

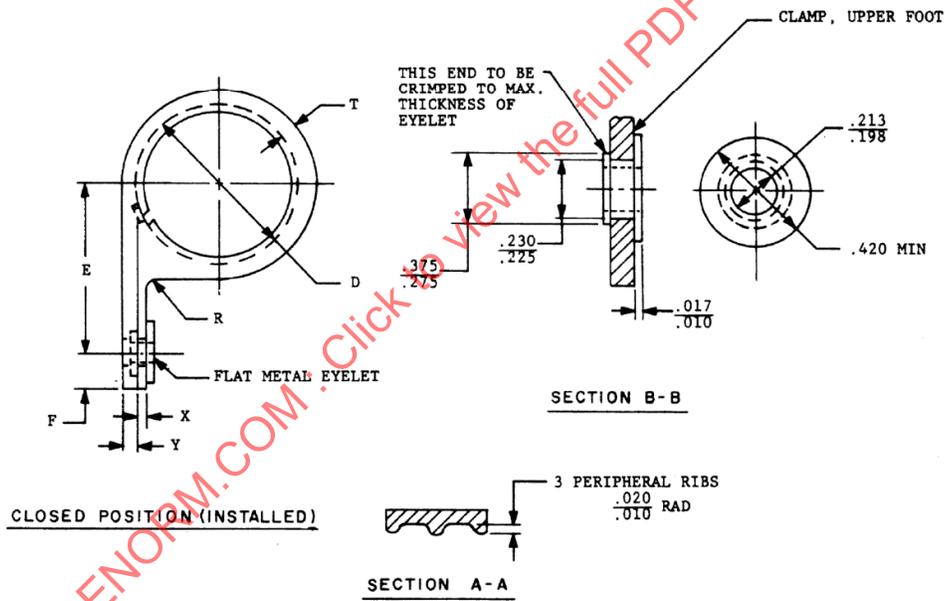
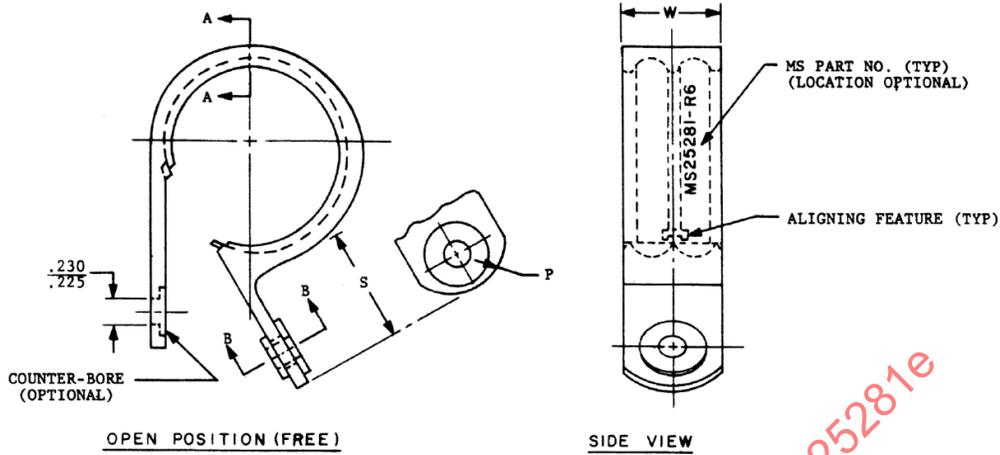
REV.  
E

AS25281™

FEDERAL SUPPLY CLASS  
5340

RATIONALE

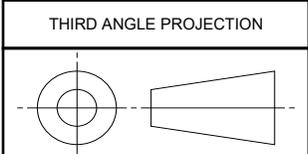
LIMITED SCOPE REVISION REQUIRED TO CLARIFY MIL-PRF-8625 MATERIAL TYPES FOR THE EYELET AND MAKE MINOR EDITORIAL CHANGES AS NEEDED.



STYLE R-RIBBED INNER DIAMETER

FIGURE 1 - ASS25281 STYLE R CLAMP

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS25281E/>



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS23190



AEROSPACE STANDARD

CLAMP, LOOP, PLASTIC, WIRE SUPPORT

AS25281™  
SHEET 1 OF 5

REV.  
E

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ISSUED 1998-07 REAFFIRMED 2003-10 STABILIZED 2014-08 REVISED 2023-10

