

0861 Mr 8

Review activities: Army - AR, MI  
Navy - EC  
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User activities: Army - AV, ME  
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This military standard is approved 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 when applicable.

FED. SUP CLASS 5935													
DASH NO. (WITH CHAIN)	DASH NO. (WITH ROPE)	A + .001 (.03) - .005 (.13) DIA	B + .006 (.15) - .002 (.05) DIA BAY PIN	C + .000 (.00) - .016 (.41) DIA OVER BAY PINS	D + .005 (.13) - .001 (.03) DIA	F MAX OVERALL	H + .500 (12.70) - .250 (6.35) STD. CHAIN/ ROPE LENGTH	J + .010 (.25) - .020 (.51) DISK LOC.	L MAX LENGTH	M + .031 (.25) - .000 (.00) SHLDR LOC.	Q + .005 (.13) - .006 (.15) DIA OVER KWYS	W PIN LOC.	X MAX LENGTH OVERALL
-8C	-8R	.473 (12.01)		.563 (14.30)	.362 (9.19)	.719 (18.26)				.412 (10.46)			
-10C	-10R	.590 (14.99)		.680 (17.27)	.490 (12.45)	.844 (21.44)	3.000 (76.20)			.540 (13.72)			
-12C	-12R	.750 (19.05)		.859 (21.82)	.607 (15.42)	1.000 (25.40)		.328 (8.33)	.562 (14.27)	.368 (9.35)	.689 (17.50)		
-14C	-14R	.875 (22.22)		.984 (24.99)	.732 (18.59)	1.125 (28.58)				.814 (20.68)			
-16C	-16R	1.000 (25.40)	.078 (1.98)	1.108 (28.14)	.857 (21.77)	1.250 (31.75)	3.500 (88.90)			.939 (23.85)	.100 (2.54)		
-18C	-18R	1.125 (28.58)		1.233 (31.32)	.962 (24.43)	1.375 (34.92)				1.039 (26.39)			.781 (19.84)
-20C	-20R	1.250 (31.75)		1.358 (34.49)	1.087 (27.61)	1.500 (38.10)			.625 (15.88)	.430 (10.92)	.164 (29.57)		.844 (21.44)
-22C	-22R	1.375 (34.92)		1.483 (37.67)	1.212 (30.78)	1.625 (41.28)	4.000 (101.60)	.390 (9.91)			1.289 (32.74)		
-24C	-24R	1.500 (38.10)	.125 (3.18)	1.610 (40.89)	1.337 (33.96)	1.750 (44.45)			.658 (16.71)	.463 (11.76)	.109 (2.77)		.875 (22.22)

NOTES:  
1. Unless otherwise specified, dimensions in inches. Dimensioning and tolerancing in accordance with ANSI Y-14.5-1973.  
2. Materials: Cover - Aluminum alloy: Bayonet pins (B dia) stainless steel, passivated.  
Chain - Stainless steel, passivated in accordance with RR-C-271, type II, class 3.  
Disk - Silicone elastomer.  
Fasteners - Stainless steel, passivated.  
Rope - 7 strand stainless steel, passivated.  
3. The chain or rope shall rotate freely on the fastener.  
Example of part number: MS3180 - 12C

Diagram showing part number breakdown: MS3180 - 12C. BASIC PART NUMBER: MS3180. DASH NO.: 12C. FINISH: L. LENGTH: L-5 inches +.500, -.250 chain or rope in lieu of standard length. Leave blank for standard lengths.

4. Finish - A-hard, anodic, non-conductive in accordance with MIL-A-8625, type III, .0008 inch minimum thickness.  
5. This cover must meet the fluid resistance requirements of MIL-C-26482, series 1 and 2 connectors.  
6. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.  
7. Metric equivalents are in parentheses.  
8. When keyways are not used the inside diameter shall be Q, not D.  
9. Values applies to "W" dimension are true position.

MILITARY STANDARD

MS3180

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