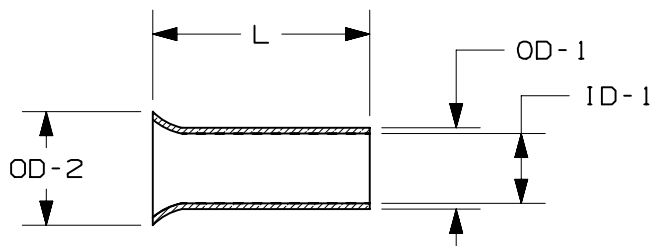


PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	DIMENSIONS in. [mm]				INSTALLATION TOOLS
	AWG	[mm ²]		L	ID-1	OD-1	OD-2	
F73-5	24	[0,25]	7/32 [5,0]	0.20 [5,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,7]	CT-1002 CT-1123
F73-7			9/32 [7,0]	0.28 [7,0]	0.03 [0,8]	0.04 [1,1]	0.07 [1,7]	
F74-5	24-22	[0,34]	7/32 [5,0]	0.20 [5,0]	0.04 [0,9]	0.05 [1,2]	0.07 [1,8]	
F74-7			9/32 [7,0]	0.28 [7,0]	0.04 [0,9]	0.05 [1,2]	0.07 [1,8]	
F75-6	22-20	[0,50]	1/4 [6,0]	0.24 [6,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	CT-1002 CT-1003 CT-1123
F75-8			5/16 [8,0]	0.31 [8,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	
F75-10	18	[0,75]	13/32 [10,0]	0.39 [10,0]	0.04 [1,0]	0.05 [1,3]	0.08 [2,1]	
F76-6			1/4 [6,0]	0.24 [6,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-8			5/16 [8,0]	0.31 [8,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-10			13/32 [10,0]	0.39 [10,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F76-12	16	[1,50]	15/32 [12,0]	0.47 [12,0]	0.05 [1,2]	0.06 [1,5]	0.09 [2,3]	
F77-6			1/4 [6,0]	0.24 [6,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-7			9/32 [7,0]	0.28 [7,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-8			5/16 [8,0]	0.31 [8,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F77-10	16	[1,50]	13/32 [10,0]	0.39 [10,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	CT-1003 CT-1123
F77-12			15/32 [12,0]	0.47 [12,0]	0.06 [1,4]	0.07 [1,7]	0.10 [2,5]	
F78-7			9/32 [7,0]	0.28 [7,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-8			5/16 [8,0]	0.31 [8,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-10	16	[1,50]	13/32 [10,0]	0.39 [10,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	CT-1003 CT-1104 CT-1123
F78-12			15/32 [12,0]	0.47 [12,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-15			19/32 [15,0]	0.59 [15,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-18			23/32 [18,0]	0.71 [18,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	
F78-20	16	[1,50]	25/32 [20,0]	0.79 [20,0]	0.07 [1,7]	0.08 [2,0]	0.11 [2,8]	

- NOTES:
 1. USED FOR:
 A. STRANDED COPPER WIRE ONLY
 B. 221°F [105°C] MAX. OPERATING TEMPERATURE
 2. MATERIAL:
 A. STAMPING: COPPER, TIN PLATED
 3. SEE www.panduit.com FOR PACKAGE QUANTITIES
 4. DIMENSIONS IN BRACKETS ARE METRIC EQUIVALENT
 5. FOR TOLERANCING REFER TO DIN 46228 PART 1



* DIES USED WITH CT-3001 OR CT-3001/E TOOL



PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	DIMENSIONS in. [mm]				INSTALLATION TOOLS	
	AWG	[mm ²]		L	ID-1	OD-1	OD-2		
F80-7	14	[2,50]	9/32 [7,0]	0.28 [7,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]	CT-1002 CT-1003 CT-1123	
F80-8			5/16 [8,0]	0.31 [8,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F80-10			13/32 [10,0]	0.39 [10,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F80-12			15/32 [12,0]	0.47 [12,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F80-15	12	[4,00]	19/32 [15,0]	0.59 [15,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F80-18			23/32 [18,0]	0.71 [18,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F80-20			25/32 [20,0]	0.79 [20,0]	0.09 [2,2]	0.10 [2,5]	0.13 [3,4]		
F81-9			11/32 [8,0]	0.35 [9,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		
F81-10	10	[6,00]	13/32 [10,0]	0.39 [10,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		CT-1003 CT-1004 CT-1123
F81-12			15/32 [12,0]	0.47 [12,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		
F81-15			19/32 [15,0]	0.59 [15,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		
F81-18			23/32 [18,0]	0.71 [18,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		
F81-20	8	[10,0]	25/32 [20,0]	0.79 [20,0]	0.11 [2,8]	0.13 [3,2]	0.16 [4,0]		
F82-10			13/32 [10,0]	0.39 [10,0]	0.14 [3,5]	0.15 [3,9]	0.19 [4,7]		
F82-12			15/32 [12,0]	0.47 [12,0]	0.14 [3,5]	0.15 [3,9]	0.19 [4,7]		
F82-15			19/32 [15,0]	0.59 [15,0]	0.14 [3,5]	0.15 [3,9]	0.19 [4,7]		
F82-18	6	[16,0]	23/32 [18,0]	0.71 [18,0]	0.14 [3,5]	0.15 [3,9]	0.19 [4,7]	CT-1004 CT-1104	
F82-20			25/32 [20,0]	0.79 [20,0]	0.14 [3,5]	0.15 [3,9]	0.19 [4,7]		
F83-12			15/32 [12,0]	0.47 [12,0]	0.18 [4,5]	0.19 [4,9]	0.23 [5,8]		
F83-15			19/32 [15,0]	0.59 [15,0]	0.18 [4,5]	0.19 [4,9]	0.23 [5,8]		
F83-18	6	[16,0]	23/32 [18,0]	0.71 [18,0]	0.18 [4,5]	0.19 [4,9]	0.23 [5,8]		
F83-20			25/32 [20,0]	0.79 [20,0]	0.18 [4,5]	0.19 [4,9]	0.23 [5,8]		
F83-25			31/32 [25,0]	0.98 [25,0]	0.18 [4,5]	0.19 [4,9]	0.23 [5,8]		
F84-12			15/32 [12,0]	0.47 [12,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		
F84-15	6	[16,0]	19/32 [15,0]	0.59 [15,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		CT-1004 CT-1104
F84-18			23/32 [18,0]	0.71 [18,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		
F84-20			25/32 [20,0]	0.79 [20,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		
F84-25			31/32 [25,0]	0.98 [25,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		
F84-32	6	[16,0]	1-1/4 [32,0]	1.26 [32,0]	0.23 [5,8]	0.24 [6,2]	0.30 [7,5]		

