

INTERNATIONAL  
STANDARD

ISO  
3522

Fourth edition  
2007-10-15

Aluminium and aluminium alloys —  
Castings — Chemical composition and  
mechanical properties



**SURFACE VEHICLE  
INFORMATION REPORT**

J452™

JAN2018

Issued 1934-01  
Revised 2003-12  
Stabilized 2018-01

Superseding J452 DEC2003

General Information - Chemical Compositions, Mechanical and Physical  
Properties of SAE Aluminum Casting Alloys

**Aluminium and aluminium alloys –  
Castings –  
Chemical composition and mechanical properties;  
English version EN 1706:2020+A1:2021,  
English translation of DIN EN 1706:2021-10**

Japanese Standards Association

**JIS H 5302** : 2006

(JDCA/JSA)

**Aluminium alloy die castings**



Designation: B108/B108M – 19

**Standard Specification for  
Aluminum-Alloy Permanent Mold Castings<sup>1</sup>**

This standard is issued under the fixed designation B108/B108M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

*This standard has been approved for use by agencies of the U.S. Department of Defense.*



Designation: B85/B85M – 18 <sup>$\epsilon$ 1</sup>

**Standard Specification for  
Aluminum-Alloy Die Castings<sup>1</sup>**

This standard is issued under the fixed designation B85/B85M; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

*This standard has been approved for use by agencies of the U.S. Department of Defense.*

<sup>$\epsilon$ 1</sup> NOTE—Footnote C of Table X2.2 was revised editorially in August 2018.