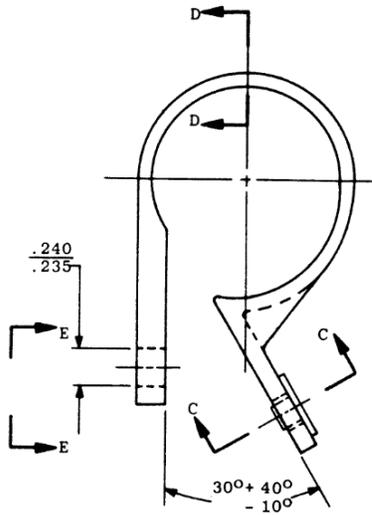
TABLE 1 - FOR STYLE R-RIBBED INNER DIAMETER CLAMPS ONLY

DASH NO.	APPROX. CABLE BUNDLE DIA+1/64	D** ±.020	E ±.025	F	P MIN RADIUS	R +.005 RADIUS	S ±.010	T		W		X		Y	
								MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
-2	1/8	.125	.440	.260 .240	.250	.062	.540	.038	.075	.510	.080	.060	.100		
-3	3/16	.188	.485												
-4	1/4	.250	.510												
-5	5/16	.312	.546												
-6	3/8	.375	.578												
-7	7/16	.438	.608												
-8	1/2	.500	.639												
-9	9/16	.562	.675												
-10	5/8	.625	.706												
-11	11/16	.688	.785												
-12	3/4	.750	.816	.330 .240	.300	.109	.605	.050	.085	.495	.060	.085	.130		
-13	13/16	.812	.827												
-14	7/8	.875	.878												
-15	15/16	.938	.910												
-16	1.000	1.000	.941												
-17	1-1/16	1.063	.972												
-18	1-1/8	1.125	.983												
-19*	1-3/16	1.188	1.024												
-20	1-1/4	1.250	1.066												
-21*	1-5/16	1.312	1.070												
-22	1-3/8	1.375	1.110												
-23*	1-7/16	1.438	1.140												
-24	1-1/2	1.500	1.170												
-25*	1-9/16	1.562	1.200												
-26	1-5/8	1.625	1.250												
-27*	1-11/16	1.688	1.270												
-28	1-3/4	1.750	1.300												
-29*	1-13/16	1.812	1.330												
-30	1-7/8	1.875	1.355												
-31*	1-15/16	1.938	1.390												
-32	2.000	2.000	1.420												

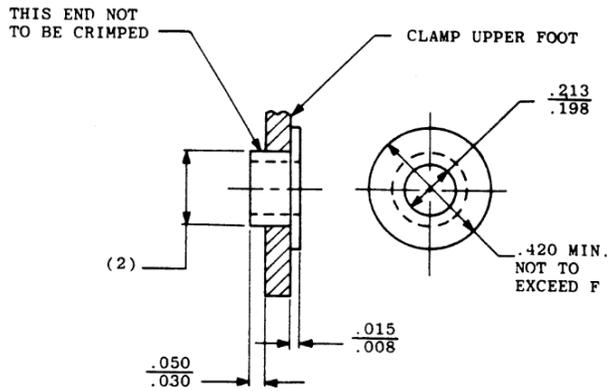
\*SEE NOTE 8.

\*\*"D" DIMENSION TO BE MEASURED MINUS THE RIBS.

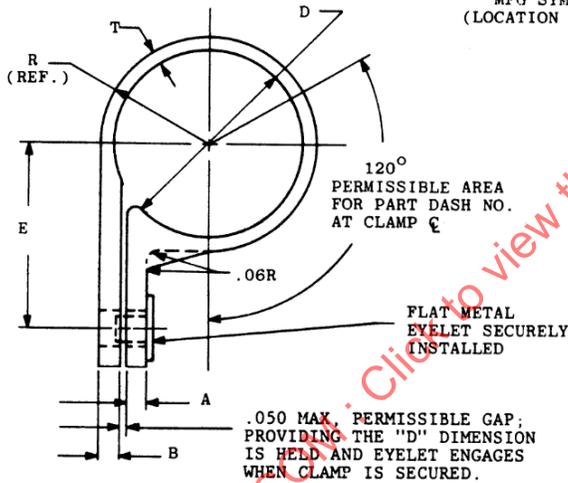
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**OPEN POSITION (FREE)**

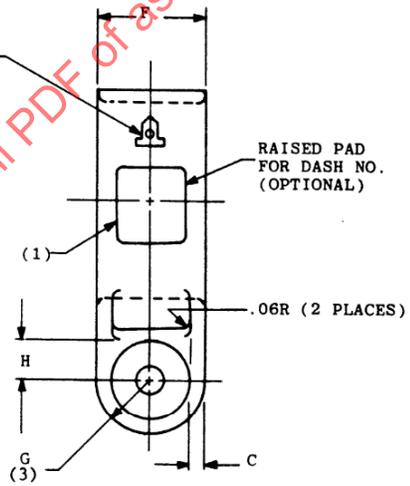


**SECTION C-C**



**CLOSED POSITION (INSTALLED)**

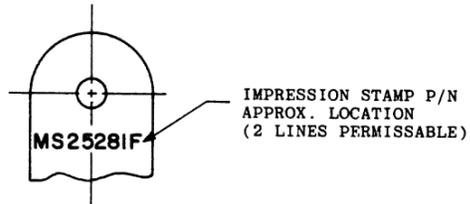
MFG SYMBOL  
(LOCATION APPROX)



