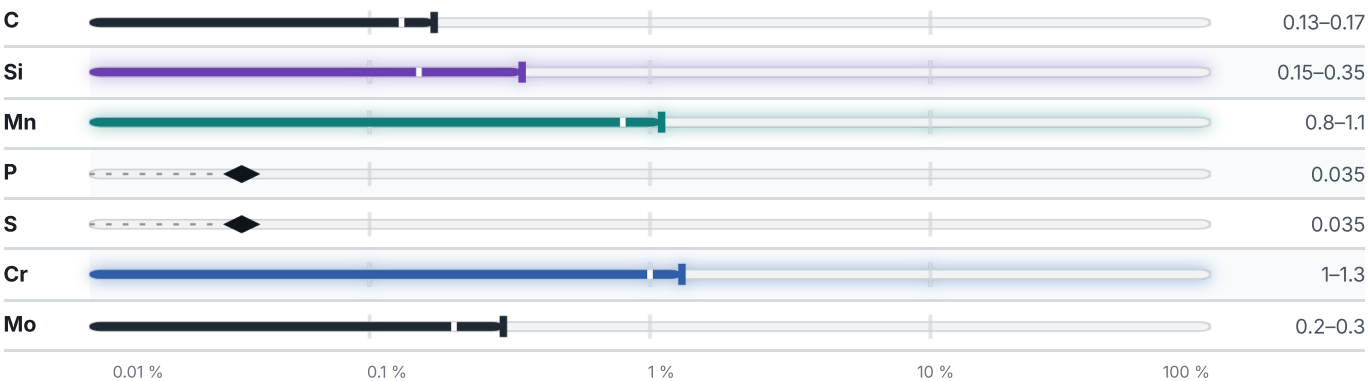
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 97.2 % ● Cr — 1.2 % ● Mn — 1 % ● Si — 0.3 % ● Traces & impurities · 0.5 %

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

Heat treatment

3 regimes

STEP	TEMPERATURE	MEDIUM
source joins the operations with + / procedural order		
Normalizing	900–960 °C	—
Tempering	680–730 °C	—
Quenching	900 °C	—
Tempering	680–750 °C	—
Normalizing	900–960 °C	—
Tempering	680–730 °C	—
source joins the operations with + / procedural order		
Normalizing	Temperature not stated	—
Tempering	Temperature not stated	—
source joins the operations with + / procedural order		
Normalizing	Temperature not stated	—
Tempering	Temperature not stated	—

Designations across standards

63 designations · 1 documented as identical

United States		8	Italy		7
A387Gr.12Cl.2	aisi-sae		13CrMo4-5		uni
K11562	aisi-sae		14CrMo3		uni
K11564	aisi-sae		16CrMo3		uni
K11572	aisi-sae		18CrMo45KG		uni
K11597	aisi-sae		18CrMo45KW		uni
K11757	aisi-sae		A18CrMo4-5KW		uni
K11789	aisi-sae		B18CrMo4-5KG		uni
K12062	aisi-sae				
Japan		8	United Kingdom		6
SCM415	jis		13CrMo4-5		bs
SCM415H	jis		1501-620		bs
SFVAF12	jis		1501-621		bs
STBA20	jis		620-440		bs
STBA22	jis		620-470		bs
STFA22	jis		620-540		bs
STPA20	jis				
STPA22	jis				

France	6	Europe	2
12CD4	afnor	1.7262	din-en
13CrMo4-5	afnor	15CrMo5 This grade's own name	din-en
14CrMo4-5	afnor		
15CD3.5	afnor	Russia / CIS	2
15CD4.05	afnor	15KhM	gost
15CD4.5	afnor	15XM	gost
China	5	Poland	2
12CrMo	gb	15HM	pn
12CrMoG	gb	18HGM	pn
15CrMo	gb		
15CrMog	gb	Hungary	2
15CrMoR	gb	13CrMo4-5	msz
		KL9	msz
Spain	3	Sweden	1
12CrMo4	une	2216	ss
14CrMo4-5	une		
F.2631	une	Czechia	1
Bulgaria	3	15121	csn
13CrMo4-5	bds	Serbia	1
14ChM	bds	Č.4720	srps
15ChM	bds		
South Korea	3	Romania	1
SFVAF12	ks	14CrMo4	stas
STHA20	ks		
STHA22	ks	Austria	1
		13CrMo4-4KW	onorm
		Belgium	1
		14CrMo45	nbn

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 1.7262

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

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GRADE SEARCH

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ISSUED

Aug 20, 2026