

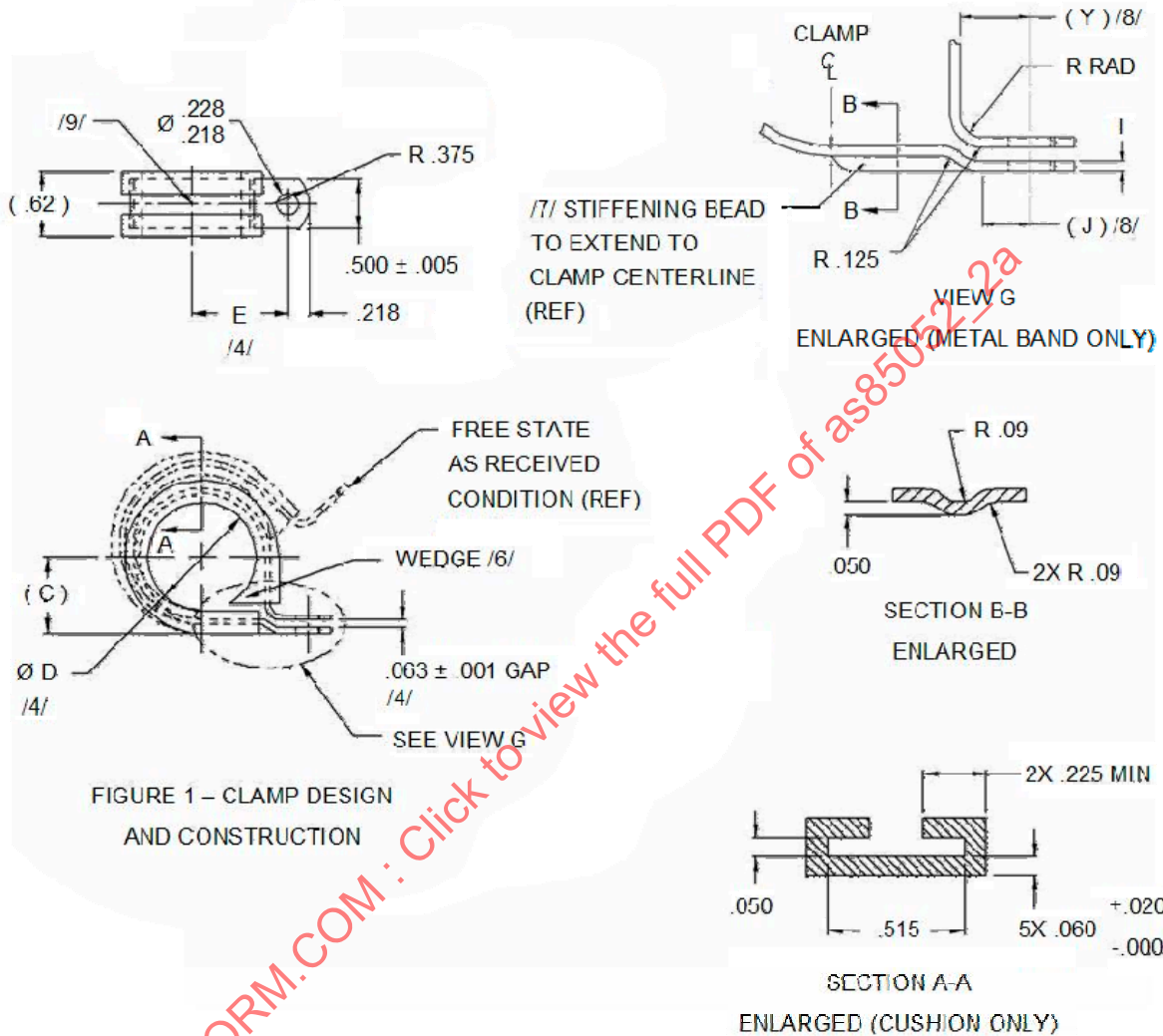
REV.
A

AS85052/2

FEDERAL SUPPLY CLASS
5340

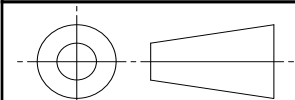
RATIONALE

AS85052/2A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85052/2A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3E

