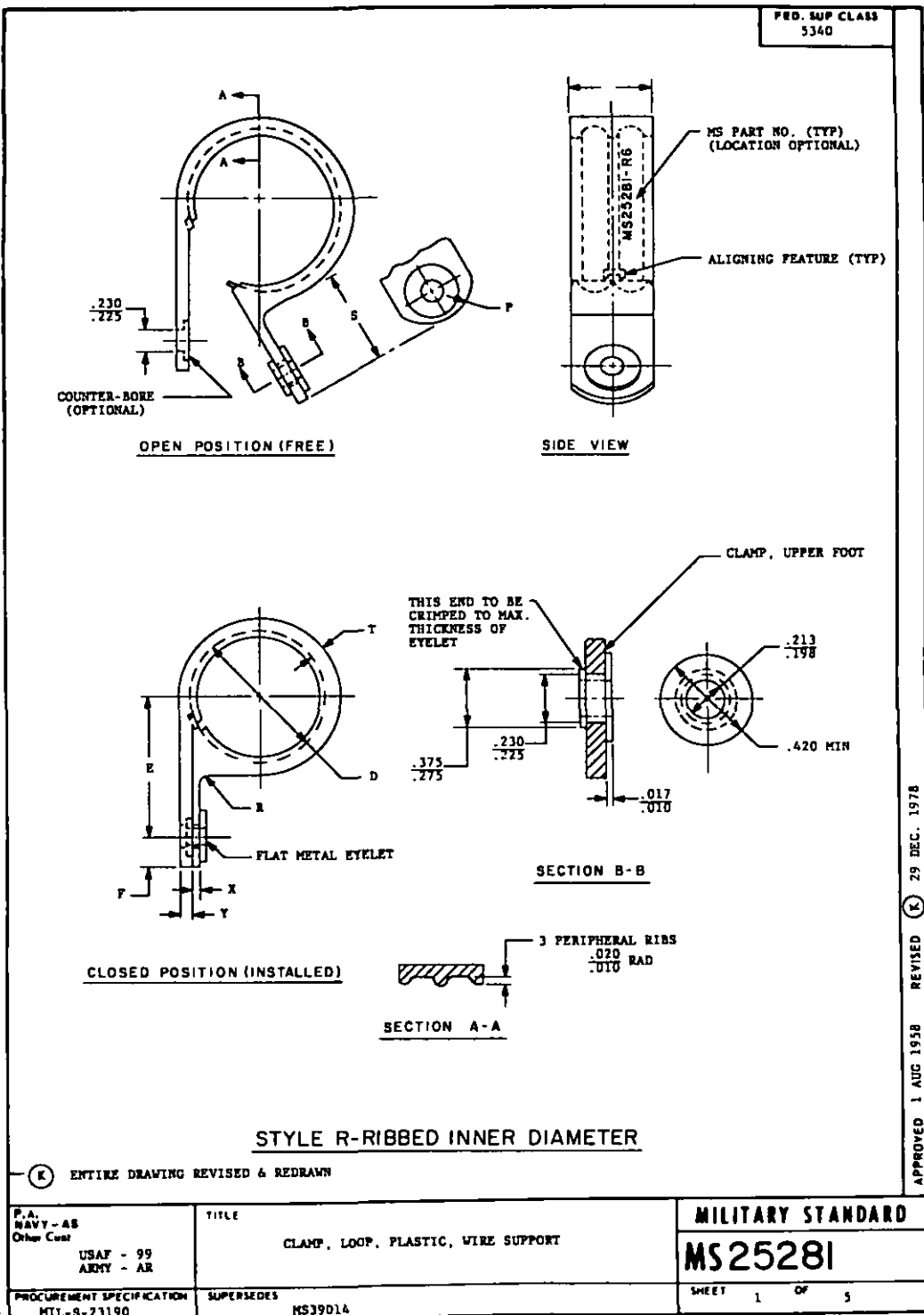


USED SYMBOLS:
NAVY - HC, SH, OS
ARMY - AL

REVIEWER SYMBOLS:
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engineering and design applications and for repetitive use shall
be made from this document.



APPROVED 1 AUG 1958 REVISED (K) 29 DEC 1978

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. (PROJECT NO. 5340-1259)

PLATE NO. 228A

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TABLE I. FOR STYLE R-RIBBED INNER DIAMETER CLAMPS ONLY													FED. SUP CLASS 5340		
DASH NO.	APPROX. CABLE BUNDLE DIA ± .064	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												
-3	3/16	.188	.485					.038	.075					.060	
-4	1/4	.250	.510	.260											
-5	5/16	.312	.546	.240	.250		.540			.510					.100
-6	3/8	.375	.578			.062									
-7	7/16	.438	.608									.080			
-8	1/2	.500	.639												
-9	9/16	.562	.675									.060			
-10	5/8	.625	.708												
-11	11/16	.688	.785					.050	.085					.085	
-12	3/4	.750	.816												
-13	13/16	.812	.827												
-14	7/8	.875	.878												
-15	15/16	.938	.910							.495					
-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	.330	.300		.605			.610					.130
-20	1-1/4	1.250	1.066	.240											
-21*	1-5/16	1.312	1.070			.109									
-22	1-3/8	1.375	1.110									.130			
-23*	1-7/16	1.438	1.140												
-24	1-1/2	1.500	1.170												
-25*	1-9/16	1.562	1.200					.080	.160			.085		.120	
-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.

