



## 507-146 Round Cable Entry Strain Relief Backshell with Saddle Bar Clamps



**507-146 Strain Relief Backshells** feature saddle bar clamps for easy installation.

**E-Rings** attach the backshell to the Micro-D connector.

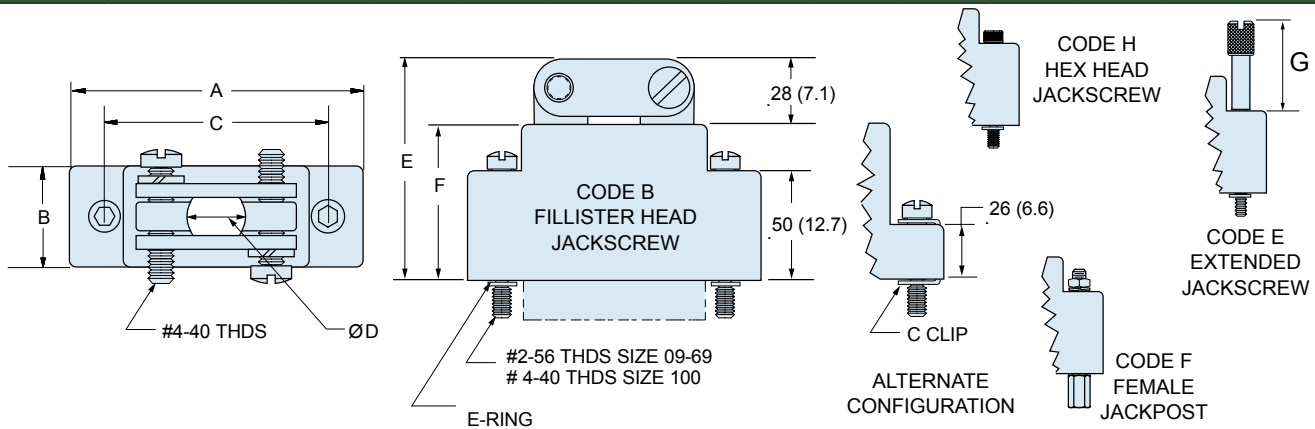
### Materials

- Shell: Aluminum Alloy 6061 -T6
- Clips: 17-7PH Stainless Steel
- Hardware: 300 Series Stainless Steel

### How To Order Round Cable Strain Relief Backshells

<b>Sample Part Number</b>	<b>507-146</b>	<b>M</b>	<b>25</b>	<b>H</b>	<b>C</b>
<b>Series</b>	<b>507-146</b>				
<b>Shell Finish</b>	<b>E</b> – Chem Film (Alodyne) <b>M</b> – Electroless Nickel	<b>J</b> – Cadmium, Yellow Chromate <b>NF</b> – Cadmium, Olive Drab	<b>Z2</b> – Gold		
<b>Connector Size</b>	<b>09, 15, 21, 25, 31, 37 51, 51-2, 67, 69, 100</b> (See Table I)				
<b>Hardware Option</b>	<b>OMIT</b> – Fillister Head Jackscrew <b>E</b> – Extended Jackscrew		<b>H</b> – Hex Head Jackscrew <b>F</b> – Jackpost, Female		
<b>Jackscrew Attachment Option</b>	<b>OMIT (Leave Blank)</b> – Jackscrews Attach With E-Ring. This Option Applies to Sizes 09 through 69. Size 100 is Not Available with E-Ring.		<b>C</b> – "C" Clip		

Table I: Dimensions



Size	A Max.		B Max.		C		Ø D		E Max.		F Max.		G Max.	
	In.	mm.	In.	mm.	In.	mm.	In. ± .010	mm. ± 0.25	In.	mm.	In.	mm.	In.	mm.
<b>09</b>	.915	23.24	.450	11.43	.565	14.35	.160	4.06	.780	19.81	.550	13.97	.540	13.72
<b>15</b>	1.065	27.05	.450	11.43	.715	18.16	.190	4.83	.830	21.08	.600	15.24	.590	14.99
<b>21</b>	1.215	30.86	.450	11.43	.865	21.97	.220	5.59	.940	23.88	.650	16.51	.700	17.78
<b>25</b>	1.315	33.40	.450	11.43	.965	24.51	.260	6.60	.990	25.15	.700	17.78	.740	18.80
<b>31</b>	1.465	37.21	.450	11.43	1.115	28.32	.275	6.99	1.030	26.16	.740	18.80	.790	20.07
<b>37</b>	1.615	41.02	.450	11.43	1.265	32.13	.285	7.24	1.070	27.18	.780	19.81	.830	21.08
<b>51</b>	1.565	39.75	.495	12.57	1.215	30.86	.350	8.89	1.150	29.21	.860	21.84	.910	23.11
<b>51-2</b>	1.965	49.81	.450	11.43	1.615	41.02	.285	7.24	1.150	29.21	.860	21.84	.910	23.11
<b>67</b>	2.365	60.07	.450	11.43	2.015	51.18	.285	7.24	1.150	29.21	.860	21.84	.910	23.11
<b>69</b>	2.265	57.53	.495	12.57	1.515	38.48	.350	8.89	1.150	29.21	.860	21.84	.910	23.11
<b>100</b>	2.305	58.55	.540	13.72	1.800	45.72	.530	13.46	1.210	30.73	.930	23.62	.970	24.63