

ADOPTION NOTICE

SAE- AS1033, "Fitting, Tee, Standard and Reducer, Bulkhead on Run, Flared", was adopted on 20 July 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-AS1033 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
AN804 Rev G	Tee, Flared Tube With Bulkhead on Run	See table I
MS24390F	Tee, Flared Tube With Bulkhead on Run - 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CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.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 4730-2010-149)

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>.

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TABLE I. AN804 Rev G to SAE-AS1033, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN804-2	.125	AS1033- 020202		AN804-10	.625	AS1033- 101010	
AN804D2	.125	AS1033 D020202	AS1033 W020202	AN804D10	.625	AS1033 D101010	AS1033 W101010
AN804J2	.125	AS1033 J020202		AN804J10	.625	AS1033 J101010	
AN804K2	.125	AS1033 K020202		AN804K10	.625	AS1033 K101010	
AN804S2	.125	AS1033 S020202	AS1033 R020202	AN804S10	.625	AS1033 S101010	AS1033 R101010
AN804T2	.125	AS1033 T020202		AN804T10	.625	AS1033 T101010	
AN804W2	.125	AS1033 W020202		AN804W10	.625	AS1033 W101010	
AN804-3	.188	AS1033- 030303		AN804-12	.750	AS1033- 121212	
AN804D3	.188	AS1033 D030303	AS1033 W030303	AN804D12	.750	AS1033 D121212	AS1033 W121212
AN804J3	.188	AS1033 J030303		AN804J12	.750	AS1033 J121212	
AN804K3	.188	AS1033 K030303		AN804K12	.750	AS1033 K121212	
AN804S3	.188	AS1033 S030303	AS1033 R030303	AN804S12	.750	AS1033 S121212	AS1033 R121212
AN804T3	.188	AS1033 T030303		AN804T12	.750	AS1033 T121212	
AN804W3	.188	AS1033 W030303		AN804W12	.750	AS1033 W121212	
AN804-4	.250	AS1033- 040404		AN804-16	1.000	AS1033- 161616	
AN804D4	.250	AS1033 D040404	AS1033 W040404	AN804D16	1.000	AS1033 D161616	AS1033 W161616
AN804J4	.250	AS1033 J040404		AN804J16	1.000	AS1033 J161616	
AN804K4	.250	AS1033 K040404		AN804K16	1.000	AS1033 K161616	
AN804S4	.250	AS1033 S040404	AS1033 R040404	AN804S16	1.000	AS1033 S161616	AS1033 R161616
AN804T4	.250	AS1033 T040404		AN804T16	1.000	AS1033 T161616	
AN804W4	.250	AS1033 W040404		AN804W16	1.000	AS1033 W161616	

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TABLE I. AN804 Rev G to SAE-AS1033, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN804-5	.312	AS1033- 050505		AN804-20	1.250	AS1033- 202020	
AN804D5	.312	AS1033 D050505	AS1033 W050505	AN804D20	1.250	AS1033 D202020	AS1033 W202020
AN804J5	.312	AS1033 J050505		AN804J20	1.250	AS1033 J202020	
AN804K5	.312	AS1033 K050505		AN804K20	1.250	AS1033 K202020	
AN804S5	.312	AS1033 S050505	AS1033 R050505	AN804S20	1.250	AS1033 S202020	AS1033 R202020
AN804T5	.312	AS1033 T050505		AN804T20	1.250	AS1033 T202020	
AN804W5	.312	AS1033 W050505		AN804W20	1.250	AS1033 W202020	
AN804-6	.375	AS1033- 060606		AN804-24	1.500	AS1033- 242424	
AN804D6	.375	AS1033 D060606	AS1033 W060606	AN804D24	1.500	AS1033 D242424	AS1033 W242424
AN804J6	.375	AS1033 J060606		AN804J24	1.500	AS1033 J242424	
AN804K6	.375	AS1033 K060606		AN804K24	1.500	AS1033 K242424	
AN804S6	.375	AS1033 S060606	AS1033 R060606	AN804S24	1.500	AS1033 S242424	AS1033 R242424
AN804T6	.375	AS1033 T060606		AN804T24	1.500	AS1033 T242424	
AN804W6	.375	AS1033 W060606		AN804W24	1.500	AS1033 W242424	
AN804-8	.500	AS1033- 080808		AN804-28	1.750	AS1033- 282828	
AN804D8	.500	AS1033 D080808	AS1033 W080808	AN804D28	1.750	AS1033- D282828	AS1033- W282828
AN804J8	.500	AS1033 J080808		AN804J28	1.750	AS1033- J282828	
AN804K8	.500	AS1033 K080808		AN804K28	1.750	AS1033- K282828	
AN804S8	.500	AS1033 S080808	AS1033 R080808	AN804S28	1.750	AS1033- S282828	AS1033- R282828
AN804T8	.500	AS1033 T080808		AN804T28	1.750	AS1033- T282828	
AN804W8	.500	AS1033 W080808		AN804W28	1.750	AS1033- W282828	

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TABLE I. AN804 Rev G to SAE-AS1033, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN804-32	2.000	AS1033- 323232	
AN804D32	2.000	AS1033 D323232	AS1033 W323232
AN804J32	2.000	AS1033 J323232	
AN804K32	2.000	AS1033 K323232	
AN804S32	2.000	AS1033 S323232	AS1033 R323232
AN804T32	2.000	AS1033 T323232	
AN804W32	2.000	AS1033 W323232	

