

ADOPTION NOTICE

SAE- AS1040, "Fitting, Elbow, 45 Degrees, Standard and Reducer, Bulkhead, Flared", was adopted on 3 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-AS1040 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
AN837 Rev 8	Elbow, Flared Tube and Universal, 45°	See table I
MS24396E	Elbow, Tube, Bulkhead, 45°, 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CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.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 4730-2010-157)

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. AN837 Rev 8 to SAE-AS1040, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	
AN837-2	.125	AS1040- 0202		AN837-10	.625	AS1040- 1010	
AN837-2D	.125	AS1040 D0202	AS1040 W0202	AN837-10D	.625	AS1040 D1010	AS1040 W1010
AN837-2J	.125	AS1040 J0202		AN837-10J	.625	AS1040 J1010	
AN837-2K	.125	AS1040 K0202		AN837-10K	.625	AS1040 K1010	
AN837-2S	.125	AS1040 S0202	AS1040 R0202	AN837-10S	.625	AS1040 S1010	AS1040 R1010
AN837-2T	.125	AS1040 T0202		AN837-10T	.625	AS1040 T1010	
AN837-2W	.125	AS1040 W0202		AN837-10W	.625	AS1040 W1010	
AN837-3	.188	AS1040- 0303		AN837-12	.750	AS1040- 1212	
AN837-3D	.188	AS1040 D0303	AS1040 W0303	AN837-12D	.750	AS1040 D1212	AS1040 W1212
AN837-3J	.188	AS1040 J0303		AN837-12J	.750	AS1040 J1212	
AN837-3K	.188	AS1040 K0303		AN837-12K	.750	AS1040 K1212	
AN837-3S	.188	AS1040 S0303	AS1040 R0303	AN837-12S	.750	AS1040 S1212	AS1040 R1212
AN837-3T	.188	AS1040 T0303		AN837-12T	.750	AS1040 T1212	
AN837-3W	.188	AS1040 W0303		AN837-12W	.750	AS1040 W1212	
AN837-4	.250	AS1040- 0404		AN837-16	1.000	AS1040- 1616	
AN837-4D	.250	AS1040 D0404	AS1040 W0404	AN837-16D	1.000	AS1040 D1616	AS1040 W1616
AN837-4J	.250	AS1040 J0404		AN837-16J	1.000	AS1040 J1616	
AN837-4K	.250	AS1040 K0404		AN837-16K	1.000	AS1040 K1616	
AN837-4S	.250	AS1040 S0404	AS1040 R0404	AN837-16S	1.000	AS1040 S1616	AS1040 R1616
AN837-4T	.250	AS1040 T0404		AN837-16T	1.000	AS1040 T1616	
AN837-4W	.250	AS1040 W0404		AN837-16W	1.000	AS1040 W1616	

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TABLE I. AN837 Rev 8 to SAE-AS1040, cross-reference data - Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN837-5	.312	AS1040-0505		AN837-20	1.250	AS1040-2020	
AN837-5D	.312	AS1040 D0505	AS1040 W0505	AN837-20D	1.250	AS1040 D2020	AS1040 W2020
AN837-5J	.312	AS1040 J0505		AN837-20J	1.250	AS1040 J2020	
AN837-5K	.312	AS1040 K0505		AN837-20K	1.250	AS1040 K2020	
AN837-5S	.312	AS1040 S0505	AS1040 R0505	AN837-20S	1.250	AS1040 S2020	AS1040 R2020
AN837-5T	.312	AS1040 T0505		AN837-20T	1.250	AS1040 T2020	
AN837-5W	.312	AS1040 W0505		AN837-20W	1.250	AS1040 W2020	
AN837-6	.375	AS1040-0606		AN837-24	1.500	AS1040-2424	
AN837-6D	.375	AS1040 D0606	AS1040 W0606	AN837-24D	1.500	AS1040 D2424	AS1040 W2424
AN837-6J	.375	AS1040 J0606		AN837-24J	1.500	AS1040 J2424	
AN837-6K	.375	AS1040 K0606		AN837-24K	1.500	AS1040 K2424	
AN837-6S	.375	AS1040 S0606	AS1040 R0606	AN837-24S	1.500	AS1040 S2424	AS1040 R2424
AN837-6T	.375	AS1040 T0606		AN837-24T	1.500	AS1040 T2424	
AN837-6W	.375	AS1040 W0606		AN837-24W	1.500	AS1040 W2424	
AN837-8	.500	AS1040-0808		AN837-28	1.750	AS1040-2828	
AN837-8D	.500	AS1040 D0808	AS1040 W0808	AN837-28D	1.750	AS1040 D2828	AS1040 W2828
AN837-8J	.500	AS1040 J0808		AN837-28J	1.750	AS1040 J2828	
AN837-8K	.500	AS1040 K0808		AN837-28K	1.750	AS1040 K2828	
AN837-8S	.500	AS1040 S0808	AS1040 R0808	AN837-28S	1.750	AS1040 S2828	AS1040 R2828
AN837-8T	.500	AS1040 T0808		AN837-28T	1.750	AS1040 T2828	
AN837-8W	.500	AS1040 W0808		AN837-28W	1.750	AS1040 W2828	

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TABLE I. AN837 Rev 8 to SAE-AS1040, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN837-32	2.000	AS1040- 3232	
AN837-32D	2.000	AS1040 D3232	AS1040 W3232
AN837-32J	2.000	AS1040 J3232	
AN837-32K	2.000	AS1040 K3232	
AN837-32S	2.000	AS1040 S3232	AS1040 R3232
AN837-32T	2.000	AS1040 T3232	
AN837-32W	2.000	AS1040 W3232	

