



METRIC AEROSPACE RECOMMENDED PRACTICE

MAP1670™

REV. A

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Superseding MAP1670

Studs, Installation Practice for Interference Fit - Metric

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

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1. SCOPE:

1.1 Purpose:

This document provides a recommended practice for installation of interference fit studs into threaded holes in non-ferrous alloys such as aluminum or magnesium.

1.2 Application:

The practice described has been specifically developed for use with stud standards MA3379 thru MA3392. These studs have 'MJ' threads in accordance with MA1370 or ANSIB1.21M, except with special thread pitch diameters and tolerances.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein.

2.1 SAE Publications:

Available from Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, Pennsylvania, 15096.

2.1.1 Aerospace Standards:

AS1310	Fastener Torque for Threaded Applications, Definition of
MA1370	Metric Screw Threads - MJ Profile
AIR1551	Torque Tightening Metric Threaded Fasteners

MA3379 thru MA3382	Stud - Straight, 2.5 Dia Engagement, Cres, MJ Metric
MA3383 thru MA3387	Stud - Stepped, 1.5 Dia Engagement, Cres, MJ Metric
MA3388 thru MA3392	Stud - Stepped, 2 Dia Engagement, Cres, MJ Metric