

189-016 Self-Locking Banding Backshell with Strain Relief

SuperNine® MIL-DTL-38999 Type



MATERIAL AND FINISH

- Adapter, Coupling Nut: See Material and Finish table
- Clamp Components: Ryton R4XT-Black, Ultem 1000-Natural
- Anti-Rotation Device: Torlon 42031-Natural

NOTES

- Glenair 600 Series Backshell assembly tools are recommended for assembly and installation.
- Standard minimum length: 1.5 inches, for shorter length consult factory.
- For Shield termination see Glenair drawings 600-050 & 600-052.
- Consult factory for larger cable size.
- MIL-I-23053/4 & /5 Shrink Sleeve packaged loose in a plastic bag.
- MIL-I-23053/4 Shrink Sleeve to be heat shrunk over rear of Adapter before MIL-I-23053/5 Shrink Sleeve.
- For assembly instruction, see GAP-064

MATERIAL AND FINISH

Code	Material	Finish Description
M*	Aluminum Alloy	Electroless Nickel
MA		Electroless Nickel, Matte
ME		Electroless Nickel
MT		Nickel-PTFE, Gray
NF		Cadmium, Olive Drab
TZ		Tin-Zinc, Bronze-Gold
ZN		Zinc-Nickel, Olive Drab
ZNU	Composite	Zinc-Nickel, Black
ZR		Zinc-Nickel, Black (RoHS)
XM		Electroless Nickel
XMT		Nickel - PTFE, Grey
XW	Stainless Steel	Cadmium, Olive Drab
XZN		Zinc-Nickel, Black
MS		Electroless Nickel
ZL	Marine Bronze	Electro-Deposited Nickel
ZI		Passivate
AB		No Plating

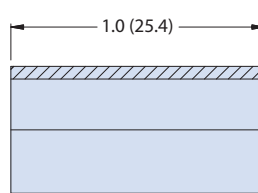
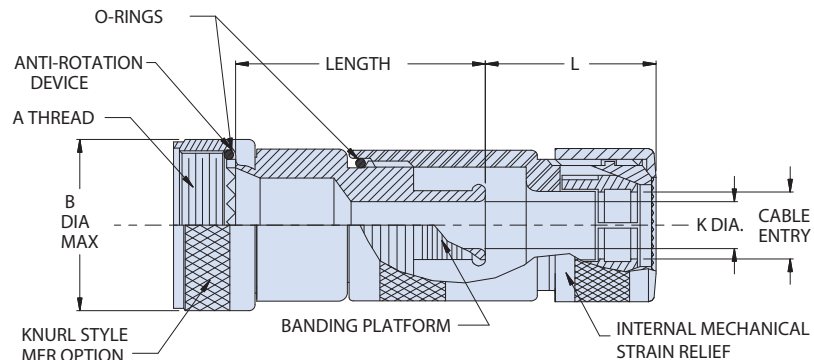
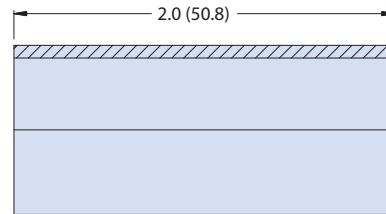
*Inactive for new design. Use "ME" finish.

Band-in-a-Can type backshell ideally suited for hybrid fiber optic and electrical applications which require a cable shield termination as well as light-duty cable strain relief.

