

A193 Grade B8S

also listed as S21800

Chemical composition, mechanical and physical property values, and 21 standard designations from 2 regions.

OTHER DESIGNATIONS	PROPERTY VALUES
21 in 2 regions	0 on file

Chemical composition

Mass fraction in %

No chemical composition is on file for this material number.

Predicted transformation temperatures

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

Designations across standards

21 designations · 1 documented as identical

United States		19	F594	astm
S21800	This grade's own name	uns	F738	astm
S41623		uns	F836	astm
416Se		aisi-sae	United States / Aerospace	
51416Se		aisi-sae		2
A193 Grade B8S		astm	5610	ams
A194		astm	5848	ams
A240		astm		
A276		astm		
A314		astm		
A473		astm		
A479		astm		
A511		astm		
A581		astm		
A582		astm		
A895		astm		
F593		astm		

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 A193 Grade B8S

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

[Start an enquiry](#)

DATASHEET ONLINE
View the material page

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MATERIAL NO.
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ISSUED
Aug 15, 2026