P.A. NAVY - AS Diver Cust	TITLE	MILITARY STANDARD
USAF - D9 ARMY - AR	CLAMP, LOOP, PLASTIC, WIRE SUPPORT	MS25281
PROCUREMENT SPECIFICATION MIL-S-23190	SUPERSEDES MS39014	SHEET 2 OF 5

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 2285

APPROVED 1 AUG 56 REVISED 1 E FOR CHANGES SEE SHEETS 1 THRU 5

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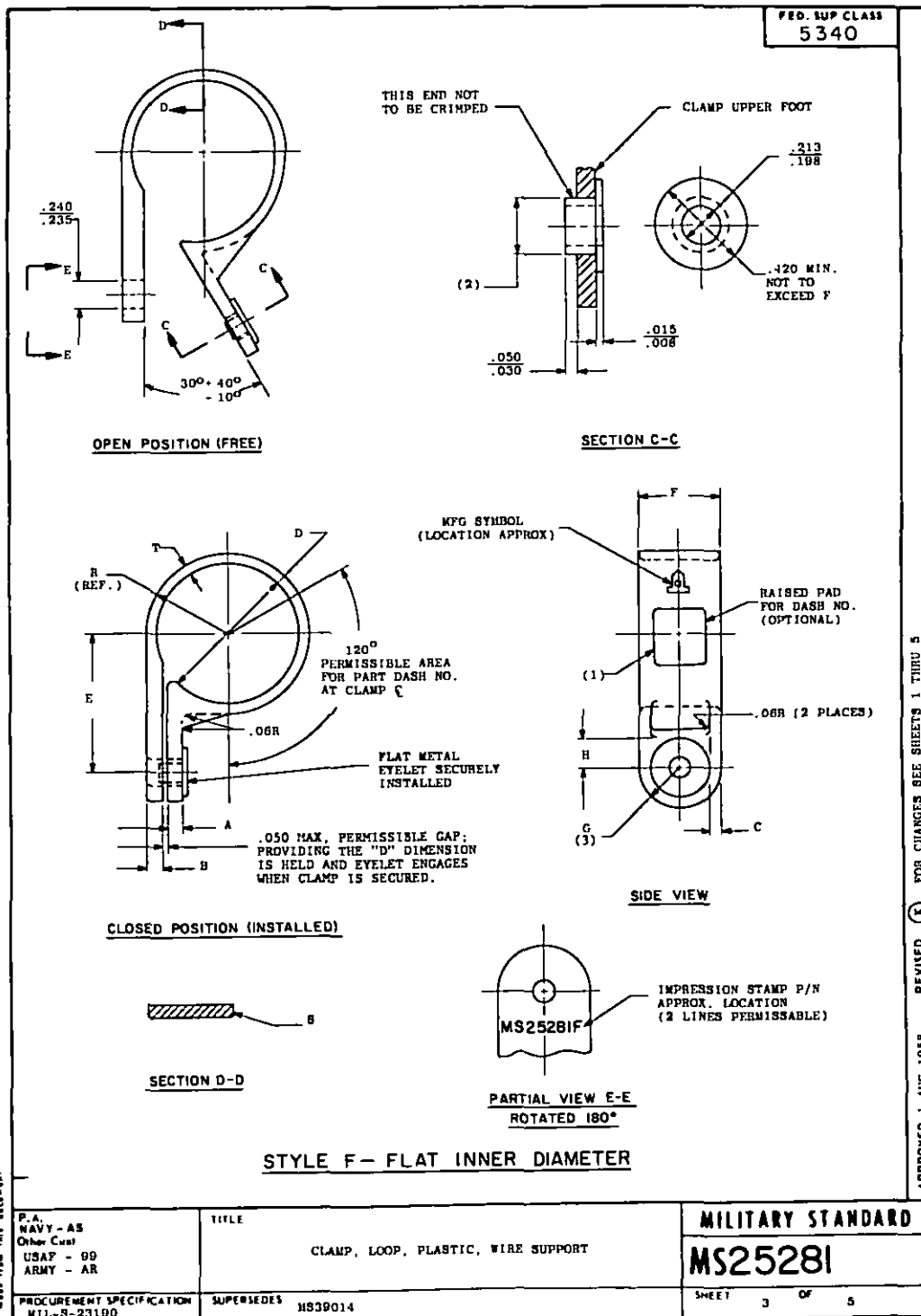
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ARMY - AL

REVIEWER SYMBOLS:

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ARMY - AV
DLA - 15

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DD FORM 672-1 (Coordinated)

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PLATE NO 23068

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REVIEW SYMBOLS:
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ARMY - AV
DLA - IS

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B. Agencies of the Department of Defense. Selection for all new
engineering and design substitutions and for replacement use shall
be made from this document.

