Series 44 Banding Backshells

for AS50151 Solder Connectors

440B*031 Banding Backshell, Shrink Boot, Direct Coupling

Glenair®

Banding. Direct coupling. 440B*031 banding backshell fits AS50151 (MS3100) solder connectors. Includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, environmental (requires optional shrink boot). Available in aluminum or stainless steel. Silicone O-rings.

PART NUMBER

440BS031 NF 16 03- 3 K T A

Base P/N	Base Part No.	Profile
	440BS031 **S**	Straight
	440BH031 **H**	45°
	440BJ031 **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

Code	Shell Size	Code	Shell Size
05	10S	20	22
08	10SL	21	24
11	12, 12S	22	28
14	14, 14S	23	32
15	16, 16S	26	36
16	18	31	40
17	20		

Entry Size — *See Table 1*

Length
- 3 — 1.5 inches
- 4 — 2.0 inches
- 6 — 3.0 inches
- 8 — 4.0 inches

Applies to Profile **S** *only.*
1.5 inch minimum. If Entry Size is greater than "Max. Entry Size" in table, then 2 inch minimum applies.

Band — *Omit if not required*
- K — Pre-Coiled Band Included With Backshell

Shrink Boot — *Omit if not required*
- T — Shrink Boot Included With Backshell

Connector Manufacturer Code
- A — Universal — *Compatible with all manufacturers. Includes additional thread adapter(s) as necessary to fit multiple manufacturers. See following page for thread adapter details.*
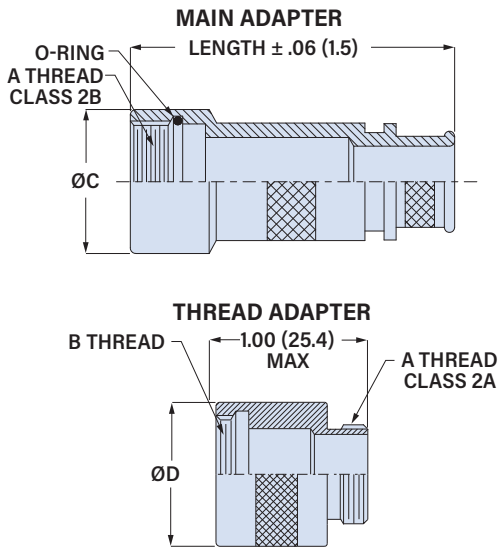
Adapter Code **B**

Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

PROFILE SELECTION GUIDE

S Straight

H 45°

J 90°

TABLE 1: ENTRY SIZE

.140/.130 (3.6/3.3)
.075 (1.9)
ØK ØL ØM
.06 (1.5)

Entry Size	øK in ±.015 (0.4)	øK mm	øL in ±.015 (0.4)	øL mm	øM in ±.015 (0.4)	øM mm	Entry Size	øK in ±.015 (0.4)	øK mm	øL in ±.015 (0.4)	øL mm	øM in ±.015 (0.4)	øM mm
01	.125	3.2	.250	6.4	.312	7.9	07	.875	22.2	1.000	25.4	1.062	27.0
31	.188	4.8	.312	7.9	.375	9.5	37	.938	23.8	1.062	27.0	1.125	28.6
02	.250	6.4	.375	9.5	.438	11.1	08	1.000	25.4	1.125	28.6	1.188	30.2
32	.312	7.9	.438	11.1	.500	12.7	38	1.062	27.0	1.188	30.2	1.250	31.8
03	.375	9.5	.500	12.7	.562	14.3	09	1.125	28.6	1.250	31.8	1.312	33.3
33	.438	11.1	.562	14.3	.625	15.9	10	1.250	31.8	1.375	34.9	1.438	36.5
04	.500	12.7	.625	15.9	.687	17.4	11	1.375	34.9	1.500	38.1	1.562	39.7
34	.562	14.3	.688	17.5	.750	19.1	12	1.500	38.1	1.625	41.3	1.688	42.9
05	.625	15.9	.750	19.1	.812	20.6	13	1.625	41.3	1.750	44.5	1.812	46.0
35	.688	17.5	.812	20.6	.875	22.2	14	1.750	44.5	1.875	47.6	1.938	49.2
06	.750	19.1	.875	22.2	.938	23.8	15	1.875	47.6	2.000	50.8	2.062	52.4
36	.812	20.6	.938	23.8	1.000	25.4	16	2.000	50.8	2.125	54.0	2.188	55.6

Series 44 Banding Backshells

for AS50151 Solder Connectors

440B*031 Banding Backshell, Shrink Boot, Direct Coupling

MAIN ADAPTER

O-RING
A THREAD
CLASS 2B
LENGTH ± .06 (1.5)

