

OCTAXIAL CONTACTS SpeedMaster™ Backshells



443H*042 Banding Backshell, Shrouded, Expanded Clearance

Self-Locking

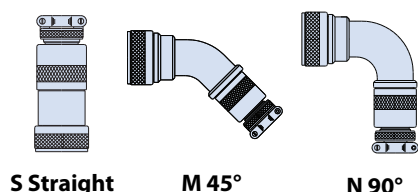


Environmental. “Band-in-a-Can” shield termination. **Saddle clamp.** 443H*042 banding backshell fits MIL-DTL-38999 Series III and IV connectors. Backshell has increased clearance for SpeedMaster contact modules. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield with band strap (optional). Environmentally sealed with O-rings. Aluminum or stainless steel. Saddle clamp hardware is passivated SST. Silicone O-rings and grommet.

ADAPTER CODE H

- This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

PROFILE SELECTION GUIDE



S Straight

M 45°

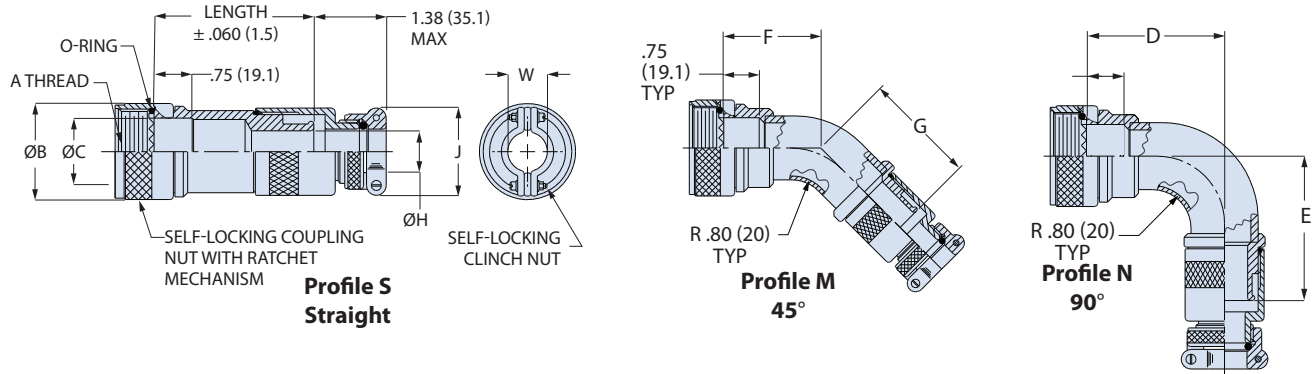
N 90°

Part Number Development										
Sample Part Number		443H	S	042	M	19	06	-4	K	P
Series - Basic Part No.	443H Banding Backshell, Shrouded, Expanded Clearance									
Angular Function	M = 45° Bent Tube N = 90° Bent Tube S = Straight									
Basic Part No.	042									
Material/Finish	ME = Aluminum / Electroless Nickel MT = Aluminum / Nickel-PTFE NF = Aluminum / Olive Drab Cadmium ZR = Aluminum / Black Zinc-Nickel TZ = Aluminum / Tin-Zinc Z1 = Stainless Steel / Passivated									
Shell Size	09, 11, 13, 15, 17, 19, 21, 23, 25									
Entry Size	Size	Cable Range		Shell Sizes						
		Min	Max							
	01	.125 (3.2)	.250 (6.4)	09-25						
	02	.188 (4.8)	.375 (9.5)	11-25						
	03	.312 (7.9)	.438 (11.1)	13-25						
	04	.343 (8.7)	.500 (12.7)	13-25						
	05	.438 (11.1)	.625 (15.9)	15-25						
	06	.562 (14.3)	.750 (19.1)	17-25						
	07	.688 (17.5)	.875 (22.2)	19-25						
	08	.812 (20.6)	1.000 (25.4)	21-25						
09	.938 (23.8)	1.125 (28.6)	23-25							
Length	-4 = 2.0 inches -6 = 3.0 inches		-5 = 2.5 inches -7 = 3.5 inches							
Band	Omit if not required K = Pre-Coiled Band Included									
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only. P = Nickel Plated Shield Termination Area with Polysulfide Barrier									

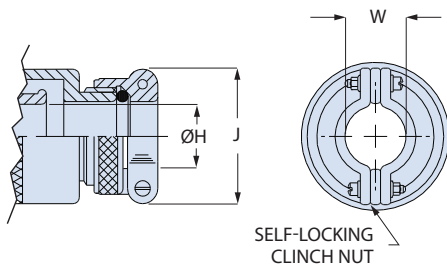
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Dimensions								
Shell Size	A Thread	ØB Max	ØC Min	D Max.	E Max.	F Max.	G Max.	Max Entry Size
11	M15X1.0-6H	1.06 (26.9)	.470 (11.9)	1.955 (49.7)	1.965 (49.9)	1.460 (37.1)	1.470 (37.3)	03
17	M25X1.0-6H	1.42 (36.1)	.834 (21.2)	2.275 (57.8)	2.285 (58.0)	1.580 (40.1)	1.590 (40.4)	06
19	M28X1.0-6H	1.54 (39.1)	.940 (23.9)	2.338 (59.4)	2.348 (59.6)	1.606 (40.8)	1.616 (41.0)	07
21	M31X1.0-6H	1.67 (42.4)	1.065 (27.1)	2.399 (60.9)	2.409 (61.2)	1.588 (40.3)	1.598 (40.6)	08
25	M37X1.0-6H	2.12 (53.8)	1.315 (33.40)	2.525 (64.1)	2.535 (64.4)	1.641 (41.7)	1.651 (41.9)	09



Entry Size						
Entry Size	Cable Range		J Max.	W Closed	Ø H	Shell Sizes
	Min.	Max.				
01	.125 (3.2)	.250 (6.4)	1.05 (26.7)	.264 (6.7)	.25 (6.4)	09-25
02	.188 (4.8)	.375 (9.5)	1.20 (30.5)	.344 (8.7)	.37 (9.4)	11-25
03	.312 (7.9)	.438 (11.1)	1.30 (33.0)	.460 (11.7)	.43 (10.9)	13-25
04	.343 (8.7)	.500 (12.7)	1.44 (36.6)	.545 (13.8)	.50 (12.7)	13-25
05	.438 (11.1)	.625 (15.9)	1.69 (42.9)	.698 (17.7)	.62 (15.7)	15-25
06	.562 (14.3)	.750 (19.1)	1.77 (45.0)	.780 (19.8)	.75 (19.1)	17-25
07	.688 (17.5)	.875 (22.2)	2.12 (53.8)	.950 (24.1)	.87 (22.1)	19-25
08	.812 (20.6)	1.000 (25.4)	2.50 (63.5)	1.015 (25.8)	1.00 (25.4)	21-25
09	.938 (23.8)	1.125 (28.6)	2.62 (66.5)	1.187 (30.1)	1.12 (28.4)	23-25

BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding. The Band-Master ATS® Advanced Cable Shield Termination System provides excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band
601-041



Banding Tool
601-100

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

Plating codes NF, ZR and TZ only

