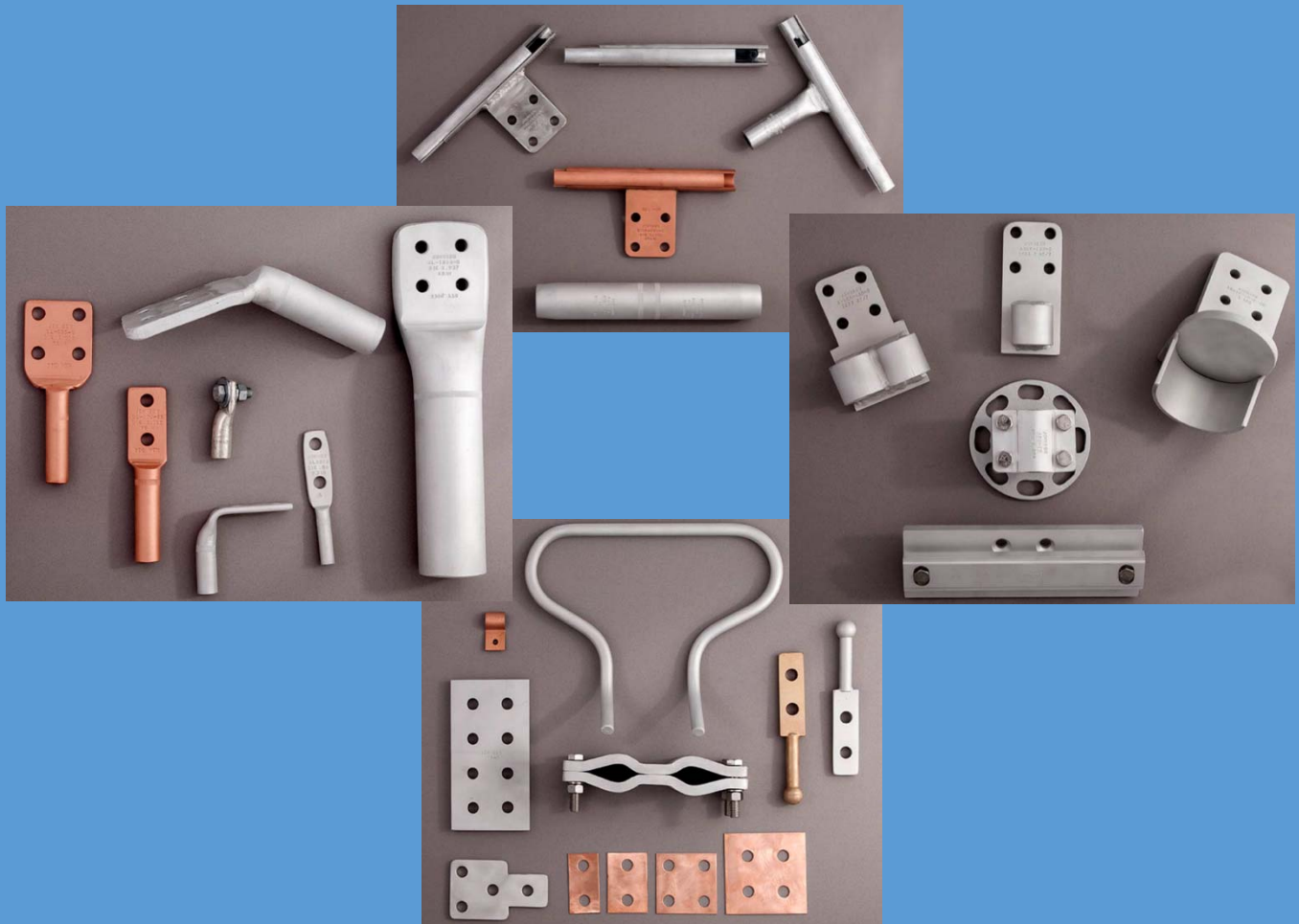




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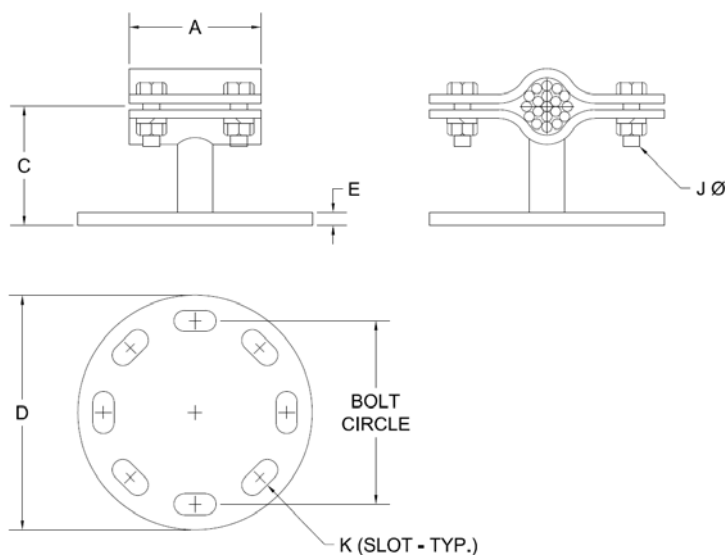
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CATALOG NUMBER	DESCRIPTION	CLASSIFICATION/SECTION	PAGE #
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BUS SUPPORTS

MULTI-RANGE SINGLE CABLE SUPPORTS CABLE ONLY (TYPE - ABS)



MATERIAL: BODY – 356-T6 ALUMINUM ALLOY

HARDWARE – STAINLESS STEEL

NOTE: FOR A 7" BOLT CIRCLE APPLICATION, CHANGE THE LAST DIGIT OF THE CATALOG NO. TO "7". (EX. ABS-40-7)

3" BOLT CIRCLE BASES							
CATALOG NUMBER	DECIMAL RANGE	DIMENSIONS (IN INCHES)					
		A	C	D	E	J	K
ABS-40-3	.198 - .598	3.000	2.250	4.250	.375	.500	.563 x .750
ABS-50-3	.575 - .893	3.000	2.500	4.250	.375	.500	.563 x .750
ABS-75-3	.893 - 1.094	3.000	2.750	4.250	.375	.500	.563 x .750
ABS-100-3	1.036 - 1.293	3.000	3.000	4.250	.375	.500	.563 x .750
ABS-200-3	1.289 - 1.500	3.000	3.375	4.250	.375	.500	.563 x .750
ABS-250-3	1.500 - 1.824	4.000	4.000	4.250	.375	.500	.563 x .750
ABS-350-3	1.824 - 2.160	4.000	4.000	4.250	.375	.500	.563 x .750

5" BOLT CIRCLE BASES							
CATALOG NUMBER	DECIMAL RANGE	DIMENSIONS (IN INCHES)					
		A	C	D	E	J	K
ABS-40-5	.198 - .598	3.000	2.250	6.250	.500	.500	.688 x .875
ABS-50-5	.575 - .893	3.000	2.500	6.250	.500	.500	.688 x .875
ABS-75-5	.893 - 1.094	3.000	2.750	6.250	.500	.500	.688 x .875
ABS-100-5	1.036 - 1.293	3.000	3.000	6.250	.500	.500	.688 x .875
ABS-200-5	1.289 - 1.500	4.000	4.000	6.250	.500	.500	.688 x .875
ABS-250-5	1.500 - 1.824	4.000	4.000	6.250	.500	.500	.688 x .875
ABS-350-5	1.824 - 2.160	4.000	4.000	6.250	.500	.500	.688 x .875



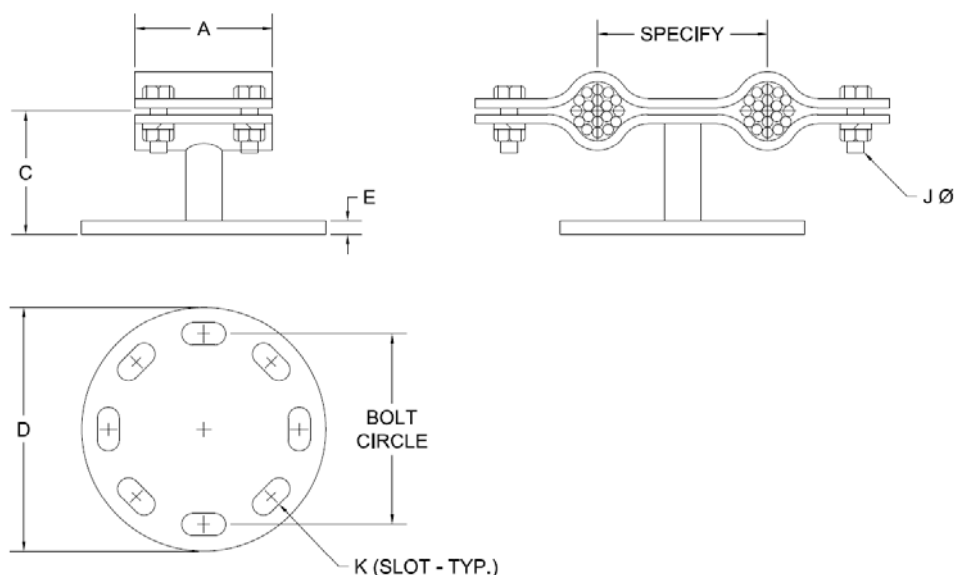
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BUS SUPPORTS

MULTI-RANGE DOUBLE CABLE SUPPORTS CABLE ONLY (TYPE – ABS_-2)



MATERIAL: BODY – 356-T6 ALUMINUM ALLOY

HARDWARE – STAINLESS STEEL

NOTE: FOR A 7" BOLT CIRCLE APPLICATION, CHANGE THE LAST DIGIT OF THE CATALOG NO. TO "7". (EX. ABS-40-7-2).

6" WILL BE USED FOR UNSPECIFIED CABLE SPACING.

3" BOLT CIRCLE BASES							
CATALOG NUMBER	DECIMAL RANGE	DIMENSIONS (IN INCHES)					
		A	C	D	E	J	K
ABS-40-3-2	.198 - .598	3.000	2.250	4.250	.375	.500	.563 x .750
ABS-50-3-2	.575 - .893	3.000	2.500	4.250	.375	.500	.563 x .750
ABS-75-3-2	.893 - 1.094	3.000	2.750	4.250	.375	.500	.563 x .750
ABS-100-3-2	1.036 - 1.293	3.000	3.000	4.250	.375	.500	.563 x .750
ABS-200-3-2	1.289 - 1.500	3.000	3.375	4.250	.375	.500	.563 x .750
ABS-250-3-2	1.500 - 1.824	4.000	4.000	4.250	.375	.500	.563 x .750
ABS-350-3-2	1.824 - 2.160	4.000	4.000	4.250	.375	.500	.563 x .750

5" BOLT CIRCLE BASES							
CATALOG NUMBER	DECIMAL RANGE	DIMENSIONS (IN INCHES)					
		A	C	D	E	J	K
ABS-40-5-2	.198 - .598	3.000	2.250	6.250	.500	.500	.688 x .875
ABS-50-5-2	.575 - .893	3.000	2.500	6.250	.500	.500	.688 x .875
ABS-75-5-2	.893 - 1.094	3.000	2.750	6.250	.500	.500	.688 x .875
ABS-100-5-2	1.036 - 1.293	3.000	3.000	6.250	.500	.500	.688 x .875
ABS-200-5-2	1.289 - 1.500	4.000	4.000	6.250	.500	.500	.688 x .875
ABS-250-5-2	1.500 - 1.824	4.000	4.000	6.250	.500	.500	.688 x .875
ABS-350-5-2	1.824 - 2.160	4.000	4.000	6.250	.500	.500	.688 x .875



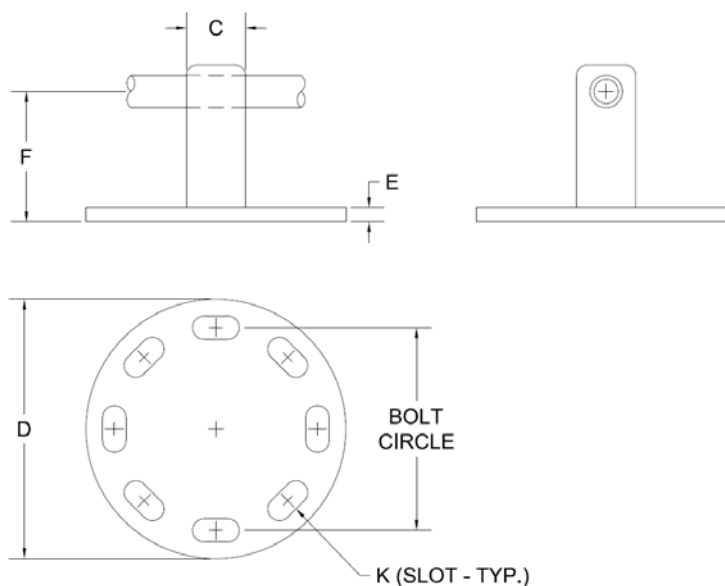
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BUS SUPPORTS

SINGLE RANGE SINGLE TUBE SUPPORTS TUBES ONLY (TYPE – ATSBS)



MATERIAL: BODY – 356-T6 ALUMINUM ALLOY

NOTE: FOR A 7" BOLT CIRCLE APPLICATION, CHANGE THE LAST DIGIT OF THE CATALOG NO. TO "7". (EX. ATSBS-06-7).

3" BOLT CIRCLE BASES						
CATALOG NUMBER	TUBE SIZE	DIMENSIONS (IN INCHES)				
		C	D	E	F	K
ATSBS-06-3	.750	2.000	4.500	.375	3.250	.563
ATSBS-10-3	1.000	2.000	4.500	.375	3.500	.563
ATSBS-12-3	1.250	2.250	4.500	.375	3.625	.563
ATSBS-14-3	1.500	2.500	4.500	.375	4.000	.563
ATSBS-20-3	2.000	2.750	4.500	.375	4.500	.563
ATSBS-24-3	2.500	3.125	4.500	.375	5.250	.563
ATSBS-30-3	3.000	3.625	4.500	.375	5.750	.563
ATSBS-34-3	3.500	4.000	4.500	.375	7.250	.563
ATSBS-40-3	4.000	4.500	4.500	.375	7.750	.563
5" BOLT CIRCLE BASES						
CATALOG NUMBER	TUBE SIZE	DIMENSIONS (IN INCHES)				
		C	D	E	F	K
ATSBS-06-5	.750	2.250	6.250	.500	3.250	.688
ATSBS-10-5	1.000	2.250	6.250	.500	3.500	.688
ATSBS-12-5	1.250	2.375	6.250	.500	3.625	.688
ATSBS-14-5	1.500	2.500	6.250	.500	4.000	.688
ATSBS-20-5	2.000	2.750	6.250	.500	4.500	.688
ATSBS-24-5	2.500	3.125	6.250	.500	5.250	.688
ATSBS-30-5	3.000	4.000	6.250	.500	5.750	.688
ATSBS-34-5	3.500	4.500	6.250	.500	7.250	.688
ATSBS-40-5	4.000	4.500	6.250	.500	7.750	.688



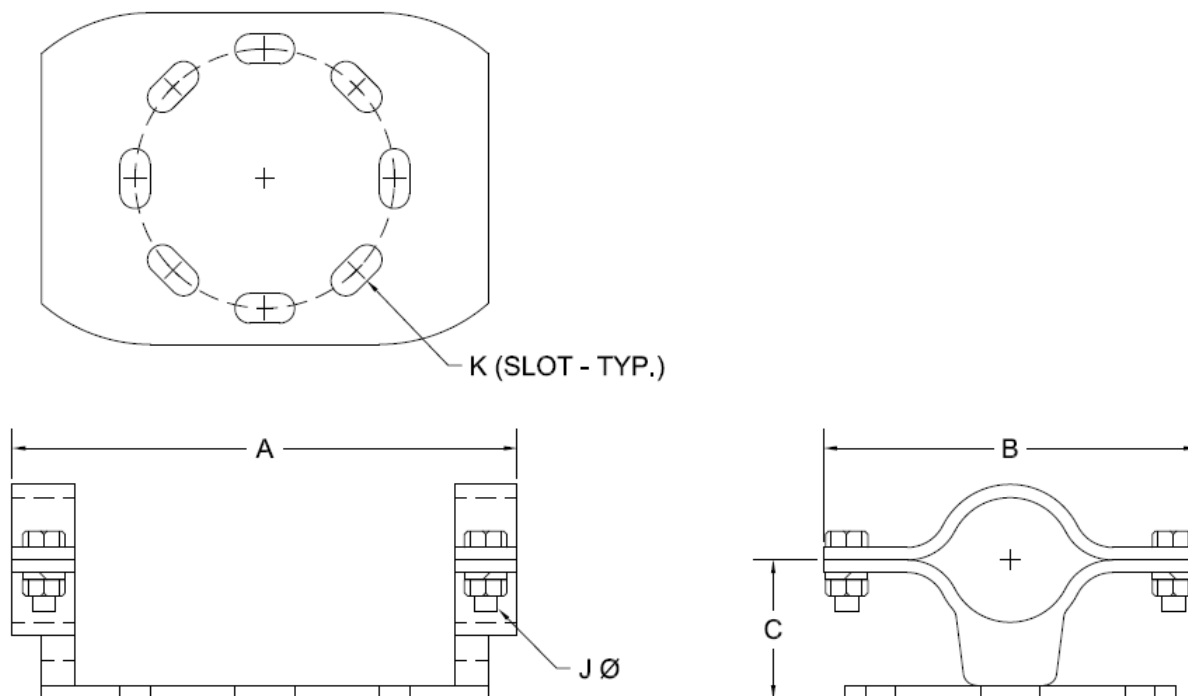
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BUS SUPPORTS

TUBULAR BUS FITTINGS
TUBES ONLY (TYPE - ABR)



MATERIAL: BODY – 356-T6 ALUMINUM ALLOY

3" BOLT CIRCLE BASES						
CATALOG NUMBER	BUS SIZE I.P.S.	DIMENSIONS (IN INCHES)				
		A	B	C	J	K
ABR-06-3	.750	8.500	3.375	2.000	.500	.563 x .750
ABR-10-3	1.000	8.500	3.750	2.000	.500	.563 x .750
ABR-12-3	1.250	8.500	4.250	2.250	.500	.563 x .750
ABR-14-3	1.500	8.500	4.500	2.500	.500	.563 x .750
ABR-20-3	2.000	8.500	5.875	2.750	.500	.563 x .750
ABR-24-3	2.500	8.500	7.000	3.125	.500	.563 x .750
ABR-30-3	3.000	8.500	7.375	3.625	.625	.563 x .750
ABR-34-3	3.500	8.500	7.375	4.000	.625	.563 x .750
ABR-40-3	4.000	8.500	9.000	4.500	.625	.563 x .750

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BUS SUPPORTS

TUBULAR BUS FITTINGS
TUBES ONLY (TYPE - ABR)
(CONTINUED)

5" BOLT CIRCLE BASES						
CATALOG NUMBER	BUS SIZE I.P.S.	DIMENSIONS (IN INCHES)				
		A	B	C	J	K
ABR-06-5	.750	9.875	3.375	2.250	.500	.688 x .875
ABR-10-5	1.000	9.875	3.750	2.250	.500	.688 x .875
ABR-12-5	1.250	9.875	4.250	2.375	.500	.688 x .875
ABR-14-5	1.500	9.875	4.500	2.500	.500	.688 x .875
ABR-20-5	2.000	9.875	5.875	2.750	.500	.688 x .875
ABR-24-5	2.500	9.875	7.000	3.125	.500	.688 x .875
ABR-30-5	3.000	9.875	7.375	3.625	.625	.688 x .875
ABR-34-5	3.500	9.875	7.875	4.000	.625	.688 x .875
ABR-40-5	4.000	9.875	9.000	4.500	.625	.688 x .875
ABR-50-5	5.000	9.875	9.250	4.875	.625	.688 x .875
ABR-60-5	6.000	9.875	10.500	5.375	.625	.688 x .875

7" BOLT CIRCLE BASES						
CATALOG NUMBER	BUS SIZE I.P.S.	DIMENSIONS (IN INCHES)				
		A	B	C	J	K
ABR-06-7	.750	11.563	3.375	2.250	.500	.813 x 1.125
ABR-10-7	1.000	11.563	3.750	2.250	.500	.813 x 1.125
ABR-12-7	1.250	11.563	4.250	2.375	.500	.813 x 1.125
ABR-14-7	1.500	11.625	4.500	2.500	.500	.813 x 1.125
ABR-20-7	2.000	11.625	5.000	2.750	.500	.813 x 1.125
ABR-24-7	2.500	12.438	5.563	3.125	.500	.813 x 1.125
ABR-30-7	3.000	12.563	6.188	3.625	.625	.813 x 1.125
ABR-34-7	3.500	12.625	6.875	4.000	.625	.813 x 1.125
ABR-40-7	4.000	12.688	9.000	4.500	.625	.813 x 1.125
ABR-50-7	5.000	12.750	8.250	4.875	.625	.813 x 1.125
ABR-60-7	6.000	12.813	9.500	5.375	.625	.813 x 1.125



