



AEROSPACE STANDARD	AS4843/2	
	Issued Reaffirmed	1995-05 2015-06
Fittings, Beaded to Pipe Threaded, Fluid Connection		

RATIONALE

AS4843/2 has been reaffirmed to comply with the SAE five-year review policy.

1. SCOPE:

1.1 Scope:

This SAE Aerospace Standard (AS) establishes the requirements for fluid fittings that combine both beaded hose connections and pipe threaded connections for use in all types of fluid systems.

1.2 Classification:

Fittings shall be furnished in the types and styles designated by the applicable AN and other engineering standard drawings. This specification is the same as MIL-F-5509 as applicable to beaded to pipe threaded fittings except for updated materials and process specifications and industry coordinated general improvements. It is intended to serve as a procurement specification for the fittings described herein and in Section 6.

2. REFERENCES:

2.1 Applicable Documents:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this specification and references cited herein, the text of this specification takes precedence. Nothing in this specification, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

2.1.1 SAE Publications: Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AS4842	Fittings and Bosses, Pipe Threaded, Fluid Connection
AS4843	Fittings, Beaded, Fluid Connection

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SAE values your input. To provide feedback on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4843/2>

2.1.2 U.S. Government Publications: Available from DODSSP, Subscription Services Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

MS33658 Fitting End, Hose Connection, Standard Dimensions for
MS33677 Fitting End, Taper Pipe Thread, Standard Dimensions for

3. TECHNICAL REQUIREMENTS:

3.1 Material:

See AS4843.

3.2 Design and Fabrication:

The design and fabrication of the fittings shall be in accordance with the applicable drawings. The beaded and pipe threaded ends of fittings shall be in accordance with MS33658 or MS33677 as applicable. The pipe threaded fitting ends shall meet the requirements of AS4842 as applicable.

3.3 Finish:

See AS4843.

3.4 Identification of Product:

See AS4843.

3.5 Workmanship:

See AS4843 for the beaded ends and fitting body and AS4842 for the pipe threaded ends.

4. QUALITY ASSURANCE PROVISIONS:

See AS4843 for the beaded ends and fitting body and AS4842 for the pipe threaded ends.

5. PREPARATION FOR DELIVERY:

See AS4843.

6. NOTES:

6.1 Intended Use:

See AS4843.