

S46500

Chemical composition, mechanical and physical property values, and 5 standard designations from 2 regions.

OTHER DESIGNATIONS

5 in 2 regions

PROPERTY VALUES

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

5 designations · 1 documented as identical

United States		4	United States / Aerospace		1
S46500	This grade's own name	uns	5936		ams
A564		astm			
A693		astm			
F899		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 S46500

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

[Start an enquiry](#)

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

MATERIAL NO.

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ISSUED

Aug 15, 2026