

MATERIAL NUMBER 1.0322 · CLASS 1.0

FB8

Material no. 1.0322

also listed as DX 56 D

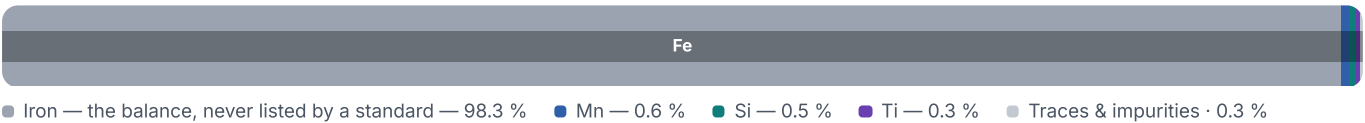
Chemical composition, mechanical and physical property values, and 60 standard designations from 18 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 60 in 18 regions	PROPERTY VALUES 10 on file
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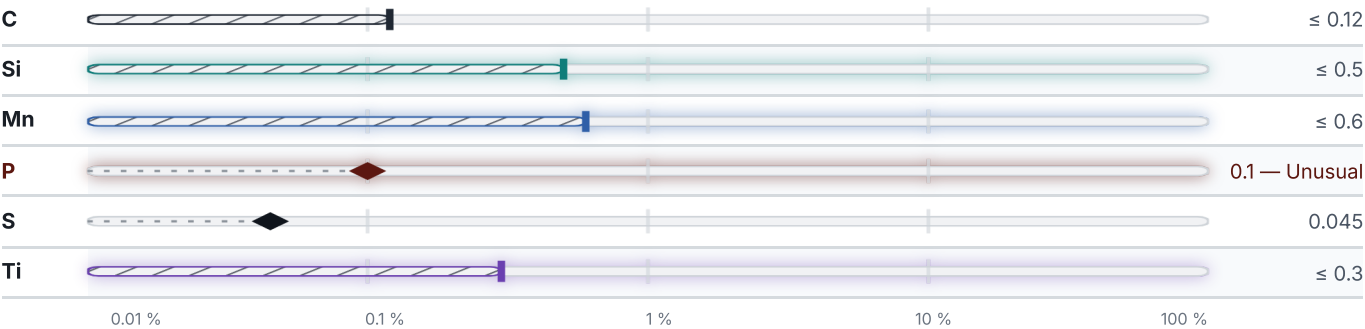
Chemical composition

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, Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Heat treatment

1 regimes

STEP	TEMPERATURE	MEDIUM
Normalizing	Temperature not stated	—

Designations across standards

60 designations · 1 documented as identical

Australia / New Zealand		8	United Kingdom		6
1008	as-nzs		040A10		bs
CA1	as-nzs		1449-1HR		bs
CA2	as-nzs		1HR		bs
CA3	as-nzs		2HR		bs
CA4	as-nzs		DC01		bs
HA1	as-nzs		DD13		bs
HA3	as-nzs				
HA4N	as-nzs		Japan		4
			SPCC		jis
France		7	SPHE		jis
3C	afnor		SWRCH10R		jis
DC01	afnor		SWRCH8R		jis
DD13	afnor				
FB8	afnor		Czechia		4
Fd4	afnor		11304		csn
FR8	afnor		11320		csn
XC6	afnor		11321		csn
			11325		csn
Austria		7	Spain		3
St02F	onorm		AP13		une
St02FK32	onorm		DC01		une
St02FK40	onorm		DD13		une
St02FK50	onorm				
St02FK60	onorm		Bulgaria		3
St02FK70	onorm		08		bds
St24F	onorm		DD11		bds
			DD13		bds
United States		6			
1008	aisi-sae		China		2
1010	aisi-sae				
A619	aisi-sae		08F		gb
A622	aisi-sae		ML08		gb
G10080	aisi-sae				
G10120	aisi-sae				

Russia / CIS	2	Poland	1
08kp	gost	08X	pn
08кп	gost		
Italy	2	Hungary	1
DC01	uni	ASZ2	msz
FeP13	uni	Romania	1
Europe	1	A1n	stas
DX 56 D This grade's own name	din-en	Finland	1
Sweden	1	RACOLD01F	sfs
1147	ss		

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 FB8

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	1.0322	Aug 20, 2026