

M24758/13 Adapter for Connectors with MS3155 Accessory Interface

M24758/13-16-08-01-A

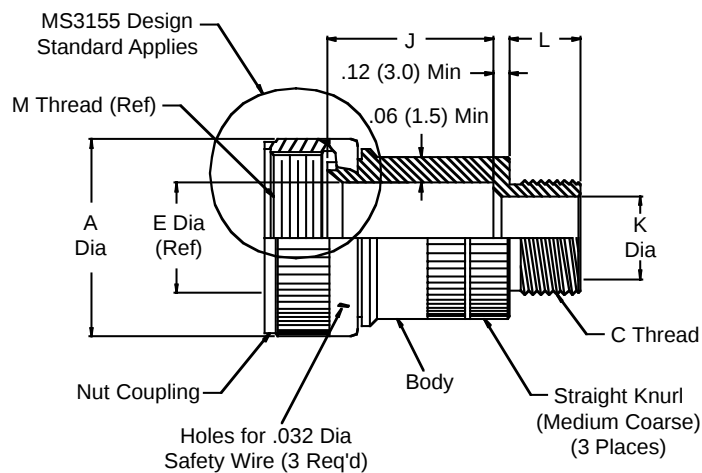
Basic Part No. _____

Conduit Size Code _____
(See Table I)

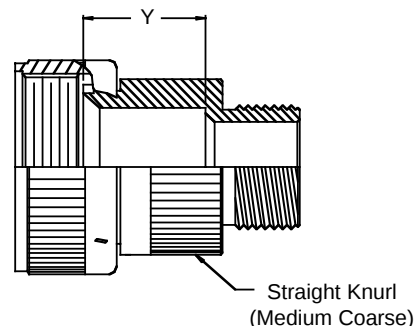
Connector Dash Number _____
(See Table II)

Material Designator:
A = Aluminum
B = Brass
C = CRES 316

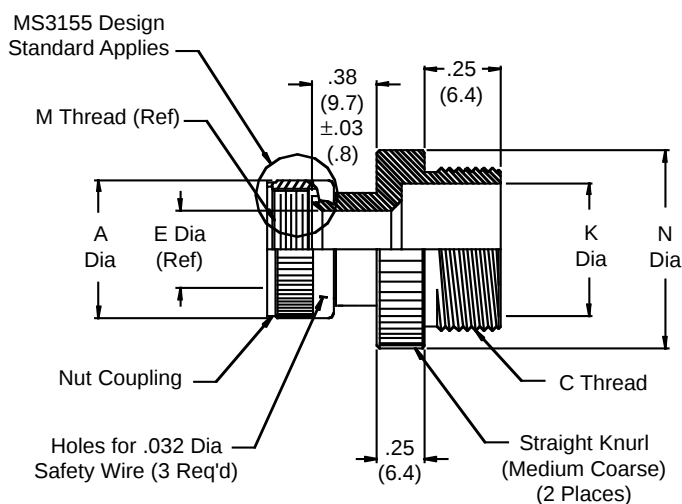
Style Designator _____



STYLE 01
FOR USE WHEN E DIAMETER IS
GREATER THAN K DIAMETER



STYLE 02
SAME AS STYLE 01 EXCEPT Y
DIMENSION IS LESS THAN J. STYLE
02 IS USED WHEN THE EXTRA
WORKING ROOM PROVIDED BY
DIMENSION J OF STYLE 01 IS NOT A
REQUIREMENT.



