

Series 44 Banding Backshells

for Series 806 Mil-Aero Connectors

440V*191 Banding Backshell, Shrink Boot, Self-Locking



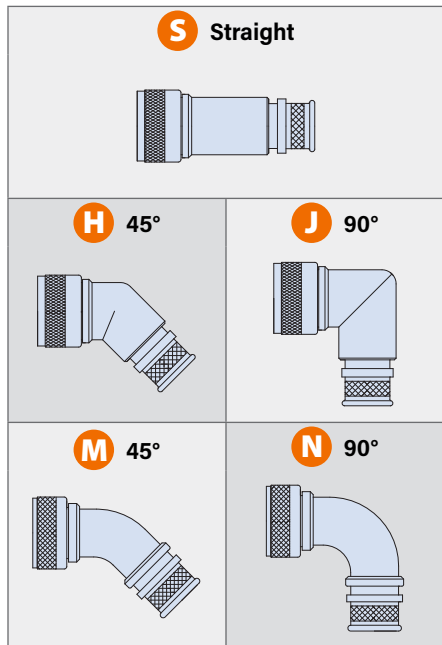
Self-Locking

Self-Locking. Band-Master ATS® shield termination. 440V*191 banding backshell fits Glenair's Series 806 connectors. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to backshell with optional band strap. Optional shrink boot adds strain relief and environmental protection. Aluminum or stainless steel, silicone O-ring, thermoplastic or stainless steel detent spring, stainless steel band. Shrink boot is Type 1 fluid-resistant elastomeric or Type 2 polyolefin.

Adapter Code V

This accessory fits Glenair Series 806 MilAero Connectors

PROFILE SELECTION GUIDE



PART NUMBER

	440VS191	MT	20	12-	4	K	P	T1
Base P/N	Base Part No.	Profile						
	440VS191	S	Straight					
	440VH191	H	45°					
	440VJ191	J	90°					
	440VM191	M	45°					
	440VN191	N	90°					
Material/Finish	ME	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 09 10 11 12 14 16 18 20 22 24							
Entry Size	See Table 1							
Length	3	1.5 inches	Applies to Profile S only.					
	4	2.0 inches	If Entry Size is greater than					
	5	2.5 inches	"Maximum Entry Size" (see next					
	6	3.0 inches	page), then 2 inch minimum applies.					
Band	Omit if not required							
	K	Pre-Coiled Band						
Polysulfide	Omit if not required. Applies to Plating Codes NF, ZR, TZ only.							
	P	Nickel Plated Shield Termination Area with Polysulfide Barrier						
Shrink Boot	Omit if not required							
	T	Shrink Boot						
	T1	Shrink Boot with W1 Hot Melt Pre-Coat Adhesive						
	H	Zero Halogen Shrink Boot						
	H1	Zero Halogen Shrink Boot with W1 Hot Melt Pre-Coat Adhesive						

TABLE 1: ENTRY SIZE

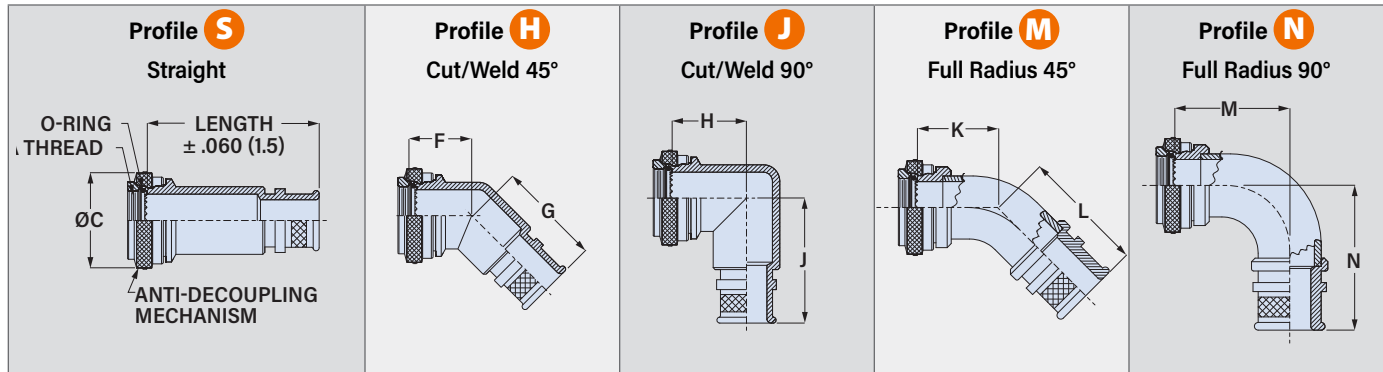
Entry Size	Shell Sizes*	± .015(0.4)		± .015(0.4)		± .015(0.4)		Entry Size	Shell Sizes*	± .015(0.4)		± .015(0.4)		± .015(0.4)	
		in	mm	in	mm	in	mm			in	mm	in	mm	in	mm
02	08-24	.125	3.2	.250	6.4	.312	7.9	13	18-24	.812	20.6	.938	23.8	1.000	25.4
03	08-24	.188	4.8	.312	7.9	.374	9.5	14	20-24	.875	22.2	1.000	25.4	1.062	27.0
04	08-24	.250	6.4	.375	9.5	.438	11.1	15	20-24	.938	23.8	1.062	27.0	1.124	28.6
05	09-24	.312	7.9	.438	11.1	.500	12.7	16	22-24	1.000	25.4	1.125	28.6	1.187	30.1
06	10-24	.375	9.5	.500	12.7	.562	14.3	17	22-24	1.062	27.0	1.188	30.2	1.250	31.8
07	11-24	.438	11.1	.562	14.3	.624	15.8	18	24	1.125	28.6	1.250	31.8	1.312	33.3
08	12-24	.500	12.7	.625	15.9	.687	17.4	20	-	1.250	31.8	1.375	34.9	1.437	36.5
09	14-24	.562	14.3	.688	17.5	.750	19.1	22	-	1.375	34.9	1.500	38.1	1.562	39.7
10	16-26	.625	15.9	.750	19.1	.812	20.6	24	-	1.500	38.1	1.625	41.3	1.687	42.8
11	16-24	.688	17.5	.812	20.6	.874	22.2	26	-	1.625	41.3	1.750	44.5	1.812	46.0
12	18-24	.750	19.1	.875	22.2	.937	23.8	28	-	1.750	44.5	1.875	47.6	1.937	49.2

