

ADOPTION NOTICE

SAE- AS1031, "Fitting, Tee, Standard and Reducer, Bulkhead on Run, Internal Port on Side, Flared", was adopted on 03 February 1984 for use by the Department of Defense (DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: DLA Land and Maritime, ATTN: VAI, 3990 East Broad Street, Columbus, OH 43218-3990 or fluidflow@dla.mil. Copies of these documents are available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

SAE-AS1031 should be used instead of the following cancelled flared fitting standards listed with their cross reference Part or Identifying Number (PIN) tables below:

Cancelled	Document Name	Table
AN783 Rev 10	Tee, Flared Tube, Internal Thread on Side	See table I
MS24388H	Tee, Flared Tube, Internal Thread on Side, Precision Type	See table II

CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.

CONCLUDING MATERIAL

Custodians:

Army - AV
Navy - AS
Air Force - 99
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-2010-145)

Review activities:

Army – CR4
Navy - MC, SA
Air Force – 11, 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.

SAE-AS1031

TABLE I. AN783 Rev 10 to SAE-AS1031, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN783-2	.125	AS1031- 020202		AN783-8	.500	AS1031- 080808	
AN783D2	.125	AS1031 D020202	AS1031 W020202	AN783D8	.500	AS1031 D080808	AS1031 W080808
AN783J2	.125	AS1031 J020202		AN783J8	.500	AS1031 J080808	
AN783K2	.125	AS1031 K020202		AN783K8	.500	AS1031 K080808	
AN783S2	.125	AS1031S 020202	AS1031 R020202	AN783S8	.500	AS1031 S080808	AS1031 R080808
AN783T2	.125	AS1031 T020202		AN783T8	.500	AS1031 T080808	
AN783W2	.125	AS1031 W020202		AN783W8	.500	AS1031 W080808	
AN783-3	.188	AS1031- 030303		AN783-10	.625	AS1031- 101010	
AN783D3	.188	AS1031 D030303	AS1031 W030303	AN783D10	.625	AS1031 D101010	AS1031 W101010
AN783J3	.188	AS1031 J030303		AN783J10	.625	AS1031 J101010	
AN783K3	.188	AS1031 K030303		AN783K10	.625	AS1031 K101010	
AN783S3	.188	AS1031 S030303	AS1031 R030303	AN783S10	.625	AS1031 S101010	AS1031 R101010
AN783T3	.188	AS1031 T030303		AN783T10	.625	AS1031 T101010	
AN783W3	.188	AS1031 W030303		AN783W10	.625	AS1031 W101010	
AN783-4	.250	AS1031- 040404		AN783-12	.750	AS1031- 121212	
AN783D4	.250	AS1031 D040404	AS1031 W040404	AN783D12	.750	AS1031 D121212	AS1031 W121212
AN783J4	.250	AS1031 J040404		AN783J12	.750	AS1031 J121212	
AN783K4	.250	AS1031 K040404		AN783K12	.750	AS1031 K121212	
AN783S4	.250	AS1031 S040404	AS1031 R040404	AN783S12	.750	AS1031 S121212	AS1031 R121212
AN783T4	.250	AS1031 T040404		AN783T12	.750	AS1031 T121212	
AN783W4	.250	AS1031 W040404		AN783W12	.750	AS1031 W121212	

SAE-AS1031

TABLE I. AN783 Rev 10 to SAE-AS1031, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN783-5	.312	AS1031- 050505		AN783-16	1.000	AS1031- 161616	
AN783D5	.312	AS1031 D050505	AS1031 W050505	AN783D16	1.000	AS1031 D161616	AS1031 W161616
AN783J5	.312	AS1031 J050505		AN783J16	1.000	AS1031 J161616	
AN783K5	.312	AS1031 K050505		AN783K16	1.000	AS1031 K161616	
AN783S5	.312	AS1031 S050505	AS1031 R050505	AN783S16	1.000	AS1031 S161616	AS1031 R161616
AN783T5	.312	AS1031 T050505		AN783T16	1.000	AS1031 T161616	
AN783W5	.312	AS1031 W050505		AN783W16	1.000	AS1031 W161616	
AN783-6	.375	AS1031- 060606		AN783-20	1.250	AS1031- 202020	
AN783D6	.375	AS1031 D060606	AS1031 W060606	AN783D20	1.250	AS1031 D202020	AS1031 W202020
AN783J6	.375	AS1031 J060606		AN783J20	1.250	AS1031 J202020	
AN783K6	.375	AS1031 K060606		AN783K20	1.250	AS1031 K202020	
AN783S6	.375	AS1031 S060606	AS1031 R060606	AN783S20	1.250	AS1031 S202020	AS1031 R202020
AN783T6	.375	AS1031 T060606		AN783T20	1.250	AS1031 T202020	
AN783W6	.375	AS1031 W060606		AN783W20	1.250	AS1031 W202020	