**SIDE VIEW**



**SECTION D-D**



**PARTIAL VIEW E-E  
ROTATED 180°**

**STYLE F - FLAT INNER DIAMETER**

**FIGURE 2 - AS25281 STYLE F CLAMP**

	<b>AEROSPACE STANDARD</b>	<b>AS25281™</b> SHEET 3 OF 5	<b>REV.</b> <b>E</b>
	CLAMP, LOOP, PLASTIC, WIRE SUPPORT		

TABLE 2 - FOR STYLE F - FLAT INNER DIAMETER ONLY

DASH NO.	APPROX. CABLE BUNDLE DIA+1/64	A +.010 -.005	B +.010 -.005	C +.010 -.005	D ±.020	E ±.025	F ±.015	G RADIUS	H ±.015	R REF	S ±.010	T +.010 -.005
2	1/8	.065	.065	.060	.125	.457	.500	.250	.240	.102	.020R	.040
3	3/16				.187	.498				.133		
4	1/4				.250	.529				.165		
5	5/16	.095	.095	.090	.312	.560	.600	.300	.220	.206	.030R	.050
6	3/8				.375	.592				.250		
7	7/16				.437	.623				.281		
8	1/2				.500	.654				.312		
9	9/16	.125	.125	.090	.562	.752	.600	.300	.220	.343	.030R	.073
10	5/8				.625	.783				.385		
11	11/16				.687	.814				.415		
12	3/4				.750	.845				.447		
13	13/16				.812	.877				.478		
14	7/8				.875	.908				.509		
15	15/16				.937	.939				.540		
16	1.000				1.000	.970				.572		
17	1-1/16	.125	.125	.090	1.062	1.002	.600	.300	.220	.603	.030R	.082
18	1-1/8				1.125	1.062				.643		
19	1-3/16				1.187	1.093				.665		
20	1-1/4				1.250	1.124				.697		

- (1) DASH NO. SIZES: 12PT THRU -4; 24 PT FOR SIZES -5 THRU -20, RAISED NUMERALS.
- (2) MFG. OPTION OF SIZE TO ASSURE SNUG-FIT TO EYELET.
- (3) "G" RADIUS TO BE TANGENT TO "F".

INCH	mm	INCH	mm	INCH	mm	INCH	mm	INCH	mm
.005	0.13	.1875	4.76	.509	12.93	.785	19.94	1.125	28.58
.008	0.20	.188	4.78	.510	12.95	.812	20.62	1.140	28.96
.010	0.25	.198	5.03	.529	13.44	.8125	20.64	1.170	29.72
.015	0.38	.206	5.23	.540	13.72	.814	20.68	1.187	30.15
.0156	0.40	.213	5.41	.546	13.87	.816	20.73	1.1875	30.16
.020	0.51	.220	5.59	.560	14.22	.827	21.01	1.188	30.18
.025	0.64	.235	5.97	.562	14.27	.845	21.46	1.200	30.48
.030	0.76	.240	6.10	.5625	14.29	.875	22.23	1.250	31.75
.038	0.97	.250	6.35	.572	14.53	.877	22.28	1.270	32.26
.040	1.02	.260	6.60	.578	14.68	.878	22.30	1.300	33.02
.050	1.27	.281	7.14	.592	15.04	.878	22.30	1.312	33.32
.060	1.52	.300	7.62	.600	15.24	.910	23.11	1.3125	33.34
.062	1.57	.312	7.92	.603	15.32	.937	23.80	1.330	33.78
.065	1.65	.3125	7.94	.605	15.37	.9375	23.81	1.355	34.41
.073	1.85	.330	8.38	.608	15.44	.938	23.83	1.375	34.93
.075	1.91	.343	8.71	.610	15.49	.939	23.85	1.390	35.31
.080	2.03	.375	9.53	.623	15.82	.941	23.90	1.420	36.07
.082	2.08	.385	9.78	.625	15.88	.970	24.64	1.4375	36.51
.085	2.16	.415	10.54	.639	16.23	.972	24.69	1.438	36.53
.090	2.29	.420	10.67	.643	16.33	.983	24.97	1.500	38.10
.095	2.41	.437	11.10	.654	16.61	1.000	25.40	1.562	39.67
.100	2.54	.4375	11.11	.665	16.89	1.002	25.45	1.625	41.28
.102	2.59	.438	11.12	.675	17.15	1.024	26.01	1.6875	42.86
.109	2.77	.440	11.18	.687	17.45	1.062	26.97	1.688	42.88
.120	3.05	.447	11.35	.6875	17.46	1.0625	26.99	1.750	44.45
.125	3.18	.457	11.61	.688	17.48	1.063	27.00	1.812	46.02
.130	3.30	.478	12.14	.697	17.70	1.066	27.08	1.8125	46.04
.133	3.38	.485	12.32	.706	19.73	1.070	27.18	1.875	47.63
.160	4.06	.495	12.57	.750	19.05	1.043	27.76	1.9375	49.21
.165	4.19	.498	12.65	.752	19.10	1.110	28.19	1.938	49.22
.187	4.75	.500	12.70	.783	19.89	1.124	28.55	2.000	50.80