

Series 44 Banding Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

440A*072 Banding Backshell, Dual Band



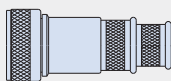
Self-Locking

Adapter Code A

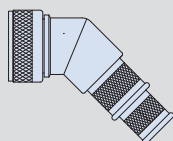
AS50151 crimp, AS95234, MIL-DTL-26482
Ser. II, MIL-DTL-83723 Ser. III

PROFILE SELECTION GUIDE

S Straight



H 45°



J 90°

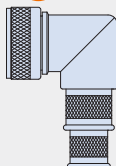


TABLE 1: ENTRY SIZE

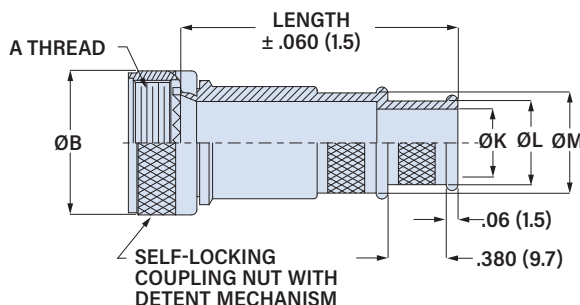
Entry Size	Shell Sizes*	±.015(0.4) in mm	±.015(0.4) in mm	±.015(0.4) in mm	±.015(0.4) in mm	±.015(0.4) in mm	±.015(0.4) in mm
02	08-40	.125	3.2	.250	6.4	.312	7.9
03	08-40	.188	4.8	.312	7.9	.375	9.5
04	08-40	.250	6.4	.375	9.5	.438	11.1
05	10-40	.312	7.9	.438	11.1	.500	12.7
06	12-40	.375	9.5	.500	12.7	.562	14.3
07	12-40	.438	11.1	.562	14.3	.625	15.9
08	12-40	.500	12.7	.625	15.9	.688	17.5
09	14-40	.562	14.3	.688	17.5	.750	19.1
10	16-40	.625	15.9	.750	19.1	.812	20.6
11	16-40	.688	17.5	.812	20.6	.875	22.2
12	18-40	.750	19.1	.875	22.2	.938	23.8
13	20-40	.812	20.6	.938	23.8	1.000	25.4
14	20-40	.875	22.2	1.000	25.4	1.062	27.0
15	22-40	.938	23.8	1.062	27.0	1.125	28.6
16	22-40	1.000	25.4	1.125	28.6	1.188	30.2
17	24-40	1.062	27.0	1.188	30.2	1.250	31.8
18	24-40	1.125	28.6	1.250	31.8	1.312	33.3
20	28-40	1.250	31.8	1.375	34.9	1.438	36.5
22	28-40	1.375	34.9	1.500	38.1	1.562	39.7
24	32-40	1.500	38.1	1.625	41.3	1.688	42.9

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

Self-Locking. Two banding platforms. 440A*072 banding backshell fits AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band straps. Second banding platform is typically used for attaching fabric overbraid. Optional shrink boot adds strain relief and environmental protection. Aluminum version has thermoplastic detent spring, stainless steel version has stainless steel detent spring.

PART NUMBER

PART NUMBER		440AS072	Z1	18	06	-4	K	P	
Base P/N	Base Part No.	Profile							
	440AS072	S	Straight						
	440AH072	H	45°						
	440AJ072	J	90°						
Material/Finish	M	Alum/ Electroless Nickel							
	MT	Alum/ Nickel-PTFE							
	NF	Alum/ Olive Drab Cadmium							
	ZR	Alum/ Black Zinc-Nickel							
	TZ	Alum/ Tin-Zinc							
	Z1	SST/ Passivated							
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40								
Entry Size	See Table 1								
Length	3	1.5 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.						
	4	2.0 inches							
	5	2.5 inches							
	6	3.0 inches							
Band	Omit if not required								
	K	Pre-Coiled Bands Included With Backshell (qty. 2)							
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.								
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier							

