

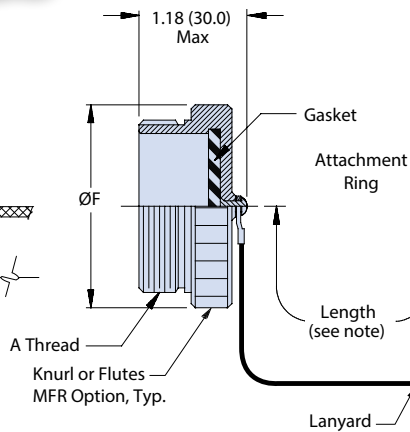
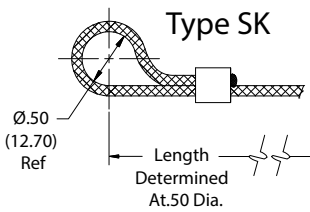
SuperNine® Backshells and accessories

660-049 and -050 Composite protective covers

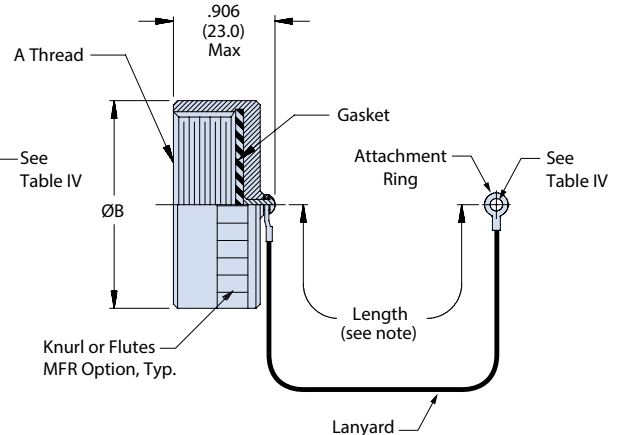
MIL-DTL-38999



Part Number Development									
Sample Part Number	660-049				XM	21	R	6	-04
Product Series-Basic No.	660-049 = Plug cover		660-050 = Receptacle cover						
Finish	XB = No plating, black XO = No Plating, non-conductive, brown XW = Cadmium O/D over electroless nickel (1000 hour salt spray)		XM = Electroless nickel XMT = Nickel-PTFE 1000 Hour Gray						
Connector Shell Size	See Dimensions Table								
Lanyard Type	See Lanyard Code Table								
Attachment Length	In inches; i.e. 1=1 inch								
Ring Style Dash No.	See Tables I, II, III								



-049 Plug Cover
MIL-DTL-38999/32 Type



-050 Receptacle Cover
MIL-DTL-38999/33 Type

H

Dimensions			
Shell Size	A Thread 0.1P-0.3L-TS	Plug Cover ØB Max	Receptacle Cover ØB Max
09	.6250	0.906 (23.0)	.906 (23.0)
11	.7500	1.024 (26.0)	1.102 (28.0)
13	.8750	1.220 (31.0)	1.220 (31.0)
15	1.0000	1.300 (33.0)	1.260 (32.0)
17	1.1875	1.457 (37.0)	1.457 (37.0)
19	1.2500	1.575 (40.0)	1.535 (39.0)
21	1.3750	1.732 (44.0)	1.654 (42.0)
23	1.5000	1.811 (46.0)	1.772 (45.0)
25	1.6250	1.969 (50.0)	1.929 (49.0)

Lanyard Code	
Code	Description
D	Bead Chain, CRES, Passivated
F	Wire Rope, Nylon Jacket
G	Nylon Rope, Black
H	Wire Rope, Fluoropolymer Jacket
K	Nylon Rope, Olive Drab
N	No Lanyard
R	Wire Rope, PVC Jacket
S	#8 Sash Chain, CRES, Passivated
T	Wire Rope, No Jacket
U	Wire Rope, Polyurethane Jacket with terminal
SK	Nylon Rope (Black) w/Slip Knot

