

# 189-037 Self-Locking Banding Backshell with Strain Relief and Bend Restrictor

SuperNine® MIL-DTL-38999 Type



### MATERIAL AND FINISH

- Adapter, Coupling Nut: See Material and Finish table
- Strain Relief Components: Nylon 6/6 (Flame-resistant/zero Halogen)
- Anti-Rotation Device: Torlon 42031-Natural
- O-Rings: Fluorosilicone

### NOTES

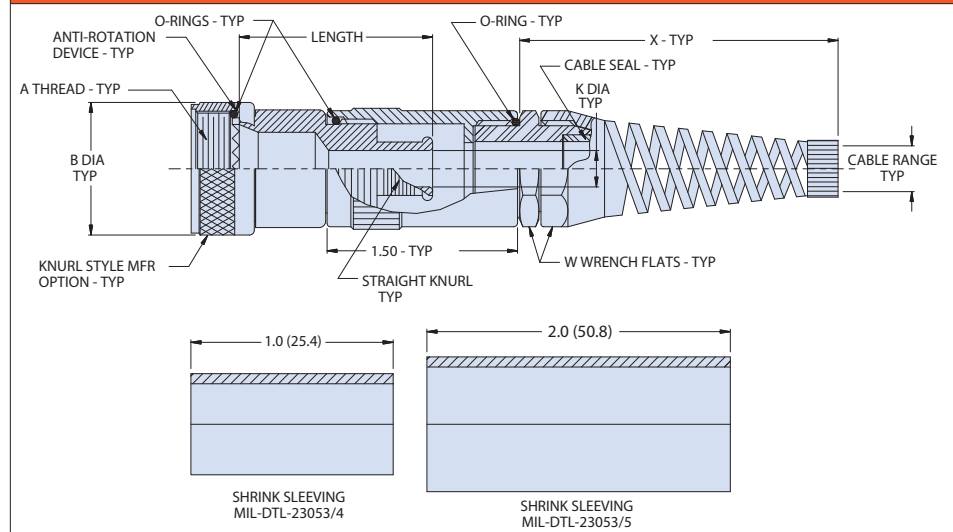
- Glenair 600 Series Backshell assembly tools are recommended for assembly and installation.
- Band may be ordered separately. See Glenair drawing 600-052.
- Standard minimum length: 1.5 inches, for shorter length consult factory.
- MIL-I-23053/4 & /5 Shrink Sleeve packaged loose in a plastic bag.
- MIL-I-23053/4 Shrink Sleeve to be heat shrunk over rear of Adapter before MIL-I-23053/5 Shrink Sleeveing.
- For assembly instruction see GAP-065

Band-in-a-Can type backshell ideally suited for hybrid fiber optic and electrical applications which require a cable shield termination as well as a bend-restricting strain relief. Band porch may also be used for termination of F/O cable Kevlar strength member.

### HOW TO ORDER

<b>Sample Part Number</b>	<b>189</b>	<b>H</b>	<b>S</b>	<b>037</b>	<b>M</b>	<b>17</b>	<b>07</b>	<b>-3</b>
<b>Basic Number</b>	Backshell							
<b>Connector Designator</b>	<b>H</b> = MIL-DTL-38999, Series III							
<b>Angle</b>	<b>S</b> = Straight <b>M</b> = 45° <b>N</b> = 90°							
<b>Basic Number</b>	Self locking, banding backshell with flexible bend restrictor							
<b>Material/Finish</b>	See Material and Finish table							
<b>Shell Size</b>	See Dimensions table							
<b>Dash Number</b>	See Dash No. for Cable Accommodation and Shrink Sleeves tables							
<b>Length for code S Straight Backshell</b>	In 1/2 inch increments (Example: 3 = 1.5 Inches). Minimum 1.5"							

