

MATERIAL NUMBER 1.7216 · CLASS 1.7

H41200

Material no. 1.7216

also listed as 30CrMo4

Chemical composition, mechanical and physical property values, and 24 standard designations from 8 regions.

DENSITY**7.85** g/cm³**OTHER DESIGNATIONS****24** in 8 regions**PROPERTY VALUES****8** on file

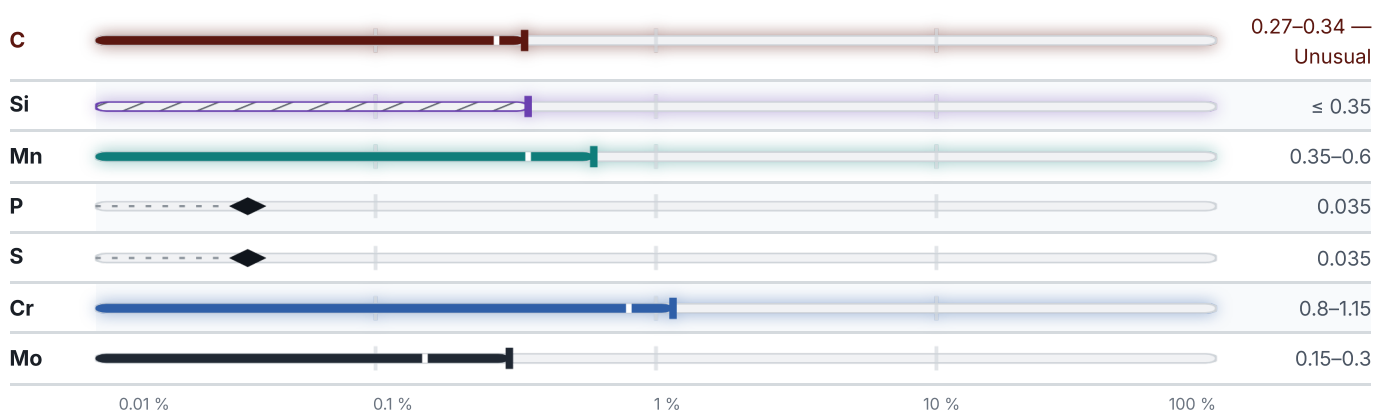
Chemical composition

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

Not enough recorded composition to predict a transformation temperature for this grade — missing: Ni.

Mechanical properties

13 values across 2 conditions

QUENCHED AND TEMPERED	REH N/mm ²	RM N/mm ²	A %
≤ 8	750	950	12
8 – 20	630	850	13
20 – 50	520	750	14
50 – 80	480	700	15
SOFT ANNEALED			HB
Soft annealed			223

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

24 designations · 6 documented as identical

United States / Aerospace		10	Japan	2
6345	ams		SCM420	jis
6346	ams		SCM430	jis
6348	ams			
6350	ams		Europe	1
6351	ams		30CrMo4 This grade's own name	din-en
6360	ams			
6361	ams		United Kingdom	1
6370	ams		1717COS110	bs
6371	ams			
6374	ams		France	1
			30CD4	afnor
United States		7	China	1
G41300 This grade's own name	uns			
H41200 This grade's own name	uns		30CrMo	gb
K13047 This grade's own name	uns			
4120H This grade's own name	aisi-sae		Russia / CIS	1
4130 This grade's own name	aisi-sae		30XM	gost
A322	astm			
A331	astm			

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 H41200

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