

# Series 44 Banding Backshells

for MIL-DTL-28840 Connectors

## 440G\*058 Banding Backshell, Shrink Boot



**Spin coupling. Band-Master ATS® shield termination.** 440G\*058 banding backshell fits MIL-DTL-28840 connectors. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel.

**Adapter Code G**

This accessory fits MIL-DTL-28840 and Glenair Series 901 Connectors

### PROFILE SELECTION GUIDE

**S** Straight

**H** 45°

**J** 90°

### PART NUMBER

		<b>440GS058</b>	<b>TZ</b>	<b>19</b>	<b>06-</b>	<b>4</b>	<b>K</b>	<b>P</b>	<b>T</b>	
Base P/N	Base Part No.	Profile								
	<b>440GS058</b>	<b>S</b>	Straight							
	<b>440GH058</b>	<b>H</b>	45°							
	<b>440GJ058</b>	<b>J</b>	90°							
Material/Finish	<b>M</b>	Alum/Electroless Nickel								
	<b>NF</b>	Alum/Cadmium, Olive Drab								
	<b>ZR</b>	Alum/Black Zinc-Nickel								
	<b>TZ</b>	Alum/Tin-Zinc								
	<b>ZI</b>	SST/Passivated								
	<b>ZU</b>	SST/Cadmium, Black								
	<b>ZTZ</b>	SST/Tin-Zinc								
Shell Size	Shell Size	11	13	15	17	19	23	25	29	33
		A	B	C	D	E	F	G	H	J
	Size Code	<b>11</b>	<b>13</b>	<b>15</b>	<b>17</b>	<b>19</b>	<b>23</b>	<b>25</b>	<b>29</b>	<b>33</b>
Entry Size	See Table 1									
Length	<b>3</b>	1.5 inches	Applies to Profile <b>S</b> only.							
	<b>4</b>	2.0 inches	If Entry Size is greater than							
	<b>5</b>	2.5 inches	"Maximum Entry Size" (see table),							
	<b>6</b>	3.0 inches	then 2 inch minimum applies.							
Band	Omit if not required									
	<b>K</b>	Pre-Coiled Band Included								
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.									
	<b>P</b>	Nickel Plated Shield Termination Area with Polysulfide Barrier								
Shrink Boot	Omit if not required									
	<b>T</b>	Semi-Rigid Elastomer Shrink Boot								
	<b>TI</b>	Adhesive-lined Semi-Rigid Elastomer Shrink Boot								
	<b>H</b>	Zero Halogen Shrink Boot								
	<b>HI</b>	Adhesive-lined Zero Halogen Shrink Boot								

**TABLE 1: ENTRY SIZE**

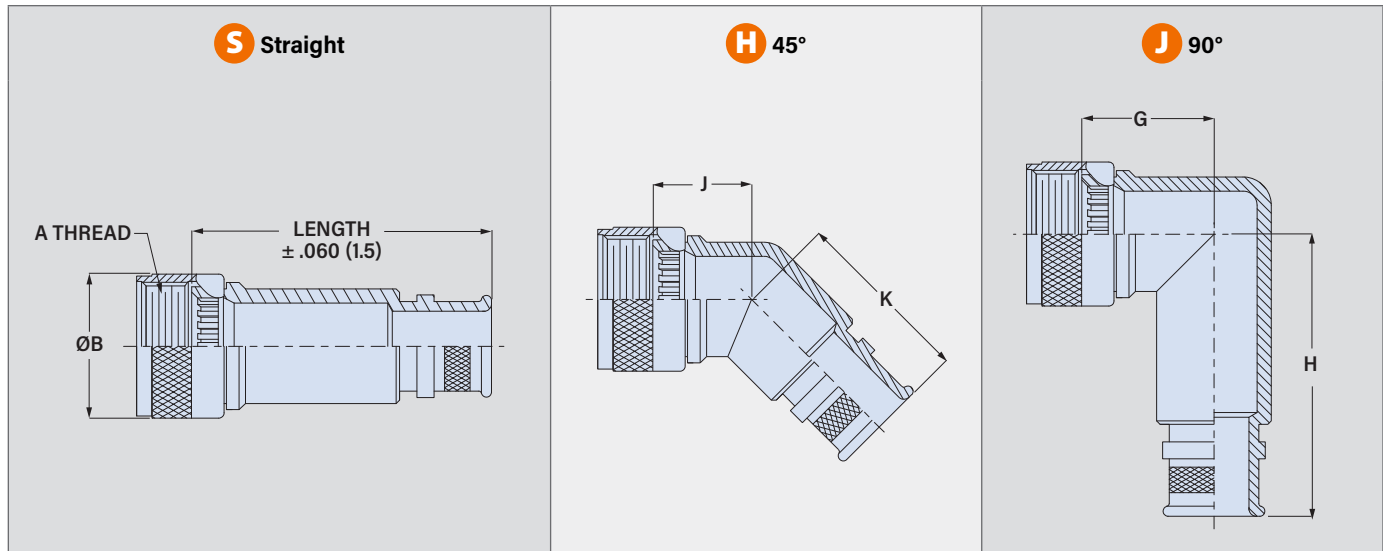
Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)		Entry Size	Shell Sizes*	±.015(0.4)		±.015(0.4)		±.015(0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
<b>01</b>	11-33	.125	3.2	.250	6.4	.312	7.9	<b>09</b>	25-33	1.125	28.6	1.250	31.8	1.312	33.3
<b>02</b>	11-33	.250	6.4	.375	9.5	.438	11.1	<b>10</b>	29-33	1.250	31.8	1.375	34.9	1.438	36.5
<b>03</b>	11-33	.375	9.5	.500	12.7	.562	14.3	<b>11</b>	29-33	1.375	34.9	1.500	38.1	1.562	39.7
<b>04</b>	13-33	.500	12.7	.625	15.9	.687	17.4	<b>12</b>	33	1.500	38.1	1.625	41.3	1.688	42.9
<b>05</b>	15-33	.625	15.9	.750	19.1	.812	20.6	<b>13</b>	33	1.625	41.3	1.750	44.5	1.812	46.0
<b>06</b>	17-33	.750	19.1	.875	22.2	.938	23.8	<b>14</b>	-	1.750	44.5	1.875	47.6	1.938	49.2
<b>07</b>	19-33	.875	22.2	1.000	25.4	1.062	27.0	<b>15</b>	-	1.875	47.6	2.000	50.8	2.062	52.4
<b>08</b>	23-33	1.000	25.4	1.125	28.6	1.188	30.2	<b>16</b>	-	2.000	50.8	2.125	54.0	2.188	55.6

\* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included.  
See Maximum Entry Size for details.

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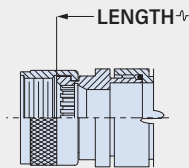
### MAXIMUM ENTRY SIZE

If the selected entry size exceeds the maximum size in this table, the backshell will have a front adapter. This is called a **Style 2** backshell.

Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
11(A)	03	23(F)	08
13(B)	04	25(G)	09
15(C)	05	29(H)	11
17(D)	06	33(J)	13
19(E)	07		

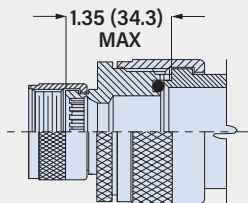
Size Code	Shell Size	A Thread Class 2B	ØB Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm	K Max. in mm	Max Entry Size
11	A (11)	.750-20 UNEF	.94 23.9	1.28 32.5	1.33 33.8	1.14 29.0	1.19 30.2	03
13	B (13)	.875-20 UNEF	1.07 27.7	1.35 34.3	1.40 35.6	1.17 29.7	1.22 31.0	04
15	C (15)	1.000-20 UNEF	1.21 30.7	1.43 36.3	1.47 37.3	1.20 30.5	1.25 31.8	05
17	D (17)	1.125-18 UNEF	1.41 35.7	1.48 37.6	1.52 38.6	1.22 31.0	1.27 32.3	06
19	E (19)	1.250-18 UNEF	1.53 38.9	1.54 39.1	1.59 40.4	1.25 31.8	1.29 32.8	07
23	F (23)	1.438-18 UNEF	1.73 43.9	1.64 41.7	1.68 42.7	1.29 32.8	1.33 33.8	08
25	G (25)	1.562-18 UNEF	1.82 46.3	1.71 43.4	1.75 44.5	1.32 33.5	1.36 34.5	09
29	H (29)	1.875-16 UN	2.14 54.4	1.82 46.2	1.87 47.5	1.37 34.8	1.41 35.8	11
33	J (33)	2.062-16 UNS	2.33 59.1	1.92 48.8	1.97 50.0	1.41 35.8	1.45 36.8	13

### Style 2 Straight Backshell



For Style 2 straight backshells, the minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).

### Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by 1.35 inches.

### BAND

Optional SST band strap provides fast, cost-effective and highly reliable termination of braided metallic shielding.

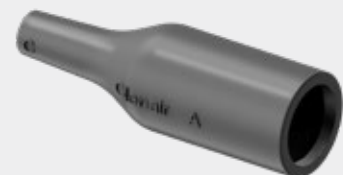


### SHRINK BOOT

Optional heatshrink boot provides cable strain relief and environmental protection.

**Code T, T1:** Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Available with W1 hot melt adhesive pre-coat. Operating temperature range -75 to +150 °C (no adhesive), -55 to +125 °C (with W1 adhesive).

**Code H, H1:** Type 2 halogen-free polyolefin meets low smoke and toxicity requirements of shipboard, transit and aircraft systems. Available with W1 hot melt adhesive pre-coat. Operating temperature range -40 to +130 °C (no adhesive), -40 to +125 °C (with W1 adhesive).



### POLYSULFIDE

Optional polysulfide dielectric coating prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only

