

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1156

SHIPBUILDING DETAILS
iTeh STANDARD PREVIEW
(unauthorized circulation)
WROUGHT ALUMINIUM ALLOYS FOR USE IN SHIPBUILDING

[ISO/R 1156:1969](https://standards.iteh.ai/catalog/standards/sist/e19bd9fc-8bf1-4c12-adaf-19ab097acd12/iso-r-1156-1969)

<https://standards.iteh.ai/catalog/standards/sist/e19bd9fc-8bf1-4c12-adaf-19ab097acd12/iso-r-1156-1969>

1st EDITION

November 1969

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 1156, *Shipbuilding details – Wrought aluminium alloys for use in shipbuilding*, was drawn up by Technical Committee ISO/TC 8, *Shipbuilding details*, the Secretariat of which is held by the Nederlands Normalisatie-Instituut (NNI).

Work on this question led to the adoption of a Draft ISO Recommendation.

In December 1968, this Draft ISO Recommendation (No. 1748) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	Sweden
Austria	Israel	Thailand
Belgium	Italy	Turkey
Brazil	Japan	U.A.R.
Czechoslovakia	Netherlands	United Kingdom
France	Peru	U.S.S.R.
Germany	Poland	Yugoslavia
Greece	Spain	

<https://standards.iteh.ai/catalog/standards/sist/e19bd9fc-8bfl-4c12-adaf-19ab097acd12/iso-r-1156-1969>

ISO/R 1156:1969

One Member Body opposed the approval of the Draft :

U.S.A.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in November 1969, to accept it as an ISO RECOMMENDATION.

SHIPBUILDING DETAILS

WROUGHT ALUMINIUM ALLOYS FOR USE IN SHIPBUILDING

1. SCOPE AND FIELD OF APPLICATION

This ISO Recommendation covers wrought aluminium alloys for structural and non-structural parts of ships, and for rivets used in shipbuilding.

All these alloys have been selected from ISO Recommendation R 209*, *Composition of wrought products of aluminium and aluminium alloys – Chemical composition (per cent)*.

2. ALUMINIUM ALLOYS

2.1 For structural parts of ships

Al-Mg3

Al-Mg3Mn

Al-Mg3.5

Al-Mg4

Al-Mg4.5Mn

Al-Si1Mg

2.2 For non-structural parts of ships

Al 99.0

Al 99.5

Al 99.7

Al 99.8

Al 99.0 Cu

Al-Mn1

Al-Mn1 Cu

Al-Mg1

Al-Mg1.5

Al-Mg2

Al-Mg2.5

Al-Mg3

Al-Mg3Mn

Al-Mg3.5

Al-Mg4

Al-Mg4.5Mn

Al-Mg5

Al-Si1Mg

Al-MgSi

Al-Mg1SiCu

2.3 For rivets used in shipbuilding

Al-Mg4

Al-Mg5

NOTE. – For the marking of these aluminium alloy rivets, see ISO Recommendation R... **, *Designation of light metal alloy and steel rivets*.

* 2nd edition – 1968.

** At present at the stage of draft proposal.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO/R 1156:1969
<https://standards.iteh.ai/catalog/standards/sist/e19bd9fc-8bfl-4c12-adaf-19ab677ac112/iso-r-1156-1969>

iTeh STANDARD PREVIEW **(standards.iteh.ai)**

ISO/R 1156:1969

<https://standards.iteh.ai/catalog/standards/sist/e19bd9fc-8bfl-4c12-adaf-19ab097acd12/iso-r-1156-1969>