

Conduit Backshells, Fittings and Adapters Interface Standards



Table I: Conduit Backshell Interface Dimensions Master Table

Connector Designator											A THREAD*	B	C	D	E
A	C*	D	E	F	G	H	J	K	L	S	REFERENCE	Dia Max	Dia Max	Dia Max	Dia Max
		08	08	08 [9]				08	08	08	7/16 - 28 UNEF	.59 (15.0)	.65 (16.5)	.77 (19.6)	.69 (17.5)
						09 [A]					M12 X 1 - 6H	.65 (16.5)	.77 (19.6)		.94 (24.8)
08							08 [A]	10			1/2 - 20 UNF	.65 (16.5)	.65 (16.5)		.69 (17.5)
											1/2 - 28 UNEF	.65 (16.5)	.77 (19.6)	.77 (19.6)	
03		10	10	10 [11]				11	10	10	9/16 - 24 UNEF	.72 (18.3)	.77 (19.6)	.89 (22.6)	.82 (20.8)
						11 [B]					M15 X 1 - 6H	.77 (19.6)	.82 (20.8)		1.06 (26.9)
10								12 [13]			5/8 - 24 UNEF	.77 (19.6)	.77 (19.6)	.89 (22.6)	.82 (20.8)
								10 [B]			5/8 - 28 UN	.77 (19.6)	.89 (22.6)		
		12		12 [13]					12	12	11/16 - 24 UNEF	.84 (21.3)	.89 (22.6)	1.02 (25.9)	.94 (23.8)
						13 [C]					M18 X 1 - 6H	.89 (22.6)	.94 (23.9)		1.17 (29.7)
12 [7]	12		12		11 [A]			14 [15]			3/4 - 20 UNEF	.91 (23.1)	.94 (23.9)	1.02 (25.9)	
		14	14	14 [15]					14	14	13/16 - 20 UNEF	.97 (24.6)	1.02 (25.9)	1.15 (29.2)	1.06 (26.9)
						15 [D]					M22 X 1 - 6H	1.03 (26.2)	1.07 (27.2)		1.29 (32.7)
14 [12]	14				13 [B]			16 [17]			7/8 - 20 UNEF	1.03 (26.2)	1.02 (25.9)	1.15 (29.2)	1.06 (26.9)
								14 [D]			7/8 - 28 UN	1.03 (26.2)	1.15 (29.2)		
		16	16	16 [17]					16	16	15/16 - 20 UNEF	1.09 (27.7)	1.15 (29.2)	1.26 (32.0)	1.17 (29.7)
						17 [E]					M25 X 1 - 6H	1.15 (29.2)	1.21 (30.7)		1.42 (36.1)
16 [19]	16				15 [C]			18			1 - 20 UNEF	1.15 (29.2)	1.21 (30.7)	1.23 (31.2)	1.17 (29.7)
								16 [E]			1 - 28 UN	1.15 (29.2)	1.36 (34.5)		
18 [27]		18	18	18 [19]					18	18	1 1/16 - 18 UNEF	1.22 (31.0)	1.23 (31.2)	1.40 (35.6)	1.29 (32.7)
						19 [F]					M28 X 1 - 6H	1.28 (32.5)	1.36 (34.5)		1.54 (39.1)
	18				17 [D]			20			1 1/8 - 18 UNEF	1.28 (32.5)	1.36 (34.5)	1.36 (34.5)	
								18 [F]			1 1/8 - 28 UN	1.28 (32.5)	1.48 (37.6)		
20 [37]		20	20	20 [21]					20	20	13/16 - 18 UNEF	1.34 (34.0)	1.36 (34.5)	1.53 (38.9)	1.42 (36.0)
						21 [G]					M31 X 1 - 6H	1.41 (35.8)	1.48 (37.6)		1.67 (42.4)
	20				19 [E]			22			1 1/4 - 18 UNEF	1.41 (35.8)	1.53 (38.9)	1.48 (37.6)	
								20 [G]			1 1/4 - 28 UN	1.41 (35.8)	1.60 (40.6)		
22		22	22	22 [23]					22	22	15/16 - 18 UNEF	1.47 (37.3)	1.48 (37.6)	1.60 (40.6)	1.54 (39.1)
						23 [H]					M34 X 1 - 6H	1.53 (38.9)	1.60 (40.6)		2.01 (51.1)
	22							24			13/8 - 18 UNEF	1.53 (38.9)		1.60 (40.6)	
								22 [H]			1 3/8 - 28 UN	1.53 (38.9)	1.73 (43.9)		
24		24	24	24 [25]	23 [F]				24	24	17/16 - 18 UNEF	1.59 (40.4)	1.73 (43.9)	1.94 (49.3)	1.66 (42.2)
						25 [J]					M37 X 1 - 6H	1.66 (42.2)	1.70 (43.2)		2.12 (53.8)
61								24 [J]			1 1/2 - 18 UNEF	1.66 (42.2)	1.67 (42.4)		
											1 1/2 - 28 UN	1.66 (42.2)	1.94 (49.3)		
					25 [G]						19/16 - 18 UNEF		1.82 (46.2)		
	24							28			15/8 - 18 UNEF	1.84 (46.7)		1.94 (49.3)	
28											13/4 - 18 UNS	1.97 (50.0)	1.97 (50.0)		2.01 (51.1)
	28				29 [H]			32			17/8 - 16 UN	2.09 (53.1)	2.19 (55.6)	2.19 (55.6)	
32											2 - 18 UNS	2.28 (57.9)	2.22 (56.4)		2.26 (57.4)
	32				33 [J]						2 1/16 - 16 UNS		2.44 (62.0)	2.44 (62.0)	
								36			2 1/8 - 16 UN	2.34 (59.4)		2.44 (62.0)	
36											2 1/4 - 16 UN	2.53 (64.3)	2.47 (62.7)		2.53 (64.3)
	36										2 5/16 - 16 UNS			2.69 (68.3)	
								40			2 3/8 - 16 UN	2.59 (65.8)		2.69 (68.3)	
40											2 1/2 - 16 UN	2.78 (70.6)	2.72 (69.1)		3.04 (77.2)
	40										2 5/8 - 16 UN			2.93 (74.4)	
44											2 3/4 - 16 UN	3.03 (77.0)	2.97 (75.4)		
48											3 - 16 UN	3.22 (81.8)	3.22 (81.8)		

* Code C, MIL-C-22992, Left-Hand Thread

Connector designations in brackets [] are for reference only and are not to be used in part number development.