

 AEROSPACE MATERIAL SPECIFICATION	MAM 2252C	
	Issued JAN 1983 Noncurrent MAR 2003 Cancelled JUL 2007 Superseded by AMS 2252	
Tolerances, Metric Low-Alloy Steel Sheet, Strip, and Plate		

RATIONALE

MAM 2252B has been designated Cancelled and Superseded because equivalent technical requirements are provided by AMS 2252.

CANCELLATION NOTICE

This specification has been declared cancelled by the Aerospace Materials Division, SAE, as of July, 2007, and has been superseded by AMS 2252. The requirements of the latest issue of AMS 2252 shall be fulfilled whenever reference is made to the cancelled MAM 2252B. By this action, this document will remain listed in the Numerical Section of the Index for Aerospace Material Specifications noting that it is superseded by AMS 2252.

Cancelled specifications are available from SAE.

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AEROSPACE MATERIAL SPECIFICATION



MAM 2252B

Issued JAN 1983
Noncurrent MAR 2003

Superseding MAM2252A

Tolerances, Metric
Low-Alloy Steel Sheet, Strip, and Plate

NONCURRENCY NOTICE

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of March 2003. It is recommended, therefore, that this specification not be specified for new designs.

AMS 2252 covers the same requirements.

"NONCURRENT" refers to those materials which have been widely used and which may be required on some existing designs in the future. The Aerospace Materials Division, however, does not recommend these as standard materials for future use in new designs.

"NONCURRENT" specifications are available from SAE.

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1. SCOPE:

This specification covers established metric manufacturing tolerances applicable to low-alloy steel sheet, strip, and plate ordered to metric dimensions. These tolerances apply to all conditions unless otherwise noted. The term "excl" is used to apply only to the higher figure of the specified range.

2. APPLICABLE DOCUMENTS:

There are no referenced publications specified herein.

3. THICKNESS:

3.1 Hot Rolled Sheets; Coils and Cut Lengths:

Shall be as shown in Table 1. Thickness applies at any point on the sheet not less than 10 mm from a cut edge or 19 mm from a mill edge.

TABLE 1 - Thickness Tolerance, Millimeter, Plus and Minus; for Millimeter Width Ranges Shown

Specified Thickness Millimeters	Over 610 to 813, incl	Over 813 to 1016, incl	Over 1016 to 1219, incl	Over 1219 to 1524, incl	Over 1524 to 1778, incl	Over 1778 to 2032, incl	Over 2032 to 2286, incl
1.3 to 1.8, incl	0.15	0.15	0.15	0.18	0.18	--	--
Over 1.8 to 2.1, incl	0.18	0.18	0.18	0.18	0.20	0.20	--
Over 2.1 to 2.5, incl	0.18	0.20	0.20	0.20	0.23	0.23	0.25
Over 2.5 to 4.6, incl	0.20	0.23	0.25	0.25	0.28	0.30	0.30
Over 4.6 to 5.8, incl	0.23	0.23	0.25	--	--	--	--

3.2 Cold Rolled Sheets; Coils and Cut Lengths:

Shall be as shown in Table 2. Thickness applies at any point on the sheet not less than 10 mm from a cut edge or 19 mm from a mill edge.

TABLE 2 - Tolerance, Millimeter, Plus and Minus; for Millimeter Width Ranges Shown

Specified Thickness Millimeters	Over 610 to 813, incl	Over 813 to 1016, incl	Over 1016 to 1219, incl	Over 1219 to 1524, incl	Over 1524 to 1778, incl	Over 1778 to 2032, incl	Over 2032 to 2286, incl
1.3 to 1.8, incl	0.15	0.15	0.15	0.15	0.18	--	--
Over 1.8 to 2.1, incl	0.18	0.18	0.18	0.18	0.20	0.20	--
Over 2.1 to 2.5, incl	0.18	0.20	0.20	0.20	0.23	0.23	0.25
Over 2.5 to 4.6, incl	0.20	0.23	0.25	0.25	0.28	0.30	0.30
Over 4.6 to 5.8, incl	0.23	0.23	0.25	--	--	--	--

3.3 Hot Rolled Strip; Coils and Cut Lengths, Excluding Crown:

Shall be as shown in Table 3. Thickness applies 10 mm from the edge of strip 25 mm or wider and at any point on strip less than 25 mm wide.

TABLE 3 - Tolerance, Millimeter, Plus and Minus; for Millimeter Width Ranges Shown

Specified Thickness Millimeters	Up to 152, incl	Over 152 to 305, incl	Over 305 to 381, incl	Over 381 to 508, incl	Over 508 to 610, incl
1.3 to 1.8, incl	0.13	0.13	0.15	0.15	0.15
Over 1.8 to 2.1, incl	0.13	0.13	0.15	0.18	0.18
Over 2.1 to 2.8, incl	0.13	0.13	0.18	0.20	0.20
Over 2.8 to 3.6, incl	0.13	0.15	0.18	0.20	0.20
Over 3.6 to 4.4, incl	0.13	0.15	0.18	0.20	0.23
Over 4.4 to 4.8, incl	0.15	0.15	0.18	0.23	0.23
Over 4.8 to 5.2, incl	0.15	0.15	0.20	0.23	0.23
Over 5.2 to 5.8, incl	--	0.18	0.20	0.23	0.23