M28840 Metal Core Conduit Backshell

NS Series • MIL-DTL-28840 Type Connectors



Photo for example only

NSC2 - 009 W

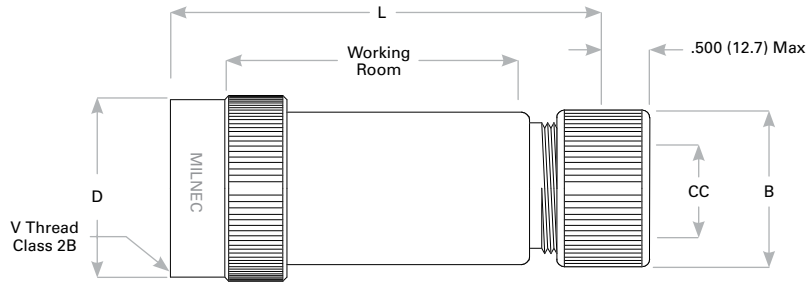
1 2 3

1. **BASIC PART NUMBER**
   - **NSC2** Straight EMI/non-environmental backshell (plain conduit)
   - **NSC5** Straight EMI/environmental backshell (jacketed conduit)
2. **DASH NO.**
   - See Backshell Dimensions table
3. **MATERIAL & FINISH**
   - **W** Aluminum, olive drab cadmium
   - **D** Stainless steel, black cadmium plate

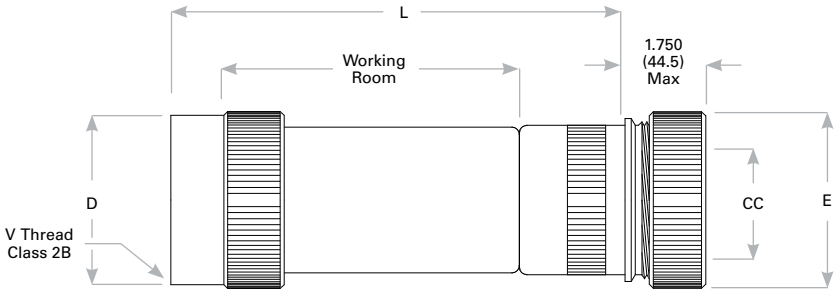
Note: See part builder (p. Z-7) for additional kit options.

NSC2 & NSC5 Compatibility

Compatible Brands	Connectors
MIL-DTL-28840	M28840/10, M28840/11, M28840/14, M28840/16



NSC2: EMI/Non-Environmental (Plain Conduit)



NSC5: EMI/Environmental (Jacketed Conduit)