NOTES

1. Max diameter over which mandrel will rotate freely
2. Material/finish
 - Cover: thermoplastic polyetherimides; see part number development, finish
 - Gasket: fluoroelastomer/N.A.
 - Hardware, rivet: CRES/passivate
 - Rope lanyard: see lanyard code table

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Available Lanyard Types		
Bead Chain (Type D)	Sash Chain (Type S)	Wire or Nylon Rope (Types F, G, H, K, R, T, U)

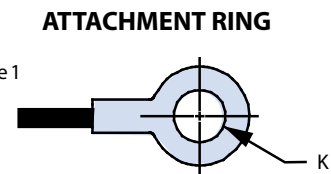
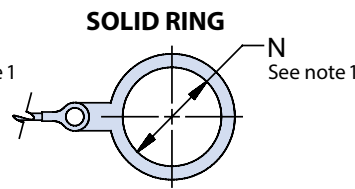
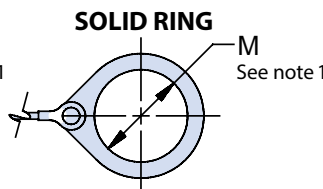
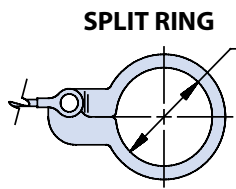


Table I	
Dash No	L Dia ±.015 (0.4)
50	.425 (10.8)
52	.485 (12.3)
54	.640 (16.3)
56	.750 (19.1)
58	.890 (22.6)
60	1.015 (25.8)
62	1.095 (27.8)
64	1.130 (28.7)
66	1.250 (31.8)
68	1.350 (34.3)
70	1.375 (34.92)
72	1.485 (37.7)
74	1.625 (41.3)
76	1.750 (44.5)
78	1.875 (47.6)
80	1.980 (50.3)
82	2.060 (52.3)
84	2.235 (56.8)
86	2.310 (58.7)
88	2.475 (62.9)
90	2.655 (67.4)
92	2.810 (71.4)
94	3.045 (77.3)

Table II	
Dash No	M Dia ±.015 (0.4)
08	.468 (11.9)
10	.593 (15.1)
12	.718 (18.2)
13	.765 (19.4)
14	.844 (21.4)
15	.890 (22.6)
16	.968 (24.6)
17	1.015 (25.8)
18	1.093 (27.8)
19	1.140 (29.0)
20	1.187 (30.15)
21	1.265 (32.1)
22	1.343 (34.1)
23	1.453 (36.9)
24	1.484 (37.7)
25	1.577 (40.1)
27	1.640 (41.7)
28	1.687 (42.8)
29	1.765 (44.8)
30	1.890 (48.0)
31	1.953 (49.6)
32	1.968 (50.0)
33	2.077 (52.8)
35	2.140 (54.4)
36	2.187 (55.5)
40	2.406 (61.1)
44	2.656 (67.5)
48	3.031 (77.0)

Table III	
Dash No	N Dia ±.015 (0.4)
100	.391 (9.9)
101	.516 (13.1)
102	.583 (14.8)
103	.641 (16.3)
104	.708 (18.0)
105	.766 (19.5)
205	.788 (20.0)
106	.896 (22.2)
206	.907 (23.0)
107	1.016 (25.8)
207	1.025 (26.0)
108	1.141 (29.0)
308	1.188 (30.18)
208	1.203 (30.6)
109	1.266 (32.2)
209	1.312 (33.32)
110	1.391 (35.3)
210	1.438 (36.53)
111	1.521 (38.63)
211	1.536 (39.01)
112	1.641 (41.68)
113	1.766 (44.86)
213	1.812 (46.02)
114	1.891 (48.03)
214	1.938 (49.23)
115	2.078 (52.78)
116	2.406 (61.11)
117	2.510 (63.75)

Table IV	
Dash No	K Dia ±.010 (0.25)
01	.140 (3.56)
02	.182 (4.62)
03	.191 (4.85)
04	.197 (5.00)
05	.167 (4.24)
06	.125 (3.18)
07	.218 (5.54)
09	.156 (3.96)



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