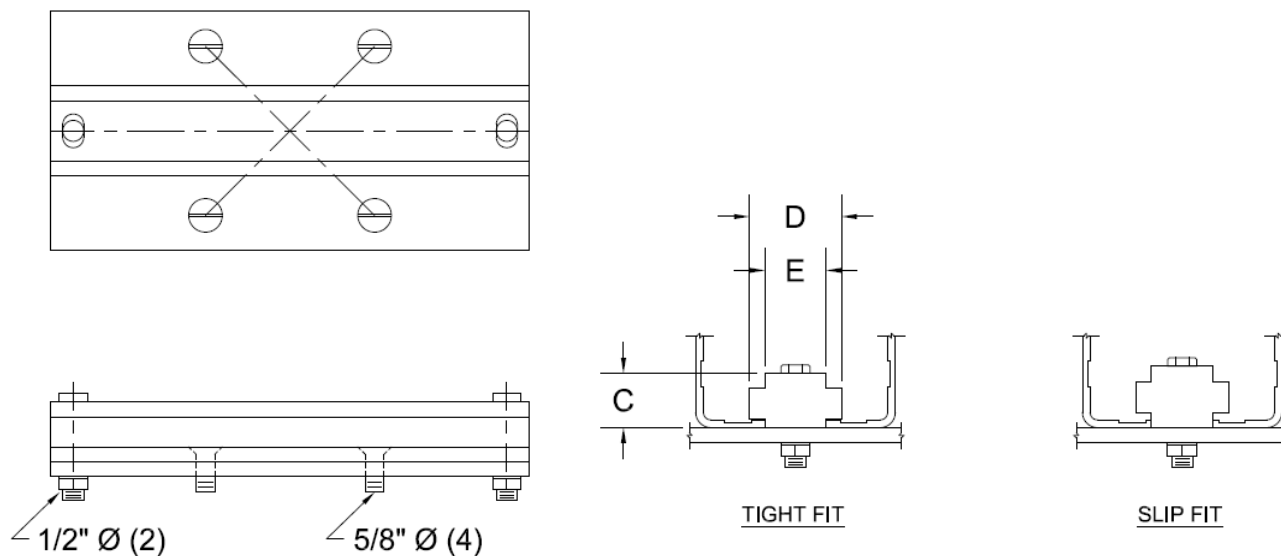
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BUS SUPPORTS

ALUMINUM INTEGRAL WEB BUS SUPPORT INTEGRAL WEB TO INSULATOR (TYPE - AIWBS)



MATERIAL: BODY – 6061 ALUMINUM BUS BAR
HARDWARE – STAINLESS STEEL
GALVANIZED STEEL MOUNTING HARDWARE INCLUDED

CATALOG NUMBER			DIMENSIONS (IN INCHES)			
3" B.C.	5" B.C.	7" B.C.	BUS SIZE	C	D	E
AIWBS-44-3	AIWBS-44-5	AIWBS-44-7	4 X 4	1.000	2.000	1.400
AIWBS-64-3	AIWBS-64-5	AIWBS-64-7	6 X 4	1.250	2.500	1.400
AIWBS-65-3	AIWBS-65-5	AIWBS-65-7	6 X 5	1.250	2.500	1.900
AIWBS-66-3	AIWBS-66-5	AIWBS-66-7	6 X 6	1.250	2.500	1.900
AIWBS-77-3	AIWBS-77-5	AIWBS-77-7	7 X 7	1.875	3.500	1.900
AIWBS-85-3	AIWBS-85-5	AIWBS-85-7	8 X 5	1.875	3.500	1.900
AIWBS-88-3	AIWBS-88-5	AIWBS-88-7	8 X 8	1.875	3.500	1.900
AIWBS-99-3	AIWBS-99-5	AIWBS-99-7	9 X 9	2.000	4.000	2.375



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BUS SUPPORTS

SPLICE PLATE KITS
FOR UNIVERSAL ANGLE CONNECTORS (TYPE - UAS)

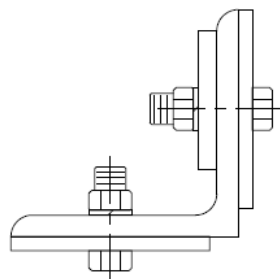


FIG #1
(3 BAR SPLICE)
(FOR HORIZONTALLY INSTALLED BUS)

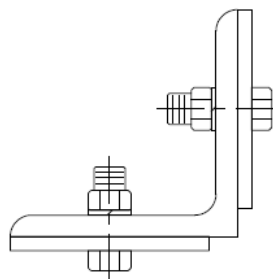
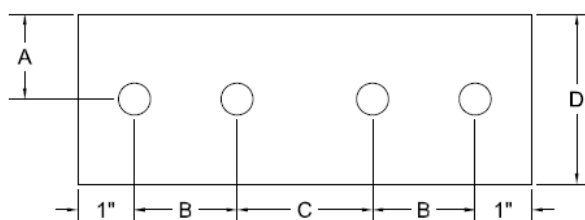
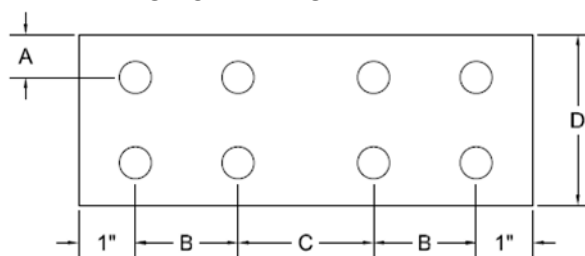


FIG #2
(2 BAR SPLICE)
(FOR VERTICALLY INSTALLED BUS)



*FIG. #3 DRILLING PATTERN



*FIG. #4 DRILLING PATTERN

MATERIAL: BODY – 6061 ALUMINUM BUS BAR
CLAMPING HARDWARE – STAINLESS STEEL

CATALOG NUMBER		UNIVERSAL ANGLE BUS SIZE	OUTSIDE BAR SIZES (BOTH PIECES) IN INCHES	HOLE PATTERN	DIMENSIONS (IN INCHES)			
FIG. #1 SPLICE KIT	FIG. #2 SPLICE KIT				A	B	C	D
UAS-325-25-H	UAS-325-25-V	3.25 x 3.25 x .250	.250 x 3.00 x 8.00	FIG. #3	1.00	1.750	2.500	2.000
UAS-400-25-H	UAS-400-25-V	4.00 x 4.00 x .250	.250 x 4.00 x 8.00	FIG. #4	.812	1.750	2.500	3.000
UAS-400-37-H	UAS-400-37-V	4.00 x 4.00 x .375	.375 x 4.00 x 8.00	FIG. #4	.812	1.750	2.500	3.000
UAS-450-37-H	UAS-450-37-V	4.50 x 4.50 x .375	.375 x 4.00 x 9.00	FIG. #4	1.125	2.000	3.000	4.000
UAS-500-37-H	UAS-500-37-V	5.00 x 5.00 x .375	.375 x 5.00 x 9.00	FIG. #4	1.125	2.000	3.000	4.000



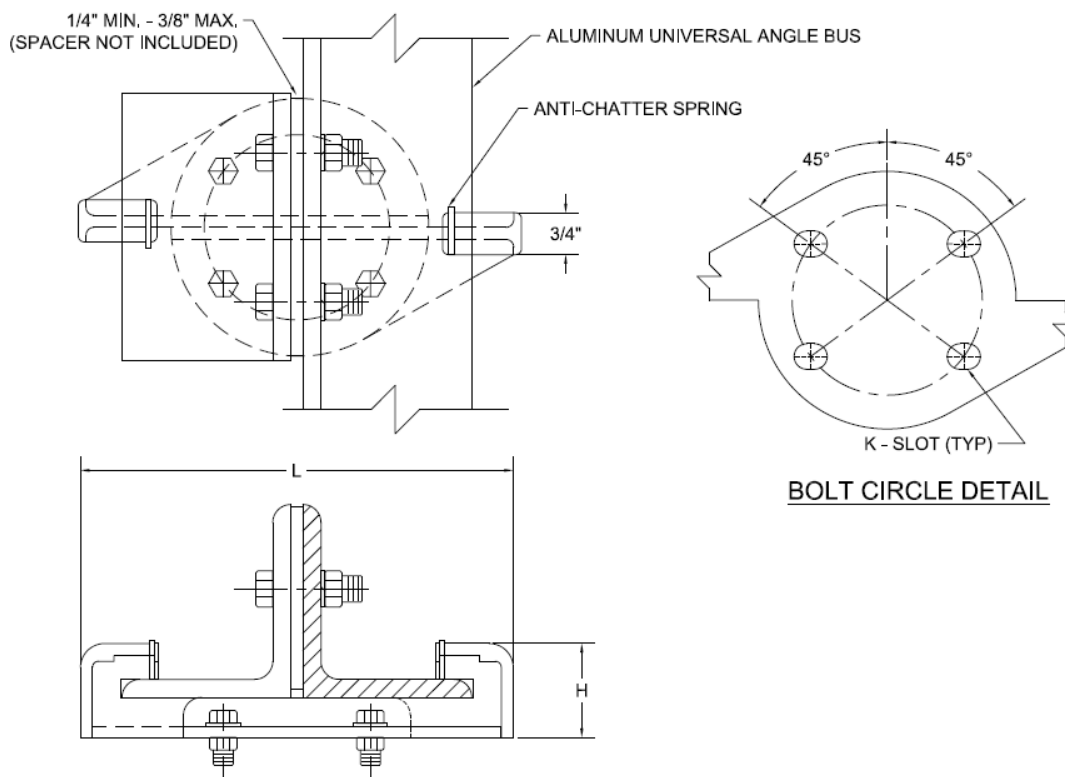
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BUS SUPPORTS

BUS SUPPORT FOR UNIVERSAL ANGLE BUS (TYPE - AABS)



MATERIAL: 356-T6 CAST ALUMINUM ALLOY
MOUNTING HARDWARE – GALVANIZED STEEL

NOTES: FOR MOUNTING HARDWARE, ADD SUFFIX "-B" TO CATALOG NUMBER.
INCLUDES ANTI-CHATTER SPRINGS.

CATALOG NUMBER	UNIVERSAL A.B.S.	DIMENSIONS (IN INCHES)			
		L	H	K	BOLT CIRCLE
AABS-325-3	3.25 x 3.25 x .250	9.000	2.500	.562 x .750	3.000
AABS-425-3	4.00 x 4.00 x .250	10.500	2.500	.562 x .750	3.000
AABS-437-3	4.00 x 4.00 x .375	10.500	2.500	.562 x .750	3.000
AABS-450-3	4.50 x 4.50 x .375	11.500	2.500	.562 x .750	3.000
AABS-500-3	5.00 x 5.00 x .375	12.500	2.500	.562 x .750	3.000
AABS-325-5	3.25 x 3.25 x .250	9.000	2.500	.688 x .875	5.000
AABS-425-5	4.00 x 4.00 x .250	10.500	2.500	.688 x .875	5.000
AABS-437-5	4.00 x 4.00 x .375	10.500	2.500	.688 x .875	5.000
AABS-450-5	4.50 x 4.50 x .375	11.500	2.500	.688 x .875	5.000
AABS-500-5	5.00 x 5.00 x .375	12.500	2.500	.688 x .875	5.000



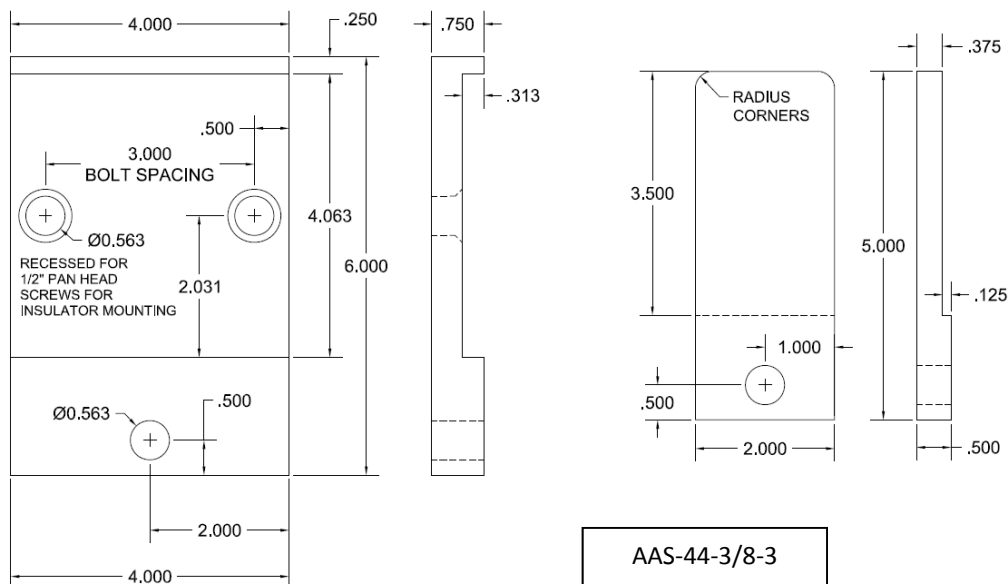
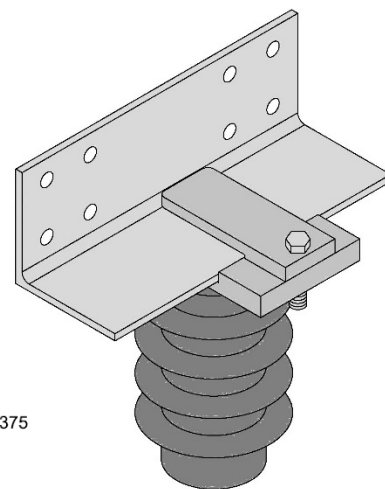
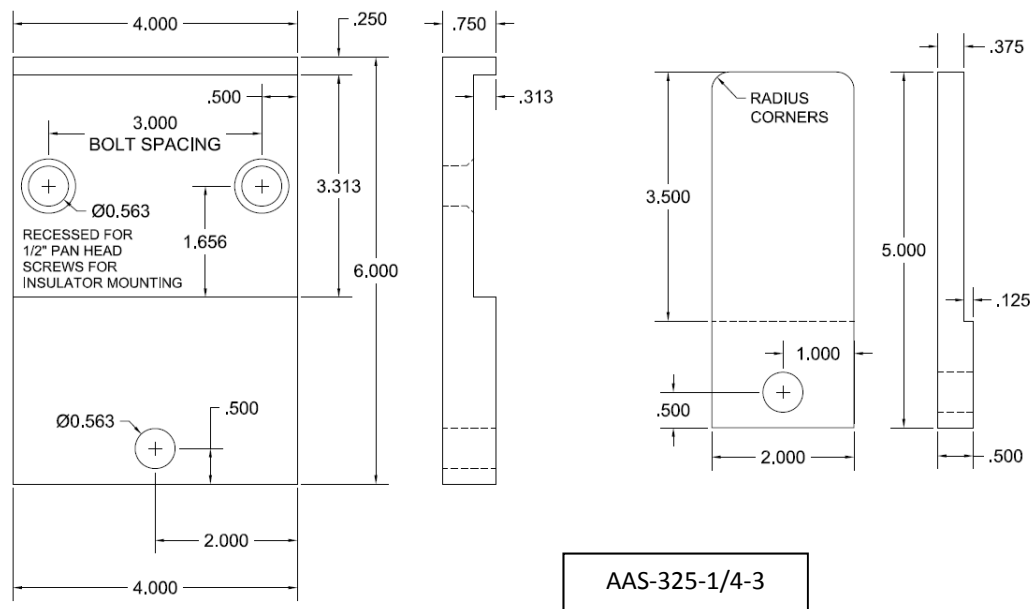
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BUS SUPPORTS

SINGLE ALUMINUM ANGLE SUPPORT – AAS (SLIP OR FIXED)



NOTE: THIS BUS SUPPORT IS AVAILABLE IN A 5" BOLT SPACING UPON REQUEST.



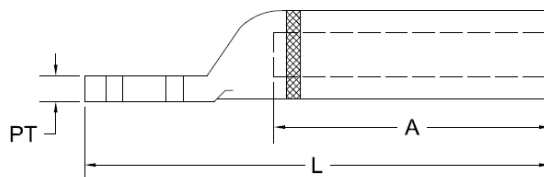
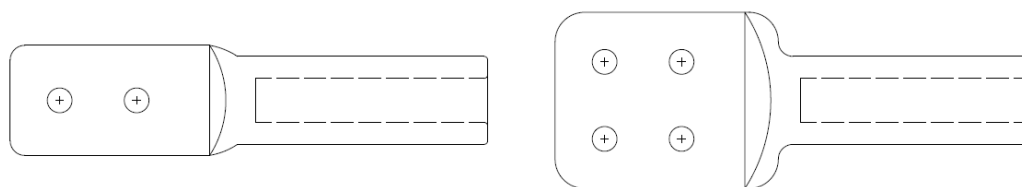
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COMPRESSION CONNECTORS

WROUGHT ALUMINUM COMPRESSION LUGS - CABLE TO FLAT - TYPE AL



MATERIAL: 1060 ALUMINUM ROD

NOTE: ANGLED COMPRESSION CONNECTORS MAY BE OBTAINED BY ADDING SUFFIX
“-ANGLE” TO CATALOG NUMBER. (EX: AL-1000-C-90)

CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES		
	AAC	ACSR		L	A	PT
AL-316-B	#2 (7)	#2 (6/1)	0.640	6.000	2.000	0.250
AL-372-B	1/0 (7), (19)	-	0.840	7.500	2.000	0.310
AL-398-B	-	1/0 (6/1)	0.840	7.500	2.000	0.310
AL-418-B	2/0 (7), (19)	-	0.840	7.500	2.000	0.310
AL-447-B	-	2/0 (6/1)	0.840	7.500	2.000	0.310
AL-470-B	3/0 (7), (19)	-	0.840	7.500	2.000	0.310
AL-527-B	4/0 (7), (19)	3/0 (6/1)	0.840	7.500	2.000	0.310
AL-527-C			0.840	7.500	2.000	0.310
AL-563-B	-	4/0 (6/1)	0.840	7.500	2.000	0.310
AL-563-C			0.840	7.500	2.000	0.310
AL-593-B	266.8 (7), (19)	-	1.125	7.500	3.750	0.380
AL-593-C			1.125	7.500	3.750	0.310
AL-630-B	300 (7), (19)	266.8 (18/1)	1.125	7.500	3.750	0.380
AL-630-C			1.312	7.500	3.750	0.310
AL-646-B	-	266.8 (26/7)	1.125	7.500	3.750	0.380
AL-646-C		300 (18/1)	1.312	7.500	3.750	0.310
AL-677-B	336.4 (19), (37)	336.4 (36/1)	1.125	8.500	3.750	0.380
AL-677-C			1.312	8.500	3.750	0.310
AL-684-B	350 (19), (37)	300 (26/7)	1.125	8.500	3.750	0.380
AL-684-C		336.4 (18/1)	1.312	8.500	3.750	0.310
AL-736-B	397.5 (19)	336.4 (30/7), (26/7)	1.125	8.500	3.750	0.380
AL-736-C	400 (19), (37)	397.5 (18/1), (36/1)	1.312	8.500	3.750	0.310
AL-795-B2	477 (19), (37)	397.5 (26/7)	1.312	8.750	3.750	0.410
AL-795-C			1.312	8.500	3.750	0.310



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

WROUGHT ALUMINUM COMPRESSION LUGS

CABLE TO FLAT - TYPE AL (Continued)

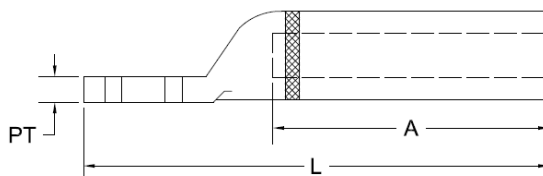
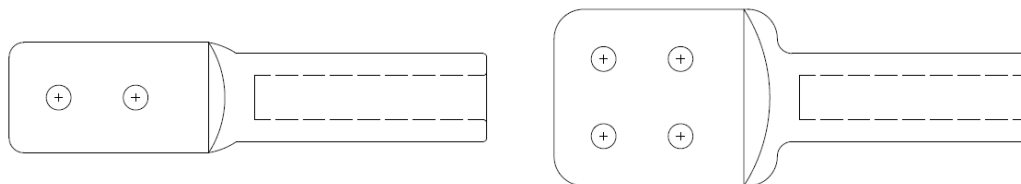
CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES		
	AAC	ACSR		L	A	PT
AL-814-B2	500 (19), (37)	477 (18/1), (36/1)	1.312	8.750	3.750	0.410
AL-814-C			1.312	8.500	3.750	0.310
AL-858-B2	550 (61)	477 (26/7)	1.312	8.750	3.750	0.410
AL-858-C	556.5 (19), (37)		1.312	8.500	3.750	0.310
AL-893-B2	600 (61)	556.5 (18/1), (36/1)	1.500	8.750	4.000	0.500
AL-893-C			1.500	9.250	4.000	0.410
AL-930-B2	636 (37), (61)	556.5 (26/7) 605 (36/1)	1.500	8.750	4.000	0.500
AL-930-C	650 (61)	636 (18/1), (36/1)	1.500	9.250	4.000	0.410
AL-966-B2	700 (61), (91)	605 (26/7), (54/7)	1.500	8.750	4.000	0.500
AL-966-C		666.6 (36/1)	1.500	9.250	4.000	0.410
AL-990-B2	-	636 (26/7)	1.500	8.750	4.000	0.500
AL-990-C		715.5 (54/7)	1.500	9.250	4.000	0.410
AL-1000-B2	750 (37), (61), (91)	762 (20/7)	1.500	8.750	4.000	0.500
AL-1000-C		666 (54/7)	1.500	9.250	4.000	0.410
AL-1036-B2	795 (37), (61) 800 (61)	715.5 (54/7)	1.843	10.875	5.000	0.750
AL-1036-C			1.843	10.500	5.000	0.555
AL-1036-D			1.843	11.125	5.000	0.500
AL-1051-C	-	715.5 (26/7) 795 (36/1)	1.843	10.500	5.000	0.555
AL-1063-C	-	795 (45/7)	1.843	10.500	5.000	0.555
AL-1108-C	874.5 (37), (61)	795 (26/7), (54/7)	1.843	10.500	5.000	0.555
AL-1108-D	900 (61), (91)	874.5 (36/1)	1.843	11.125	5.000	0.500
AL-1162-C	954 ((37), (61)	900 (45/7)	1.843	10.500	5.000	0.555
AL-1162-D			1.843	11.125	5.000	0.500
AL-1171-C	1000 (61), (91)	900 (54/7)	1.843	10.500	5.000	0.555
AL-1171-D	1033.5 (37), (61)	954 (45/7)	1.843	11.125	5.000	0.500
AL-1216-D	1113 (61)	954 (54/7) 1033.5 (45/7)	2.125	12.125	6.000	0.500
AL-1246-D	1192.5 (61)	1033.5 (54/7) 1113 (45/7)	2.125	12.125	6.000	0.500
AL-1299-D	1272 (61)	1113 (18/1), (54/19) 1192.5 (45/7)	2.375	12.375	6.000	0.750
AL-1345-D	-	1272 (45/7)	2.375	12.375	6.000	0.750
AL-1382-D	1431 (61)	1272 (18/1), (45/7), (54/19) 1351.5 (54/7)	2.375	12.375	6.000	0.750
AL-1427-D	1534.4 ACAR	1351.5 (54/19) 1431 (45/7)	2.375	12.375	6.000	0.750
AL-1465-D	1590 (61)	1431 (18/1), (54/19) 1510.5 (54/7)	2.375	12.375	6.000	0.750
AL-1506-D	1700 (127), (169)	1510 (54/19) 1590 (45/7)	2.375	12.375	6.000	0.750
AL-1545-D	-	1590 (18/1), (54/19)	2.375	12.375	6.000	0.750
AL-1632-D	2000	-	2.937	15.625	8.000	1.000
AL-1762-D	-	2156 (84/19)	2.937	15.625	8.000	1.000
AL-1824-D	2500 (91), (127)	-	2.937	15.625	8.000	1.000
AL-2160-D	3500 (127)	-	2.937	15.625	8.000	1.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