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Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Conduit Size	V Thread Class 2B	D Max	B Max	E Max	Working Room	L	CC Sealing Range	
									Min	Max
001	11	03	.750-20 UNEF	1.028 (26.11)	1.120 (28.5)	1.190 (30.2)	1.000 (25.4)	1.750 (44.5)	.500 (12.7)	.630 (16.0)
002	11	04	.750-20 UNEF	1.028 (26.11)	1.250 (31.8)	1.378 (35.0)	1.000 (25.4)	1.750 (44.5)	.630 (16.0)	.750 (19.1)
003	13	03	.875-20 UNEF	1.141 (28.98)	1.120 (28.5)	1.190 (30.2)	1.000 (25.4)	1.750 (44.5)	.500 (12.7)	.630 (16.0)
004	13	04	.875-20 UNEF	1.141 (28.98)	1.250 (31.8)	1.378 (35.0)	1.000 (25.4)	1.750 (44.5)	.630 (16.0)	.750 (19.1)
005	15	03	1.000-20 UNEF	1.263 (32.08)	1.120 (28.5)	1.190 (30.2)	1.000 (25.4)	1.750 (44.5)	.500 (12.7)	.630 (16.0)
006	15	04	1.000-20 UNEF	1.263 (32.08)	1.250 (31.8)	1.378 (35.0)	1.000 (25.4)	1.750 (44.5)	.630 (16.0)	.750 (19.1)
007	15	05	1.000-20 UNEF	1.263 (32.08)	1.430 (36.3)	1.630 (41.4)	1.000 (25.4)	1.750 (44.5)	.750 (19.1)	.880 (22.4)
008	15	06	1.000-20 UNEF	1.263 (32.08)	1.620 (41.2)	1.941 (49.3)	1.000 (25.4)	3.000 (76.2)	.880 (22.4)	1.000 (25.4)
009	17	05	1.125-18 UNEF	1.387 (35.23)	1.430 (36.3)	1.630 (41.4)	1.500 (38.1)	2.250 (57.2)	.750 (19.1)	.880 (22.4)
010	17	06	1.125-18 UNEF	1.387 (35.23)	1.620 (41.2)	1.941 (49.3)	1.500 (38.1)	2.250 (57.2)	.880 (22.4)	1.000 (25.4)
011	17	08	1.125-18 UNEF	1.387 (35.23)	1.810 (46.0)	2.189 (55.6)	2.000 (50.8)	2.250 (57.2)	1.190 (30.2)	1.380 (35.1)
012	19	05	1.250-18 UNEF	1.513 (38.43)	1.430 (36.3)	1.630 (41.4)	1.500 (38.1)	2.250 (57.2)	.750 (19.1)	.880 (22.4)
013	19	06	1.250-18 UNEF	1.513 (38.43)	1.620 (41.2)	1.941 (49.3)	1.500 (38.1)	2.250 (57.2)	.880 (22.4)	1.000 (25.4)
014	19	08	1.250-18 UNEF	1.513 (38.43)	1.810 (46.0)	2.189 (55.6)	1.500 (38.1)	2.250 (57.2)	1.190 (30.2)	1.380 (35.1)
015	23	06	1.438-18 UNEF	1.703 (45.5)	1.620 (41.2)	1.941 (49.3)	2.000 (50.8)	2.750 (69.9)	.880 (22.4)	1.000 (25.4)
016	23	08	1.438-18 UNEF	1.703 (45.5)	1.810 (46.0)	2.189 (55.6)	2.000 (50.8)	2.750 (69.9)	1.190 (30.2)	1.380 (35.1)
017	23	10	1.438-18 UNEF	1.703 (45.5)	2.180 (55.4)	2.441 (62.0)	2.000 (50.8)	3.500 (88.9)	1.440 (36.6)	1.630 (41.4)
018	25	06	1.562-18 UNEF	1.825 (46.4)	1.620 (41.2)	1.941 (49.3)	2.000 (50.8)	2.750 (69.9)	.880 (22.4)	1.000 (25.4)
019	25	08	1.562-18 UNEF	1.825 (46.4)	1.810 (46.0)	2.189 (55.6)	2.000 (50.8)	2.750 (69.9)	1.190 (30.2)	1.380 (35.1)
020	25	10	1.562-18 UNEF	1.825 (46.4)	2.180 (55.4)	2.441 (62.0)	2.000 (50.8)	2.750 (69.9)	1.440 (36.6)	1.630 (41.4)
021	25	12	1.562-18 UNEF	1.825 (46.4)	2.560 (65.0)	2.689 (68.3)	2.500 (63.5)	4.000 (101.6)	1.630 (41.4)	1.880 (47.8)
022	29	10	1.875-16 UNS	2.143 (54.4)	2.180 (55.4)	2.441 (62.0)	2.500 (63.5)	3.250 (82.6)	1.440 (36.6)	1.630 (41.4)
023	29	12	1.875-16 UNS	2.143 (54.4)	2.560 (65.0)	2.689 (68.3)	2.500 (63.5)	3.250 (82.6)	1.630 (41.4)	1.880 (47.8)
024	33	12	2.062-16 UNS	2.329 (59.2)	2.560 (65.0)	2.689 (68.3)	2.500 (63.5)	3.250 (82.6)	1.630 (41.4)	1.880 (47.8)
025	33	16	2.062-16 UNS	2.329 (59.2)	3.060 (77.8)	3.189 (81.0)	2.500 (63.5)	3.250 (82.6)	2.130 (54.1)	2.380 (60.5)

Dimensions are in inches (mm).