

Series 80 "Mighty Mouse" Backshells, Boots and Clamps

Glenair

Backshells

Environmental Backshells



Environmental backshells feature silicone o-rings for a watertight seal.

Straight Entry backshells are available with direct coupling or rotatable coupling.

45° and 90° adapters feature rotatable coupling nuts.

MATERIALS

Adapter, Clamp, Nut and Saddles	Aluminum Alloy 6061-T6 or 300 Series Stainless Steel
O-Rings	Silicone Rubber
Hardware	300 Series Stainless Steel

HOW TO ORDER

Sample Part Number

370MS037

C

10

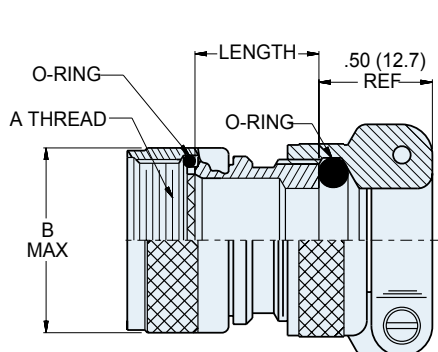
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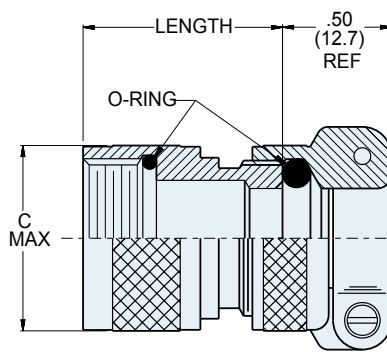
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Part Number	Shell Material / Finish	Size Code		Cable Entry Code			Length		Clamp Style
 370MS038 Straight Entry, Rotatable Coupling	C Aluminum / Black Anodize	Size Code	Thread Size	Cable Entry Code	Cable Sealing Diameter		Straight Entry 370MS Only		 Omit for screw clamp with saddle bars
	M Aluminum / Electroless Nickel	05	.2500-32	01-	Max.	Min.	Length Code	Length (Inches)	
 370MS037 Straight Entry, Direct Coupling	NF Aluminum / Cadmium with Olive Drab Chromate	11	.3750-32	03-	.234	.140	7	.875	 N Compression Nut, Low Profile
	07 Aluminum / Cadmium with Olive Drab Chromate	08	.4375-28	04-	.297	.203	8	1.000	
 370MB038 45° Entry	ZN Aluminum / Zinc-Nickel with Olive Drab Chromate	09	.5000-28	05-	.359	.265	9	1.125	
	10 Aluminum / Zinc-Nickel with Olive Drab Chromate	12	.6875-24	06-	.422	.328	10	1.250	
 370MA038 90° Entry	ZNU Aluminum / Zinc-Nickel with Black Chromate	13	.7500-20	07-	.484	.390	11	1.375	
	Z1 Stainless Steel / Passivated	14	.9375-20	08-	.547	.453	12	1.500	
				09-	.609	.515	13	1.625	
							14	1.750	
							15	1.875	
							16	2.000	
							17	2.125	
							18	2.250	
							19	2.375	
							20	2.500	
Specify length in increments of .125 inches (3.18 mm.)									