FED. SUP CLASS
5340

TABLE II. FOR STYLE F - FLAT INNER DIAMETER ONLY

DASH NO.	APPROX. CABLE BUNDLE DIA $\pm 1/64$	A $\pm .010$ $-.005$	B $\pm .010$ $-.005$	C $\pm .010$ $-.005$	D $\pm .020$	E $\pm .025$	F $\pm .015$	G RADIUS	H $\pm .015$	R REF	S $\pm .010$	T $\pm .010$ $-.005$
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				.312	.560				.206		
6	3/8				.375	.592				.250		
7	7/16	.095	.095	.090	.437	.623	.600	.300	.220	.281	.030R	.073
8	1/2				.500	.654				.312		
9	9/16				.562	.752				.343		
10	5/8	.075	.125	.090	.625	.783	.600	.300	.220	.385	.030R	.073
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	.090	.125	.090	.937	.939	.600	.300	.220	.540	.030R	.073
16	1.000				1.000	.970				.572		
17	1-1/16				1.062	1.002				.603		
18	1-1/8	.125	.125	.090	1.125	1.062	.600	.300	.220	.643	.030R	.073
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	.908	23.06	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	17.93	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

P.A. NAVY - AS Other Cont	TITLE	MILITARY STANDARD
USAF - 99 ARMY - AR	CLAMP, LOOP, PLASTIC, WIRE SUPPORT	MS2528I
PROCUREMENT SPECIFICATION MIL-S-23190	SUPERSEDES MS39014	SHEET 4 OF 5

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO. 22061

APPROVED 1 AUG 1958 REVISED K FOR CHANGES SEE SHEETS 1 THRU 5

USER SYMBOLS:
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REVIEWER SYMBOLS:
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This military standard is approved for use by all Departments and Agencies of the Department of Defense. Revision for all new engineering and design publications and for repetitive use shall be made from this document.

FED. SUP CLASS
5340

ADDITIONAL REQUIREMENTS

MATERIAL:

1. NYLON: HEAT STABILIZED COMPOSITION, MIL-M-20693, COMPOSITION A, TYPE 1.
COLOR: NATURAL
METAL EYELET: ALUMINUM, ANODIZED IN ACCORDANCE WITH MIL-A-8625.

NOTES:

1. DIMENSIONS ARE IN INCHES. DIMENSION "D" IS APPLICABLE IN CLOSED POSITION.
2. REMOVE ALL BURRS AND SHARP EDGES: BREAK ALL SHARP CORNERS. MOLD MARKS AND NORMAL VENT FLASH ARE PERMISSIBLE.
3. METRIC EQUIVALENTS (TO THE NEAREST .01 mm) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 mm.
4. SIDE GATE CUT-OFF PERMISSIBLE PROVIDING "D" DIAMETER AND INNER EDGE RADIUS ARE NOT DISTURBED.
5. CONFIGURATION MAY VARY FROM THAT SHOWN, PROVIDED DIMENSIONS ARE NOT EXCEEDED.
6. TENSILE STRENGTH: TENSILE STRENGTH FOR DASH NUMBERS 2 THROUGH 10 SHALL BE 100 POUNDS MINIMUM AND FOR DASH NUMBERS 11 THROUGH 32 SHALL BE 225 POUNDS MINIMUM.
7. MOUNTING HOLES MAY BE SLIGHTLY ELONGATED OR DISKED FOR EASY REMOVAL FROM MOLD.
8. ODD DASH NUMBERS 19 THROUGH 31 FOR STYLE H ARE NOT CURRENTLY AVAILABLE.
9. EXAMPLE OF PART NUMBERS:

THE LETTER "F" or "R" SHALL PRECEDE THE DASH NUMBER SIZE TO INDICATE WHETHER THE CLAMP HAS A FLAT OR RIBBED INNER DIAMETER. MS25281-F6 CLAMP LOOP PLASTIC, WIRE SUPPORT, FLAT INNER DIAMETER 3/8 INCH BUNDLE DIAMETER. MS25281-R6 CLAMP, LOOP, PLASTIC, WIRE SUPPORT, RIBBED INNER DIAMETER, 3/8 INCH BUNDLE DIAMETER.

10. FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
11. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

APPROVED 1 AUG 1958 REVISED 1 FOR CHANGES SEE SHEETS 1 THRU 5

P.A. NAVY - AS Other Code	TITLE	MILITARY STANDARD
USAF - DD ARMY - AR	CLAMP, LOOP, PLASTIC, WIRE SUPPORT	MS25281
PROCUREMENT SPECIFICATION MIL-S-23290	SUPERSEDES MS38014	SHEET 5 OF 5

DD FORM 672-1 (Continued)

REPLACES DD FORM 672, 1 MAR 57, AND ALL PREVIOUS EDITIONS

PLATE NO 23905