PROCUREMENT SPECIFICATION: AS85052/5/



AEROSPACE STANDARD

(R) CLAMP, LOOP, TUBE, 17-7PH, CRES, 275 °F, PHOSPHATE ESTER FLUID RESISTANT

AS85052/2
SHEET 1 OF 3

REV.
A

TABLE 1 - CLAMP DIMENSIONS

BASIC NO. AS85052/2 SIZE CODE /13/	TUBE SIZE	(C)	ØD	E ±.032	(J)	R RAD ±.010	T TOLERANCE PER AMS2242	(Y)
-02	.125	.192	.125	.468	—	.090	.020	.325
-03	.188	.224	.188	.499	—	.090	.020	.325
-04	.250	.255	.250	.530	.235	.090	.020	.325
-05	.312	.286	.312	.561	.235	.090	.020	.325
-06	.375	.318	.375	.592	.235	.090	.020	.325
-07	.438	.349	.438	.624	.235	.090	.020	.325
-08	.500	.380	.500	.655	.235	.090	.020	.325
-09	.562	.423	.562	.741	.256	.125	.032	.368
-10	.625	.454	.625	.772	.256	.125	.032	.368
-11	.688	.486	.688	.804	.256	.125	.032	.368
-12	.750	.517	.750	.835	.256	.125	.032	.368
-13	.812	.548	.812	.866	.256	.125	.032	.368
-14	.875	.580	.875	.898	.256	.125	.032	.368
-15	.938	.611	.938	.929	.256	.125	.032	.368
-16	1.000	.642	1.000	.960	.256	.125	.032	.368
-17	1.062	.681	1.062	1.001	.262	.125	.040	.370
-18	1.125	.712	1.125	1.032	.262	.125	.040	.370
-19	1.188	.744	1.188	1.064	.262	.125	.040	.370
-20	1.250	.775	1.250	1.095	.262	.125	.040	.370
-21	1.312	.806	1.312	1.126	.262	.125	.040	.370
-22	1.375	.838	1.375	1.158	.262	.125	.040	.370
-23	1.438	.869	1.438	1.189	.262	.125	.040	.370
-24	1.500	.900	1.500	1.220	.262	.125	.040	.370

NOTES:

1. MATERIALS: BAND - 17-7PH, CORROSION RESISTANT STEEL PER AMS5528 OR AMS5529, ANNEALED
CUSHION - ETHYLENE PROPYLENE RUBBER, 65-75 DUROMETER, COLOR PURPLE, PER AMS3253
2. HEAT TREATMENT: BAND - STRESS RELIEVE AND HEAT TREAT TO CONDITION TH1100 PER AMS2759/3 AFTER FORMING
CUSHION - NONE
3. FINISH: BAND - REMOVE SCALE. PASSIVATE PER AMS2700 TYPE 2 OR 8
CUSHION - NONE

/4/ DIAMETER "D" IS THE NOMINAL DIAMETER FOR WHICH A CLAMP SIZE IS INTENDED FOR USE. DIAMETER "D" SHALL BE VERIFIED BY THE "DIAMETER RETENTION" TEST OF THE PROCUREMENT SPECIFICATION. DIMENSION "E" SHALL BE MEASURED WITH THE CLAMP INSTALLED ON A MANDREL OF "D" DIAMETER ±.001 AND A .063±.001 GAP SPACER BETWEEN UPPER AND LOWER FOOT AS SHOWN.

/5/ PROCUREMENT SPECIFICATION: AS85052 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL) PRI-QPL-AS85052 FOR THIS STANDARD. SEE www.eauditnet.com FOR CURRENT QPL ON-LINE.

	AEROSPACE STANDARD		AS85052/2 SHEET 2 OF 3	REV. A
	(R) CLAMP, LOOP TUBE 17-7PH, CRES, 275 °F, PHOSPHATE ESTER FLUID RESISTANT			