



AS85049/42 and MS3057D

Straight Non-Self-Locking Strain Relief

for Use with MS "V" Thread General Duty "A" End Bell

Basic
Part Number

Dash No.

M85049/42

- 10D

W

Superseded PART NUMBER

MS3057 -10D A

Basic Part No.

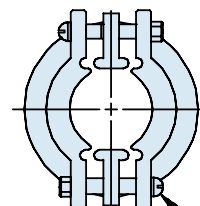
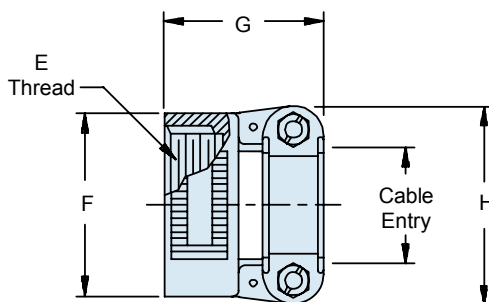
Dash
No.

Metal and Finish Designator

A = Aluminum Cadmium Olive Drab over Electroless Nickel
 C = Aluminum, Cadmium Olive Drab
 N = Aluminum, Electroless Nickel
 D = 300 Series Steel, Cadmium Black Plate
 S = 300 Series Steel, Passivate

Finish

A = Anodize, Black
 N = Electroless Nickel
 W = 1,000 Hour Cadmium Olive Drab over Electroless Nickel
 X = Pure Dense Electrodeposited Aluminum
 Y = Passivated
 Z = Zinc-Nickel, Black

Stainless Steel
Clamp Saddle
Configuration

Telescoping Screws

TABLE I: Shell Size, Cable Entry and Backshell Dimensions

Dash No.	E Thread Class 2B	Ø F Max	Ø G		H		Cable Entry			
			±.020	(.5)	±.020	(.5)	Max		Min	
4D	5/8 - 24 UNEF	.937 (23.8)	1.281	(32.5)	.937	(23.8)	.312	(7.9)	.125	(3.2)
6D	3/4 - 20 UNEF	1.031 (26.2)	1.281	(32.5)	1.125	(28.6)	.437	(11.1)	.250	(6.4)
8D	7/8 - 20 UNEF	1.250 (31.8)	1.281	(32.5)	1.312	(33.3)	.562	(14.3)	.312	(7.9)
10D	1 - 20 UNEF	1.250 (31.8)	1.281	(32.5)	1.312	(33.3)	.625	(15.9)	.350	(8.9)
12D	1 3/16 - 18 UNEF	1.437 (36.5)	1.312	(33.3)	1.531	(38.9)	.750	(19.1)	.500	(12.7)
16D	1 7/16 - 18 UNEF	1.688 (42.9)	1.406	(35.7)	1.750	(44.5)	.937	(23.8)	.625	(15.9)
20D	1 3/4 - 18 UNS	2.000 (50.8)	1.563	(39.7)	2.093	(53.2)	1.250	(31.8)	.875	(22.2)
24D	2 - 18 UNS	2.250 (57.2)	1.625	(41.3)	2.343	(59.5)	1.375	(34.9)	1.000	(25.4)
28D	2 1/4 - 16 UN	2.500 (63.5)	1.900	(48.3)	2.750	(69.9)	1.625	(41.3)	1.250	(31.8)
32D	2 1/2 - 16 UN	2.750 (69.9)	1.900	(48.3)	3.000	(76.2)	1.875	(47.6)	1.437	(36.5)

APPLICATION NOTES

1. Assembly to be identified with manufacturer's name and part number, space permitting.
2. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
3. For complete dimensions, see the applicable Military Specification.
4. Metric dimensions (mm) are in parentheses.