

X15H24B4T

also listed as 08KH15N24V4TR

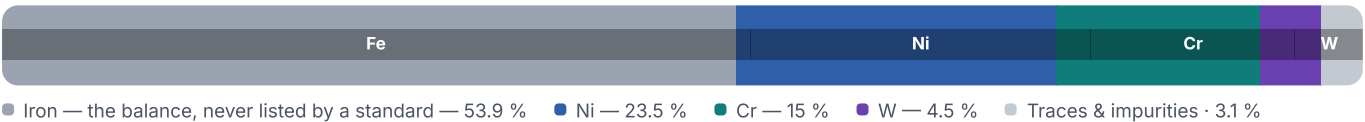
Chemical composition, mechanical and physical property values, and 4 standard designations from 1 regions.

OTHER DESIGNATIONS	PROPERTY VALUES
4 in 1 regions	13 on file

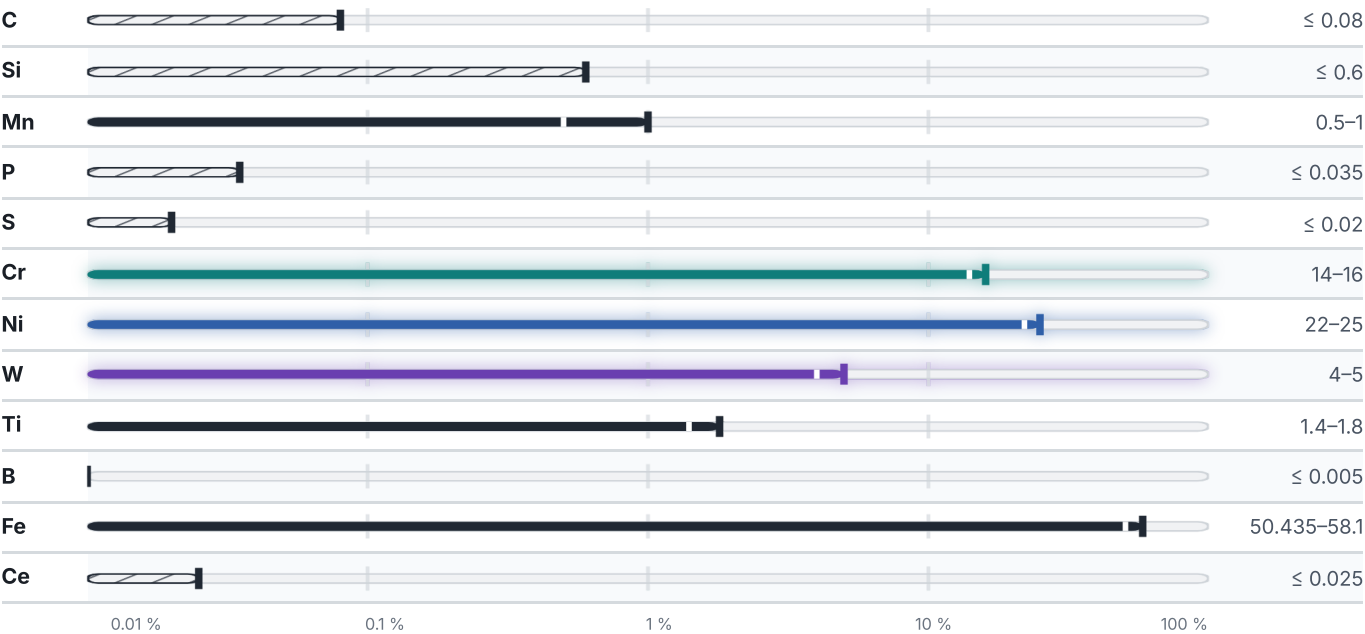
Chemical composition

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: Mo.

Mechanical properties

10 values across 2 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %	Z %	KCU kJ/m ²
Bar	750	450	18	35	800

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %	Z %	KCU kJ/m ²
Bar	750	500	20	30	1200

Physical properties

1 values

CONDITION · DIMENSION	RHO g/cm ³	E GPa	ALPHA 10 ⁻⁶ /K	LAMBDA W/(m·K)
20	8.23	223	—	12.2
100	—	215	14.5	—
200	—	209	15.5	—
300	—	200	16.3	—
400	—	191	16.8	—
500	—	182	17.2	—
600	—	—	17.4	—
650	—	169	17.5	—
700	—	165	17.8	—
750	—	161	17.9	—
800	—	156	—	—

Technological properties

PROPERTY	VALUE	UNIT
Weldability	hard weldability.	

Designations across standards

4 designations · 1 documented as identical

Russia / CIS	4
08KH15N24V4TR This grade's own name	gost
08X15H24B4TP	gost
X15H24B4T	gost
ЭП164	gost

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 X15H24B4T

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

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DATASHEET ONLINE

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MATERIAL NO.

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ISSUED

Aug 15, 2026