STYLE 03
FOR USE WHEN E DIAMETER IS
EQUAL TO OR LESS THAN K DIAMETER

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Conduit
Systems

TABLE I

Conduit Size Code	C Thread (Class 2A)	L		K Dia Min.	N Dia	
		±.02	(.5)		±.02	(.5)
02	0.438 - 28 UNEF	.210	(5.3)	.250 (6.4)	.687 (17.4)	
03	0.563 - 24 UNEF	.250	(6.4)	.370 (9.4)	.812 (20.6)	
04	0.688 - 24 UNEF	.250	(6.4)	.500 (12.7)	.937 (23.8)	
05	0.813 - 20 UNEF	.310	(7.9)	.620 (15.7)	1.062 (27.0)	
06	0.938 - 20 UNEF	.310	(7.9)	.750 (19.1)	1.187 (30.1)	
08	1.250 - 18 UNEF	.370	(9.4)	1.000 (25.4)	1.500 (38.1)	
10	1.563 - 18 UNEF	.370	(9.4)	1.250 (31.8)	1.812 (46.0)	
12	1.875 - 16 UN	.430	(10.9)	1.500 (38.1)	2.125 (54.0)	
16	2.375 - 16 UN	.430	(10.9)	2.000 (50.8)	2.625 (66.7)	
20	2.875 - 16 UN	.430	(10.9)	2.500 (63.5)	3.125 (79.4)	
24	3.375 - 16 UN	.430	(10.9)	3.000 (76.2)	3.625 (92.1)	

TABLE II (Connector Dash Numbers & Fitting Dimensions)

Conn. Dash No.	NAS 1599 & MIL-C-83723 (Series 1 & 3)	MIL-C-5015 (MS3400 Series)	MIL-C- 81703 (Navy) (Series 3)	MIL-C- 26482 (Series 2)	A Dia. Max.	M Thread (Class 2B) (Ref.) (Note 3)	E Dia. (Ref) Note 3	J (Style 01) ±.03 (.8)	Y (Style 02) ±.03 (.8)
03			03		.669 (17.0)	0.563 - 24 UNEF	.270 (6.9)	1.060 (26.9)	.620 (15.7)
08	08	8SL		08	.617 (15.7)	0.500 - 20 UNF	.270 (6.9)	1.060 (26.9)	.620 (15.7)
10	10	10S, 10SL		10	.734 (18.6)	0.625 - 24 UNEF	.375 (9.5)	1.060 (26.9)	.690 (17.5)
12	12	12, 12S	07	12	.858 (21.8)	0.750 - 20 UNEF	.511 (13.0)	1.060 (26.9)	.690 (17.5)
14	14	14, 14S	12	13	.984 (25.0)	0.875 - 20 UNEF	.585 (14.9)	1.060 (26.9)	.750 (19.1)
16	16	16, 16S	19	16	1.112 (28.2)	1.000 - 20 UNEF	.710 (18.0)	1.060 (26.9)	.750 (19.1)
18	18	18	27	18	1.218 (30.9)	1.062 - 18 UNEF	.789 (20.0)	1.120 (28.4)	.750 (19.1)
20	20	20	37	20	1.345 (34.2)	1.188 - 18 UNEF	.914 (23.2)	1.380 (35.1)	.810 (20.6)
22	22	22		22	1.468 (37.3)	1.312 - 18 UNEF	1.039 (26.4)	1.830 (46.5)	.810 (20.6)
24	24	24		24	1.593 (40.5)	1.438 - 18 UNEF	1.154 (29.3)	1.830 (46.5)	.810 (20.6)
28		28			1.969 (50.0)	1.750 - 18 UNEF	1.389 (35.3)	2.300 (58.4)	.880 (22.4)
32		32			2.219 (56.4)	2.000 - 18 UNS	1.635 (41.5)	2.550 (64.8)	.880 (22.4)
36		36			2.469 (62.7)	2.250 - 16 UN	1.850 (47.0)	2.800 (71.1)	.880 (22.4)
40		40			2.719 (69.1)	2.500 - 16 UN	2.065 (52.5)	3.050 (77.5)	.940 (23.9)
44		44			2.969 (75.4)	2.750 - 16 UN	2.320 (58.9)	3.550 (90.2)	.940 (23.9)
48		48			3.219 (81.8)	3.000 - 16 UN	2.570 (65.3)	3.620 (91.9)	.940 (23.9)
61			61		1.653 (42.0)	1.500 - 18 UNEF	1.194 (30.3)	1.880 (47.8)	.810 (20.6)

1. The M24758/13 adapter couples connectors listed in Table I to M24758/2, M24758/3 or M24758/4 conduit fittings.
2. The coupling nut end of this adapter shall conform to Military Standard MS3155 (Navy), "Connector, electric, rear accessory design standard". MS3155 takes precedence over this specification.
3. The E diameter and M-thread of this drawing are the same as the E diameter and M-thread of MS3155, and are included for reference purposes.
4. Metric dimensions (mm) are indicated in parentheses.
5. For complete dimensions see applicable Military Specification.