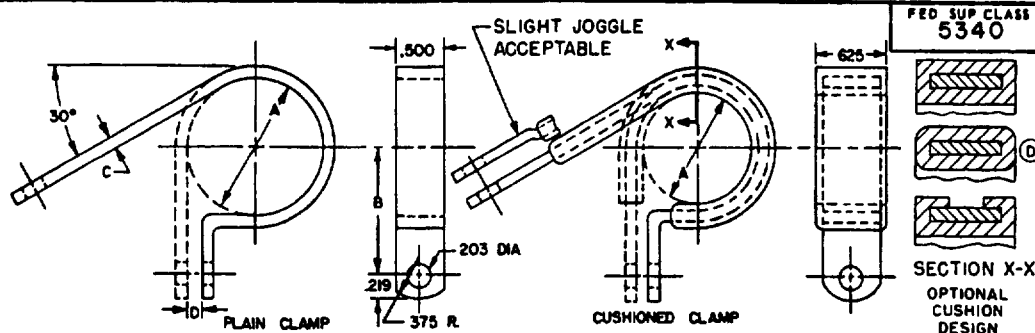


REVIEWER: AV, EL, IS, MI, MU  
USER: AS, AT, CL, MC, OS, SH



Dash No	Dash No	A	B		C	D
Plain	Cushioned	Nom Dia	PLAIN	CUSHIONED		
1	32	.125	.344	.406	.032	.062
2	33	.188	.375	.438		
3	34	.250	.406	.469		
4	35	.312	.438	.500		
5	36	.375	.469	.531		
6	37	.438	.500	.562	.051	.094
7	38	.500	.531	.594		
8	39	.562	.562	.625		
9	40	.625	.594	.656		
10	41	.688	.641	.703		
11	42	.750	.672	.734	.064	.125
12	43	.875	.734	.797		
13	44	1.000	.797	.859		
14	45	1.125	.859	.922		
15	46	1.250	.922	.984		
16	47	1.375	1.000	1.062	.064	.125
17	48	1.500	1.062	1.125		
18	49	1.625	1.125	1.188		
19	50	1.750	1.188	1.250		
20	51	1.875	1.250	1.312		
21	52	2.000	1.312	1.375	.064	.125
22	53	2.125	1.375	1.438		
23	54	2.250	1.438	1.500		
24	55	2.375	1.500	1.562		
25	56	2.500	1.562	1.625		
26	57	2.750	1.688	1.750	.064	.125
27	58	3.000	1.812	1.875		
28	59	3.250	1.938	2.000		
29	60	3.500	2.062	2.125		
30	61	3.750	2.188	2.250		
31	62	4.000	2.312	2.375		

## NOTES.

- MATERIAL** Clamp-Aluminum Alloy in accordance with QQ-A-250/5, Alclad 2024, temper T3 or T4.  
(D) Cushion-Synthetic Rubber in accordance with MIL-R-3065, grade SC515 A<sub>1</sub>B<sub>1</sub>E<sub>3</sub>F<sub>2</sub>, or Platisol in accordance with MIL-P-20689, 0.062 thick
- PROTECTIVE COATING** Clamp-Anodized in accordance with MIL-A-8625, Type II, Class 1.
- DIMENSIONS AND TOLERANCES** All dimensions are in inches unless otherwise specified. Decimals ±.010, angles ±5°
- PART NUMBER** The MS part number consists of the MS number plus the dash number.  
Example: MS21322-1.
- Clamp shall be free of burrs and sharp edges, .010 R max.
- Referenced documents shall be of the issue in effect on date of invitations for bid
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.

P.A.	WC	TITLE	MILITARY STANDARD
Other Cust	YD 82	CLAMP, LOOP-ALUMINUM, PLAIN AND CUSHIONED	MS21322
PROCUREMENT SPECIFICATION	None	SUPERSEDES CNDX2, CNDX2 1 CNDX2 2, CNDX2 3 MK4 101, MK4 121, MK4 121A, MK4 121B, MK4 121C	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

This military standard has been approved by the Department of Defense and is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 19 JAN 61  
REVISED A 15 MAY 63 B 23 FEB 68 C 10 MAR 1970 D 22 JUN 1972

FED SUP CLASS  
5340SECTION X-X  
OPTIONAL  
CUSHION  
DESIGN

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No 119-R004
<p style="text-align: center;"><u>INSTRUCTIONS</u></p> <p>This sheet is to be filled out by personnel either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity (as indicated on reverse hereof).</p>		
SPECIFICATION		
ORGANIZATION (of submitter)		CITY AND STATE
CONTRACT NO.	QUANTITY OF ITEMS PROCURED	DOLLAR AMOUNT \$
MATERIAL PROCURED UNDER A		
<input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1 HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A GIVE PARAGRAPH NUMBER AND WORDING		
B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES.		
2 COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3 IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO IF "YES", IN WHAT WAY?		
4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
SUBMITTED BY (Printed or typed name and activity)		DATE

FOLD

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