

NOTICE OF  
CANCELLATION

INCH-POUND

AN833 Rev 8  
NOTICE 2  
15 November 2010  
SUPERSEDING  
NOTICE 1  
22 April 1999

## AIR FORCE/NAVY AERONAUTICAL STANDARD

### ELBOW - FLARED TUBE AND BULKHEAD UNIVERSAL, 90°

AN833 Rev 8, dated 4 August 1983, is hereby cancelled. Future acquisitions for this item should refer to SAE-AS1038, " Fitting, Elbow, 90 Degrees, Standard and Reducer, Bulkhead, Flared".

(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](http://www.sae.org).)

Reason for NOTICE 2: SAE inactivated Part or Identifying Number (PIN) with material code letter D for replacement parts and for new design to use code letter W. This is because code letter W is stronger in tensile strength than code letter D. This is based on the previous PA's revision, as a result of lessons learned. Plus to add back material code letter S for replacement parts and for new design to use code letter R. The code letter R is better for applications requiring higher temperature. Also added size 28.

Table I provides a detailed cross-reference of cancelled AN833 Rev 8 PINs and replacement SAE-AS1038 PINs.

CAUTION: The supersession information is valid as of the date of this notice and may be superseded by subsequent revisions of the superseding document.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 4730-2010-031)

Review activities:  
Army - AR, 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. AN833 Rev 8 to SAE-AS1038, cross-reference data.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN833-2	.125	AS1038-		AN833-10	.625	AS1038-	
		0202				1010	
AN833-2D	.125	AS1038	AS1038	AN833-10D	.625	AS1038	AS1038
		D0202	W0202			D1010	W1010
AN833-2J	.125	AS1038		AN833-10J	.625	AS1038	
		J0202				J1010	
AN833-2K	.125	AS1038		AN833-10K	.625	AS1038	
		K0202				K1010	
AN833-2S	.125	AS1038	AS1038	AN833-10S	.625	AS1038	AS1038
		S0202	R0202			S1010	R1010
AN833-2T	.125	AS1038		AN833-10T	.625	AS1038	
		T0202				T1010	
AN833-2W	.125	AS1038		AN833-10W	.625	AS1038	
		W0202				W1010	
AN833-3	.188	AS1038-		AN833-12	.750	AS1038-	
		0303				1212	
AN833-3D	.188	AS1038	AS1038	AN833-12D	.750	AS1038	AS1038
		D0303	W0303			D1212	W1212
AN833-3J	.188	AS1038		AN833-12J	.750	AS1038	
		J0303				J1212	
AN833-3K	.188	AS1038		AN833-12K	.750	AS1038	
		K0303				K1212	
AN833-3S	.188	AS1038	AS1038	AN833-12S	.750	AS1038	AS1038
		S0303	R0303			S1212	R1212
AN833-3T	.188	AS1038		AN833-12T	.750	AS1038	
		T0303				T1212	
AN833-3W	.188	AS1038		AN833-12W	.750	AS1038	
		W0303				W1212	
AN833-4	.250	AS1038-		AN833-16	1.000	AS1038-	
		0404				1616	
AN833-4D	.250	AS1038	AS1038	AN833-16D	1.000	AS1038	AS1038
		D0404	W0404			D1616	W1616
AN833-4J	.250	AS1038		AN833-16J	1.000	AS1038	
		J0404				J1616	
AN833-4K	.250	AS1038		AN833-16K	1.000	AS1038	
		K0404				K1616	
AN833-4S	.250	AS1038	AS1038	AN833-16S	1.000	AS1038	AS1038
		S0404	R0404			S1616	R1616
AN833-4T	.250	AS1038		AN833-16T	1.000	AS1038	
		T0404				T1616	
AN833-4W	.250	AS1038		AN833-16W	1.000	AS1038	
		W0404				W1616	

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TABLE I. AN833 Rev 8 to SAE-AS1038, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design	Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN833-5	.312	AS1038-0505		AN833-20	1.250	AS1038-2020	
AN833-5D	.312	AS1038 D0505	AS1038 W0505	AN833-20D	1.250	AS1038 D2020	AS1038 W2020
AN833-5J	.312	AS1038 J0505		AN833-20J	1.250	AS1038 J2020	
AN833-5K	.312	AS1038 K0505		AN833-20K	1.250	AS1038 K2020	
AN833-5S	.312	AS1038 S0505	AS1038 R0505	AN833-20S	1.250	AS1038 S2020	AS1038 R2020
AN833-5T	.312	AS1038 T0505		AN833-20T	1.250	AS1038 T2020	
AN833-5W	.312	AS1038 W0505		AN833-20W	1.250	AS1038 W2020	
AN833-6	.375	AS1038-0606		AN833-24	1.500	AS1038-2424	
AN833-6D	.375	AS1038 D0606	AS1038 W0606	AN833-24D	1.500	AS1038 D2424	AS1038 W2424
AN833-6J	.375	AS1038J0606		AN833-24J	1.500	AS1038 J2424	
AN833-6K	.375	AS1038 K0606		AN833-24K	1.500	AS1038 K2424	
AN833-6S	.375	AS1038 S0606	AS1038 R0606	AN833-24S	1.500	AS1038 S2424	AS1038 R2424
AN833-6T	.375	AS1038 T0606		AN833-24T	1.500	AS1038 T2424	
AN833-6W	.375	AS1038 W0606		AN833-24W	1.500	AS1038 W2424	
AN833-8	.500	AS1038-0808		AN833-28	1.750	AS1038-2828	
AN833-8D	.500	AS1038 D0808	AS1038 W0808	AN833-28D	1.750	AS1038 D2828	AS1038 W2828
AN833-8J	.500	AS1038 J0808		AN833-28J	1.750	AS1038 J2828	
AN833-8K	.500	AS1038 K0808		AN833-28K	1.750	AS1038 K2828	
AN833-8S	.500	AS1038 S0808	AS1038 R0808	AN833-28S	1.750	AS1038 S2828	AS1038 R2828
AN833-8T	.500	AS1038 T0808		AN833-28T	1.750	AS1038 T2828	
AN833-8W	.500	AS1038 W0808		AN833-28W	1.750	AS1038 W2828	

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TABLE I. AN833 Rev 8 to SAE-AS1038, cross-reference data – Continued.

Cancelled AN PIN	Tube Size	Replacement AS PIN	New Design
AN833-32	2.000	AS1038- 3232	
AN833-32D	2.000	AS1038 D3232	AS1038 W3232
AN833-32J	2.000	AS1038 J3232	
AN833-32K	2.000	AS1038 K3232	
AN833-32S	2.000	AS1038 S3232	AS1038 R3232
AN833-32T	2.000	AS1038 T3232	
AN833-32W	2.000	AS1038 W3232	