SHORT BARREL ALUMINUM COMPRESSION LUGS - CABLE TO FLAT - TYPE ALS



MATERIAL: 1060 ALUMINUM ROD

NOTE: ANGLED COMPRESSION CONNECTORS MAY BE OBTAINED BY ADDING SUFFIX
“-ANGLE” TO CATALOG NUMBER. (EX: ALS-1000-C-90)

CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES		
	AAC	ACSR		L	A	PT
ALS-316-B	#2 (7)	#2 (6/1)	0.640	5.000	2.000	0.250
ALS-372-B	1/0 (7), (19)	-	0.840	6.500	2.000	0.310
ALS-398-B	-	1/0 (6/1)	0.840	6.500	2.000	0.310
ALS-418-B	2/0 (7), (19)	-	0.840	6.500	2.000	0.310
ALS-447-B	-	2/0 (6/1)	0.840	6.500	2.000	0.310
ALS-470-B	3/0 (7), (19)	-	0.840	6.500	2.000	0.310
ALS-527-B	4/0 (7), (19)	3/0 (6/1)	0.840	6.500	2.000	0.310
ALS-527-C			0.840	6.500	2.000	0.310
ALS-563-B	-	4/0 (6/1)	0.840	6.500	2.000	0.310
ALS-563-C			0.840	6.500	2.000	0.310
ALS-593-B	266.8 (7), (19)	-	1.125	6.500	3.750	0.380
ALS-593-C			1.125	6.500	3.750	0.310
ALS-630-B	300 (7), (19)	266.8 (18/1)	1.125	6.500	2.000	0.380
ALS-630-C			1.312	6.500	2.000	0.310
ALS-646-B	-	266.8 (26/7)	1.125	6.500	2.000	0.380
ALS-646-C		300 (18/1)	1.312	6.500	2.000	0.310
ALS-677-B	336.4 (19), (37)	336.4 (36/1)	1.125	7.500	3.000	0.380
ALS-677-C			1.312	7.500	3.000	0.310
ALS-684-B	350 (19), (37)	300 (26/7)	1.125	7.500	3.000	0.380
ALS-684-C		336.4 (18/1)	1.312	7.500	3.000	0.310
ALS-736-B	397.5 (19)	336.4 (30/7), (26/7)	1.125	7.500	3.000	0.380
ALS-736-C	400 (19), (37)	397.5 (18/1), (36/1)	1.312	7.500	3.000	0.310
ALS-795-B2	477 (19), (37)	397.5 (26/7)	1.312	8.750	3.000	0.410
ALS-795-C			1.312	8.750	3.000	0.310



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

SHORT BARREL ALUMINUM COMPRESSION LUGS

CABLE TO FLAT - TYPE ALS (Continued)

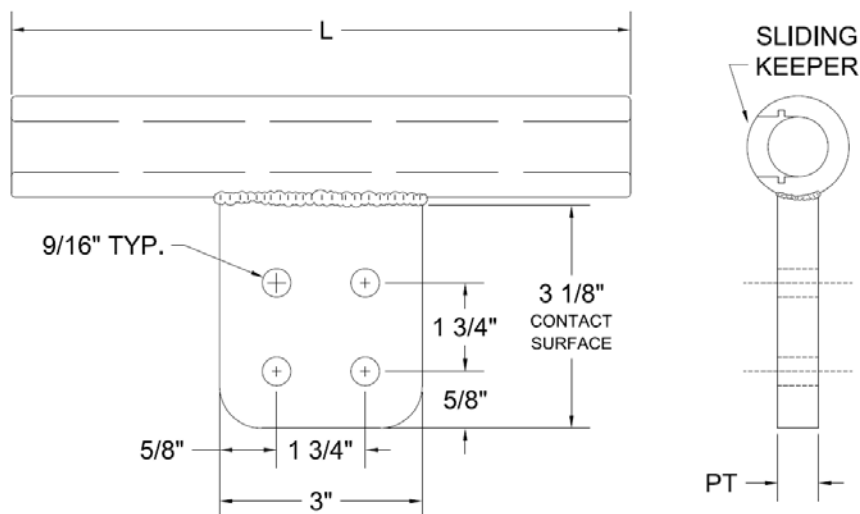
CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES		
	AAC	ACSR		L	A	PT
ALS-814-B2	500 (19), (37)	477 (18/1), (36/1)	1.312	7.750	3.000	0.410
ALS-814-C			1.312	7.500	3.000	0.310
ALS-858-B2	550 (61)	477 (26/7)	1.312	7.750	3.000	0.410
ALS-858-C	556.5 (19), (37)		1.312	7.500	3.000	0.310
ALS-893-B2	600 (61)	556.5 (18/1), (36/1)	1.500	7.750	4.000	0.500
ALS-893-C			1.500	8.250	4.000	0.410
ALS-930-B2	636 (37), (61)	556.5 (26/7) 605 (36/1)	1.500	7.750	4.000	0.500
ALS-930-C	650 (61)	636 (18/1), (36/1)	1.500	8.250	4.000	0.410
ALS-966-B2	700 (61), (91)	605 (26/7), (54/7)	1.500	7.750	4.000	0.500
ALS-966-C		666.6 (36/1)	1.500	8.250	4.000	0.410
ALS-990-B2	-	636 (26/7)	1.500	7.750	4.000	0.500
ALS-990-C		715.5 (54/7)	1.500	8.250	4.000	0.410
ALS-1000-B2	750 (37), (61), (91)	762 (20/7)	1.500	7.750	4.000	0.500
ALS-1000-C		666 (54/7)	1.500	8.250	4.000	0.410
ALS-1036-B2	795 (37), (61) 800 (61)	715.5 (54/7)	1.843	9.875	4.000	0.750
ALS-1036-C			1.843	9.500	4.000	0.555
ALS-1036-D			1.843	10.125	4.000	0.500
ALS-1051-C	-	715.5 (26/7) 795 (36/1)	1.843	9.500	4.000	0.555
ALS-1063-C	-	795 (45/7)	1.843	9.500	4.000	0.555
ALS-1108-C	874.5 (37), (61)	795 (26/7), (54/7)	1.843	9.500	4.000	0.555
ALS-1108-D	900 (61), (91)	874.5 (36/1)	1.843	10.125	4.000	0.500
ALS-1162-C	954 ((37), (61)	900 (45/7)	1.843	9.500	4.000	0.555
ALS-1162-D			1.843	10.125	4.000	0.500
ALS-1171-C	1000 (61), (91)	900 (54/7)	1.843	9.500	4.000	0.555
ALS-1171-D	1033.5 (37), (61)	954 (45/7)	1.843	10.125	4.000	0.500
ALS-1216-D	1113 (61)	954 (54/7) 1033.5 (45/7)	2.125	11.125	5.000	0.500
ALS-1246-D	1192.5 (61)	1033.5 (54/7) 1113 (45/7)	2.125	11.125	5.000	0.500
ALS-1299-D	1272 (61)	1113 (18/1), (54/19) 1192.5 (45/7)	2.375	11.375	5.000	0.750
ALS-1345-D	-	1272 (45/7)	2.375	11.375	5.000	0.750
ALS-1382-D	1431 (61)	1272 (18/1), (45/7), (54/19) 1351.5(54/7)	2.375	11.375	5.000	0.750
ALS-1427-D	1534.4 ACAR	1351.5 (54/19) 1431 (45/7)	2.375	11.375	5.000	0.750
ALS-1465-D	1590 (61)	1431 (18/1), (54/19) 1510.5 (54/7)	2.375	11.375	5.000	0.750
ALS-1506-D	1700 (127), (169)	1510 (54/19) 1590 (45/7)	2.375	11.375	5.000	0.750
ALS-1545-D	-	1590 (18/1), (54/19)	2.375	11.375	5.000	0.750
ALS-1632-D	2000	-	2.937	15.625	8.000	1.000
ALS-1762-D	-	2156 (84/19)	2.937	14.625	7.000	1.000
ALS-1824-D	2500 (91), (127)	-	2.937	14.625	7.000	1.000
ALS-2160-D	3500 (127)	-	2.937	14.625	7.000	1.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION TEES - CABLE TO FLAT - TYPE ATCF



MATERIAL: EC GRADE ALUMINUM

NOTE: PRE-FILLED WITH ELECTRICAL JOINT COMPOUND.

PACKAGED IN A CLEAR PLASTIC BAG

CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES	
	AAC	ACSR		L	PT
ATCF-316-B	#2 (7)	#2 (6/1)	0.840	6.000	0.250
ATCF-398-B	-	1/0 (6/1)	0.840	7.500	0.250
ATCF-447-B	-	2/0 (6/1)	0.840	7.500	0.250
ATCF-470-B	3/0 (7), (19)	-	0.840	7.500	0.250
ATCF-527-B	4/0 (7), (19)	3/0 (6/1)	0.840	7.500	0.250
ATCF-563-B	-	4/0 (6/1)	0.840	7.500	0.250
ATCF-593-B	266.8 (7), (19)	-	1.125	9.000	0.375
ATCF-630-B2	300 (7), (19)	266.8 (18/1)	1.125	9.000	0.500
ATCF-646-B2	-	266.8 (26/7),	1.125	9.000	0.500
ATCF-646-C		300 (18/1)	1.125	9.000	0.375
ATCF-677-B2	336.4 (19), (37)	336.4 (36/1)	1.125	9.000	0.500
ATCF-677-C			1.125	9.000	0.375
ATCF-684-B2	350 (19), (37)	300 (26/7), 336.4 (18/1)	1.125	9.000	0.500
ATCF-684-C			1.125	9.000	0.375
ATCF-736-B2	397.5 (19),	336.4 (26/7)	1.125	9.000	0.500
ATCF-736-C	400 (19), (37)	397.5 (18/1), (36/1)	1.125	9.000	0.375
ATCF-795-B2	447 (19), (37)	397.5 (26/7)	1.312	10.000	0.500
ATCF-795-C			1.312	10.000	0.375
ATCF-814-B2	550 (19), (37)	477 (18/1), (36/1)	1.312	10.000	0.500
ATCF-814-C			1.312	10.000	0.375
ATCF-858-B2	550 (61)	477 (26/7)	1.312	10.000	0.500
ATCF-858-C	556.5 (19), (37)		1.312	10.000	0.375
ATCF-893-C	600 (61)	556.5 (18/1), (36/1)	1.500	11.000	0.500



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION TEES
CABLE TO FLAT - TYPE ATCF (Continued)

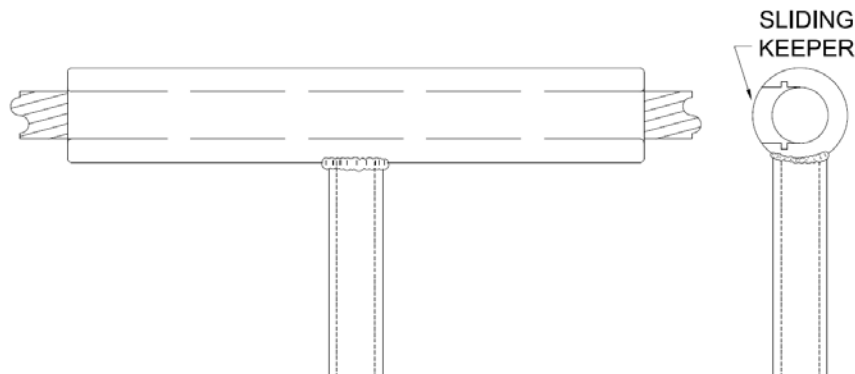
CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES	
	AAC	ACSR		L	PT
ATCF-930-B2	636 (37), (61)	556.5 (26/7), 605 (36/1), 636 (18/1), (36/1)	1.500	11.000	0.500
ATCF-930-C	650 (61)		1.500	11.000	0.500
ATCF-966-B2	700 (61), (91)	605 (26/7), (54/7)	1.500	11.000	0.500
ATCF-966-C		666.6 (36/1)	1.500	11.000	0.500
ATCF-990-B2	-	636 (26/7),	1.500	11.000	0.500
ATCF-990-C		715.5 (36/1)	1.500	11.000	0.500
ATCF-1000-C	750 (37), (91)	666.6 (54/7)	1.500	11.000	0.500
ATCF-1036-B2	795 (37), (91)	715.5 (54/7)	1.843	11.875	0.750
ATCF-1036-C	800 (61)		1.843	11.875	0.500
ATCF-1051-B2	-	715.5 (26/7),	1.843	11.875	0.750
ATCF-1051-C		795 (36/1), (45/7)	1.843	11.875	0.500
ATCF-1063-C	-	795 (45/7)	1.843	11.875	0.500
ATCF-1108-C	874.5 (37), (61) 900 (61), (91)	795 (26/7), (54/7) 874.5 (36/1)	1.843	11.875	0.500
ATCF-1162-C	954 (37), (61)	-	1.843	11.875	0.500
ATCF-1171-C	1000 (61), (91) 1033.5 (37), (61)	900 (54/7) 954 (45/7)	1.843	11.875	0.500
ATCF-1216-C	1113 (61)	954 (54/7) 1033.5 (45/7)	2.125	13.000	0.750
ATCF-1246-C	-	1033.5 (54/7) 1113 (45/7)	2.125	13.000	0.750
ATCF-1299-D	1272 (61)	1113 (54/19) 1192.5 (45/7)	2.375	14.000	0.750
ATCF-1345-D	-	1272 (45/7)	2.375	14.000	0.750
ATCF-1382-D	1431 (61)	1272 (18/1), (54/19) 1351.5 (54/7)	2.375	14.000	0.750
ATCF-1427-D	1500 (61), (91) 1510.5 (61)	1351.5 (54/19), (45/7) 1431 (45/7)	2.375	14.000	0.750
ATCF-1465-D	1590 (61)	1431 (18/1) (54/19) 1510.5 (54/7)	2.375	14.000	0.750
ATCF-1506-D	-	1510 (54/19)	2.375	14.000	0.750
ATCF-1545-D	-	1590 (18/1), (54/19)	2.375	14.000	0.750
ATCF-1632-D	2000	-	2.937	16.000	1.000
ATCF-1762-D	2335.4 (91), (127)	2156 (84/19)	2.937	16.000	1.000
ATCF-1824-D	2500 (127)	-	2.937	16.000	1.000
ATCF-2160-D	3500 (127)	-	2.937	16.000	1.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION TEES - CABLE TO CABLE - TYPE ATCC



MATERIAL: BODY - EC GRADE ALUMINUM

FILLER – BARREL PRE-FILLED WITH INHIBITING COMPOUND

NOTES: WHEN ORDERING, ADD MAIN AND TAP BARREL SIZE.

EX: FOR #2 MAIN TO #2 TAP, ORDER ATCC-316-316

PACKAGED IN A CLEAR PLASTIC BAG

CATALOG NUMBER	CONDUCTOR RANGE												DIE REF.	
	ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM					MAIN	TAP
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
ATCC-316-	#2	-	-	-	-	-	-	#2	-	-	-	-	.840	.840
ATCC-372-	-	-	-	-	-	-	-	1/0	1/0	-	-	-	.840	.840
ATCC-398-	1/0	-	-	-	-	-	-	-	-	-	-	-	.840	.840
ATCC-418-	-	-	-	-	-	-	-	2/0	2/0	-	-	-	.840	.840
ATCC-447	2/0	-	-	-	-	-	-	-	-	-	-	-	.840	.840
ATCC-470-	-	-	-	-	-	-	-	3/0	3/0	-	-	-	.840	.840
ATCC-527-	3/0	-	-	-	-	-	-	4/0	4/0	-	-	-	.840	.840
ATCC-593-	4/0	-	-	-	-	-	-	266.8	266.8	-	-	-	1.125	1.125
ATCC-630-	-	266.8	-	-	-	-	-	300	300	-	-	-	1.125	1.125
ATCC-646-	-	300	-	266.8	-	-	-	-	-	-	-	-	1.125	1.125
ATCC-677-	-	-	336.4	-	-	-	-	-	336.4	336.4	-	-	1.125	1.125
ATCC-684-	-	336.4	-	300	-	-	-	-	350	350	-	-	1.125	1.125
ATCC-736-	-	397.5	397.5	336.4	-	-	-	-	397.5 400	400	-	-	1.125	1.125
ATCC-795-	-	-	-	397.5	-	-	-	-	477	477	-	-	1.312	1.312
ATCC-814-	-	477	477	-	-	-	-	-	500	500	-	-	1.312	1.312
ATCC-858-	-	-	-	477	-	-	-	-	556.5	556.5	550	-	1.312	1.312
ATCC-893-	-	556.5	556.5	-	-	-	-	-	-	-	600	-	1.500	1.500
ATCC-930-	-	636	605 636	556.5	-	-	-	-	-	636	636 650	-	1.500	1.500
ATCC-966-	-	-	666.6	605	-	605	-	-	-	-	700	700	1.500	1.500
ATCC-990-	-	-	715.5	636	-	-	-	-	-	-	-	-	1.500	1.500
ATCC-1000-	-	-	-	-	-	666.6	-	-	-	750	750	750	1.500	1.500



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION TEES
CABLE TO CABLE - TYPE ATCC (Continued)

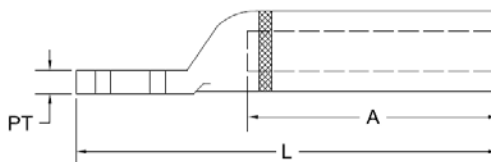
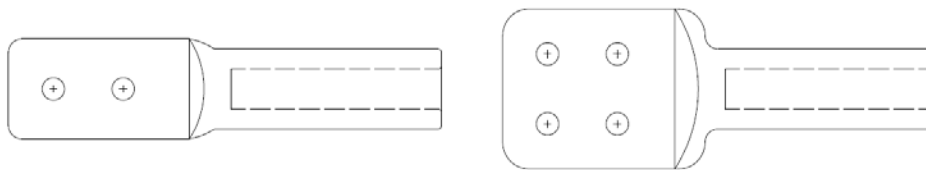
CATALOG NUMBER	CONDUCTOR RANGE												DIE REF.	
	ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM					MAIN	TAP
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
ATCC-1036-	-	-	-	-	-	715.5	-	-	-	795	795 800	-	1.843	1.843
ATCC-1051-	-	-	795	715.5	-	-	-	-	-	-	-	-	1.843	1.843
ATCC-1063-	-	-	-	-	795	-	-	-	-	-	-	-	1.843	1.843
ATCC-1091-	-	-	874.5	-	-	795	-	-	-	874.5	874.5 900	900	1.843	1.843
ATCC-1108-	-	-	-	795	-	-	-	-	-	-	-	-	1.843	1.843
ATCC-1162-	-	-	-	-	-	-	-	-	-	954	954	-	1.843	1.843
ATCC-1171-	-	-	-	-	954	900	-	-	-	1033.5	1000 1033.5	1000	1.843	1.843
ATCC-1216-	-	-	-	-	1033.5	954	-	-	-	-	1113	-	2.125	2.125
ATCC-1246-	-	-	-	-	1113	-	-	-	-	-	-	-	2.125	2.125
ATCC-1299-	-	-	-	-	1192.5	-	1113	-	-	-	1272	-	2.375	2.375
ATCC-1345-	-	-	-	-	1272	-	-	-	-	-	-	-	2.375	2.375
ATCC-1382-	-	1272	-	-	1351.5	1357.5	1272	-	-	-	1431	-	2.375	2.375
ATCC-1427-	-	-	-	-	1431	-	1351.5	-	-	-	-	-	2.375	2.375
ATCC-1465-	-	1431	-	-	-	-	1431	-	-	-	1590	-	2.375	2.375
ATCC-1545-	-	1590	-	-	-	-	1590	-	-	-	-	-	2.375	2.375
ATCC-1632	2000 MCM-127 STR. ALUMINUM												2.937	2.937
ATCC-1762-	2156 MCM-84/19 ACSR, 2335.4-127 STR. ALUMINUM												2.937	2.937
ATCC-1824-	2500 MCM-127 STR. ALUMINUM												2.937	2.937
ATCC-1996-	3000 MCM-127 STR. ALUMINUM												2.937	2.937
ATCC-2160-	3500 MCM-127 STR. ALUMINUM												2.937	2.937



