

MATERIAL NUMBER 1.0332 · CLASS 1.0

DD 11

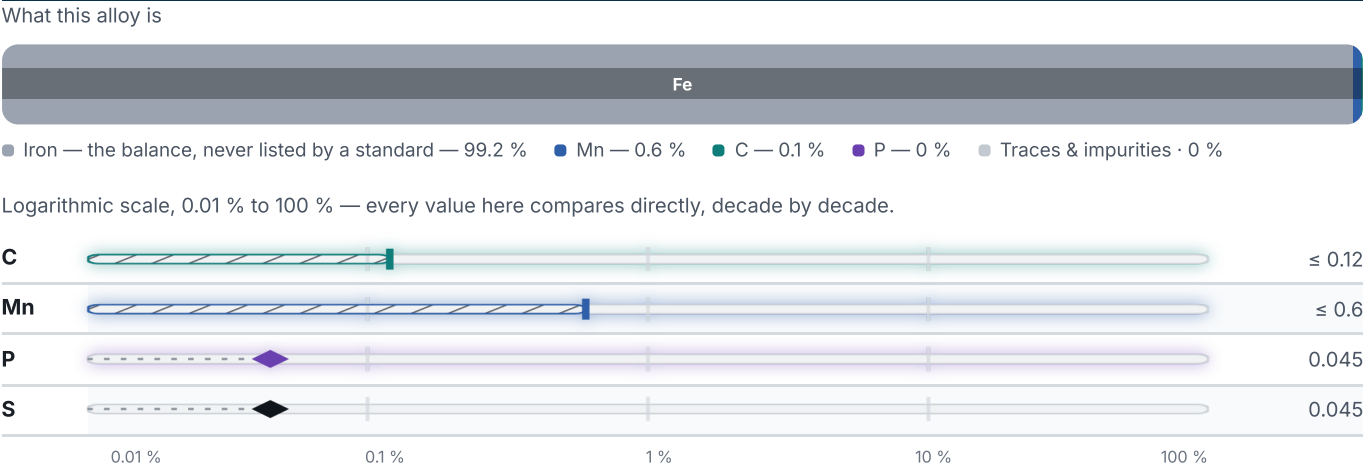
Material no. 1.0332

Chemical composition, mechanical and physical property values, and 42 standard designations from 16 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 42 in 16 regions	PROPERTY VALUES 5 on file
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Chemical composition

Mass fraction in %



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: Si, Ni, Cr, Mo.

Mechanical properties

10 values across 3 conditions

CONDITION · DIMENSION	REH N/mm ²	A80 % · Lo = 80 mm	A % · Lo = 5,65 √So
1–2	170–360	–	–
1–1.5	–	22	–

CONDITION · DIMENSION	REH N/mm ²	A80 % · Lo = 80 mm	A % · Lo = 5,65 √So
1.5 – 2	–	23	–
2 – 11	170–340	–	–
2 – 3	–	24	–
3 – 11	–	–	28
CONDITION · DIMENSION	RM N/mm ²	A %	
Plate/Sheet Hot-rolled	270	30–39	
CONDITION · DIMENSION	RM N/mm ²	A %	
Plate/Sheet	270	30–39	

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

42 designations · 4 documented as identical

United States	12	Russia / CIS	3
1015	aisi-sae	15kp	gost
1017	aisi-sae	15кп	gost
A366	aisi-sae	ст.15кп	gost
A621	aisi-sae		
A621CQ	aisi-sae	France	2
CS	aisi-sae	1 C	afnor
G10080	aisi-sae	DD11	afnor
G10150	aisi-sae		
G10170	aisi-sae	Spain	2
M1015	aisi-sae	AP11	une
M1017	aisi-sae	DD11	une
A 1011CS Type B This grade's own name	astm	Japan	2
United Kingdom	4	PHD	jis
1449-4HR	bs	SPHD	jis
14HR	bs		
DD11	bs	Czechia	2
HR3	bs	11320	csn
		11331	csn
Europe	3	Poland	2
CS	din-en		
DD 11 This grade's own name	din-en	08J	pn
StW 22 This grade's own name	din-en	15X	pn

Australia / New Zealand		2	International		1
CA1	as-nzs		HR2		iso
HA1	as-nzs				
Bulgaria		2	China		1
15kp	bds		15F		gb
DD11	bds		Italy		1
Austria		2	FeP11		uni
St12F	onorm		South Korea		1
St22F	onorm		SPHD	This grade's own name	ks

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 DD 11

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	1.0332	Aug 20, 2026