

NOTICE OF
ADOPTION

AMS 2360B-90
NOTICE 1
10 October 1991
SUPERSEDING
AMS 2360A
18 December 1978

ADOPTION NOTICE

ROOM TEMPERATURE TENSILE PROPERTIES OF CASTINGS

The above non-Government document was adopted on 10 October 1991 and is approved for use by the DoD. The indicated industry group has furnished the clearances required by existing regulations. Copies of the document should be ordered from Standardization Documents Order Desk, Bldg 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094 for issue to DoD activities only. All others desiring copies must obtain them from SAE, 400 Commonwealth Drive, Warrendale, PA 15096.

RELEASING NON-GOVERNMENT STANDARDS BODY: Society of Automotive Engineers

AMS APPROVAL DATE: 1 October 1990

Custodians:

- Army - MR
- Navy - AS
- Air Force - 11

Military Coordinating Activity:

- Army - MR
- Project MECA-0498

SAENORM.COM : Click to view the full PDF of ams2360b

DISTRIBUTION STATEMENT A Approved for public release; distribution unlimited. AREA MECA

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE MATERIAL SPECIFICATION

SAE AMS-2360

REV
B

Issued 1966-09-30

Revised 1990-10-01

Superseding AMS-2360A

Submitted for recognition as an American National Standard

ROOM TEMPERATURE TENSILE PROPERTIES OF CASTINGS

1. **SCOPE:** This specification establishes a procedure for designating minimum room-temperature tensile property requirements of castings by means of this AMS number and a series of dash numbers.
2. **APPLICABLE DOCUMENTS:** The following publications form a part of this specification to the extent specified herein. The applicable issue of referenced publications shall be the issue in effect on the date of the purchase order.
 - 2.1 **ASTM Publications:** Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.
 - ASTM E 8 - Tension Testing of Metallic Materials
 - ASTM E 8M - Tension Testing of Metallic Materials (Metric)
3. **TECHNICAL REQUIREMENTS:**
 - 3.1 **Tensile Specimens:** Shall be machined from a representative casting or castings after any heat treatment specified in the basic material specification has been accomplished. Specimens shall be of standard proportions in accordance with ASTM E 8 or ASTM E 8M with 0.250 inch (6.35 mm) diameter at the reduced parallel gage section, except that if the thickness of the casting is insufficient to provide such specimens, they shall be of a smaller size proportional to the standard as agreed upon by purchaser and vendor.
 - 3.1.1 **Specimen Location:** When property requirements are designated by the procedure of this specification, the location(s) in the casting to which the designated property requirements apply shall be as shown on the purchaser's drawing and as follows:
 - 3.1.1.1 When the property-limit dash-number designations of 3.2 apply to a specific area or areas, the designation of 3.2 may be used alone or with the final two-letter designation "DR" to indicate that the drawing shows the location(s) from which specimens shall be taken.

SAE Technical Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.