

NS Series • MIL-DTL-28840 Type Connectors



Photo for example only

NSC3 - 010 W

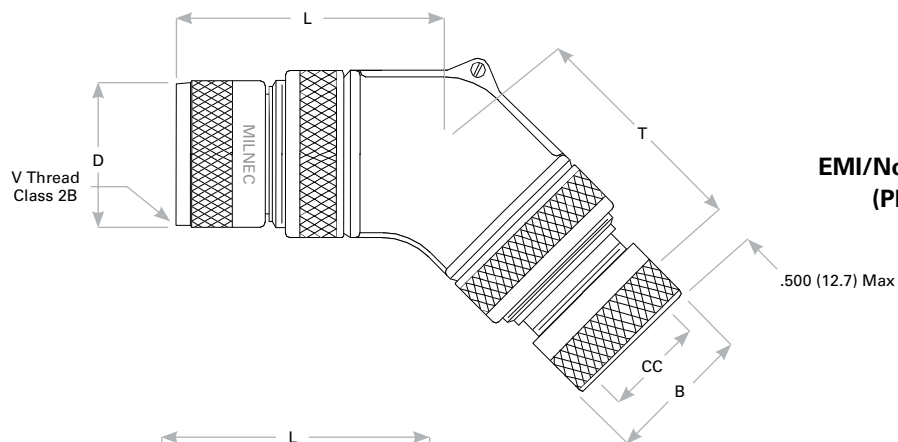
- The diagram illustrates the structure of a backshell part number using a red line with three numbered circles (1, 2, 3) indicating the sequence of components. The components are:

 - 1 BASIC PART NUMBER**
 - NSC3** 45° EMI/non-environmental backshell (plain conduit)
 - NSC6** 45° 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

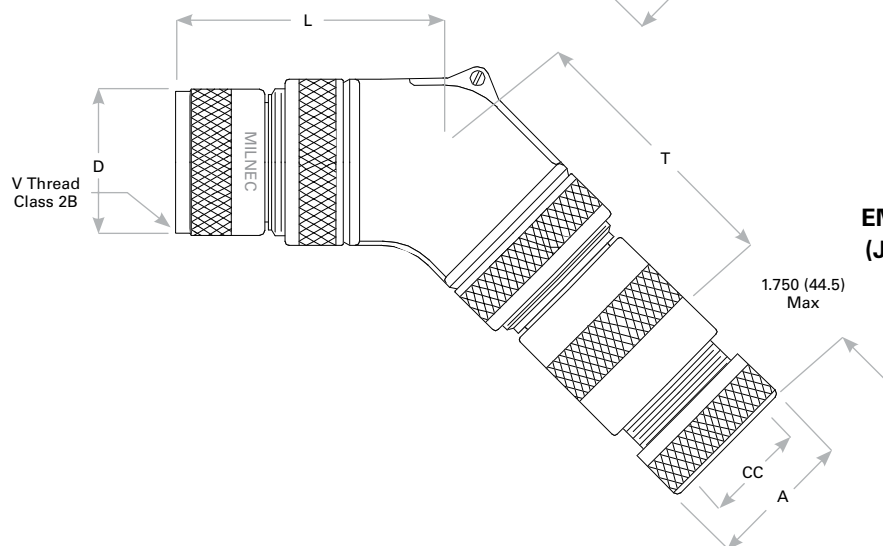
Note: See part builder (p. Z-7) for additional kit options.

NSC3 & NSC6 Compatibility

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



**NSC3:
EMI/Non-Environmental
(Plain Conduit)**



**NSC6:
EMI/Environmental
(Jacketed Conduit)**

(Continued on next page)

