

MATERIAL NUMBER 1.7386 · CLASS 1.7

13X9M

Material no. 1.7386

also listed as X11CrMo9-1

Chemical composition, mechanical and physical property values, and 17 standard designations from 5 regions.

DENSITY

7.85 g/cm³

OTHER DESIGNATIONS

17 in 5 regions

PROPERTY VALUES

10 on file

Chemical composition

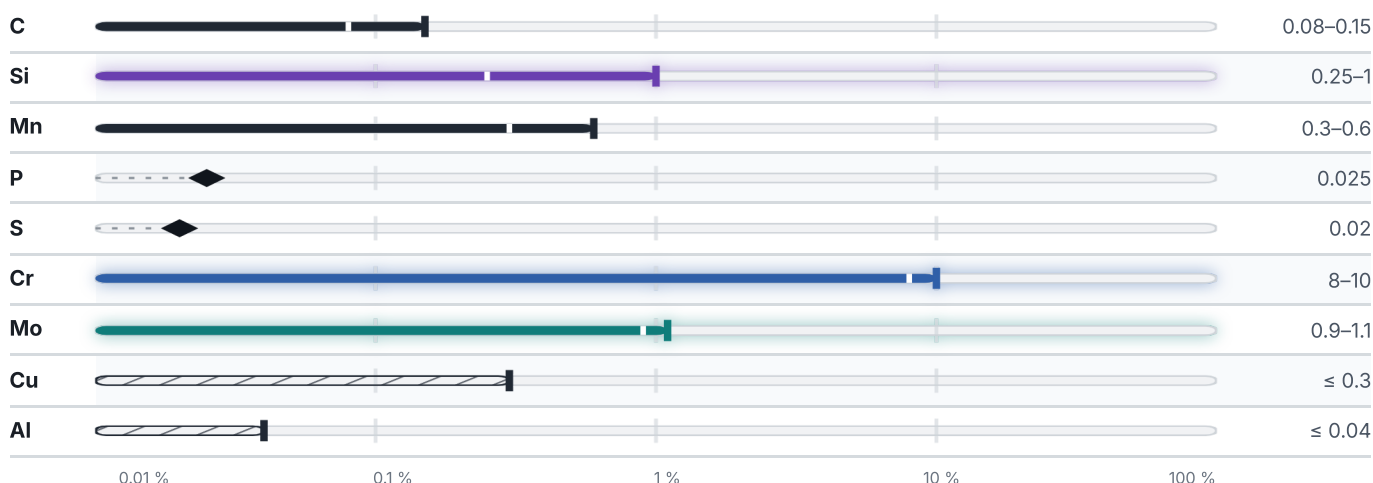
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 88.4 % ● Cr — 9 % ● Mo — 1 % ● Si — 0.6 % ● Traces & impurities · 0.9 %

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

17 designations · 7 documented as identical

United States		9	Japan		3
K90941	This grade's own name	uns	STBA26		jis
S50400	This grade's own name	uns	STFA26		jis
S50488	This grade's own name	uns	STPA26		jis
503	This grade's own name	aisi-sae	Europe2		
504		aisi-sae			
A 182 F 9	This grade's own name	astm	X11CrMo9-1	This grade's own name	din-en
A213 T9		astm	X12CrMo9-1	This grade's own name	din-en
A335 P9		astm	Russia / CIS2		
A387 Grade 9		astm			
			13Ch9M		gost
			13X9M		gost
			Czechia1		
			17116		csn

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 13X9M

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	1.7386	Aug 20, 2026