

MATERIAL NUMBER 1.7036 · CLASS 1.7

28CrS4

Material no. 1.7036

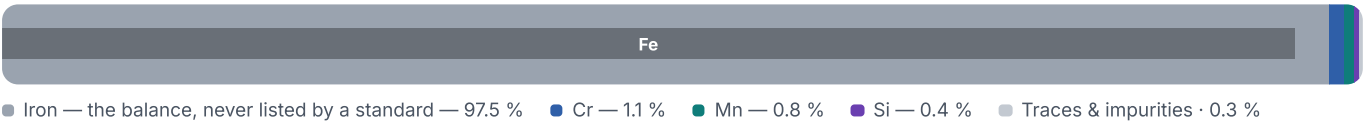
Chemical composition, mechanical and physical property values, and 7 standard designations from 3 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 7 in 3 regions	PROPERTY VALUES 7 on file
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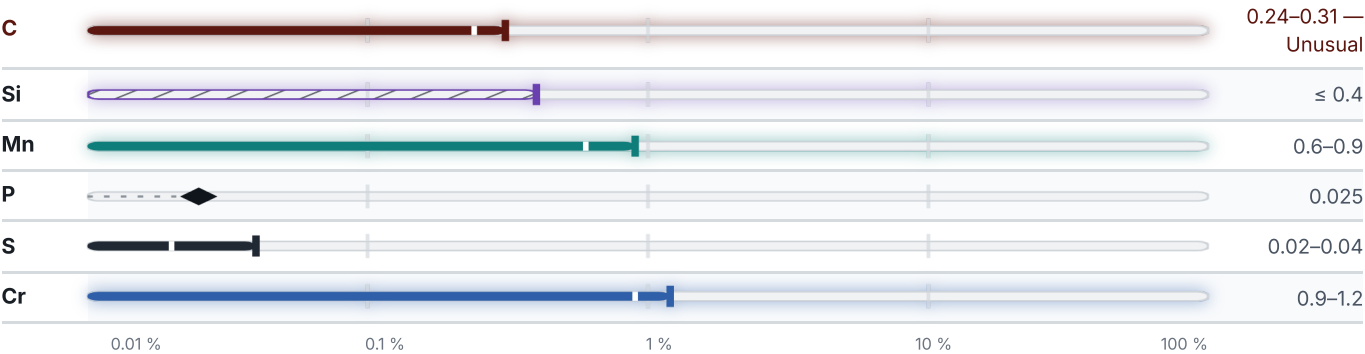
Chemical composition

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

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

Mechanical properties

4 values across 4 conditions

TREATED TO IMPROVE SHEARABILITY	HB
Treated to improve shearability	255
SOFT ANNEALED	HB
Soft annealed	217
TREATED TO HARDNESS RANGE	HB
Treated to hardness range	166–217
TREATED TO FERRITE-PEARLITE STRUCTURE AND HARDNESS RANGE	HB
Treated to ferrite-pearlite structure and hardness range	156–207

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

7 designations · 5 documented as identical

United States	4	Russia / CIS	2
G51300 This grade's own name	uns	30X	gost
H51300 This grade's own name	uns	cr.30X	gost
5130 This grade's own name	aisi-sae		
5130H This grade's own name	aisi-sae	Europe	1
		28CrS4 This grade's own name	din-en

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 28CrS4

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

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ISSUED

Aug 20, 2026