M28840 45° Metal Core Conduit Backshell

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Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	D	B Max	A Max	T Max	L Max	CC Sealing Range	
									Min	Max
001	11	A	.750-20 UNEF	1.028 (26.11)	1.120 (28.5)	1.190 (30.2)	3.500 (88.9)	2.360 (59.9)	.500 (12.7)	.630 (16.0)
002	11	A	.750-20 UNEF	1.028 (26.11)	1.250 (31.8)	1.380 (35.1)	3.500 (88.9)	2.360 (59.9)	.630 (16.0)	.750 (19.1)
003	13	B	.875-20 UNEF	1.141 (28.98)	1.120 (28.5)	1.190 (30.2)	3.500 (88.9)	2.360 (59.9)	.500 (12.7)	.630 (16.0)
004	13	B	.875-20 UNEF	1.141 (28.98)	1.250 (31.8)	1.380 (35.1)	3.500 (88.9)	2.360 (59.9)	.630 (16.0)	.750 (19.1)
005	15	C	1.000-20 UNEF	1.263 (32.08)	1.120 (28.5)	1.190 (30.2)	3.690 (93.7)	2.560 (65.0)	.500 (12.7)	.630 (16.0)
006	15	C	1.000-20 UNEF	1.263 (32.08)	1.250 (31.8)	1.380 (35.1)	3.690 (93.7)	2.560 (65.0)	.630 (16.0)	.750 (19.1)
007	15	C	1.000-20 UNEF	1.263 (32.08)	1.430 (36.3)	1.630 (41.4)	3.690 (93.7)	2.560 (65.0)	.750 (19.1)	.880 (22.4)
008	15	C	1.000-20 UNEF	1.263 (32.08)	1.620 (41.2)	1.940 (49.3)	3.810 (96.7)	2.670 (67.8)	.880 (22.4)	1.000 (25.4)
009	17	D	1.125-18 UNEF	1.387 (35.23)	1.430 (36.3)	1.630 (41.4)	3.810 (96.7)	2.670 (67.8)	.750 (19.1)	.880 (22.4)
010	17	D	1.125-18 UNEF	1.387 (35.23)	1.620 (41.2)	1.940 (49.3)	3.810 (96.7)	2.670 (67.8)	.880 (22.4)	1.000 (25.4)
011	17	D	1.125-18 UNEF	1.387 (35.23)	1.810 (46.0)	2.190 (55.6)	3.810 (96.7)	2.670 (67.8)	1.190 (30.2)	1.380 (35.1)
012	19	E	1.250-18 UNEF	1.513 (38.43)	1.430 (36.3)	1.630 (41.4)	3.810 (96.7)	2.670 (67.8)	.750 (19.1)	.880 (22.4)
013	19	E	1.250-18 UNEF	1.513 (38.43)	1.620 (41.2)	1.940 (49.3)	3.810 (96.7)	2.670 (67.8)	.880 (22.4)	1.000 (25.4)
014	19	E	1.250-18 UNEF	1.513 (38.43)	1.810 (46.0)	2.190 (55.6)	4.190 (106.4)	3.050 (77.5)	1.190 (30.2)	1.380 (35.1)
015	23	F	1.438-18 UNEF	1.703 (45.5)	1.620 (41.2)	1.940 (49.3)	4.190 (106.4)	3.050 (77.5)	.880 (22.4)	1.000 (25.4)
016	23	F	1.438-18 UNEF	1.703 (45.5)	1.810 (46.0)	2.190 (55.6)	4.190 (106.4)	3.050 (77.5)	1.190 (30.2)	1.380 (35.1)
017	23	F	1.438-18 UNEF	1.703 (45.5)	2.180 (55.4)	2.440 (62.0)	4.190 (106.4)	3.050 (77.5)	1.440 (36.6)	1.630 (41.4)
018	25	G	1.562-18 UNEF	1.825 (46.4)	1.620 (41.2)	1.940 (49.3)	4.190 (106.4)	3.050 (77.5)	.880 (22.4)	1.000 (25.4)
019	25	G	1.562-18 UNEF	1.825 (46.4)	1.810 (46.0)	2.190 (55.6)	4.190 (106.4)	3.050 (77.5)	1.190 (30.2)	1.380 (35.1)
020	25	G	1.562-18 UNEF	1.825 (46.4)	2.180 (55.4)	2.440 (62.0)	4.190 (106.4)	3.050 (77.5)	1.440 (36.6)	1.630 (41.4)
021	25	G	1.562-18 UNEF	1.825 (46.4)	2.560 (65.0)	2.690 (68.3)	4.500 (114.3)	3.330 (84.6)	1.630 (41.4)	1.880 (47.8)
022	29	H	1.875-16 UNS	2.143 (54.4)	2.180 (55.4)	2.440 (62.0)	4.500 (114.3)	3.330 (84.6)	1.440 (36.6)	1.630 (41.4)
023	29	H	1.875-16 UNS	2.143 (54.4)	2.560 (65.0)	2.690 (68.3)	4.500 (114.3)	3.330 (84.6)	1.630 (41.4)	1.880 (47.8)
024	33	J	2.062-16 UNS	2.329 (59.2)	2.560 (65.0)	2.690 (68.3)	4.830 (122.6)	3.700 (94.0)	1.630 (41.4)	1.880 (47.8)
025	33	J	2.062-16 UNS	2.329 (59.2)	3.060 (77.8)	3.190 (81.0)	4.830 (122.6)	3.700 (94.0)	2.130 (54.1)	2.380 (60.5)

Dimensions are in inches (mm).