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

COPPER COMPRESSION LUGS - CABLE TO FLAT - TYPE CL



MATERIAL: COPPER

NOTE: ANGLED COMPRESSION CONNECTORS MAY BE OBTAINED BY ADDING SUFFIX
“-ANGLE” TO CATALOG NUMBER. (EX: CL-022-C-90)

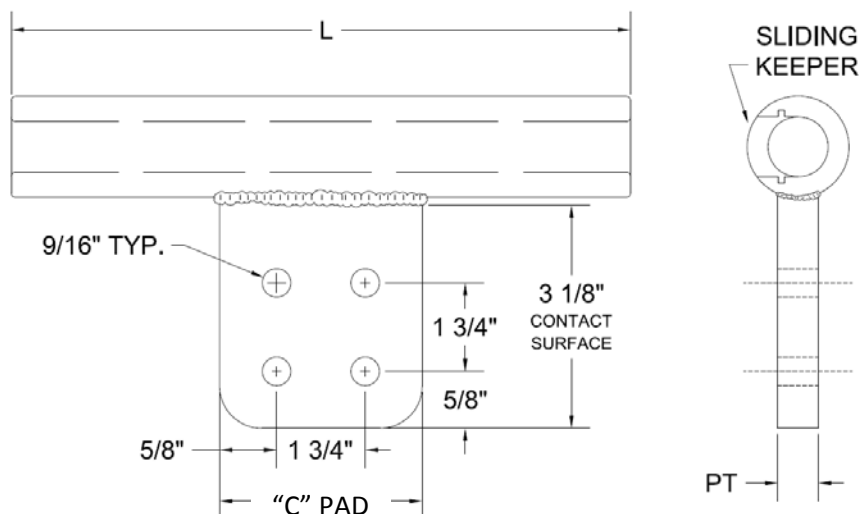
CATALOG NUMBER	COPPER	DIE REF.	DIMENSIONS IN INCHES		
	CABLE		L	A	PT
CL-016-B	#4 STR.	0.640	6.000	2.000	0.250
CL-018-B	#2 STR.	0.640	6.000	2.000	0.250
CL-022B	2/0 STR.	0.840	7.125	2.750	0.310
CL-022-C		0.840	7.875	2.750	0.310
CL-023-B	3/0 STR.	0.840	7.125	2.750	0.310
CL-024-B	4/0 STR.	0.840	7.125	2.750	0.310
CL-024-C		0.840	7.875	2.750	0.310
CL-025-B	250 MCM	0.840	7.125	2.750	0.310
CL-025-C		0.840	7.875	2.750	0.310
CL-030-B	300 MCM	1.000	7.375	3.000	0.340
CL-030-C		1.000	8.000	3.000	0.310
CL-035-B	350 MCM	1.000	7.375	3.000	0.340
CL-035-C		1.000	8.000	3.000	0.310
CL-050-B2	500 MCM	1.125	7.875	3.500	0.375
CL-050-C		1.125	8.625	3.500	0.310
CL-075-B2	750 MCM	1.312	8.625	4.000	0.500
CL-075-C		1.312	8.750	4.000	0.310
CL-080-B2	800 MCM	1.500	8.875	4.000	0.500
CL-080-C		1.500	9.125	4.000	0.310
CL-100-B2	1000 MCM	1.500	8.875	4.000	0.625
CL-100-C		1.500	9.125	4.000	0.370
CL-100-D		1.500	9.875	4.000	.400
CL-150-D	1500 MCM	2.125	11.250	5.000	.500
CL-200-D	2000 MCM	2.375	12.250	6.000	.750



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

COPPER COMPRESSION TEES - CABLE TO FLAT - TYPE BTCF



MATERIAL: COPPER

NOTE: PRE-FILLED WITH ELECTRICAL JOINT COMPOUND.

PACKAGED IN A CLEAR PLASTIC BAG

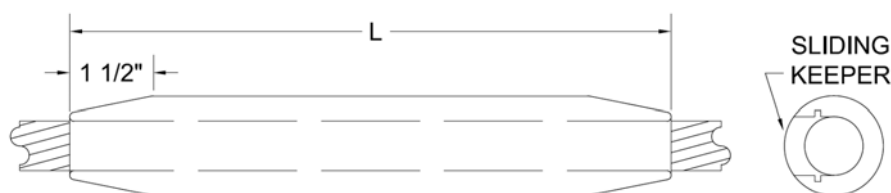
CATALOG NUMBER	COPPER CABLE	DIE REF.	DIMENSIONS IN INCHES	
			L	PT
BTCF-021-B	1/0 STR.	0.840	7.000	0.250
BTCF-022-B	2/0 STR.	0.840	7.000	0.250
BTCF-024-B	4/0 STR.	0.840	7.000	0.250
BTCF-025-B	250 MCM	1.000	8.000	0.250
BTCF-025-C		1.000	8.000	0.250
BTCF-035-B	350 MCM	1.125	9.000	0.250
BTCF-035-C		1.125	9.000	0.250
BTCF-050-B2	500 MCM	1.312	10.000	0.375
BTCF-050-C		1.312	10.000	0.375
BTCF-075-B2	750 MCM	1.500	11.000	0.500
BTCF-750-C		1.500	11.000	0.375
BTCF-080-B2	800 MCM	1.500	11.000	0.500
BTCF-080-C		1.500	11.000	0.375
BTCF-100-B2	1000 MCM	1.500	11.000	0.500
BTCF-100-C		1.500	11.000	0.375



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION REPAIR SLEEVE - CABLE TO CABLE - TYPE RS



MATERIAL: BODY - EC GRADE ALUMINUM

FILLER – BARREL PRE-FILLED WITH INHIBITING COMPOUND

NOTES: PACKAGED IN A CLEAR PLASTIC BAG

CATALOG NUMBER	CONDUCTOR RANGE												DIE REF.	DIM “L”
	ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM						
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
RS-316	#2	-	-	-	-	-	-	#2	-	-	-	-	.840	8.000
RS-372	-	-	-	-	-	-	-	1/0	1/0	-	-	-	.840	8.000
RS-398	1/0	-	-	-	-	-	-	-	-	-	-	-	.840	8.000
RS-418	-	-	-	-	-	-	-	2/0	2/0	-	-	-	.840	8.000
RS-447	2/0	-	-	-	-	-	-	-	-	-	-	-	.840	8.000
RS-470	-	-	-	-	-	-	-	3/0	3/0	-	-	-	.840	8.000
RS-527	3/0	-	-	-	-	-	-	4/0	4/0	-	-	-	.840	8.000
RS-593	4/0	-	-	-	-	-	-	266.8	266.8	-	-	-	1.125	9.000
RS-630	-	266.8	-	-	-	-	-	300	300	-	-	-	1.125	9.000
RS-646	-	300	-	266.8	-	-	-	-	-	-	-	-	1.125	9.000
RS-677	-	-	336.4	-	-	-	-	-	336.4	336.4	-	-	1.125	9.000
RS-684	-	336.4	-	300	-	-	-	-	350	350	-	-	1.125	9.000
RS-736	-	397.5	397.5	336.4	-	-	-	-	397.5 400	400	-	-	1.125	9.000
RS-795	-	-	-	397.5	-	-	-	-	477	477	-	-	1.312	10.000
RS-814	-	477	477	-	-	-	-	-	500	500	-	-	1.312	10.000
RS-858	-	-	-	477	-	-	-	-	556.5	556.5	550	-	1.312	10.000
RS-893	-	556.5	556.5	-	-	-	-	-	-	-	600	-	1.500	11.000
RS-930	-	636	605 636	556.5	-	-	-	-	-	636	636 650	-	1.500	11.000
RS-966	-	-	666.6	605	-	605	-	-	-	-	700	700	1.500	11.000
RS-990	-	-	715.5	636	-	-	-	-	-	-	-	-	1.500	11.000
RS-1000	-	-	-	-	-	666.6	-	-	-	750	750	750	1.500	11.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION REPAIR SLEEVE
CABLE TO CABLE - TYPE RS (Continued)

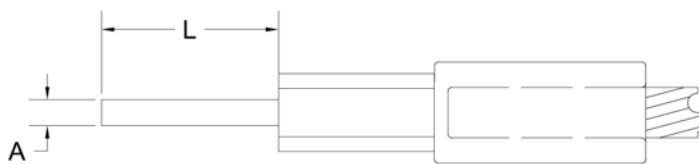
CATALOG NUMBER	CONDUCTOR RANGE												DIE REF.	DIM “L”
	ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM						
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
RS-1036	-	-	-	-	-	715.5	-	-	-	795	795 800	-	1.843	12.000
RS-1051	-	-	795	715.5	-	-	-	-	-	-	-	-	1.843	12.000
RS-1063	-	-	-	-	795	-	-	-	-	-	-	-	1.843	12.000
RS-1091	-	-	874.5	-	-	795	-	-	-	874.5	874.5 900	900	1.843	12.000
RS-1108	-	-	-	795	-	-	-	-	-	-	-	-	1.843	12.000
RS-1162	-	-	-	-	-	-	-	-	-	954	954	-	1.843	12.000
RS-1171	-	-	-	-	954	900	-	-	-	1033.5	1000 1033.5	1000	1.843	12.000
RS-1216	-	-	-	-	1033.5	954	-	-	-	-	1113	-	2.125	13.000
RS-1246	-	-	-	-	1113	-	-	-	-	-	-	-	2.125	13.000
RS-1299	-	-	-	-	1192.5	-	1113	-	-	-	1272	-	2.375	14.000
RS-1345	-	-	-	-	1272	-	-	-	-	-	-	-	2.375	14.000
RS-1382	-	1272	-	-	-	1351.5	1272	-	-	-	1431	-	2.375	14.000
RS-1427	-	-	-	-	1431	-	1351.5	-	-	-	-	-	2.375	14.000
RS-1465	-	1431	-	-	-	-	1431	-	-	-	1590	-	2.375	14.000
RS-1545	-	1590	-	-	-	-	1590	-	-	-	-	-	2.375	14.000
RS-1632	2000 MCM-127 STR. ALUMINUM												2.937	14.000
RS-1762	2156 MCM-84/19 ACSR, 2335.4-127 STR. ALUMINUM												2.937	16.000
RS-1824	2500 MCM-127 STR. ALUMINUM												2.937	16.000
RS-1996	3000 MCM-127 STR. ALUMINUM												2.937	16.000
RS-2160	3500 MCM-127 STR. ALUMINUM												2.937	16.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

COMPRESSION PIN TERMINAL – TYPE APT



MATERIAL: BODY – 1060 ALUMINUM
PIN – TINNED 110 COPPER ROD

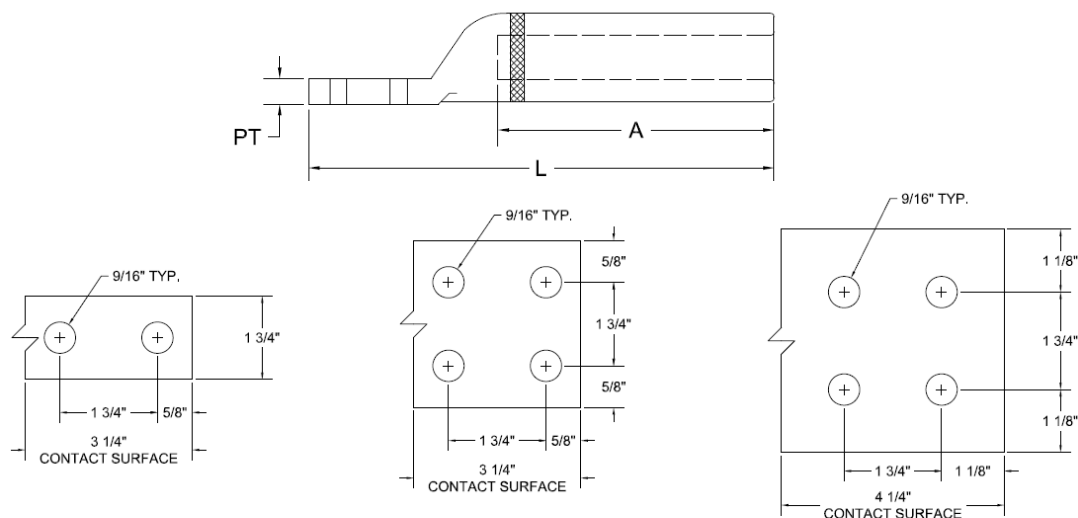
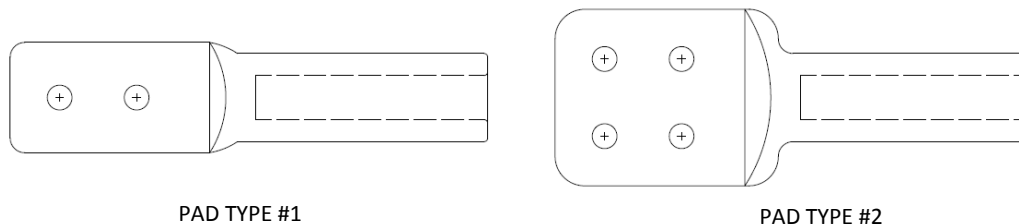
CATALOG NUMBER	CONDUCTOR RANGE		DIE REF.	DIMENSIONS IN INCHES	
	AAC	ACSR		L	A
APT-316-25-4	#2 (7)	#2 (6/1)	0.640	4.000	0.250
APT-372-37-6	1/0 (7), (19)	-	0.840	6.000	0.375
APT-398-37-6	-	1/0 (6/1)	0.840	6.000	0.375
APT-418-37-6	2/0 (7), (19)	-	0.840	6.000	0.375
APT-447-37-6	-	2/0 (6/1)	0.840	6.000	0.375
APT-470-37-6	3/0 (7), (19)	-	0.840	6.000	0.375
APT-527-37-6	4/0 (7), (19)	3/0 (6/1)	0.840	6.000	0.375
APT-563-37-6	-	4/0 (6/1)	0.840	6.000	0.375
APT-593-62-6	266.8 (7), (19)	-	1.125	6.000	0.625
APT-630-62-6	300 (7), (19)	266.8 (18/1)	1.125	6.000	0.625
APT-646-62-6	-	266.8 (26/7), 300 (18/1)	1.125	6.000	0.625
APT-677-62-6	336.4 (19), (37)	336.4 (36/1)	1.125	6.000	0.625
APT-684-62-6	350 (19), (37)	300 (26/7), 336.4 (18/1)	1.125	6.000	0.625
APT-736-62-6	397.5 (19) 400 (19), (37)	336.4 (30/7), (26/7) 397.5 (18/1), (36/1)	1.125	6.000	0.625
APT-795-62-6	477 (19), (37)	397.5 (26/7)	1.312	6.000	0.625
APT-814-62-6	500 (19), (37)	477 (18/1), (36/1)	1.312	6.000	0.625
APT-858-62-6	550 (61) 556.5 (19), (37)	477 (26/7)	1.312	6.000	0.625
APT-893-75-6	600 (61)	556.5 (18/1), (36/1)	1.500	6.000	0.750
APT-930-75-6	630 (19), (37) 650 (61)	556.5 (26/7), 605 (36/1) 636 (18/1), (36/1)	1.500	6.000	0.750
APT-966-75-6	700 (61), (91)	605 (26/7), (54/7) 666.6 (36/1)	1.500	6.000	0.750
APT-990-75-6	-	636 (26/7) 715.5 (36/1)	1.500	6.000	0.750
APT-1000-75-6	750 (37),(61),(91)	666 (54/7)	1.500	6.000	0.750
APT-1036-1-6	795 (37), (61) 800 (61)	715.5 (54/7)	1.843	6.000	1.000
APT-1051-1-6	-	715.5 (26/7) 795 (36/1), (45/7)	1.843	6.000	1.000
APT-1108-1-6	874.5 (37), (61) 900 (61), (91)	795 (26/7), (54/7) 874.5 (36/1)	1.843	6.000	1.000
APT-1162-1-6	954 (37), (61)	900 (45/7)	1.843	6.000	1.000
APT-1171-1-6	1000 (61), (91) 1033.5 (37), (61)	900 (54/7) 954 (45/7)	1.843	6.000	1.000



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

COMPACT ALUMINUM COMPRESSION LUGS - CABLE TO FLAT - TYPE ALC



MATERIAL: 1060 ALUMINUM ROD

NOTE: ANGLED COMPRESSION CONNECTORS MAY BE OBTAINED BY ADDING SUFFIX
 "-ANGLE" TO CATALOG NUMBER. (EX: ALC-1000-C-90)

CATALOG NUMBER	PAD FIG. #	COMPACT	STRANDS	COMPRESS	DIE REF.	DIMENSIONS IN INCHES		
						L	A	PT
ALC-266	1	2	7	-	.640	6.000	2.000	.250
ALC-299	1	1	19	-	.640	6.000	2.000	.250
ALC-321	1	-	-	1	.640	6.000	2.000	.250
ALC-336	1 & 2	1/0	19	-	.840	7.500	2.000	.310
ALC-361	1 & 2	-	-	1/0	.840	7.500	2.000	.310
ALC-376	1 & 2	2/0	19	-	.840	7.500	2.000	.310
ALC-405	1 & 2	-	-	2/0	.840	7.500	2.000	.310
ALC-423	1 & 2	3/0	19	-	.840	7.500	2.000	.310
ALC-456	1 & 2	-	-	3/0	.840	7.500	2.000	.310
ALC-475	1 & 2	4/0	19	-	.840	7.500	2.000	.310



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

COMPACT ALUMINUM COMPRESSION LUGS
CABLE TO FLAT - TYPE ALC (Continued)

CATALOG NUMBER	PAD FIG. #	COMPACT	STRANDS	COMPRESS	DIE REF.	DIMENSIONS IN INCHES		
						L	A	PT
ALC-511	1 & 2	-	-	4/0	.840	7.500	2.000	.310
ALC-520	1 & 2	250	37	-	.840	7.500	2.000	.310
ALC-557	1 & 2	-	-	250	.840	7.500	2.000	.310
ALC-570	1 & 2	300	37	-	.840	7.500	2.000	.310
ALC-616	1 & 2	350	37	300	1.125	7.500	3.750	.380
ALC-659	1 & 2	400	37	350	1.125	7.500	3.750	.380
ALC-706	1 & 2	-	-	400	1.125	7.500	3.750	.380
ALC-736	1 & 2	500	37	-	1.125	7.500	3.750	.380
ALC-788	1 & 2	-	-	500	1.312	8.750	3.750	.380
ALC-813	1 & 2	600	61	-	1.312	8.750	3.750	.560
ALC-866	1 & 2	-	-	600	1.312	8.750	3.750	.560
ALC-908	1 & 2	750	61	-	1.500	8.750	4.000	.580
ALC-938	1 & 2	800	61	-	1.500	8.750	4.000	.580
ALC-970	1 & 2	-	-	750	1.500	8.750	4.000	.580
ALC-1000	1 & 2	900	61	800	1.500	8.750	4.000	.580
ALC-1060	1 & 2	1000	61	900	1.843	10.875	5.000	.555
ALC-1116	1 & 2	-	-	1000	1.843	10.875	5.000	.555



JOHNSON CONNECTOR

A Harry C. Johnson Company

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COMPRESSION CONNECTORS

ALUMINUM TIN PLATED RANGE TAKING LUGS - CABLE TO FLAT - TYPE AV

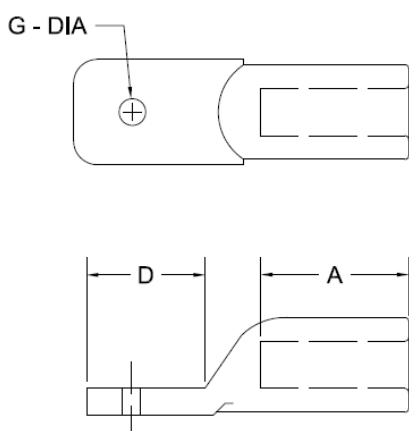


FIGURE #1

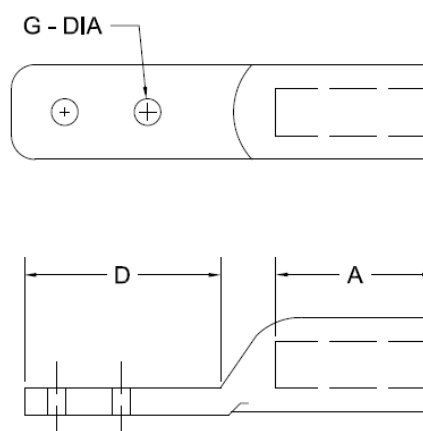


FIGURE #2

MATERIAL: EC GRADE ALUMINUM

FINISH: HIGH BOND TIN COATING (FOR DIS-SIMILAR METAL EXPOSURE)

NOTE: PRE-FILLED WITH INHIBITING COMPOUND.

