

A693 Grade XM16

also listed as S45500

Chemical composition, mechanical and physical property values, and 6 standard designations from 2 regions.

OTHER DESIGNATIONS

6 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

6 designations · 1 documented as identical

United States		3	United States / Aerospace		3
S45500	This grade's own name	uns	5578		ams
A564		astm	5617		ams
A693 Grade XM16		astm	5860		ams

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 A693 Grade XM16

[Start an enquiry](#)

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

DATASHEET ONLINE

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MATERIAL NO.

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ISSUED

Aug 15, 2026