### DIMENSIONS - CODE S STRAIGHT

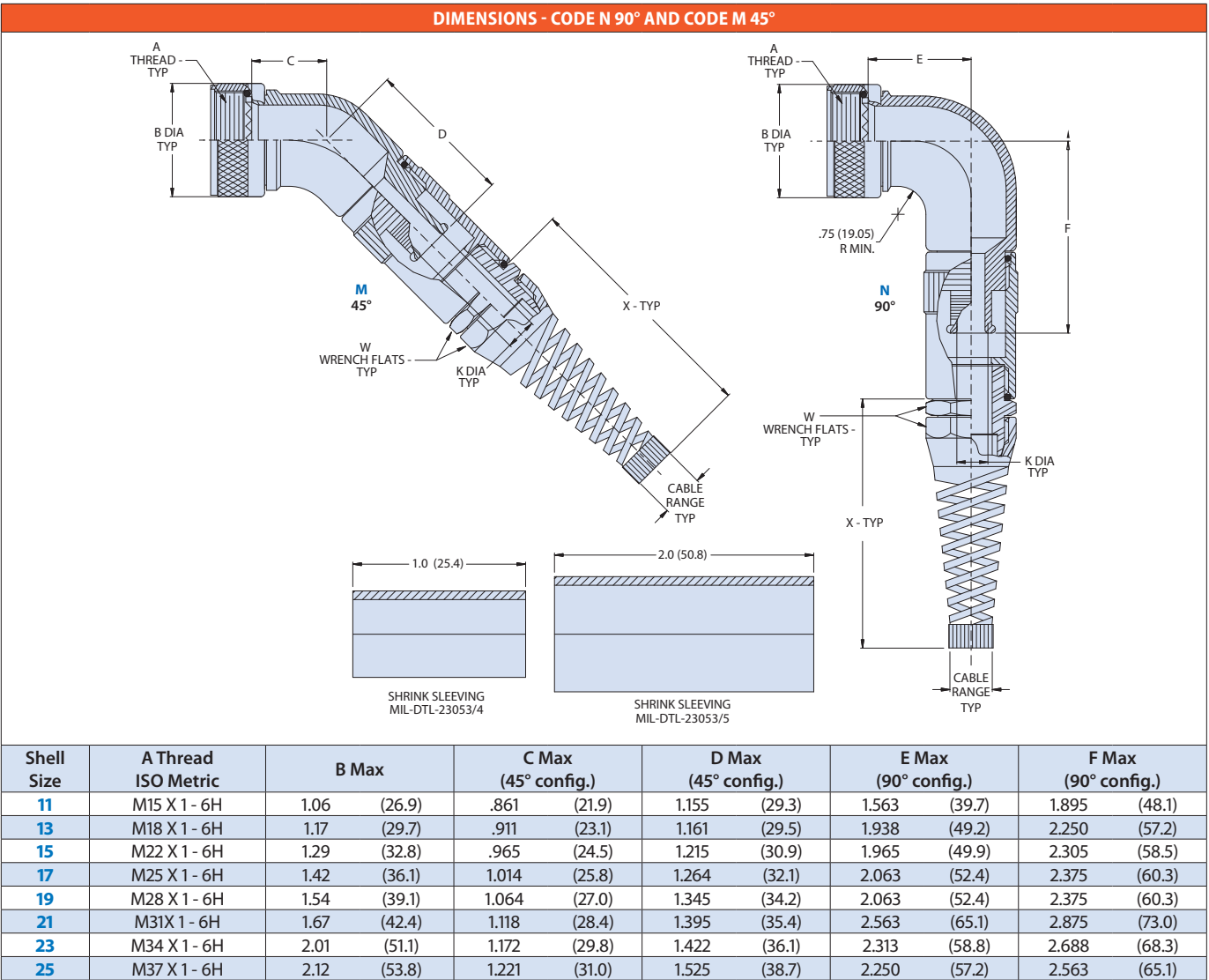


MATERIAL AND FINISH		
Code	Material	Finish Description
<b>M*</b>	Aluminum Alloy	Electroless Nickel
<b>MA</b>		Electroless Nickel, Matte
<b>ME</b>		Electroless Nickel
<b>MT</b>		Nickel-PTFE, Gray
<b>NF</b>		Cadmium, Olive Drab
<b>TZ</b>		Tin-Zinc, Bronze-Gold
<b>ZN</b>		Zinc-Nickel, Olive Drab
<b>ZNU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

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

Shell Size	A Thread ISO Metric	B Max	DASH NO. FOR CABLE ACCOMMODATION AND SHRINK SLEEVES						
			Dash No.	Cable Dia Range	Ø K ±005	W Hex	X	MIL-I-23053 Shrink Sleeve	MIL-I-23053 Shrink Sleeve
<b>11</b>	M15 X 1 - 6H	1.06 (26.9)	<b>04</b>	.125/.200	.250 (6.35)	.590 (15.0)	1.97 (50.0)	/4-203-0	/5-106-0
<b>13</b>	M18 X 1 - 6H	1.17 (29.7)							
<b>15</b>	M22 X 1 - 6H	1.29 (32.8)							
<b>17</b>	M25 X 1 - 6H	1.42 (36.1)							
<b>19</b>	M28 X 1 - 6H	1.54 (39.1)							
<b>21</b>	M31 X 1 - 6H	1.67 (42.4)							
<b>23</b>	M34 X 1 - 6H	2.01 (51.1)							
<b>25</b>	M37 X 1 - 6H	2.12 (53.8)	<b>09</b>	.390/.550	.562 (14.3)	1.06 (26.9)	3.66 (93.0)	/4-204-0	/5-109-0
			<b>11</b>	.550/.670	.688 (17.5)	1.30 (33.0)	4.37 (111.0)	/4-205-0	/5-109-0

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**DASH NO. FOR CABLE ACCOMMODATION AND SHRINK SLEEVES**

Dash No.	Cable Dia Range	Ø K ±005	W Hex	X	MIL-I-23053 Shrink Sleeve	MIL-I-23053 Shrink Sleeve
04	.125/.200	.250 (6.35)	.590 (14.99)	1.97 (50.04)	/4-203-0	/5-106-0
05	.200/.285	.312 (8.0)	.750 (19.1)	2.32 (58.9)	/4-203-0	/5-107-0
07	.285/.390	.438 (11.1)	.870 (22.1)	2.80 (71.1)	/4-204-0	/5-108-0
09	.390/.550	.562 (14.3)	1.06 (26.9)	3.66 (93.0)	/4-204-0	/5-109-0
11	.550/.670	.688 (17.5)	1.30 (33.0)	4.37 (111.0)	/4-205-0	/5-109-0