PACKAGED IN A CLEAR PLASTIC BAG

CATALOG NUMBER	ALUMINUM OR COPPER RANGE	FIG. NO.	CRIMP NO.		DIMENSIONS (IN INCHES)		
			VC5	VC6	A	D	G
AV-10	#6 Str. – 1/0 Str.	1	3	2	1.563	.938	.563
AV-10-2		2	3	2	1.563	1.875	.563
AV-40	#2 Str. – 4/0 Str.	1	3	2	1.625	1.375	.563
AV-40-2		2	3	2	1.625	3.375	.563
AV-300	1/0 Str. – 300 MCM	1	3	2	1.625	1.500	.563
AV-300-2		2	3	2	1.625	3.375	.563
AV-500	4/0 Str. – 500 MCM	1	-	2	1.688	1.563	.563
AV-500-2		2	-	2	1.688	3.375	.563



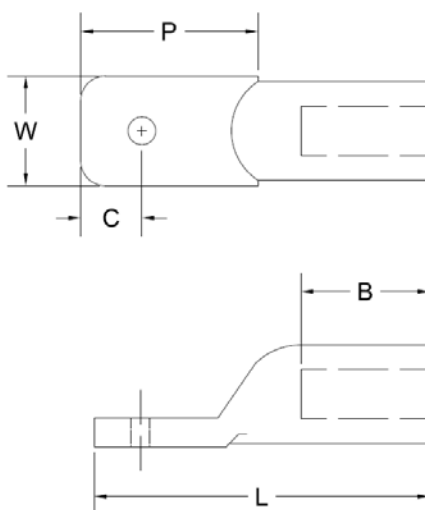
JOHNSON CONNECTOR

A Harry C. Johnson Company

johnsonconnector@bellsouth.net

COMPRESSION CONNECTORS

ELECTROLYTIC SEAMLESS ALUMINUM TIN PLATED LUGS - CABLE TO FLAT - TYPE ALT



MATERIAL: ELECTROLYTIC SEAMLESS ALUMINUM

FINISH: HIGH BOND TIN COATING AVAILABLE (FOR DIS-SIMILAR METAL EXPOSURE)

NOTE: PRE-FILLED WITH INHIBITING COMPOUND.

PACKAGED IN A CLEAR PLASTIC BAG

FOR TIN PLATING, ADD SUFFIX "-TN"

TO THE CATALOG NO. (EX: ALT-10-N-TN)

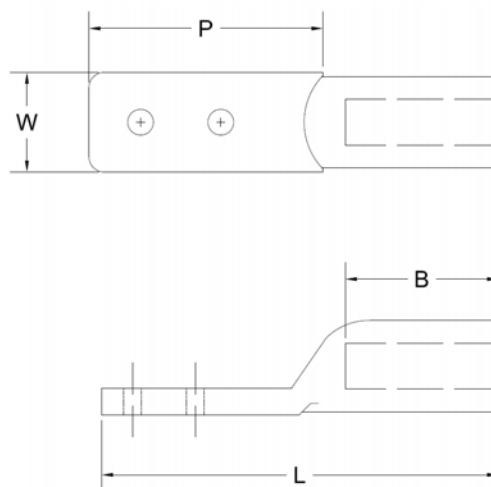
CATALOG NUMBER	WIRE SIZE	DIMENSIONS (IN INCHES)				
		B	L	P	C	W
ALT-10	1/0 Str.	1.250	3.188	1.250	.625	.875
ALT-20	2/0 Str.	1.375	3.188	1.250	.625	1.000
ALT-30	3/0 Str.	1.500	3.438	1.313	.625	1.063
ALT-40	4/0 Str.	1.500	3.563	1.313	.625	1.188
ALT-250	250 MCM	1.625	3.625	1.313	.625	1.250
ALT-300	300 MCM	2.250	4.000	1.313	.625	1.375
ALT-350	350 MCM	2.250	4.250	1.313	.625	1.500
ALT-400	400 MCM	2.500	4.875	1.250	.625	1.625
ALT-500	500 MCM	3.000	5.438	1.500	.625	1.750



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ELECTROLYTIC SEAMLESS ALUMINUM TIN PLATED LUGS - CABLE TO FLAT - TYPE ALT_-N



MATERIAL: ELECTROLYTIC SEAMLESS ALUMINUM

FINISH: HIGH BOND TIN COATING AVAILABLE (FOR DIS-SIMILAR METAL EXPOSURE)

NOTE: PRE-FILLED WITH INHIBITING COMPOUND.

PACKAGED IN A CLEAR PLASTIC BAG

FOR TIN PLATING, ADD SUFFIX "-TN"

TO THE CATALOG NO. (EX: ALT-10-N-TN)

CATALOG NUMBER	WIRE SIZE	DIMENSION (IN INCHES)			
		B	L	P	W
ALT-10-N	1/0 Str.	1.500	5.281	3.250	.875
ALT-20-N	2/0 Str.	1.500	5.500	3.250	1.000
ALT-30-N	3/0 Str.	1.500	5.500	3.250	1.063
ALT-40-N	4/0 Str.	1.750	6.000	3.375	1.188
ALT-250-N	250 MCM	1.750	6.000	3.375	1.250
ALT-300-N	300 MCM	2.250	6.563	3.563	1.312
ALT-350-N	350 MCM	2.250	6.563	3.563	1.500
ALT-400-N	400 MCM	2.500	6.875	3.563	1.625
ALT-500-N	500 MCM	3.000	7.938	3.563	1.750
ALT-600-N	600 MCM	3.000	7.500	3.625	1.750
ALT-750-N	750 MCM	3.375	8.250	3.625	1.750
ALT-800-N	800 MCM	3.375	8.250	3.625	1.750
ALT-1000-N	1000 MCM	4.625	9.625	3.625	2.563
ALT-1500-N	1500 MCM	5.500	10.813	3.625	3.188
ALT-2000-N	2000 MCM	6.000	11.875	3.625	3.500



JOHNSON CONNECTOR

COMPRESSION CONNECTORS

ALUMINUM COMPRESSION CABLE SPACER (W/ EXTRA TAPS) - CABLE TO FLAT - TYPE ATCF-U

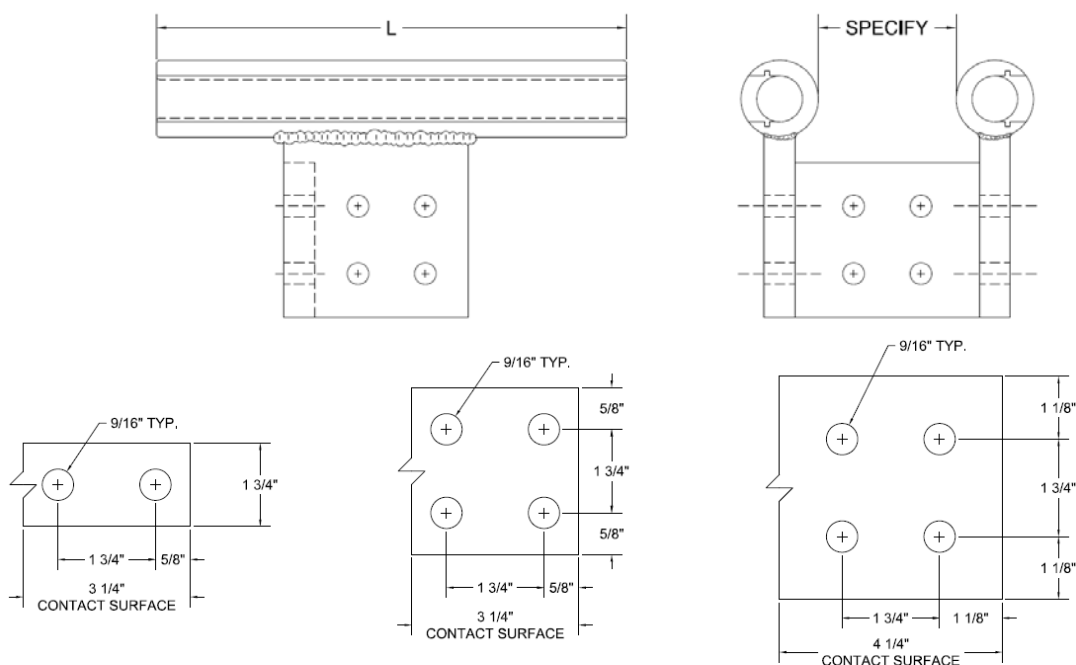


FIGURE #1

FIGURE #2

FIGURE #3

MATERIAL: BODY - EC GRADE ALUMINUM

FILLER – BARREL PRE-FILLED WITH INHIBITING COMPOUND

NOTES: PACKAGED IN A CLEAR PLASTIC BAG.

CONFIGURATION ALLOWS TWO EXTRA TAPS OFF OF THE PADS.

CATALOG NUMBER	PAD FIG. #	CONDUCTOR RANGE												DIE REF.	DIM “L”
		ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM						
		6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
ATCF-U-316	1	#2	-	-	-	-	-	-	#2	-	-	-	-	.840	8.000
ATCF-U-372	1	-	-	-	-	-	-	-	1/0	1/0	-	-	-	.840	8.000
ATCF-U-398	1	1/0	-	-	-	-	-	-	-	-	-	-	-	.840	8.000
ATCF-U-418	1	-	-	-	-	-	-	-	2/0	2/0	-	-	-	.840	8.000
ATCF-U-447	1	2/0	-	-	-	-	-	-	-	-	-	-	-	.840	8.000
ATCF-U-470	1	-	-	-	-	-	-	-	3/0	3/0	-	-	-	.840	8.000
ATCF-U-527	1	3/0	-	-	-	-	-	-	4/0	4/0	-	-	-	.840	8.000
ATCF-U-593	1	4/0	-	-	-	-	-	-	266.8	266.8	-	-	-	1.125	10.000
ATCF-U-630	1	-	266.8	-	-	-	-	-	300	300	-	-	-	1.125	10.000
ATCF-U-646	1 & 2	-	300	-	266.8	-	-	-	-	-	-	-	-	1.125	10.000
ATCF-U-677	1 & 2	-	-	336.4	-	-	-	-	-	336.4	336.4	-	-	1.125	10.000
ATCF-U-684	1 & 2	-	336.4	-	300	-	-	-	-	350	350	-	-	1.125	10.000
ATCF-U-736	1 & 2	-	397.5	397.5	336.4	-	-	-	-	397.5 400	400	-	-	1.125	10.000
ATCF-U-795	1 & 2	-	-	-	397.5	-	-	-	-	477	477	1	-	1.312	10.000



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COMPRESSION CONNECTORS

ALUMINUM COMPRESSION CABLE SPACER (W/ EXTRA TAPS) CABLE TO FLAT - TYPE ATCF-U (Continued)

CATALOG NUMBER	PAD FIG. #	CONDUCTOR RANGE												DIE REF.	DIM “L”
		ACSR-AWG OR MCM							ALUMINUM-AWG OR MCM						
		6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91		
ATCF-U-814	1 & 2	-	477	477	-	-	-	-	-	500	500	-	-	1.312	10.000
ATCF-U-858	1 & 2	-	-	-	477	-	-	-	-	556.5	556.5	550	-	1.312	10.000
ATCF-U-893	1 & 2	-	556.5	556.5	-	-	-	-	-	-	-	600	-	1.500	11.000
ATCF-U-930	1 & 2	-	636	⁶⁰⁵ 636	556.5	-	-	-	-	-	636	⁶³⁶ 650	-	1.500	11.000
ATCF-U-966	1 & 2	-	-	666.6	605	-	605	-	-	-	-	700	700	1.500	11.000
ATCF-U-990	1 & 2	-	-	715.5	636	-	-	-	-	-	-	-	-	1.500	11.000
ATCF-U-1000	1 & 2	-	-	-	-	-	666.6	-	-	-	750	750	750	1.500	11.000
ATCF-U-1036	1,2 & 3	-	-	-	-	-	715.5	-	-	-	795	⁷⁹⁵ 800	-	1.843	12.000
ATCF-U-1051	1,2 & 3	-	-	795	715.5	-	-	-	-	-	-	-	-	1.843	12.000
ATCF-U-1063	1,2 & 3	-	-	-	-	795	-	-	-	-	-	-	-	1.843	12.000
ATCF-U-1091	1,2 & 3	-	-	874.5	-	-	795	-	-	-	874.5	^{874.5} 900	900	1.843	12.000
ATCF-U-1108	1,2 & 3	-	-	-	795	-	-	-	-	-	-	-	-	1.843	12.000
ATCF-U-1162	1,2 & 3	-	-	-	-	-	-	-	-	-	954	954	-	1.843	12.000
ATCF-U-1171	1,2 & 3	-	-	-	-	954	900	-	-	-	1033.5	¹⁰⁰⁰ 1033.5	1000	1.843	12.000
ATCF-U-1216	1,2 & 3	-	-	-	-	1033.5	954	-	-	-	-	1113	-	2.125	13.000
ATCF-U-1246	1,2 & 3	-	-	-	-	1113	1033.5	-	-	-	-	-	-	2.125	13.000
ATCF-U-1299	1,2 & 3	-	-	-	-	1192.5	-	1113	-	-	-	1272	-	2.375	14.000
ATCF-U-1424	1,2 & 3	-	-	-	-	1272	1351.5	1272	-	-	-	1272	-	2.375	14.000
ATCF-U-1465	1,2 & 3	-	1431	-	-	-	1510.5	1431	-	-	-	1590	-	2.375	14.000
ATCF-U-1545	1,2 & 3	-	1590	-	-	-	-	1590	-	-	-	-	-	2.375	14.000
ATCF-U-1632	2 & 3	2000 MCM-127 STR. ALUMINUM												2.937	16.000
ATCF-U-1762	2 & 3	2156 MCM-84/19 ACSR, 2335.4-127 STR. ALUMINUM												2.937	16.000
ATCF-U-1824	2 & 3	2500 MCM-127 STR. ALUMINUM												2.937	16.000
ATCF-U-1996	2 & 3	3000 MCM-127 STR. ALUMINUM												2.937	16.000
ATCF-U-2160	2 & 3	3500 MCM-127 STR. ALUMINUM												2.937	16.000



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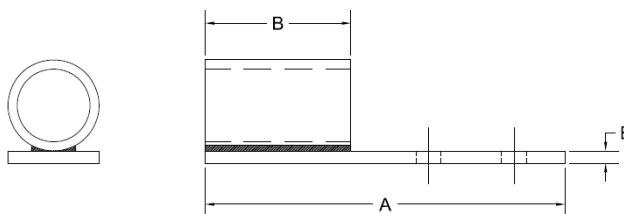
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WELDMENT CONNECTORS

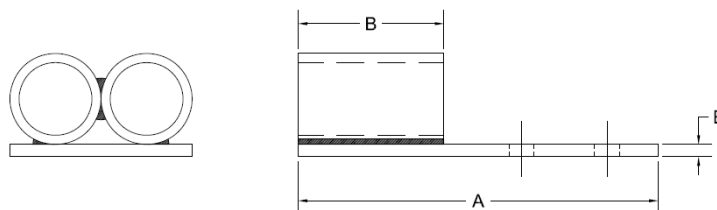
WELDED COMPRESSION LUGS

CABLE TO FLAT

TYPES AWCF & AW2CF



TYPE AWCF
"SINGLE BARREL" STYLE



TYPE AW2CF
"DOUBLE BARREL" STYLE

CATALOG NUMBER	CABLE RANGE		DIMENSIONS (IN INCHES)		
	DECIMAL	MCM OR AWG	A	B	E
AW(2)CF-39-B	.368 - .373	1/0	6.250	2.000	.375
AW(2)CF-45-B	.398 - .418	2/0	6.250	2.000	.375
AW(2)CF-50-B	.447 - .470	3/0	6.250	2.000	.375
AW(2)CF-56-B	.502 - .528	4/0	6.250	2.000	.375
AW(2)CF-63-B	.563 - .593	250 – 266.8	6.250	2.000	.375
AW(2)CF-63-C	.563 - .593	250 – 266.8	6.250	2.000	.375
AW(2)CF-67-B	.625 - .670	300 – 336.4	6.250	2.000	.375
AW(2)CF-67-C	.625 - .670	300 – 336.4	6.250	2.000	.375
AW(2)CF-72-B2	.666 - .684	336.4 – 350	6.250	2.000	.375
AW(2)CF-72-C	.666 - .684	336.4 – 350	6.250	2.000	.375
AW(2)CF-78-B	.721 - .728	397.5 – 400	6.250	2.000	.375
AW(2)CF-78-C	.721 - .728	397.5 – 400	6.250	2.000	.375
AW(2)CF-83-B	.772 - .795	450 – 477	6.250	2.000	.375
AW(2)CF-83-C	.772 - .795	450 – 477	6.250	2.000	.375
AW(2)CF-88-B	.806 - .846	500	6.250	2.000	.375
AW(2)CF-88-C	.806 - .846	500	6.250	2.000	.375
AW(2)CF-92-B2	.855 - .883	550 – 556.5	6.250	2.000	.500
AW(2)CF-82-C	.855 - .883	550 – 556.5	6.250	2.000	.500
AW(2)CF-97-B2	.891 - .930	600 – 650	6.250	2.000	.500
AW(2)CF-97-C	.891 - .930	600 - 650	6.250	2.000	.500



JOHNSON CONNECTOR

WELDMENT CONNECTORS

WELDED COMPRESSION LUGS

CABLE TO FLAT

TYPES AWCF & AW2CF

(CONTINUED)

CATALOG NUMBER	CABLE RANGE		DIMENSIONS (IN INCHES)		
	DECIMAL	MCM OR AWG	A	B	E
AW(2)CF-103-B2	.953 - .977	700 – 715.5	6.250	2.000	.500
AW(2)CF-103-C	.953 - .977	700 – 715.5	6.250	2.000	.500
AW(2)CF-106-B2	.990 – 1.028	750 – 795	6.250	2.000	.500
AW(2)CF-106-C	.990 – 1.028	750 – 795	6.250	2.000	.500
AW(2)CF-113-B2	1.031 – 1.081	800 – 874.5	6.250	2.000	.500
AW(2)CF-113-C	1.031 – 1.081	800 – 874.5	6.250	2.000	.500
AW(2)CF-117-B2	1.093 – 1.125	900 – 954	6.250	2.000	.500
AW(2)CF-117-C	1.093 – 1.125	900 – 954	6.250	2.000	.500
AW(2)CF-123-B2	1.140 – 1.172	1000 – 1033.5	6.250	2.000	.500
AW(2)CF-123-C	1.140 – 1.172	1000 – 1033.5	6.250	2.000	.500
AW(2)CF-129-B2	1.209 – 1.246	1100 – 1113	6.750	2.500	.750
AW(2)CF-129-D	1.209 – 1.246	1000 – 1113	7.750	2.500	.750
AW(2)CF-136-B2	1.263 – 1.315	1200 – 1300	6.750	2.500	.750
AW(2)CF-136-D	1.263 – 1.315	1200 – 1300	7.750	2.500	.750
AW(2)CF-147-B2	1.364 – 1.412	1400 – 1500	6.750	2.500	.750
AW(2)CF-147-D	1.364 – 1.412	1400 – 1500	7.750	2.500	.750
AW(2)CF-155-D	1.454 – 1.504	1590 – 1700	7.750	2.500	.750
AW(2)CF-162-D	1.526 – 1.590	1750 – 1900	7.750	2.500	.750
AW(2)CF-172-D	1.630 – 1.631	2000	7.750	2.500	.750
AW(2)CF-188-D	1.762 – 1.824	2500	7.750	2.500	1.000



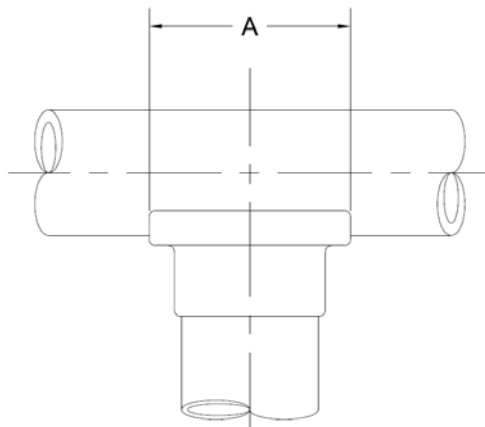
JOHNSON CONNECTOR

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WELDMENT CONNECTORS

90° "T" STYLE
TUBE TO TUBE
TYPE AWTT



CATALOG NUMBER	CONDUCTOR SIZE (IPS)		DIMENSIONS (INCHES)
	MAIN	TAP	A
AWTT-0606	.750	.750	2.500
AWTT-1006	1.000	.750	3.000
AWTT-1010	1.000	1.000	3.000
AWTT-1206	1.250	.750	3.000
AWTT-1210	1.250	1.000	3.000
AWTT-1212	1.250	1.250	3.250
AWTT-1406	1.500	.750	2.563
AWTT-1410	1.500	1.000	3.000
AWTT-1414	1.500	1.500	3.500
AWTT-2004	2.000	.500	3.000
AWTT-2006	2.000	.750	3.250
AWTT-2010	2.000	1.000	3.250
AWTT-2012	2.000	1.250	3.250
AWTT-2020	2.000	2.000	4.000
AWTT-2406	2.500	.750	2.500
AWTT-2412	2.500	1.250	3.250
AWTT-2414	2.500	1.500	3.500
AWTT-2424	2.500	2.500	4.000
AWTT-3006	3.000	.750	2.875
AWTT-3014	3.000	1.500	3.500
AWTT-3020	3.000	2.000	4.000



JOHNSON CONNECTOR

WELDMENT CONNECTORS

90° "T" STYLE
TUBE TO TUBE
TYPE AWTT
(CONTINUED)