* If selected entry size exceeds the shell size range shown in table, a Style 2 adapter will be included. Refer to Maximum Entry Size on next page for details.

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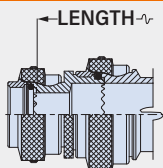
Shell Size	A Thread ISO Metric	øC Max. in mm	F Max. in mm	G Max. in mm	H Max. in mm	J Max. in mm	K Max. in mm	L Max. in mm	M Max. in mm	N Max. in mm
08	M10 x 1.0-6H	.692 17.58	.64 16.3	.92 23.4	.76 19.3	1.13 28.7	.79 20.1	1.19 30.2	.94 23.9	1.35 34.3
09	M12 x 1.0-6H	.786 19.96	.65 16.5	.96 24.3	.79 20.1	1.18 30.0	.79 20.1	1.19 30.2	.94 23.9	1.35 34.3
10	M14 x 1.0-6H	.883 22.43	.68 17.3	.99 25.2	.84 21.3	1.23 31.2	.79 20.1	1.26 32.0	.97 24.6	1.45 36.8
11	M15 x 1.0-6H	.911 23.14	.69 17.5	1.02 25.9	.85 21.6	1.24 31.5	.79 20.1	1.26 32.0	.97 24.6	1.45 36.8
12	M17 x 1.0-6H	1.002 25.45	.72 18.3	1.05 26.7	.90 22.9	1.29 32.8	.83 21.1	1.34 34.0	1.04 26.4	1.55 39.4
14	M19 x 1.0-6H	1.066 27.08	.73 18.5	1.08 27.4	.93 23.6	1.32 33.5	.83 21.1	1.34 34.0	1.04 26.4	1.55 39.4
16	M22 x 1.0-6H	1.196 30.38	.77 19.6	1.15 29.2	1.00 25.4	1.40 35.6	.84 21.3	1.41 35.8	1.08 27.4	1.65 41.9
18	M25 x 1.0-6H	1.311 33.30	.80 20.3	1.21 30.7	1.05 26.7	1.49 37.9	.89 22.6	1.49 37.9	1.14 29.0	1.74 44.2
20	M28 x 1.0-6H	1.430 36.32	.84 21.3	1.27 32.3	1.11 28.2	1.58 40.1	.92 23.4	1.56 39.6	1.21 30.7	1.84 46.7
22	M31 x 1.0-6H	1.548 39.32	.87 22.1	1.32 33.5	1.17 29.7	1.66 42.2	.95 24.1	1.62 41.5	1.28 32.5	1.94 49.3
24	M34 x 1.0-6H	1.696 43.08	.92 23.4	1.39 35.3	1.25 31.8	1.77 45.0	.97 24.6	1.68 42.7	1.33 33.8	2.04 51.8

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.

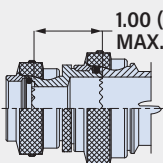
Shell Size	Max. Entry Size	Shell Size	Max. Entry Size
08	04	16	11
09	05	18	13
10	06	20	15
11	07	22	17
12	08	24	18
14	09		

Style 2 Straight Backshell



Style 2 profile **S** straight backshell minimum length code is 4 (2 inches).

Style 2 45° and 90° Backshells



For 45° and 90° backshells, the front adapter adds 1 inch.

SHRINK BOOT

Optional heatshrink boot provides environmental protection and strain relief.

Standard Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Operating temp. range -75 to +150 °C.

Zero Halogen Type 2 high-performance semi-flexible polyolefin meets low smoke and toxicity requirements. Operating temp. range -40 to +130 °C.



Entry Sizes	Shrink Boot Part Number	
	Standard*	Zero Halogen*
02-03	770-003S111	770-003S211
04-05	770-003S112	770-003S212
06	770-001S103	770-001S203
07-11	770-001S104	770-001S204
12-15	770-001S105	770-001S205
06-17	770-001S106	770-001S206
18-24	770-001S107	770-001S207
26-28	770-001S108	770-001S208

BAND

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



Band

Entry Sizes	Pre-Coiled Band P/N	Length	Max Diameter
02 -12	601-006	9.00 (229)	1.00 (25.4)
13 - 24	601-041	14.25 (362)	1.80 (45.7)
26 - 28	601-050	18.00 (457)	2.50 (63.5)

POLYSULFIDE

Optional selective electroless nickel plating on shield termination area and polysulfide dielectric barrier prevents galvanic mismatch between nickel-coated braid shield and backshell.

⚠ Plating codes NF, ZR and TZ only