SAE-AS1031

TABLE II. MS24388H to SAE-AS1031, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24388-2	.125	AS1031- 020202		MS24388-8	.500	AS1031- 080808	
MS24388D2	.125	AS1031 D020202	AS1031 W0202022	MS24388D8	.500	AS1031 D080808	AS1031 W080808
MS24388J2	.125	AS1031 J020202		MS24388J8	.500	AS1031 J080808	
MS24388K2	.125	AS1031 K020202		MS24388K8	.500	AS1031 K080808	
MS24388S2	.125	AS1031 S020202	AS1031 R020202	MS24388S8	.500	AS1031S 080808	AS1031 R080808
MS24388T2	.125	AS1031 T020202		MS24388T8	.500	AS1031 T080808	
MS24388W2	.125	AS1031 W020202		MS24388W8	.500	AS1031 W080808	
MS24388-3	.188	AS1031- 030303		MS24388-10	.625	AS1031- 101010	
MS24388D3	.188	AS1031 D030303	AS1031 W030303	MS24388D10	.625	AS1031 D101010	AS1031 W101010
MS24388J3	.188	AS1031 J030303		MS24388J10	.625	AS1031 J101010	
MS24388K3	.188	AS1031 K030303		MS24388K10	.625	AS1031 K101010	
MS24388S3	.188	AS1031 S030303	AS1031 R030303	MS24388S10	.625	AS1031 S101010	AS1031 R101010
MS24388T3	.188	AS1031 T030303		MS24388T10	.625	AS1031 T101010	
MS24388W3	.188	AS1031 W030303		MS24388W10	.625	AS1031 W101010	
MS24388-4	.250	AS1031- 040404		MS24388-12	.750	AS1031- 121212	
MS24388D4	.250	AS1031 D040404	AS1031 W040404	MS24388D12	.750	AS1031 D121212	AS1031 W121212
MS24388J4	.250	AS1031 J040404		MS24388J12	.750	AS1031 J121212	
MS24388K4	.250	AS1031 K040404		MS24388K12	.750	AS1031 K121212	
MS24388S4	.250	AS1031 S040404	AS1031 R040404	MS24388S12	.750	AS1031 S121212	AS1031 R121212
MS24388T4	.250	AS1031 T040404		MS24388T12	.750	AS1031 T121212	
MS24388W4	.250	AS1031 W040404		MS24388W12	.750	AS1031 W121212	

SAE-AS1031

TABLE II. MS24388H to SAE-AS1031, cross-reference data - Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24388-5	.312	AS1031- 050505		MS24388-16	1.000	AS1031- 161616	
MS24388D5	.312	AS1031 D050505	AS1031 W050505	MS24388D16	1.000	AS1031 D161616	AS1031 W161616
MS24388J5	.312	AS1031 J050505		MS24388J16	1.000	AS1031 J161616	
MS24388K5	.312	AS1031 K050505		MS24388K16	1.000	AS1031 K161616	
MS24388S5	.312	AS1031 S050505	AS1031 R050505	MS24388S16	1.000	AS1031 S161616	AS1031 R161616
MS24388T5	.312	AS1031 T050505		MS24388T16	1.000	AS1031 T161616	
MS24388W5	.312	AS1031 W050505		MS24388W16	1.000	AS1031 W161616	
MS24388-6	.375	AS1031- 060606		MS24388-20	1.250	AS1031- 202020	
MS24388D6	.375	AS1031 D060606	AS1031 W060606	MS24388D20	1.250	AS1031 D202020	AS1031 W202020
MS24388J6	.375	AS1031 J060606		MS24388J20	1.250	AS1031 J202020	
MS24388K6	.375	AS1031 K060606		MS24388K20	1.250	AS1031K 202020	
MS24388S6	.375	AS1031 S060606	AS1031 R060606	MS24388S20	1.250	AS1031 S202020	AS1031 R202020
MS24388T6	.375	AS1031 T060606		MS24388T20	1.250	AS1031 T202020	
MS24388W6	.375	AS1031 W060606		MS24388W20	1.250	AS1031 W202020	