CATALOG NUMBER	CONDUCTOR SIZE (IPS)		DIMENSIONS (INCHES)
	MAIN	TAP	A
AWTT-3030	3.000	3.000	4.438
AWTT-3060	3.000	6.000	7.688
AWTT-3406	3.500	.750	2.500
AWTT-3420	3.500	2.000	4.250
AWTT-3424	3.500	2.500	4.375
AWTT-3434	3.500	3.500	5.500
AWTT-4020	4.000	2.000	4.000
AWTT-4024	4.000	2.500	4.375
AWTT-4030	4.000	3.000	5.125
AWTT-4040	4.000	4.000	6.000
AWTT-5020	5.000	2.000	4.000
AWTT-5030	5.000	3.000	5.125
AWTT-5040	5.000	4.000	6.125
AWTT-5050	5.000	5.000	7.375
AWTT-6006	6.000	.750	2.875
AWTT-6014	6.000	1.500	3.438
AWTT-6020	6.000	2.000	4.000
AWTT-6030	6.000	3.000	5.438
AWTT-6040	6.000	4.000	6.125
AWTT-6060	6.000	6.000	7.688



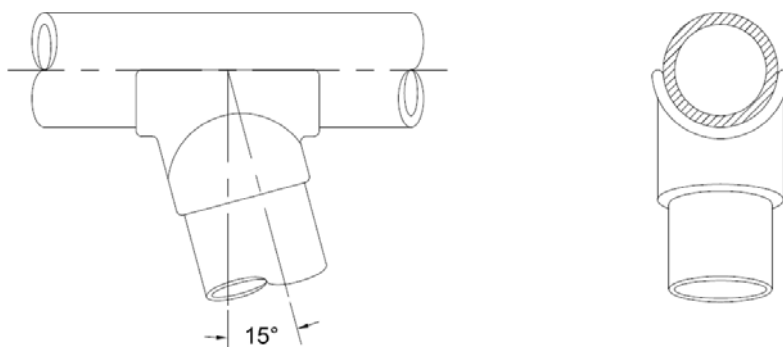
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WELDMENT CONNECTORS

MULTI-ANGLE "V" STYLE
TUBE TO TUBE
TYPE AWTT-15



NOTE: FOR ANGLES NOT LISTED, SUBSTITUTE THE "-15" OF THE CATALOG NUMBER FOR THE DESIRED ANGLE. (EX: AWTT-30-1212 FOR 30°)

CATALOG NUMBER	CONDUCTOR SIZE (IPS)	
	MAIN	TAP
AWTT-15-1212	1.250	1.250
AWTT-15-1410	1.500	1.000
AWTT-15-1412	1.500	1.250
AWTT-15-2010	2.000	1.000
AWTT-15-2012	2.000	1.250
AWTT-15-2014	2.000	1.500
AWTT-15-2020	2.000	2.000
AWTT-15-2410	2.500	1.000
AWTT-15-2412	2.500	1.250
AWTT-15-2420	2.500	2.000
AWTT-15-3012	3.000	1.250
AWTT-15-3014	3.000	1.500
AWTT-15-3020	3.000	2.000
AWTT-15-3024	3.000	2.500
AWTT-15-3030	3.000	3.000
AWTT-15-3412	3.500	1.250
AWTT-15-3414	3.500	1.500
AWTT-15-3420	3.500	2.000
AWTT-15-3424	3.500	2.500
AWTT-15-4014	4.000	1.500
AWTT-15-4020	4.000	2.000
AWTT-15-4024	4.000	2.500
AWTT-15-4030	4.000	3.000
AWTT-15-5020	5.000	2.000
AWTT-15-5024	5.000	2.500
AWTT-15-5030	5.000	3.000
AWTT-15-6030	6.000	3.000
AWTT-15-6040	6.000	4.000



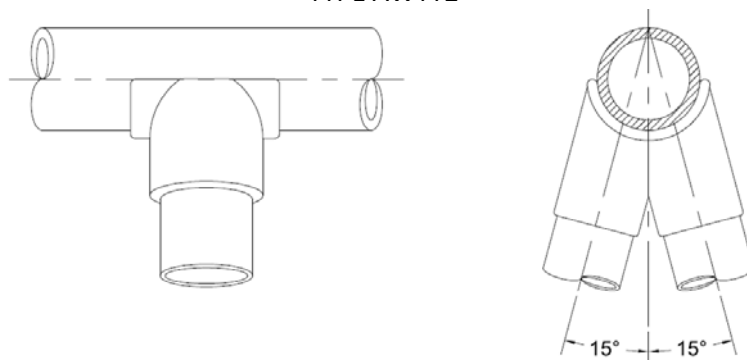
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WELDMENT CONNECTORS

MULTI-ANGLE "A"-FRAME STYLE
TWO TUBES TAP TO ONE TUBE
TYPE AWTT2



NOTE: FOR ANGLES NOT LISTED, SUBSTITUTE THE "-15" OF THE CATALOG NUMBER FOR THE DESIRED ANGLE. (EX: AWTT2-30-1210 FOR 30°)

CATALOG NUMBER	CONDUCTOR SIZE (IPS)	
	MAIN	TAP
AWTT2-15-1210	1.250	1.000
AWTT2-15-1410	1.500	1.000
AWTT2-15-1412	1.500	1.250
AWTT2-15-2010	2.000	1.000
AWTT2-15-2012	2.000	1.250
AWTT2-15-2014	2.000	1.500
AWTT2-15-2020	2.000	2.000
AWTT2-15-2412	2.500	1.250
AWTT2-15-2414	2.500	1.500
AWTT2-15-2420	2.500	2.000
AWTT2-15-2424	2.500	2.500
AWTT2-15-3012	3.000	1.250
AWTT2-15-3014	3.000	1.500
AWTT2-15-3020	3.000	2.000
AWTT2-15-3024	3.000	2.500
AWTT2-15-3030	3.000	3.000
AWTT2-15-3412	3.500	1.250
AWTT2-15-3414	3.500	1.500
AWTT2-15-3420	3.500	2.000
AWTT2-15-3424	3.500	2.500
AWTT2-15-4014	4.000	1.500
AWTT2-15-4020	4.000	2.000
AWTT2-15-4024	4.000	2.500
AWTT2-15-4030	4.000	3.000
AWTT2-15-5020	5.000	2.000
AWTT2-15-5024	5.000	2.500
AWTT2-15-5030	5.000	3.000
AWTT2-15-6030	6.000	3.000
AWTT2-15-6040	6.000	4.000



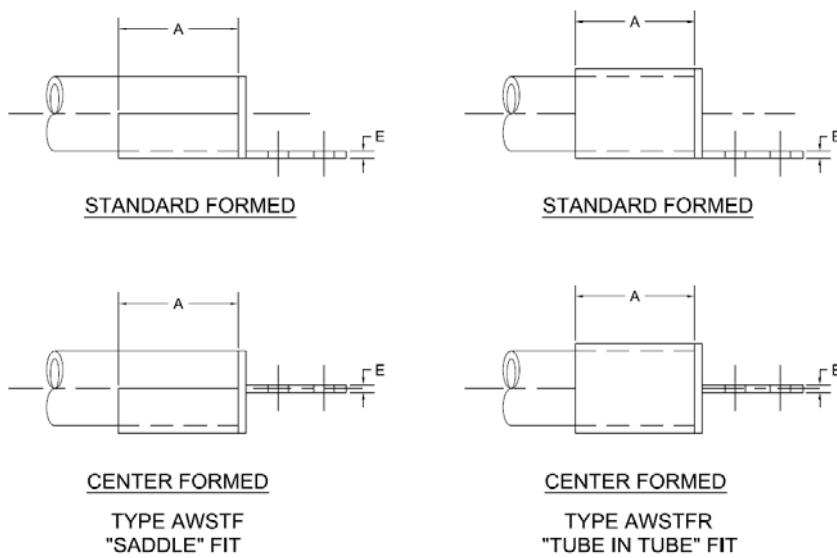
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WELDMENT CONNECTORS

TUBE END TAP STYLE
TUBE TO FLAT
TYPES AWST & AWSTFR



MATERIAL: ALUMINUM

NOTE: FOR CENTER FORMED PADS, ADD SUFFIX "-CF" TO CAT. NO.
FOR ANGLED CONNECTORS, ADD ANGLE (AS SUFFIX) TO CAT. NO.

CATALOG NUMBER	TUBE SIZE	DIMENSION (INCHES)	
		A	E
AWSTF(R)10-B2	1.000	1.750	.375
AWSTF(R)10-C	1.000	1.750	1.750
AWSTF(R)12-B2	1.250	1.750	1.750
AWSTF(R)12-C	1.250	1.750	1.750
AWSTF(R)14-B2	1.500	1.750	.500
AWSTF(R)14-C	1.500	1.750	.375
AWSTF(R)20-B2	2.000	1.750	.500
AWSTF(R)20-C	2.000	1.750	.3750
AWSTF(R)20-D	2.000	1.750	.500
AWSTF(R)24-B2	2.500	3.750	.625
AWSTF(R)24-C	2.500	3.750	.625
AWSTF(R)24-D	2.500	3.750	.500
AWSTF(R)30-B2	3.000	3.000	.750
AWSTF(R)30-C	3.000	3.000	.625
AWSTF(R)30-D	3.000	3.000	.625
AWSTF(R)34-C	3.500	3.250	.625
AWSTF(R)34-D	3.500	3.250	.750
AWSTF(R)40-C	4.000	3.000	.625
AWSTF(R)40-D	4.000	3.000	.750
AWSTF(R)50-C	5.000	4.000	1.000
AWSTF(R)50-D	5.000	4.000	1.000
AWSTF(R)60-D	6.000	5.000	1.000



JOHNSON CONNECTOR

A Harry C. Johnson Company

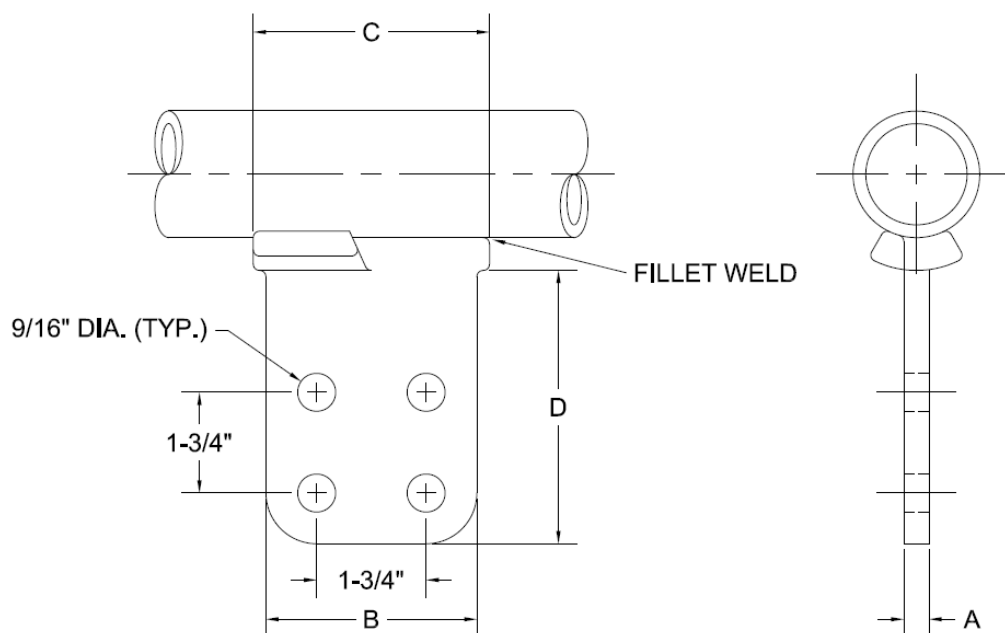
johnsonconnector@bellsouth.net

WELDMENT CONNECTORS

ALUMINUM RANGE TAKING TEE CONNECTOR

TUBE TO FLAT

TYPES AWTTFR



MATERIAL: 356-T6 ALUMINUM ALLOY

CATALOG NUMBER	CONDUCTOR IPS / EHIPS	DIMENSIONS (INCHES)			
		A	B	C	D
AWTTFR-10-24-B2	1.000 – 2.500	.750	2.000	2.750	3.250
AWTTFR-10-24-C	1.000 – 2.500	.750	3.000	3.875	3.250
AWTTFR-10-24-D	1.000 – 2.500	.750	4.000	5.250	4.250
AWTTFR-30-60-B2	3.000 – 6.000	.750	2.000	3.000	3.250
AWTTFR-30-60-C	3.000 – 6.000	.750	3.000	4.250	3.250
AWTTFR-30-60-D	3.000 – 6.000	.750	4.000	5.250	4.250



JOHNSON CONNECTOR

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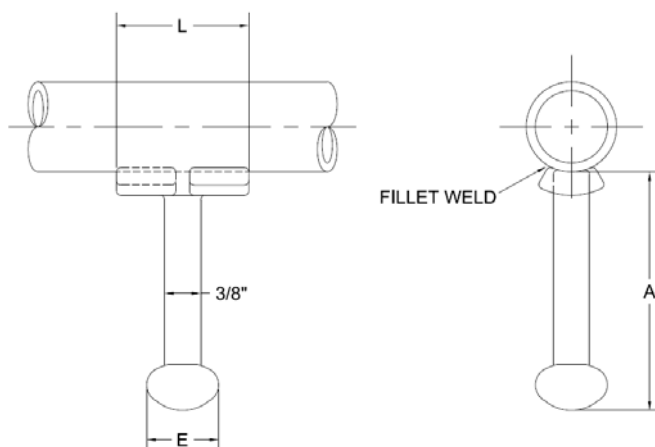
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WELDMENT CONNECTORS

EXTENSION STUDS FOR HOT CLAMPS

TUBE TO STUD

TYPE AWTESR



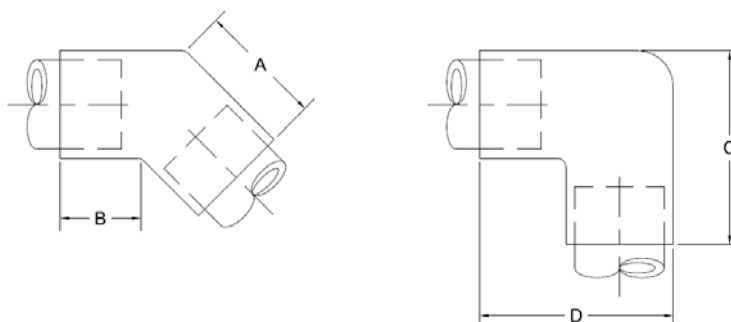
MATERIAL: CASTING – 356-T6 ALUMINUM ALLOY

CATALOG NUMBER	BUS SIZE (I.P.S.)	DIMENSIONS (INCHES)		
		A	L	E
AWTESR – 1024	1.000 – 2.500	7.375	2.000	1.625
AWTESR – 3060	3.000 – 6.000	7.500	2.000	1.625

45° AND 90° TUBE ELBOWS

TUBE TO TUBE

TYPE AWLI



MATERIAL: CASTING – 356-T6 ALUMINUM ALLOY

CATALOG NUMBER		CONDUCTOR SIZE		DIMENSIONS (INCHES)			
45°	90°	MAIN	TAP	A	B	C	D
AWLI45-1010	AWLI90-1010	1.000	1.000	1.000	1.000	3.000	2.531
AWLI45-2020	AWLI90-2020	2.000	2.000	2.000	2.000	5.000	4.563
AWLI45-3030	AWLI90-3030	3.000	3.000	3.000	3.000	7.000	6.718
AWLI45-3434	AWLI90-3434	3.500	3.500	2.000	2.000	8.000	7.750
AWLI45-4040	AWLI90-4040	4.000	4.000	2.500	2.500	8.500	8.750
AWLI45-6060	AWLI90-6060	6.000	6.000	6.000	6.000	12.500	12.500

**JOHNSON CONNECTOR**

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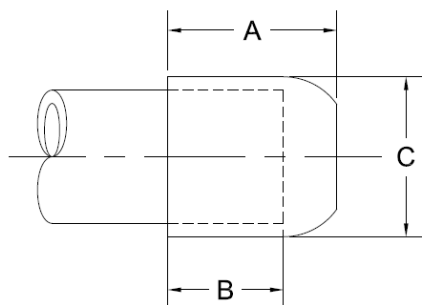
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WELDMENT CONNECTORS

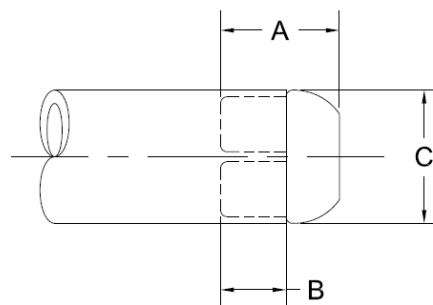
INTERNAL AND EXTERNAL CORONA BELLS

TUBES ONLY

TYPES AACB, AACBI & AACBIH



EXTERNAL STYLE
TYPE AACB



INTERNAL STYLE
TYPE AACBI & AACBIH

EXTERNAL TYPE				
CATALOG NUMBER	I.P.S. TUBE	DIMENSIONS (INCHES)		
		A	B	C
AACB-04	.500	1.250	.750	1.250
AACB-06	.750	1.375	.875	1.563
AACB-10	1.000	1.625	1.125	2.000
AACB-12	1.250	2.000	1.250	2.500
AACB-14	1.500	2.188	1.375	2.750
AACB-20	2.000	2.250	1.500	3.250
AACB-24	2.500	2.500	1.625	3.750
AACB-30	3.000	3.000	1.875	4.500
AACB-34	3.500	3.125	2.000	5.000
AACB-40	4.000	3.750	2.250	5.250

EXTERNAL TYPE				
CATALOG NUMBER	I.P.S. TUBE	DIMENSIONS (INCHES)		
		A	B	C
AACBI-04	.500	1.125	1.000	.875
AACBI-06	.750	1.250	1.000	1.062
AACBI-10	1.000	1.500	1.000	1.312
AACBI-12	1.250	2.125	1.250	1.688
AACBI-14	1.500	2.250	1.500	1.938
AACBI-20	2.000	2.500	1.500	2.375
AACBI-24	2.500	2.750	1.750	2.875
AACBI-30	3.000	3.250	2.000	3.500
AACBI-34	3.500	3.500	2.250	4.000
AACBI-40	4.000	3.750	2.250	4.500
AACBI-50	5.000	4.000	2.500	5.563



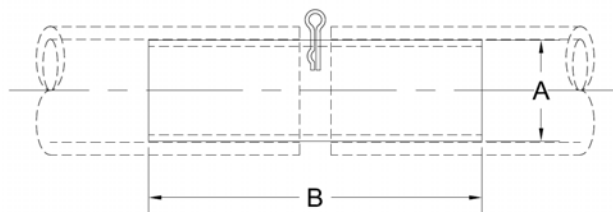
JOHNSON CONNECTOR

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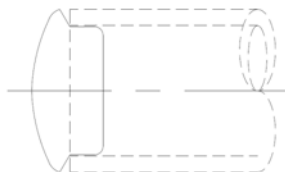
WELDMENT CONNECTORS

INTERNAL COUPLER
TUBE TO TUBE
TYPES AWC I & AWC I H



CATALOG NUMBER		CONDUCTOR IPS SIZE EITHER END	DIMENSIONS (INCHES)	
SPS TUBE	EHPS TUBE		A	B
AWCI-2020	AWCIH-2020	2.000	2.000	12.000
AWCI-2424	AWCIH-2424	2.500	2.406	15.000
AWCI-3030	AWCIH-3030	3.000	3.000	18.000
AWCI-3434	AWCIH-3434	3.500	3.469	21.000
AWCI-4040	AWCIH-4040	4.000	3.969	24.000
AWCI-5050	AWCIH-5050	5.000	4.969	24.000
AWCI-6060	AWCIH-6060	6.000	6.000	24.000

END PLUG
TUBES ONLY
TYPES AWEB & AWEBH



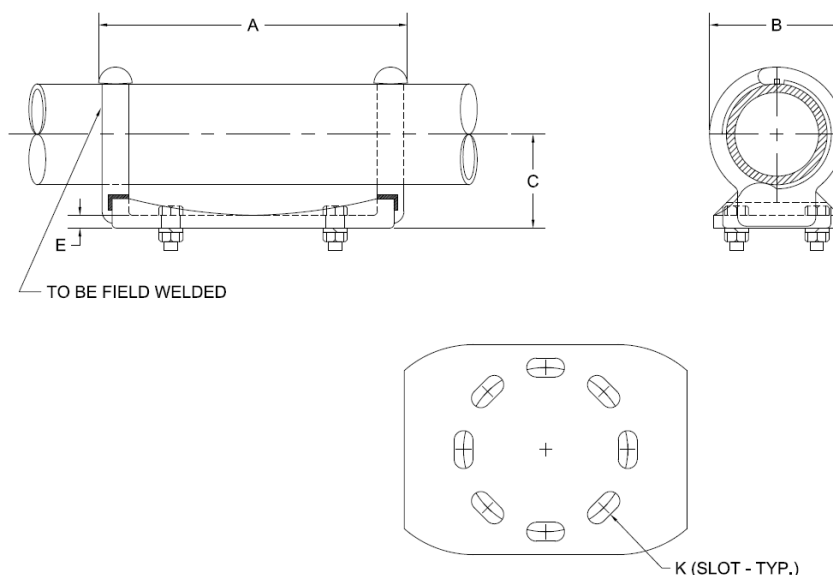
CATALOG NUMBER		TUBE SIZE
SCH-40	SCH-80	
AWEB-04	AWEBH-04	.500
AWEB-06	AWEBH-06	.750
AWEB-10	AWEBH-10	1.000
AWEB-12	AWEBH-12	1.250
AWEB-14	AWEBH-14	1.500
AWEB-20	AWEBH-20	2.000
AWEB-24	AWEBH-24	2.500
AWEB-30	AWEBH-30	3.000
AWEB-34	AWEBH-34	3.500
AWEB-40	AWEBH-40	4.000
AWEB-50	AWEBH-50	5.000
AWEB-60	AWEBH-60	6.000