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TABLE II. MS24396E to SAE-AS1040, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24396-2	.125	AS1040- 0202		MS24396-10	.625	AS1040- 1010	
MS24396D2	.125	AS1040 D0202	AS1040 W0202	MS24396D10	.625	AS1040 D1010	AS1040 W1010
MS24396J2	.125	AS1040 J0202		MS24396J10	.625	AS1040 J1010	
MS24396K2	.125	AS1040 K0202		MS24396K10	.625	AS1040 K1010	
MS24396S2	.125	AS1040 S0202	AS1040 R0202	MS24396S10	.625	AS1040 S1010	AS1040 R1010
MS24396T2	.125	AS1040 T0202		MS24396T10	.625	AS1040 T1010	
MS24396W2	.125	AS1040 W0202		MS24396W10	.625	AS1040 W1010	
MS24396-3	.188	AS1040- 0303		MS24396-12	.750	AS1040- 1212	
MS24396D3	.188	AS1040 D0303	AS1040 W0303	MS24396D12	.750	AS1040 D1212	AS1040 W1212
MS24396J3	.188	AS1040 J0303		MS24396J12	.750	AS1040 J1212	
MS24396K3	.188	AS1040 K0303		MS24396K12	.750	AS1040 K1212	
MS24396S3	.188	AS1040 S0303	AS1040 R0303	MS24396S12	.750	AS1040 S1212	AS1040 R1212
MS24396T3	.188	AS1040 T0303		MS24396T12	.750	AS1040 T1212	
MS24396W3	.188	AS1040 W0303		MS24396W12	.750	AS1040 W1212	
MS24396-4	.250	AS1040- 0404		MS24396-16	1.000	AS1040- 1616	
MS24396D4	.250	AS1040 D0404	AS1040 W0404	MS24396D16	1.000	AS1040 D1616	AS1040 W1616
MS24396J4	.250	AS1040 J0404		MS24396J16	1.000	AS1040 J1616	
MS24396K4	.250	AS1040 K0404		MS24396K16	1.000	AS1040 K1616	
MS24396S4	.250	AS1040 S0404	AS1040 R0404	MS24396S16	1.000	AS1040 S1616	AS1040 R1616
MS24396T4	.250	AS1040 T0404		MS24396T16	1.000	AS1040 T1616	
MS24396W4	.250	AS1040 W0404		MS24396W16	1.000	AS1040 W1616	

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TABLE II. MS24396E to SAE-AS1040, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24396-5	.312	AS1040- 0505		MS24396-20	1.250	AS1040- 2020	
MS24396D5	.312	AS1040 D0505	AS1040 W0505	MS24396D20	1.250	AS1040 D2020	AS1040 W2020
MS24396J5	.312	AS1040 J0505		MS24396J20	1.250	AS1040 J2020	
MS24396K5	.312	AS1040 K0505		MS24396K20	1.250	AS1040 K2020	
MS24396S5	.312	AS1040 S0505	AS1040 R0505	MS24396S20	1.250	AS1040 S2020	AS1040 R2020
MS24396T5	.312	AS1040 T0505		MS24396T20	1.250	AS1040 T2020	
MS24396W5	.312	AS1040 W0505		MS24396W20	1.250	AS1040 W2020	
MS24396-6	.375	AS1040- 0606		MS24396-24	1.500	AS1040- 2424	
MS24396D6	.375	AS1040 D0606	AS1040 W0606	MS24396D24	1.500	AS1040 D2424	AS1040 W2424
MS24396J6	.375	AS1040 J0606		MS24396J24	1.500	AS1040 J2424	
MS24396K6	.375	AS1040 K0606		MS24396K24	1.500	AS1040 K2424	
MS24396S6	.375	AS1040 S0606	AS1040 R0606	MS24396S24	1.500	AS1040 S2424	AS1040 R2424
MS24396T6	.375	AS1040 T0606		MS24396T24	1.500	AS1040 T2424	
MS24396W6	.375	AS1040 W0606		MS24396W24	1.500	AS1040 W2424	
MS24396-8	.500	AS1040- 0808		MS24396-28	1.750	AS1040- 2828	
MS24396D8	.500	AS1040 D0808	AS1040 W0808	MS24396D28	1.750	AS1040 D2828	AS1040 W2828
MS24396J8	.500	AS1040 J0808		MS24396J28	1.750	AS1040 J2828	
MS24396K8	.500	AS1040 K0808		MS24396K28	1.750	AS1040 K2828	
MS24396S8	.500	AS1040 S0808	AS1040 R0808	MS24396S28	1.750	AS1040 S2828	AS1040 R2828
MS24396T8	.500	AS1040 T0808		MS24396T28	1.750	AS1040 T2828	
MS24396W8	.500	AS1040 W0808		MS24396W28	1.750	AS1040 W2828	

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TABLE II. MS24396E to SAE-AS1040, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
MS24396-32	2.000	AS1040- 3232	
MS24396D32	2.000	AS1040 D3232	AS1040 W3232
MS24396J32	2.000	AS1040 J3232	
MS24396K32	2.000	AS1040 K3232	
MS24396S32	2.000	AS1040 S3232	AS1040 R3232
MS24396T32	2.000	AS1040 T3232	
MS24396W32	2.000	AS1040 W3232	