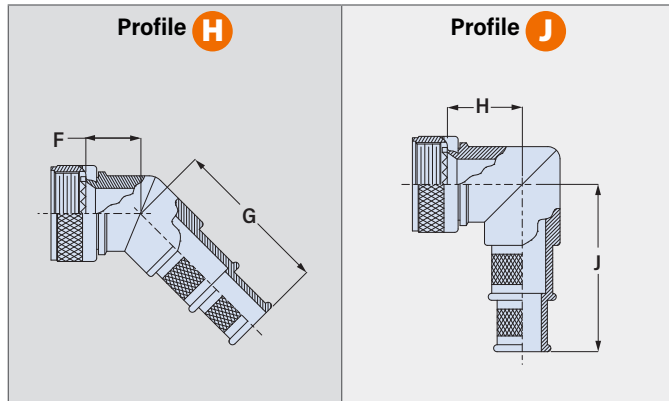


Shell Size	A Thread Class 2B	ØB Max in	ØB Max mm	Shell Size	A Thread Class 2B	ØB Max in	ØB Max mm
08	0.500-20 UNF	.69	17.5	22	1.3125-18 UNEF	1.70	43.2
10	0.625-24 UNEF	.82	20.8	24	1.4375-18 UNEF	1.84	46.7
12	0.750-20 UNEF	.94	23.8	28	1.750-18 UNS	2.01	51.1
14	0.875-20 UNEF	1.06	26.9	32	2.000-18 UNS	2.26	57.4
16	1.000-20 UNEF	1.17	29.7	36	2.250-16 UN	2.53	64.3
18	1.0625-18 UNEF	1.46	37.1	40	2.500-16 UN	3.04	77.2
20	1.1875-18 UNEF	1.60	40.6				

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440A*072 Banding Backshell, Dual Band



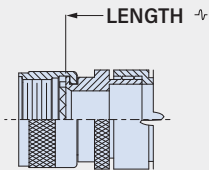
Shell Size	F Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm
08	.795 20.2	1.328 33.7	.906 23.0	1.438 36.5
10	.820 20.8	1.358 34.5	.966 24.5	1.498 38.0
12	.844 21.4	1.378 35.0	1.026 26.1	1.558 39.6
14	.861 21.9	1.408 35.8	1.076 27.3	1.628 41.4
16	.888 22.6	1.428 36.3	1.136 28.9	1.688 42.9
18	.904 23.0	1.438 36.5	1.176 29.9	1.708 43.4
20	.929 23.6	1.458 37.0	1.236 31.4	1.768 44.9
22	.956 24.3	1.498 38.0	1.296 32.9	1.848 46.9
24	.979 24.9	1.528 38.8	1.356 34.4	1.918 48.7
28	1.055 26.8	1.767 44.9	1.472 37.4	2.014 51.2
32	1.107 28.1	1.890 48.0	1.595 40.5	2.137 54.3
36	1.161 29.5	1.997 50.7	1.703 43.3	2.245 57.0
40	1.216 30.9	2.105 53.5	1.810 46.0	2.352 59.7

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.

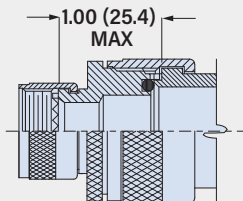
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	22	16
10	05	24	18
12	08	28	22
14	09	32	24
16	11	36	24
18	12	40	24
20	14		

Style 2 Straight Backshell



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

Style 2 45° and 90° Backshells



For Style 2 45° and 90° backshells, the length increases by one inch.

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 is the overwhelming favorite throughout the military aerospace and defense industries, providing excellent static loading and corrosion resistance in electrical wire interconnect systems.



Band
601-041



Banding Tool
601-100

POLYSULFIDE

Optional selective nickel plating on banding surfaces prevents galvanic mismatch between nickel-coated braid shield and backshell plating. Polysulfide stripes provide dielectric barriers.

⚠ Plating codes NF, ZR and TZ only