JOHNSON CONNECTOR

WELDMENT CONNECTORS

HOOK ON BUS SUPPORT
TUBES ONLY
TYPE AWTH



3" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	B	C	E	K
AWTH-06-3	.750	6.250	2.125	2.000	.375	.563 x .750
AWTH-10-3	1.000	6.250	2.438	2.000	.375	.563 x .750
AWTH-12-3	1.250	6.250	2.875	2.250	.375	.563 x .750
AWTH-14-3	1.500	6.250	2.875	2.500	.375	.563 x .750
AWTH-20-3	2.000	6.250	4.000	2.750	.375	.563 x .750
AWTH-24-3	2.500	6.250	4.500	3.125	.375	.563 x .750
AWTH-30-3	3.000	6.250	5.250	3.625	.375	.563 x .750
AWTH-34-3	3.500	6.250	5.750	4.000	.375	.563 x .750
AWTH-40-3	4.000	6.250	6.250	4.500	.375	.563 x .750
AWTH-50-3	5.000	6.750	7.312	4.875	.375	.563 x .750
AWTH-60-3	6.000	6.750	8.625	5.375	.375	.563 x .750

5" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	B	C	E	K
AWTH-06-5	.750	8.250	2.125	2.250	.500	.688 x .875
AWTH-10-5	1.000	8.250	2.500	2.250	.500	.688 x .875
AWTH-12-5	1.250	8.250	3.000	2.375	.500	.688 x .875
AWTH-14-5	1.500	8.250	3.438	2.500	.500	.688 x .875
AWTH-20-5	2.000	8.250	4.000	2.750	.500	.688 x .875
AWTH-24-5	2.500	8.250	4.500	3.125	.500	.688 x .875
AWTH-30-5	3.000	8.250	5.250	3.625	.500	.688 x .875
AWTH-34-5	3.500	8.250	5.750	4.000	.500	.688 x .875
AWTH-40-5	4.000	8.750	6.250	4.500	.500	.688 x .875
AWTH-50-5	5.000	8.750	7.500	5.000	.500	.688 x .875
AWTH-60-5	6.000	8.750	8.625	5.500	.500	.688 x .875



JOHNSON CONNECTOR

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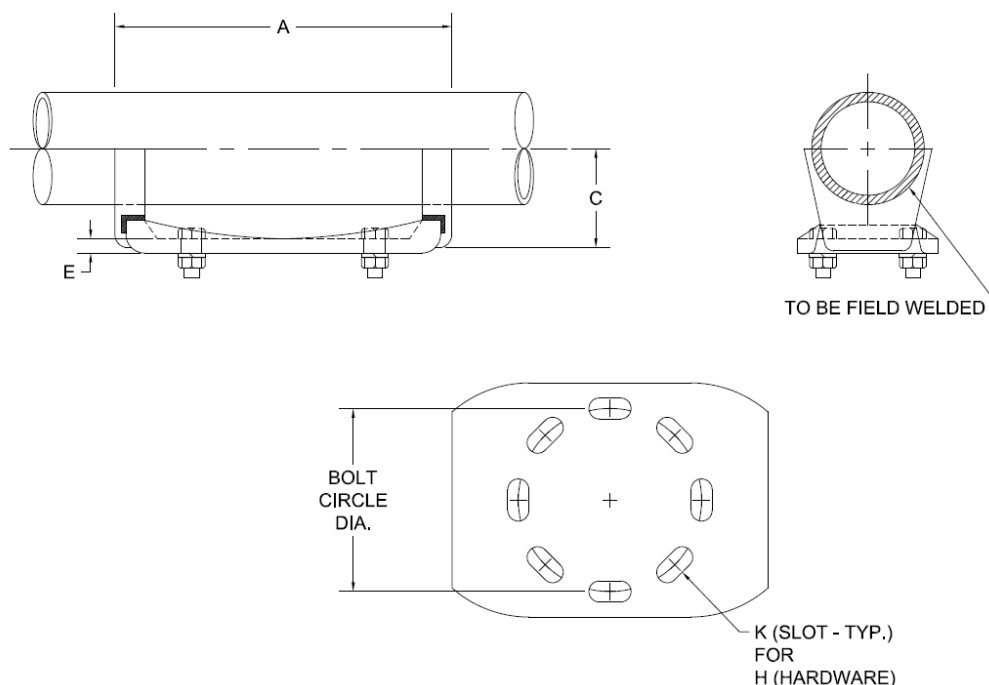
johnsonconnector@bellsouth.net

WELDMENT CONNECTORS

TUBULAR BUS SUPPORTS

TUBES ONLY

TPE AWUR



MATERIAL: CASTINGS – 356-T6 ALUMINUM ALLOY

NOTES: ALL HARDWARE IS HOT DIPPED GALVANIZED
AND INCLUDES APPROPRIATE LOCKWASHERS.ADD SUFFIX “-B” TO CATALOG NUMBER.
FOR MOUNTING HARDWARE.

3" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	E	K	H
AWUR-04-3	.500	6.500	2.000	.375	.563	.500 x 1.000
AWUR-06-3	.750	6.500	2.000	.375	.563	.500 x 1.000
AWUR-10-3	1.000	6.500	2.000	.375	.563	.500 x 1.000
AWUR-12-3	1.250	6.500	2.250	.375	.563	.500 x 1.000
AWUR-14-3	1.500	6.500	2.500	.375	.563	.500 x 1.000
AWUR-20-3	2.000	6.500	2.750	.375	.563	.500 x 1.000
AWUR-24-3	2.500	6.500	3.125	.375	.563	.500 x 1.000
AWUR-30-3	3.000	6.500	3.625	.375	.563	.500 x 1.000
AWUR-34-3	3.500	6.500	4.000	.375	.563	.500 x 1.000
AWUR-40-3	4.000	6.500	4.500	.375	.563	.500 x 1.000
AWUR-50-3	5.000	6.500	5.000	.375	.563	.500 x 1.000
AWUR-60-3	6.000	6.500	5.500	.375	.563	.500 x 1.000

**JOHNSON CONNECTOR**

A Harry C. Johnson Company

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WELDMENT CONNECTORS

TUBULAR BUS SUPPORTS

TUBES ONLY

TPE AWUR

(CONTINUED)

5" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	E	K	H
AWUR-04-5	.500	9.500	2.250	.500	.688	.625 x 1.250
AWUR-06-5	.750	9.500	2.250	.500	.688	.625 x 1.250
AWUR-10-5	1.000	9.500	2.250	.500	.688	.625 x 1.250
AWUR-12-5	1.250	9.500	2.375	.500	.688	.625 x 1.250
AWUR-14-5	1.500	9.500	2.500	.500	.688	.625 x 1.250
AWUR-20-5	2.000	9.500	2.750	.500	.688	.625 x 1.250
AWUR-24-5	2.500	9.500	3.125	.500	.688	.625 x 1.250
AWUR-30-5	3.000	9.500	3.625	.500	.688	.625 x 1.250
AWUR-34-5	3.500	9.500	4.000	.500	.688	.625 x 1.250
AWUR-40-5	4.000	9.500	4.500	.500	.688	.625 x 1.250
AWUR-50-5	5.000	9.500	5.000	.500	.688	.625 x 1.250
AWUR-60-5	6.000	9.500	5.500	.500	.688	.625 x 1.250

7" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	E	K	H
AWUR-04-7	.500	12.000	2.250	.500	.812	.750 x 1.250
AWUR-06-7	.750	12.000	2.250	.500	.812	.750 x 1.250
AWUR-10-7	1.000	12.000	2.250	.500	.812	.750 x 1.250
AWUR-12-7	1.250	12.000	2.375	.500	.812	.750 x 1.250
AWUR-14-7	1.500	12.000	2.500	.500	.812	.750 x 1.250
AWUR-20-7	2.000	12.000	2.750	.500	.812	.750 x 1.250
AWUR-24-7	2.500	12.000	3.125	.500	.812	.750 x 1.250
AWUR-30-7	3.000	12.000	3.625	.500	.812	.750 x 1.250
AWUR-34-7	3.500	12.000	4.000	.500	.812	.750 x 1.250
AWUR-40-7	4.000	12.000	4.500	.500	.812	.750 x 1.250
AWUR-50-7	5.000	12.000	5.000	.500	.812	.750 x 1.250
AWUR-60-7	6.000	12.000	5.500	.500	.812	.750 x 1.250



JOHNSON CONNECTOR

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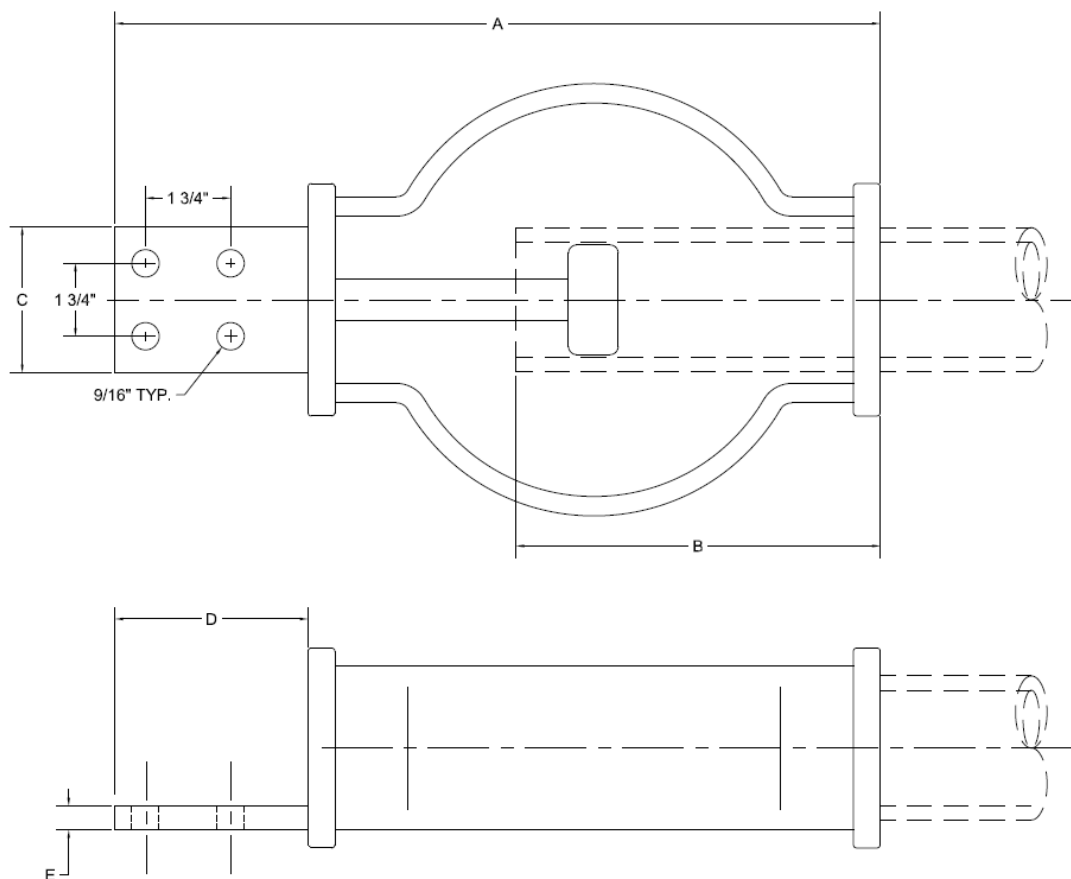
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WELDMENT CONNECTORS

EXPANSION CONNECTOR

TUBE TO FLAT

TYPE AWFTF



NOTE: ADD "CF" SUFFIX TO CATALOG NUMBER FOR CENTER FORMED PAD (i.e. AWFTF-40-D-CF)

CATALOG NUMBER	I.P.S. SIZE SCHEDULE 40	DIMENSIONS (INCHES)				
		A	B	C	D	E
AWFTF-14-C	1.500	13.125	5.625	3.000	3.250	.500
AWFTF-20-C	2.000	13.000	5.500	3.000	3.250	.500
AWFTF-20-D	2.000	14.000	5.500	4.000	4.250	.375
AWFTF-24-C	2.500	13.125	5.625	3.000	3.250	.625
AWFTF-24-D	2.500	14.125	5.625	4.000	4.250	.500
AWFTF-30-C	3.000	13.375	5.875	3.000	3.250	.750
AWFTF-34-D	3.500	14.375	5.625	4.000	4.250	.625
AWFTF-40-C	4.000	13.375	5.875	3.000	3.250	.875
AWFTF-40-D	4.000	14.375	5.875	4.000	4.250	.875
AWFTF-50-C	5.000	13.750	6.125	3.000	3.250	.875
AWFTF-50-D	5.000	14.750	6.125	4.000	4.250	1.000


JOHNSON CONNECTOR

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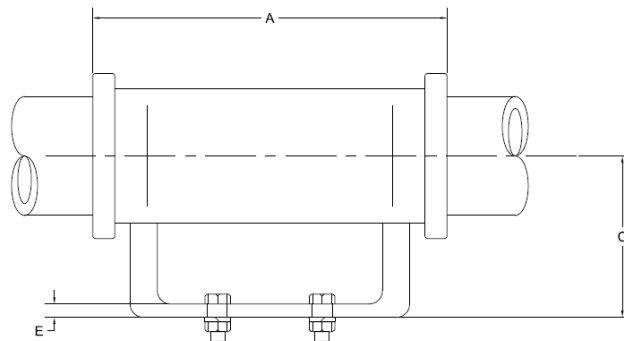
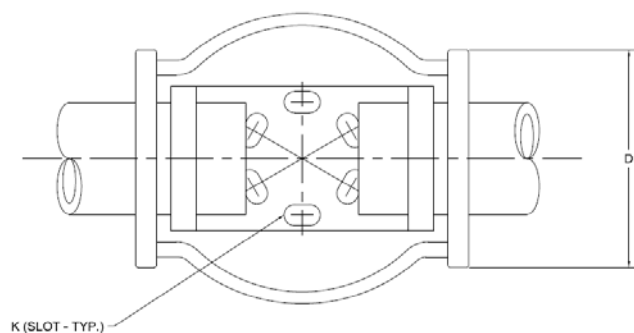
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WELDMENT CONNECTORS

EXPANSION BUS SUPPORT

TUBES ONLY

TYPE AWURF



3" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	D	E	K
AWURF-20-3	2.000	11.000	2.750	4.250	.375	.563 x .750
AWURF-24-3	2.500	11.000	3.125	4.250	.375	.563 x .750
AWURF-30-3	3.000	11.000	3.625	4.250	.375	.563 x .750
AWURF-34-3	3.500	11.000	4.000	4.250	.375	.563 x .750
AWURF-40-3	4.000	11.000	4.500	4.250	.375	.563 x .750
AWURF-50-3	5.000	11.000	4.875	4.250	.375	.563 x .750

5" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	D	E	K
AWURF-20-5	2.000	14.125	2.750	6.250	.500	.688 x .875
AWURF-24-5	2.500	14.125	3.125	6.250	.500	.688 x .875
AWURF-30-5	3.000	14.125	3.625	6.250	.500	.688 x .875
AWURF-34-5	3.500	14.125	4.000	6.250	.500	.688 x .875
AWURF-40-5	4.000	14.375	4.500	6.250	.500	.688 x .875
AWURF-50-5	5.000	14.375	4.875	6.250	.500	.688 x .875

7" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	D	E	K
AWURF-20-7	2.000	16.000	2.750	8.500	.500	.812 x 1.000
AWURF-24-7	2.500	16.000	3.125	8.500	.500	.812 x 1.000
AWURF-30-7	3.000	16.000	3.625	8.500	.500	.812 x 1.000
AWURF-34-7	3.500	16.000	4.000	8.500	.500	.812 x 1.000
AWURF-40-7	4.000	16.000	4.500	8.500	.500	.812 x 1.000
AWURF-50-7	5.000	16.000	4.875	8.500	.500	.812 x 1.000



JOHNSON CONNECTOR

A Harry C. Johnson Company

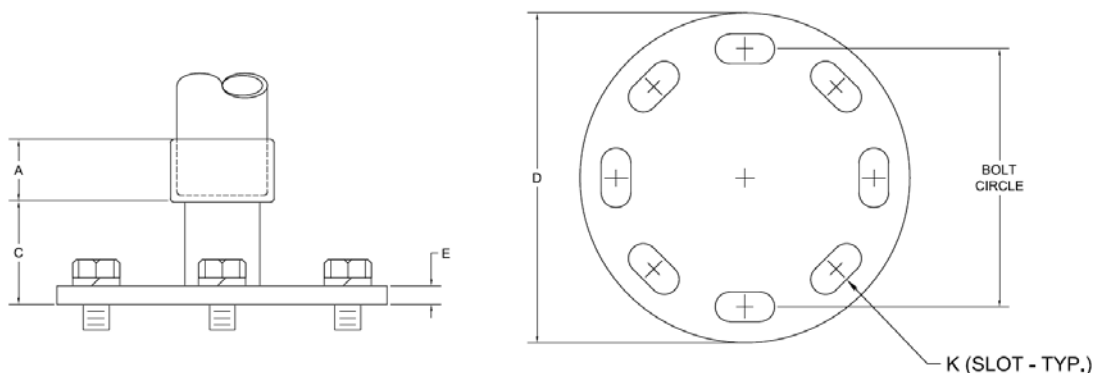
johnsonconnector@bellsouth.net

WELDMENT CONNECTORS

VERTICAL DEAD END FITTINGS

TUBES ONLY

TYPE AWUDE



MATERIAL: BODY – 356-T6 ALUMINUM ALLOY
MOUNTING HARDWARE – GALVANIZED BOLTS AND LOCKWASHERS

3" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	D	E	K
AWUDE-06-3	.750	1.000	1.875	4.250	.375	.563 x .750
AWUDE-10-3	1.000	1.000	1.875	4.250	.375	.563 x .750
AWUDE-12-3	1.250	1.000	1.875	4.250	.375	.563 x .750
AWUDE-14-3	1.500	1.250	2.125	4.250	.375	.563 x .750
AWUDE-20-3	2.000	1.750	2.250	4.250	.375	.563 x .750
AWUDE-24-3	2.500	2.000	2.500	4.250	.375	.563 x .750
AWUDE-30-3	3.000	2.500	2.500	4.250	.375	.563 x .750
AWUDE-34-3	3.500	2.500	2.750	4.250	.375	.563 x .750
AWUDE-40-3	4.000	2.500	2.750	4.250	.375	.563 x .750

5" BOLT CIRCLE BASES						
CATALOG NUMBER	I.P.S. SIZE	DIMENSIONS (INCHES)				
		A	C	D	E	K
AWUDE-06-5	.750	1.000	1.875	6.250	.500	.688 x .875
AWUDE-10-5	1.000	1.000	1.875	6.250	.500	.688 x .875
AWUDE-12-5	1.250	1.000	1.875	6.250	.500	.688 x .875
AWUDE-14-5	1.500	1.250	2.125	6.250	.500	.688 x .875
AWUDE-20-5	2.000	1.750	2.250	6.250	.500	.688 x .875
AWUDE-24-5	2.500	2.000	2.500	6.250	.500	.688 x .875
AWUDE-30-5	3.000	2.500	2.500	6.250	.500	.688 x .875
AWUDE-34-5	3.500	2.500	2.750	6.250	.500	.688 x .875
AWUDE-40-5	4.000	2.500	2.750	6.250	.500	.688 x .875



JOHNSON CONNECTOR

A Harry C. Johnson Company

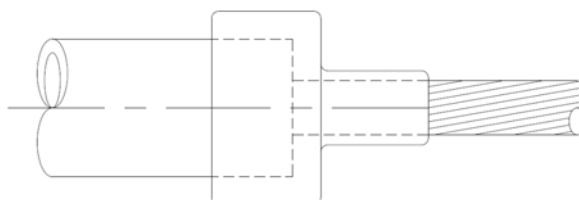
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WELDMENT CONNECTORS

ALUMINUM REDUCER (IN-LINE)

TUBE TO CABLE

TYPE AWSTC



MATERIAL: BODY – EC GRADE ALUMINUM

NOTE: TO ORDER, USE THE SMALLER TABLE FOR THE CATALOG NUMBER PREFIX (BUS SIZE) AND USE THE LARGER TABLE FOR THE CATALOG NUMBER SUFFIX (BARREL SIZE) (EX: FOR A 1" TUBE TO #2 CABLE {AWSTC-10-316}).

NO BOLTS OR COMPRESSION IS NEEDED DURING INSTALLATION. SIMPLY PUDDLE WELD THE CABLE INTO THE CONNECTOR AND THEN TO THE BUS.

