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REV.
C

AS4132™

RATIONALE

FEDERAL SUPPLY CLASS
4730

GRAPHICS REDRAWN. FLAGNOTE /14/ ADDED TO BOTH ØE AND DIM P IN FIGURE 1. 45° DIMENSION BEHIND THREAD HAS BEEN REMOVED BECAUSE IT IS ALREADY BEING DEFINED ON AS4375, STYLE E. GENERAL UPDATES INCORPORATED.

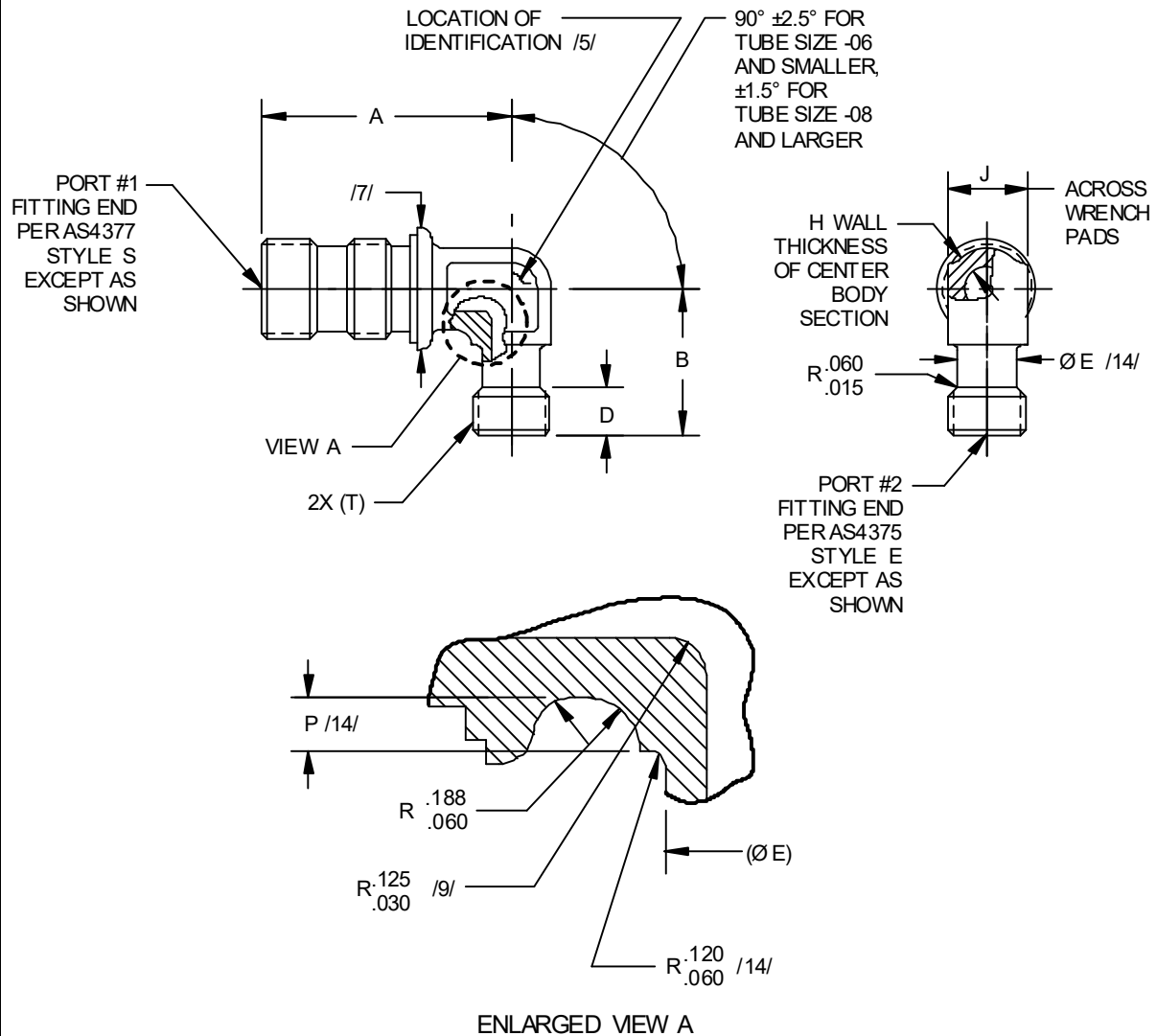
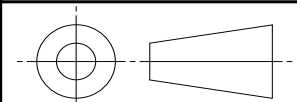


FIGURE 1 - ELBOW, 90°, BULKHEAD, REDUCED BODY, FLARELESS

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://standards.sae.org/AS4132C>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS18280 /4/



AEROSPACE STANDARD

ELBOW, 90°, BULKHEAD, STANDARD AND REDUCER,
REDUCED BODY, FLARELESS

AS4132™
SHEET 1 OF 4

REV.
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Documents

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TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS4132 /19/ SIZE CODE	H MIN	J	P ±.030	LB/EA APPROX REF CRES	LB/EA APPROX REF TI
04	.050	.390	.030	.060	.034
05	.050	.453	.159	.086	.048
06	.050	.453	.137	.090	.051
08	.050	.577	.140	.169	.097
10	.070	.702	.157	.301	.172
12	.080	.890	.166	.432	.248
16	.090	1.140	.174	.565	.325
20	.110	1.390	.071	1.262	.730
24	.130	1.640	---	1.667	.965

TABLE 2 - FITTING END

SIZE CODE	TUBE OD	T THREAD PER AS8879 CLASS 3A	D	E
04	.250	.4375-20UNJF	.371	.350
05	.313	.5000-20UNJF	.371	.412
06	.375	.5625-18UNJF	.379	.453
08	.500	.7500-16UNJF	.461	.577
10	.625	.8750-14UNJF	.511	.702
12	.750	1.0625-12UNJ	.556	.890
16	1.000	1.3125-12UNJ	.556	1.140
20	1.250	1.6250-12UNJ	.556	1.390
24	1.500	1.8750-12UNJ	.556	1.640

TABLE 3 - LEG LENGTH A

FORGING SIZE	04	05	06	08	10	12	16	20	24
04	1.523	---	---	---	---	---	---	---	---
05	1.555	1.555	---	---	---	---	---	---	---
06	1.665	1.665	1.711	---	---	---	---	---	---
08	1.774	1.774	1.820	1.992	---	---	---	---	---
10	1.914	1.914	1.960	2.132	2.273	---	---	---	---
12	2.024	2.024	2.070	2.242	2.383	2.492	---	---	---
16	2.149	2.149	2.195	2.367	2.508	2.617	2.617	---	---
20	2.430	2.430	2.476	2.648	2.789	2.898	2.898	2.898	---
24	2.712	2.712	2.758	2.930	3.071	3.180	3.180	3.180	3.180

	AEROSPACE STANDARD	AS4132™ SHEET 2 OF 4 	REV. C
	ELBOW, 90°, BULKHEAD, STANDARD AND REDUCER, REDUCED BODY, FLARELESS		