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TABLE II. MS24390F to SAE-AS1033, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN		Cancelled AN PIN	Tube Size	Replacement AS PIN	
MS24390-2	.125	AS1033- 020202		MS24390-8	.500	AS1033- 080808	
MS24390D2	.125	AS1033 D020202	AS1033 D020202	MS24390D8	.500	AS1033 D080808	AS1033 D080808
MS24390J2	.125	AS1033 J020202		MS24390J8	.500	AS1033 J080808	
MS24390K2	.125	AS1033 K020202		MS24390K8	.500	AS1033 K080808	
MS24390S2	.125	AS1033 S020202	AS1033 R020202	MS24390S8	.500	AS1033 S080808	AS1033 R080808
MS24390T2	.125	AS1033 T020202		MS24390T8	.500	AS1033 T080808	
MS24390W2	.125	AS1033 W020202		MS24390W8	.500	AS1033 W080808	
MS24390-3	.188	AS1033- 030303		MS24390-10	.625	AS1033- 101010	
MS24390D3	.188	AS1033 D030303	AS1033 W030303	MS24390D10	.625	AS1033 D101010	AS1033 W101010
MS24390J3	.188	AS1033 J030303		MS24390J10	.625	AS1033 J101010	
MS24390K3	.188	AS1033 K030303		MS24390K10	.625	AS1033 K101010	
MS24390S3	.188	AS1033 S030303	AS1033 R030303	MS24390S10	.625	AS1033 S101010	AS1033 R101010
MS24390T3	.188	AS1033 T030303		MS24390T10	.625	AS1033 T101010	
MS24390W3	.188	AS1033 W030303		MS24390W10	.625	AS1033 W101010	
MS24390-4	.250	AS1033- 040404		MS24390-12	.750	AS1033- 121212	
MS24390D4	.250	AS1033 D040404	AS1033 W040404	MS24390D12	.750	AS1033 D121212	AS1033 W121212
MS24390J4	.250	AS1033 J040404		MS24390J12	.750	AS1033 J121212	
MS24390K4	.250	AS1033 K040404		MS24390K12	.750	AS1033 K121212	
MS24390S4	.250	AS1033 S040404	AS1033 R040404	MS24390S12	.750	AS1033 S121212	AS1033 R121212
MS24390T4	.250	AS1033 T040404		MS24390T12	.750	AS1033 T121212	
MS24390W4	.250	AS1033 W040404		MS24390W12	.750	AS1033 W121212	

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TABLE II. MS24390F to SAE-AS1033, cross-reference data - Continued.

MS24390-5	.312	AS1033-050505		MS24390-16	1.000	AS1033-161616	
MS24390D5	.312	AS1033 D050505	AS1033 W050505	MS24390D16	1.000	AS1033 D161616	AS1033 W161616
MS24390J5	.312	AS1033 J050505		MS24390J16	1.000	AS1033 J161616	
MS24390K5	.312	AS1033 K050505		MS24390K16	1.000	AS1033 K161616	
MS24390S5	.312	AS1033 S050505	AS1033 R050505	MS24390S16	1.000	AS1033 S161616	AS1033 R161616
MS24390T5	.312	AS1033 T050505		MS24390T16	1.000	AS1033 T161616	
MS24390W5	.312	AS1033 W050505		MS24390W16	1.000	AS1033 W161616	
MS24390-6	.375	AS1033-060606		MS24390-20	1.250	AS1033-202020	
MS24390D6	.375	AS1033 D060606	AS1033 W060606	MS24390D20	1.250	AS1033 D202020	AS1033 W202020
MS24390J6	.375	AS1033 J060606		MS24390J20	1.250	AS1033 J202020	
MS24390K6	.375	AS1033 K060606		MS24390K20	1.250	AS1033 K202020	
MS24390S6	.375	AS1033 S060606	AS1033 R060606	MS24390S20	1.250	AS1033 S202020	AS1033 R202020
MS24390T6	.375	AS1033 T060606		MS24390T20	1.250	AS1033 T202020	
MS24390W6	.375	AS1033 W060606		MS24390W20	1.250	AS1033 W202020	
MS24390-24	1.500	AS1033-242424		MS24390-28	1.750	AS1033-282828	
MS24390D24	1.500	AS1033 D242424	AS1033 W242424	MS24390D28	1.750	AS1033 D282828	AS1033 W282828
MS24390J24	1.500	AS1033 J242424		MS24390J28	1.750	AS1033 J282828	
MS24390K24	1.500	AS1033 K242424		MS24390K28	1.750	AS1033 K282828	
MS24390S24	1.500	AS1033 S242424	AS1033 R242424	MS24390S28	1.750	AS1033 S282828	AS1033 R282828
MS24390T24	1.500	AS1033 T242424		MS24390T28	1.750	AS1033 T282828	
MS24390W24	1.500	AS1033 W242424		MS24390W28	1.750	AS1033 W282828	

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TABLE II. MS24390F to SAE-AS1033, cross-reference data - Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24390-32	2.000	AS1033- 323232	
MS24390D32	2.000	AS1033 D323232	AS1033 D323232
MS24390J32	2.000	AS1033 J323232	
MS24390K32	2.000	AS1033 K323232	
MS24390S32	2.000	AS1033 S323232	AS1033 R323232
MS24390T32	2.000	AS1033 T323232	
MS24390W32	2.000	AS1033 W323232	