HOW TO ORDER

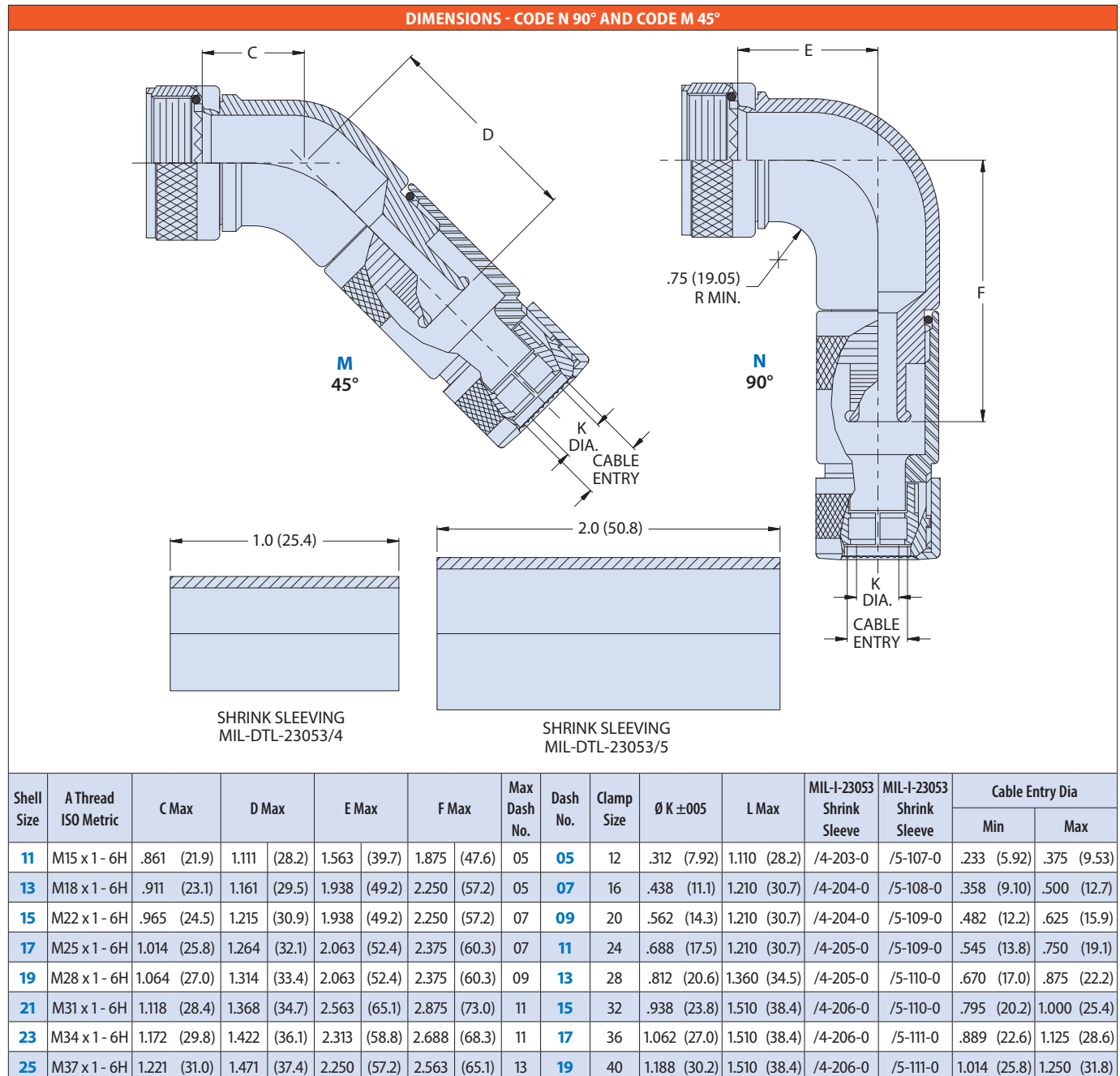
Sample Part Number	189	H	S	016	M	17	07	-3	B
Series	Backshell								
Connector Designator	H = MIL-DTL-38999, Series III								
Angle Code	S = Straight M = 45° N = 90°								
Basic No.	Self-locking banding backshell with strain relief								
Material/Finish	See Material and Finish table								
Shell Size	See Dimensions tables								
Clamp-Size Dash Number	See Dash Numbers table								
Length	In 1/2 inch increments (Example: 3 = 1.5 Inches). Minimum 1.5" For code S Straight backshell only, omit for 45° or 90°								
Band Strap	B = Supplied with band strap Omit = No band strap								

DIMENSIONS - CODE S STRAIGHT

SHRINK SLEEVING
MIL-DTL-23053/4SHRINK SLEEVING
MIL-DTL-23053/5

Shell Size	A Thread ISO Metric	ØB Max	Max Dash No.	DASH NUMBERS								Cable Entry Dia	
				Dash No.	Clamp Size	Ø K ±005	L Max	MIL-I-23053 Shrink Sleeve	MIL-I-23053 Shrink Sleeve	Min	Max		
11	M15 x 1 - 6H	0.890 (22.6)	05										
13	M18 x 1 - 6H	1.020 (25.9)	05	05	12	.312 (7.92)	1.110 (28.2)	/4-203-0	/5-107-0	.233 (5.92)	.375 (9.53)		
15	M22 x 1 - 6H	1.150 (29.2)	07	07	16	.438 (11.1)	1.210 (30.7)	/4-204-0	/5-108-0	.358 (9.10)	.500 (12.7)		
17	M25 x 1 - 6H	1.230 (31.2)	07	09	20	.562 (14.3)	1.210 (30.7)	/4-204-0	/5-109-0	.482 (12.2)	.625 (15.9)		
19	M28 x 1 - 6H	1.360 (34.5)	09	11	24	.688 (17.5)	1.210 (30.7)	/4-205-0	/5-109-0	.545 (13.8)	.750 (19.1)		
21	M31 x 1 - 6H	1.480 (37.6)	11	13	28	.812 (20.6)	1.360 (34.5)	/4-205-0	/5-110-0	.670 (17.0)	.875 (22.2)		
23	M34 x 1 - 6H	1.600 (40.6)	11	15	32	.938 (23.8)	1.510 (38.4)	/4-206-0	/5-110-0	.795 (20.2)	1.000 (25.4)		
				17	36	1.062 (27.0)	1.510 (38.4)	/4-206-0	/5-111-0	.889 (22.6)	1.125 (28.6)		
25	M37 x 1 - 6H	1.730 (43.9)	13	19	40	1.188 (30.2)	1.510 (38.4)	/4-206-0	/5-111-0	1.014 (25.8)	1.250 (31.8)		

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