

Series 44 Banding Backshells

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

440A*072 Banding Backshell, Dual Band

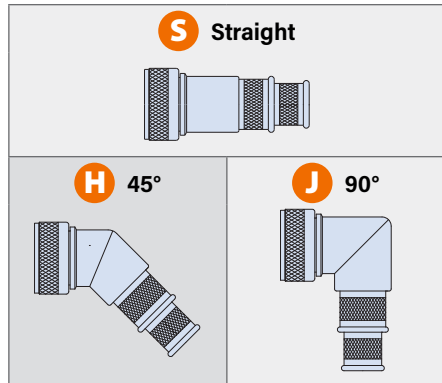


Self-Locking

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.

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

PROFILE SELECTION GUIDE



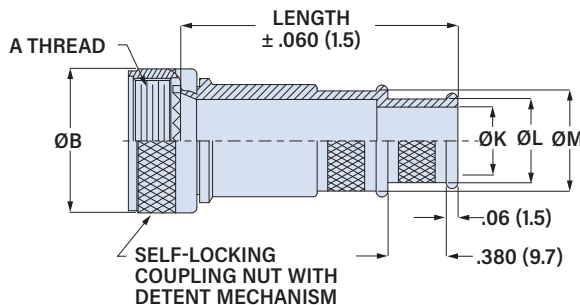
PART NUMBER

Base P/N	440AS072	ZI	18	06	-4	K	P
Base Part No.	440AS072	Profile					
	440AH072	S Straight					
	440AJ072	H 45°					
		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 ZI SST/ Passivated						
Shell Size	08 10 12 14 16 18 20 22 24 28 32 36 40						
Entry Size	See Table 1		ENTRY SIZE				
Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches	Applies to Profile S only. If Entry Size is greater than "Maximum Entry Size" (see table), then 2 inch minimum applies.					
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						

TABLE 1: ENTRY SIZE

Entry Size	Shell Sizes*	øK (0.4)		øL (0.4)		øM	
		in	mm	in	mm	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.

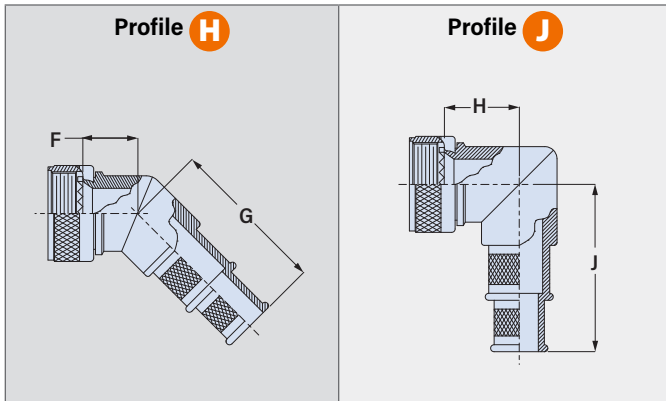


Shell Size	A Thread Class 2B	øB Max in	øB Max mm	Shell Size	A Thread Class 2B	øB Max in	øB Max mm
08	0.500-20 UNF	.69	17.5	22	1.3125-18 UNEF	1.70	43.2
10	0.625-24 UNEF	.82	20.8	24	1.4375-18 UNEF	1.84	46.7
12	0.750-20 UNEF	.94	23.8	28	1.750-18 UNS	2.01	51.1
14	0.875-20 UNEF	1.06	26.9	32	2.000-18 UNS	2.26	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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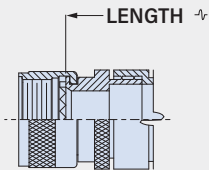
Shell Size	F Max.		G Max.		H Max.		J Max.	
	in	mm	in	mm	in	mm	in	mm
08	.795	20.2	1.328	33.7	.906	23.0	1.438	36.5
10	.820	20.8	1.358	34.5	.966	24.5	1.498	38.0
12	.844	21.4	1.378	35.0	1.026	26.1	1.558	39.6
14	.861	21.9	1.408	35.8	1.076	27.3	1.628	41.4
16	.888	22.6	1.428	36.3	1.136	28.9	1.688	42.9
18	.904	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.

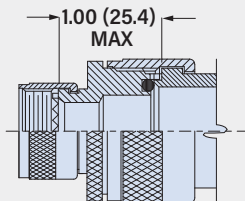
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	22	16
10	05	24	18
12	08	28	22
14	09	32	24
16	11	36	24
18	12	40	24
20	14		

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