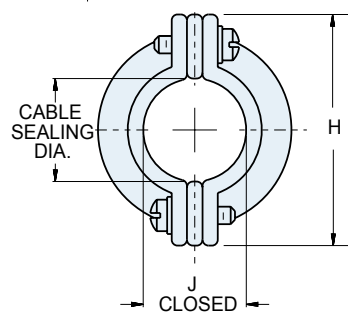
Environmental Backshells



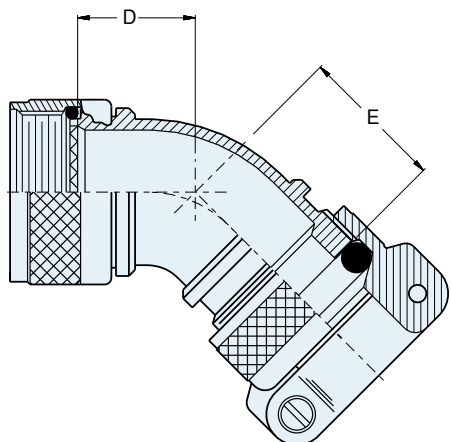
STRAIGHT ENTRY
ROTATABLE COUPLING
370MS038



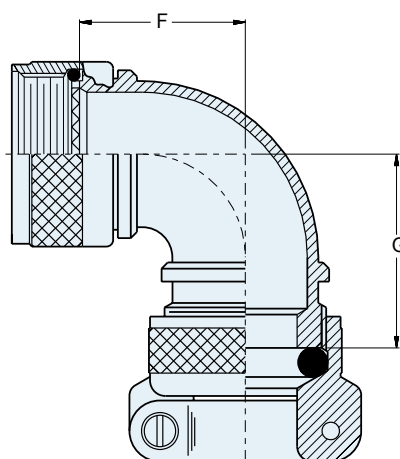
STRAIGHT ENTRY
DIRECT COUPLING
370MS037



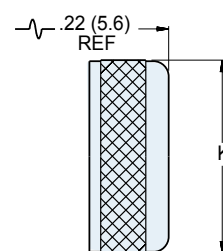
SADDLE CLAMP



45° ENTRY
ROTATABLE COUPLING
370MB038



90° ENTRY
ROTATABLE COUPLING
370MA038



CLAMP STYLE N
COMPRESSION NUT

DIMENSIONS

Size Code	A Thds.	B Max.		C Max.		Std. Length*	
		In.	mm.	In.	mm.	In.	mm.
05	.2500-32	.470	11.94	.350	8.89	.750	19.05
06	.3125-32	.530	13.46	.415	10.54	.750	19.05
11	.3750-32	.570	14.48	.465	11.68	.750	19.05
07	.4375-28	.637	16.18	.530	13.46	.750	19.05
08	.5000-28	.700	17.78	.595	15.11	.750	19.05
09	.5625-24	.758	19.25	.650	16.51	.750	19.05
10	.6250-24	.819	20.80	.715	18.16	.750	19.05
12	.6875-24	.896	22.76	.785	19.94	.880	22.35
13	.7500-20	.930	23.62	.830	21.08	.880	22.35
14	.9375-20	1.137	28.88	1.020	25.91	1.000	25.40

*Choose standard length for best availability

DIMENSIONS

Cable Entry Code	Cable Sealing Dia.		D Max.		E Max.		F Max.		G Max.		H		Ø J Closed		Ø K	
	Max.	Min.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
01	.109	.031	.603	15.32	.581	14.76	.724	18.39	.702	17.83	.496	12.60	.110	2.79	.398	10.11
02	.172	.078	.603	15.32	.581	14.76	.724	18.39	.702	17.83	.582	14.78	.170	4.32	.460	11.68
03	.234	.140	.603	15.32	.581	14.76	.724	18.39	.702	17.83	.656	16.66	.230	5.84	.523	13.28
04	.297	.203	.629	15.98	.607	15.42	.786	19.96	.764	19.41	.726	18.44	.300	7.62	.585	14.86
05	.359	.265	.629	15.98	.607	15.42	.786	19.96	.764	19.41	.885	22.48	.360	9.14	.647	16.43
06	.422	.328	.655	16.64	.633	16.00	.848	21.54	.826	20.98	.952	24.18	.420	10.67	.710	18.03
07	.484	.390	.655	16.64	.633	16.00	.848	21.54	.826	20.98	1.018	25.86	.480	12.19	.773	19.63
08	.547	.453	.707	17.96	.685	17.40	.911	23.14	.889	22.58	1.084	27.53	.550	13.97	.835	21.21
09	.609	.515	.707	17.96	.685	17.40	.911	23.14	.889	22.58	1.148	29.16	.610	15.49	.897	22.78