PANDUIT PART #	WIRE RANGE		WIRE STRIP LENGTH +1/32 -0 [+0,8 -0]	DIMENSIONS in. [mm]				INSTALLATION TOOLS/DIES	
	AWG	[mm ²]		L	ID-1	OD-1	OD-2		
F85-12	4	[25]	15/32 [12,0]	0.47 [12,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]	CT-1005	
F85-15			19/32 [15,0]	0.59 [15,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]		
F85-18			23/32 [18,0]	0.71 [18,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]		
F85-25			31/32 [25,0]	0.98 [25,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]		
F85-32	2	[35]	1 1/4 [32,0]	1.26 [32,0]	0.29 [7,3]	0.30 [7,7]	0.37 [9,5]		
F86-18			23/32 [18,0]	0.71 [18,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]		
F86-20			25/32 [20,0]	0.79 [20,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]		
F86-25			31/32 [25,0]	0.98 [25,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]		
F86-32	1-1/0	[50]	1 1/4 [32,0]	1.26 [32,0]	0.33 [8,3]	0.34 [8,7]	0.43 [11,0]		CT-1006 *CD-2001-F87
F87-18			23/32 [18,0]	0.71 [18,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]		
F87-22			7/8 [22,0]	0.87 [22,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]		
F87-25			31/32 [25,0]	0.98 [25,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]		
F87-32	2/0	[70]	1 1/4 [32,0]	1.26 [32,0]	0.41 [10,3]	0.43 [10,9]	0.51 [13,0]		
F89-25			31/32 [25,0]	0.98 [25,0]	0.49 [12,5]	0.52 [13,3]	0.59 [15,0]		
F89-32			1 1/4 [32,0]	1.26 [32,0]	0.49 [12,5]	0.52 [13,3]	0.59 [15,0]		
F90-25			31/32 [25,0]	0.98 [25,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]		
F90-30	3/0	[95]	1 3/16 [30,0]	1.18 [30,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]	*CD-2001-F90	
F90-32			1 1/4 [32,0]	1.26 [32,0]	0.57 [14,5]	0.60 [15,3]	0.67 [17,0]		
F91-32	4/0-250	[120]	1 1/4 [32,0]	1.26 [32,0]	0.65 [16,5]	0.69 [17,5]	0.75 [19,0]	*CD-2001-F91	
F91-40			1 19/32 [40,0]	1.57 [40,0]	0.65 [16,5]	0.69 [17,5]	0.75 [19,0]		
F92-32	300	[150]	1 1/4 [32,0]	1.26 [32,0]	0.73 [18,5]	0.77 [19,5]	0.83 [21,0]	*CD-2001-F92	
F92-38			1 1/2 [38,0]	1.50 [38,0]	0.73 [18,5]	0.77 [19,5]	0.83 [21,0]		
F93-32	350	[185]	1 1/4 [32,0]	1.26 [32,0]	0.79 [20,0]	0.83 [21,2]	0.93 [23,5]	*CD-2001-F93	
F93-40			1 19/32 [40,0]	1.57 [40,0]	0.79 [20,0]	0.83 [21,2]	0.93 [23,5]		
F94-40	400	[240]	1 19/32 [40,0]	1.57 [40,0]	0.90 [22,8]	0.94 [24,0]	1.02 [25,8]	*CD-2001-F94	

REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
12	04.15.13	BDK	TMR	RTFI	ADDED DIE REFERENCES AND NOTE. F91 METRIC WIRE RANGE WAS [250]. WIRE STRIP LENGTH FOR F91-40, F93-40, F94-40 WAS 1 3/4 [44,0] AND DIM L WAS 1.57 [44,0]	A41670
11	01.19.13	BDK	BCT	VMB	REVISED AND REDRAWN; ADDED CSA LOGO	A41670

TITLE: FERRULES - NO SLEEVE
 CUSTOMER DRAWING
 ITEM REVISION NAME: N41670BA/12
 DATASET FILE NAME: N41670BA_DC/12A
 UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]
 .X ± .XXX ±
 .XX ± ANGLES ±
 THIRD ANGLE PROJECTION
 DRAWING NUMBER: A41670
 SHT 1 OF 1
 B