ØC

THREAD ADAPTER

B THREAD
1.00 (25.4)
MAX
A THREAD
CLASS 2A

ØD

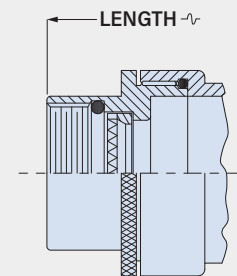| Shell Size Code	Shell Size	A Main Backshell Class 2B	B Thread Adapter Class 2B	øC Max in	øC Max mm	øD Max in	øD Max mm	Max. Entry Size (1)
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	03
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	33
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	33
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	05
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	35
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	07
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	37
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	09
21	24	1.3750-18 UNEF	N/A	1.600	37.3	N/A	N/A	10
22	28	1.6250-18 UNEF	N/A	1.850	40.5	N/A	N/A	11
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	13
26	36	2.1250-16 UN	2.0625-16 UNS 2.0625-20 UNEF 2.1250-18 UNS	2.375	60.3	2.312	58.7	14
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	16

1) *"Max. Entry Size" applies only to straight profile backshells. If the selected entry size is larger than the size shown in the table above, a Style 2 adapter will be included. The minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).*

H 45°

J — E

F

J 90°

J — G

H

STYLE 2 BACKSHELL

LENGTH

Applies to Profile S only. If the selected entry size is larger than the size shown in the table above, a *Style 2* adapter will be included. *The minimum length code increases from 3 (1 ½ inches) to 4 (2 inches).*
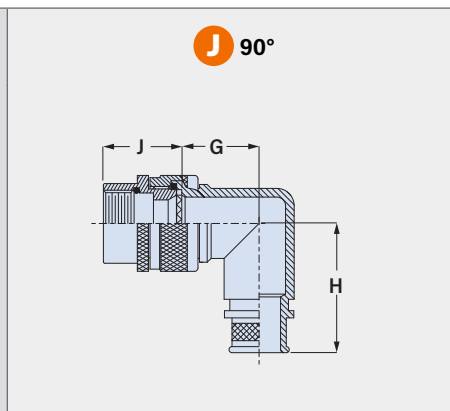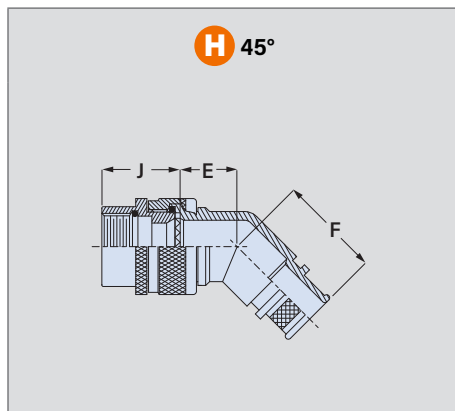
Entry Size	E Max in	E Max mm	F Max in	F Max mm	G Max in	G Max mm	H Max in	H Max mm
01	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
02, 31	.625	15.9	.940	23.9	.732	18.6	1.078	27.4
03, 32	.688	17.5	1.000	25.4	.757	19.2	1.108	28.1
04, 33	.711	18.1	1.050	26.7	.781	19.8	1.128	28.7
05, 34	.781	19.8	1.150	29.2	.825	21.0	1.178	29.9
06, 35	.841	21.4	1.188	30.2	.896	22.8	1.190	30.2
07, 36	.866	22.0	1.208	30.7	1.093	27.8	1.250	31.8
08, 37	.893	22.7	1.248	31.7	1.250	31.8	1.320	33.5
09, 38	.916	23.3	1.278	32.5	1.312	33.3	1.380	35.1
10	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
11	1.134	28.8	1.448	36.8	1.375	34.9	1.500	38.1
12	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
13	1.185	30.1	1.488	37.8	1.687	42.8	1.620	41.1
14	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
15	1.225	31.1	1.538	39.1	1.812	46.0	1.750	44.5
16	1.225	31.1	1.788	45.4	1.812	46.0	2.000	50.8

Shell Size Code	Shell Size	J Max in	J Max mm
05	10S	1.25	31.8
08	10SL	1.25	31.8
11	12, 12S	1.25	31.8
14	14, 14S	1.25	31.8
15	16, 16S	1.56	39.6
16	18	1.56	39.6
17	20	1.56	39.6
20	22	1.56	39.6
21	24	1.56	39.6
22	28	1.56	39.6
23	32	1.75	44.5
26	36	1.75	44.5
31	40	2.19	55.6

BAND

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

Band 601-041

STANDARD

Banding Tool 601-100