

Series 36 Strain Relief Backshells

for AS50151 Solder Connectors

360BS002 Backshell, Strain Relief, Direct Coupling



Adapter Code **B**

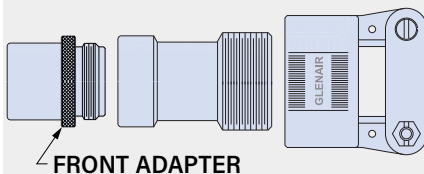
Fits AS50151 Series 1 AN Type solder Connectors . AS310*1, MS3100.

MAXIMUM ENTRY SIZE

If the selected entry size exceeds the "Max Entry Size" in the table, the backshell will include a front adapter. This is called a *Style 2* backshell.

Shell Size	Max Entry Size
10S	04
10SL	06
12, 12S	06
14, 14S	10
16, 16S	10
18	12
20	16
22	16
24	20
28	24
32	28
36	28
40	32

STYLE 2 BACKSHELL



The minimum length code increases from **3** (1 ½ inches) to **4** (2 inches).

Heavy duty saddle clamp. 360BS002 backshell fits AS50151 (MS3100) solder connectors. includes universal thread adapters as required to assure compatibility with all connector manufacturers. Direct coupling, nonenvironmental. Heavy duty die cast saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Available in aluminum or stainless steel.

PART NUMBER

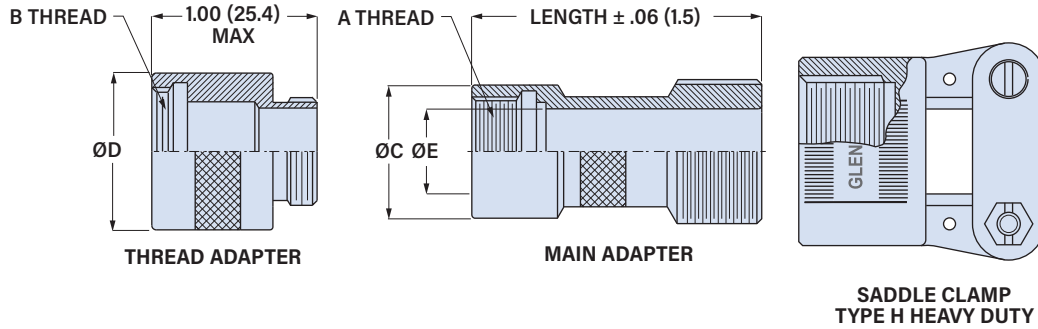
360BS002 NF 15 06 H 4 A

Base P/N	360BS002					
Material/Finish	C	Alum/ Black Anodize				
	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	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	Entry Size	Max Cable Dia.	Shell Size*	Entry Size	Max Cable Dia.	Shell Size*
	04	.312 (7.9)	10S-40	16	.937 (23.8)	20-40
	06	.437 (11.1)	10SL-40	20	1.250 (31.8)	24-40
	08	.562 (14.3)	14-40	24	1.375 (34.9)	28-40
	10	.625 (15.9)	14-40	28	1.625 (41.3)	32-40
	12	.750 (19.1)	18-40	32	1.875 (47.6)	40
* If selected entry size exceeds shell size range, a Style 2 transition adapter will be included. See Maximum Entry Size for details.						
Strain Relief	H	Saddle Clamp				
Length	3	1.5 inches		1.5 inch minimum. If Entry Size is greater than "Max Entry Size" in table, then 2 inch minimum applies.		
	4	2.0 inches				
	6	3.0 inches				
	8	4.0 inches				
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.		

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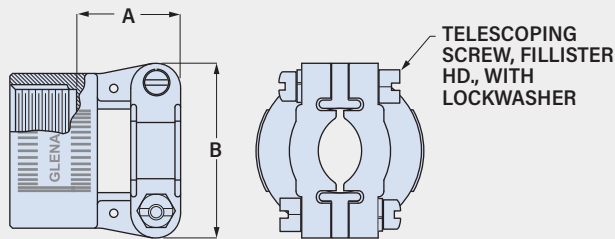
for AS50151 Solder Connectors

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Shell Size Code	Shell Size	A		B		øC Max		øD Max		øE	
		Main Adapter Class 2B	Thread Adapter Class 2B	in	mm	in	mm	in	mm	in	mm
05	10S	0.5000-28 UNEF	0.5625-24 UNEF	.724	18.4	.687	17.4	.40	10.2		
08	10SL	0.5625-24 UNEF	0.6250-24 UNEF	.724	18.4	.687	17.4	.44	11.2		
11	12, 12S	0.6250-24 UNEF	0.6875-24 UNEF	.848	21.5	.812	20.6	.49	12.4		
14	14, 14S	0.7500-20 UNEF	N/A	.974	24.7	N/A	N/A	.62	15.7		
15	16, 16S	0.8750-20 UNEF	N/A	1.102	28.0	N/A	N/A	.74	18.8		
16	18	1.0000-20 UNEF	N/A	1.220	31.0	N/A	N/A	.87	22.2		
17	20	1.1250-18 UNEF	1.1250-24 UNS	1.343	34.1	1.312	33.3	.99	25.1		
20	22	1.2500-18 UNEF	N/A	1.343	34.1	N/A	N/A	1.12	28.4		
21	24	1.3750-18 UNEF	N/A	1.468	37.3	N/A	N/A	1.28	32.5		
22	28	1.6250-18 UNEF	N/A	1.593	40.5	N/A	N/A	1.49	37.8		
23	32	1.8750-16 UN	1.90625-18 UNS	2.125	54.0	2.062	52.4	1.74	44.2		
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	1.86	47.2		
31	40	2.3750-16 UN	2.3125-16 UNS	2.625	66.7	2.562	65.1	2.18	55.4		

STRAIN RELIEF DIMENSIONS



Entry Size	A Max		B Max		Cable Range			
	in	mm	in	mm	Min	Max	Min	Max
04	.780	19.8	.957	24.3	.125	3.2	.312	7.9
06	.780	19.8	1.145	29.1	.250	6.4	.437	11.1
08	.780	19.8	1.332	33.8	.312	7.9	.562	14.3
10	.780	19.8	1.332	33.8	.350	8.9	.625	15.9
12	.811	20.6	1.551	39.4	.500	12.7	.750	19.1
16	.905	23.0	1.770	45.0	.625	15.9	.937	23.8
20	1.092	27.7	2.113	53.7	.875	22.2	1.250	31.8
24	1.124	28.5	2.363	60.0	1.000	25.4	1.375	34.9
28	1.399	35.5	2.770	70.4	1.250	31.8	1.625	41.3
32	1.399	35.5	3.020	76.7	1.437	36.5	1.875	47.6