CATALOG NUMBER	I.P.S. SIZE
AWSTC-06	.750
AWSTC-10	1.000
AWSTC-12	1.250
AWSTC-14	1.500
AWSTC-20	2.000
AWSTC-24	2.500
AWSTC-30	3.000
AWSTC-34	3.500
AWSTC-40	4.000
AWSTC-50	5.000
AWSTC-60	6.000

BARREL SIZE	CONDUCTOR SIZE											
	ACSR – AWG OR MCM								ALUMINUM – AWG OR MCM			
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91
316	#2	-	-	-	-	-	-	#2	-	-	-	-
372	-	-	-	-	-	-	-	1/0	1/0	-	-	-
398	1/0	-	-	-	-	-	-	-	-	-	-	-
418	-	-	-	-	-	-	-	2/0	2/0	-	-	-
447	2/0	-	-	-	-	-	-	-	-	-	-	-
470	-	-	-	-	-	-	-	3/0	3/0	-	-	-
527	3/0	-	-	-	-	-	-	4/0	4/0	-	-	-
593	4/0	-	-	-	-	-	-	266.8	266.8	-	-	-
630	-	266.8	-	-	-	-	-	300	300	-	-	-
646	-	300	-	266.8	-	-	-	-	-	-	-	-
677	-	-	336.4	-	-	-	-	-	336.4	336.4	-	-
684	-	336.4	-	300	-	-	-	-	350	350	-	-
736	-	397.5	397.5	336.4	-	-	-	-	397.5 400	400	-	-
795	-	-	-	397.5	-	-	-	-	477	477	-	-
814	-	477	477	-	-	-	-	-	500	500	-	-
858	-	-	-	477	-	-	-	-	556.5	556.5	550	-
893	-	556.5	556.5	-	-	-	-	-	-	-	600	-



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WELDMENT CONNECTORS

ALUMINUM REDUCER (IN-LINE)

TUBE TO CABLE

TYPE AWSTC

(CONTINUED)

BARREL SIZE	CONDUCTOR SIZE											
	ACSR – AWG OR MCM							ALUMINUM – AWG OR MCM				
	6/1	18/1	36/1	26/7	45/7	54/7	54/19	7	19	37	61	91
930	-	636	605 636	556.5	-	-	-	-	-	636	636 650	-
966	-	-	666.6	605	-	605	-	-	-	-	700	700
990	-	-	715.5-	636	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	666.6	-	-	-	750	750	750
1036	-	-	-	-	-	715.5	-	-	-	795	795 800	-
1051	-	-	795	715.5	-	-	-	-	-	-	-	-
1063	-	-	-	-	795	-	-	-	-	-	-	-
1091	-	-	874.5	-	-	795	-	-	-	874.5	874.5 900	900
1108	-	-	-	795	-	-	-	-	-	-	-	-
1162	-	-	-	-	-	-	-	-	-	954	954	-
1171	-	-	-	-	954	900	-	-	-	1033.5	1000 1033.5	1000
1216	-	-	-	-	1033.5	954	-	-	-	-	1113	-
1246	-	-	-	-	1113	1033.5	-	-	-	-	-	-
1299	-	-	-	-	1192.5	-	1113	-	-	-	1272	-
1424	-	-	-	-	1272	1351.5	1272	-	-	-	1272	-
1465	-	1431	-	-	-	1510.5	1431	-	-	-	1590	-
1545	-	1590	-	-	-	-	1590	-	-	-	-	-
1762	2156 MCM-84/19 ACSR, 2335.4-127 STR. ALUMINUM											
1824	2500 MCM-127 STR. ALUMINUM											
1996	3000 MCM-127 STR. ALUMINUM											
2160	3500 MCM-127 STR. ALUMINUM											



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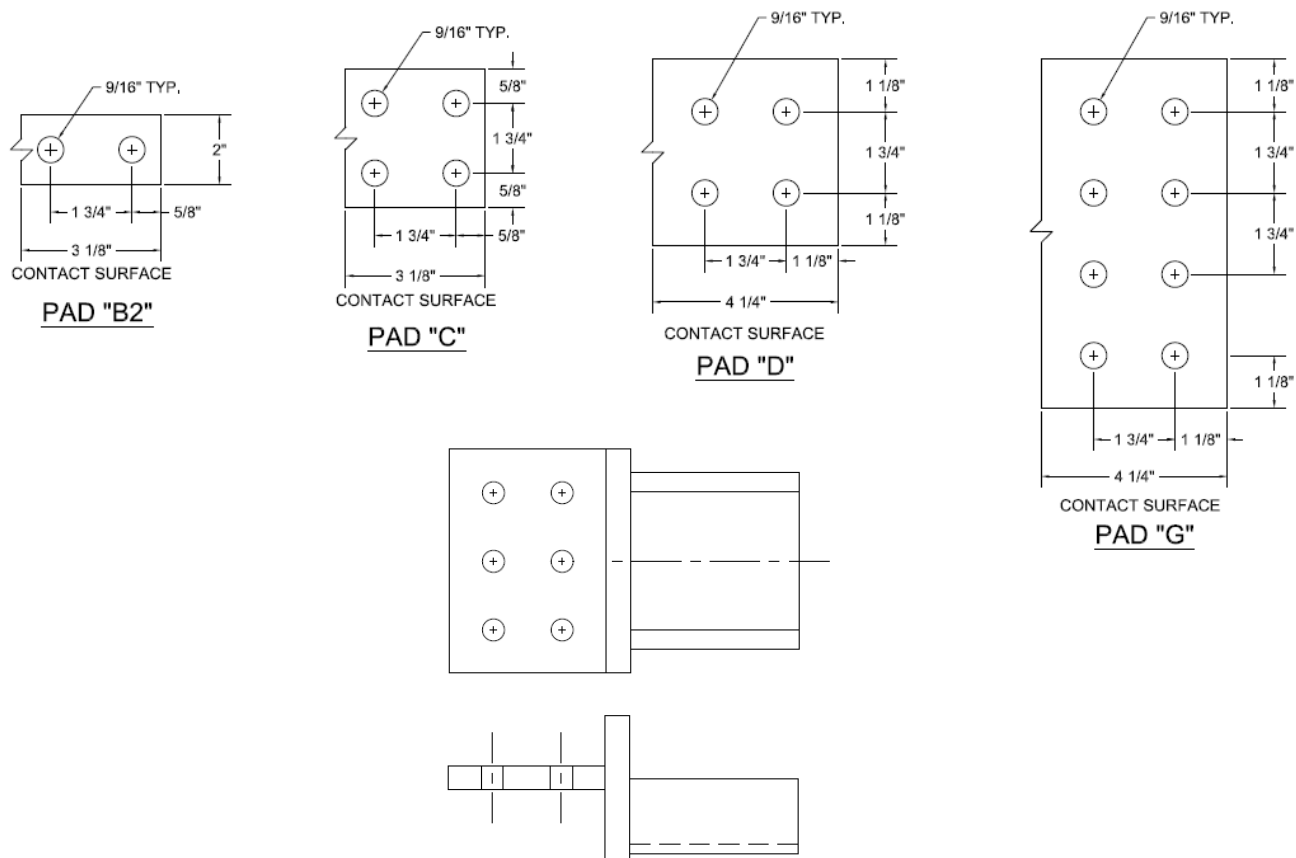
johnsonconnector@bellsouth.net

WELDMENT CONNECTORS

STRAIGHT CONNECTOR FOR INTEGRAL WEB BUS

TUBES ONLY

TYPE IWSTF



MATERIAL: ALUMNUM

NOTE: IF PAD IS TO BE OFFSET, INCLUDE THE OFFSET DISTANCE
AT THE END OF THE CATALOG NUMBER (AS A SUFFIX)

CATALOG NUMBER	BUS SIZE	PAD SIZE
IWSTF-44-	4.000 x 4.000	B, C & D
IWSTF-64-	6.000 x 4.000	B, C & D
IWSTF-65-	6.000 x 5.000	B, C & D
IWSTF-66-	6.000 x 6.000	B, C & D
IWSTF-77-	7.000 x 7.000	B, C & D
IWSTF-85-	8.000 x 5.000	B, C & D
IWSTF-88-	8.000 x 8.000	B, C, D & G
IWSTF-99-	9.000 x 9.000	B, C, D & G
IWSTF-1010-	10.000 x 10.000	B, C, D & G
IWSTF-1111-	11.000 x 11.000	B, C, D & G
IWSTF-1212-	12.000 x 12.000	B, C, D & G



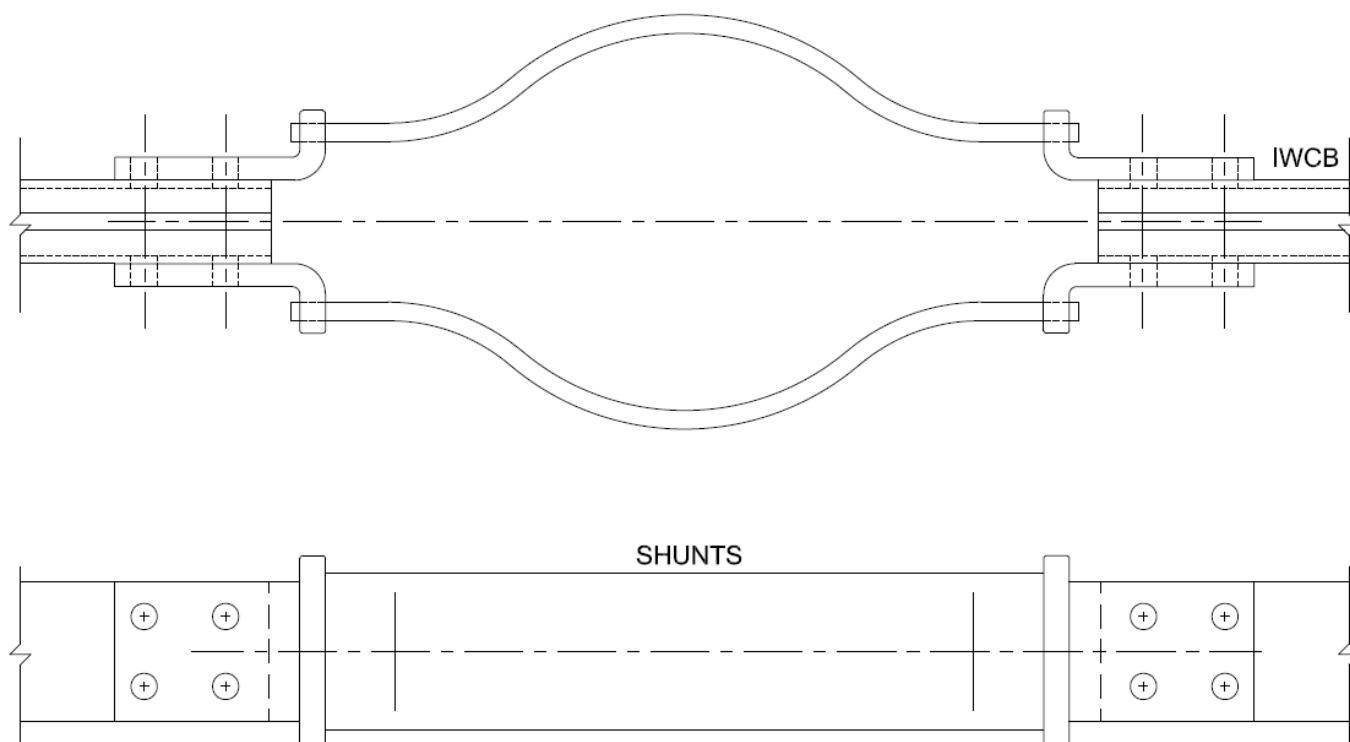
JOHNSON CONNECTOR

WELDMENT CONNECTORS

EXPANSION CONNECTOR (ALL INTEGRAL WEB BUS SIZES)

TUBE TO TUBE

TYPE AIWX



MATERIAL: ALUMINUM

NOTES: MAXIMUM CURRENT CAPACITY = 3000 AMPS

ALL HOLES ARE DRILLED TO NEMA STANDARDS (UNLESS OTHERWISE SPECIFIED).

SHUNTS ARE 1100-0 GRADE – 1/32" x 4"

FOR OTHER PAD SIZES, PLEASE CONTACT SALES.



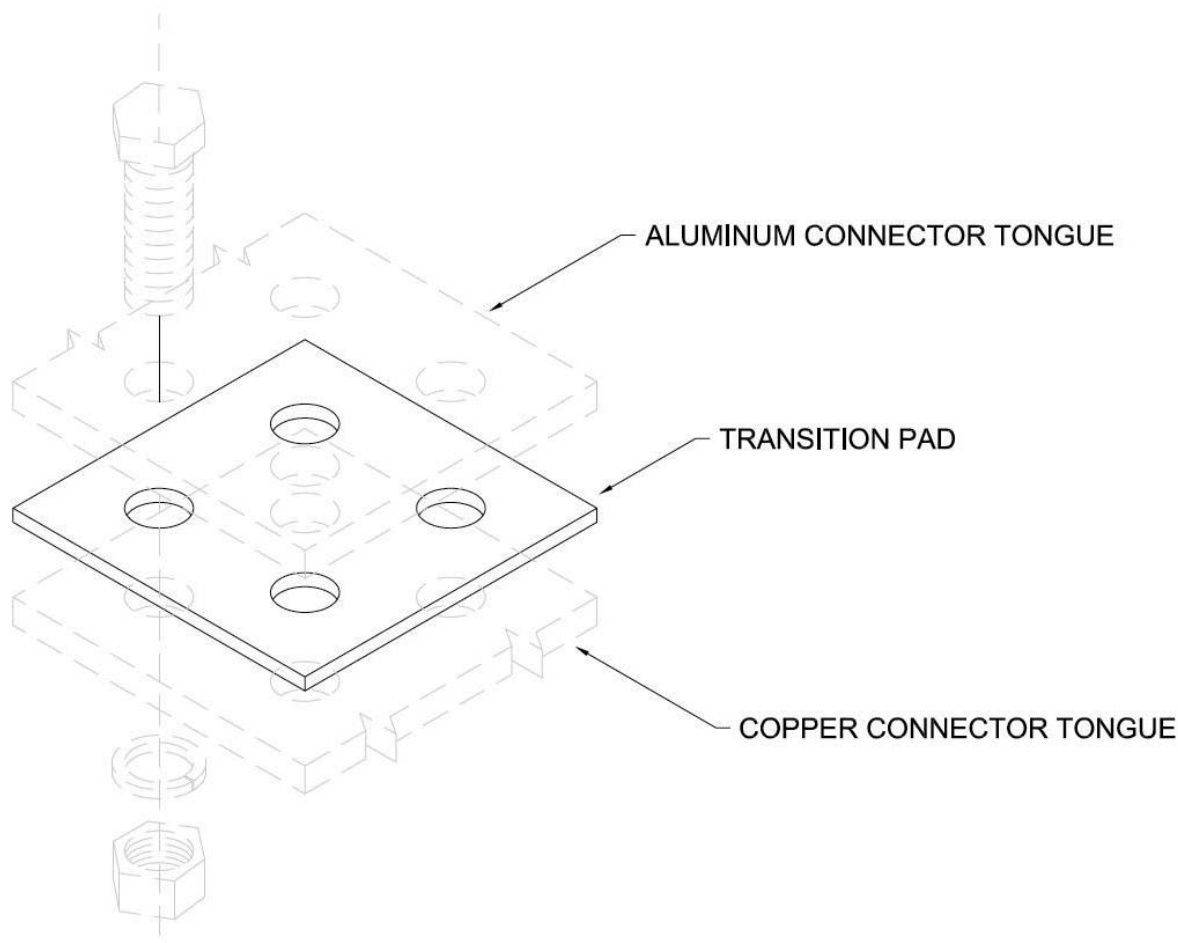
JOHNSON CONNECTOR

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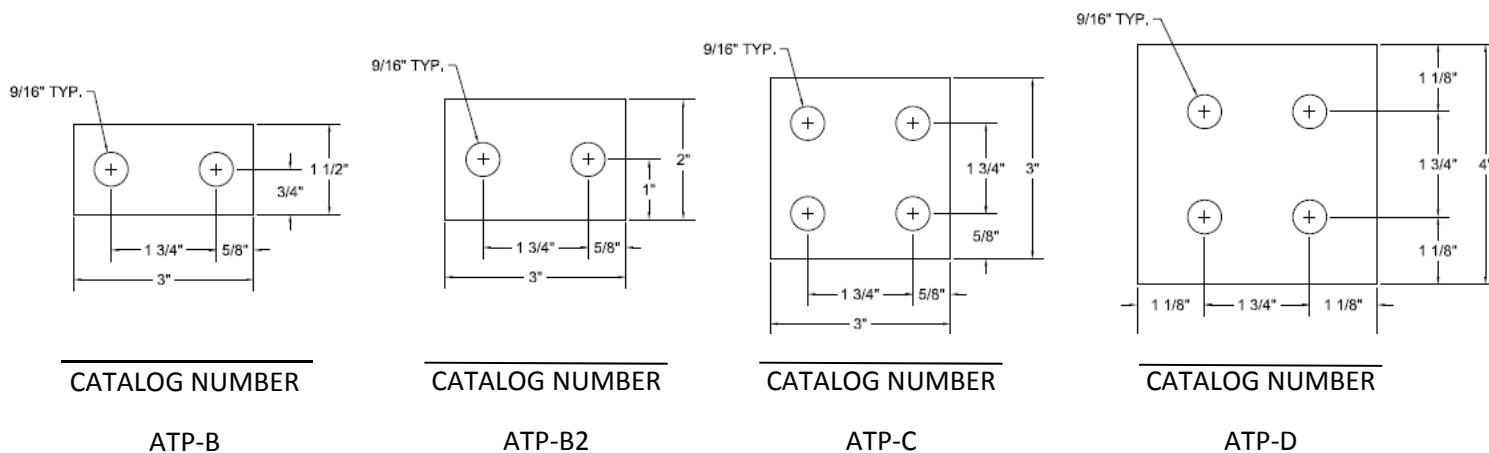
johnsonconnector@bellsouth.net

MISCELLANEOUS CONNECTORS

BI-METALLIC TRANSITION PLATES
FOR ALUMINUM TO COPPER NEMA DRILLED PADS
TYPE ATP



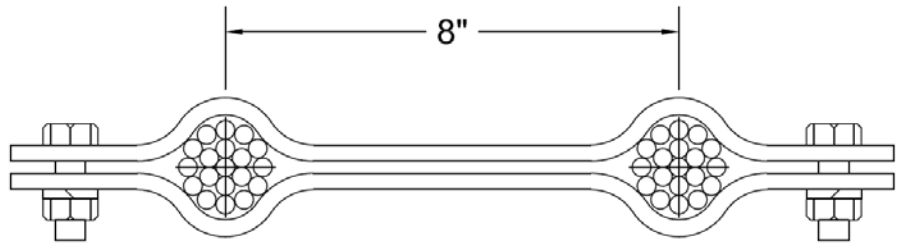
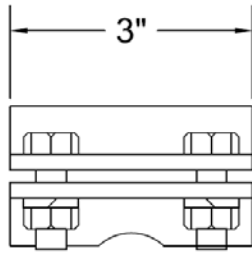
NOTE: ALUMINUM AND COPPER SHEETS ARE MOLECULARLY BONDED IN A RATIO OF 85:15 RESPECTIVELY TO PRODUCE AN OVERALL THICKNESS OF 1/16".



JOHNSON CONNECTOR

MISCELLANEOUS CONNECTORS

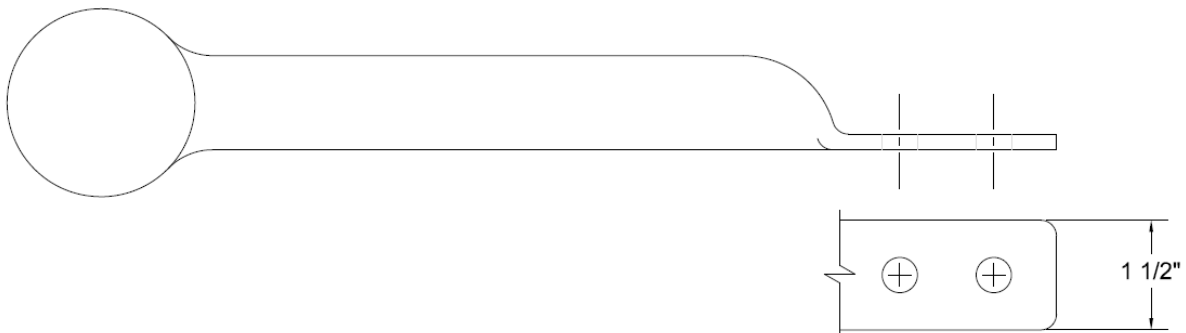
DUAL CABLE SPACER
CABLES ONLY
TYPE CS



NOTE: FOR OTHER CABLE SPACINGS, REPLACE THE LAST DIGIT OF THE CATALOG NUMBER WITH THE DESIRED SPACING. (EX: FOR 12" SPACING, USE NUMBER CS-40-12 THRU CS-350-12).

CATALOG NUMBER	DECIMAL RANGE
CS-40-8	.198 - .598
CS-50-8	.575 - .893
CS-75-8	.893 - 1.094
CS-100-8	1.036 - 1.293
CS-200-8	1.289 - 1.500
CS-250-8	1.500 - 1.824
CS-350-8	1.824 - 2.160

GROUND STUD
CORONA FREE
TYPE GS-10



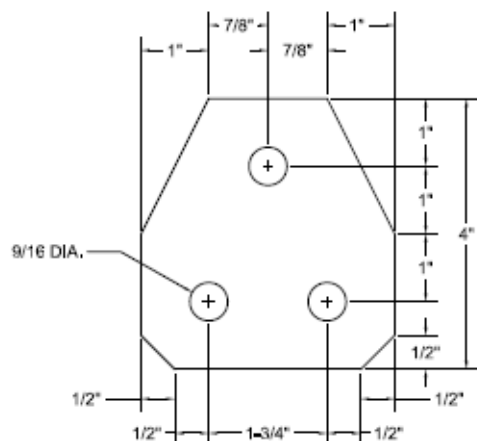
MATERIAL: E.C. GRADE ALUMINUM – 1" ROD



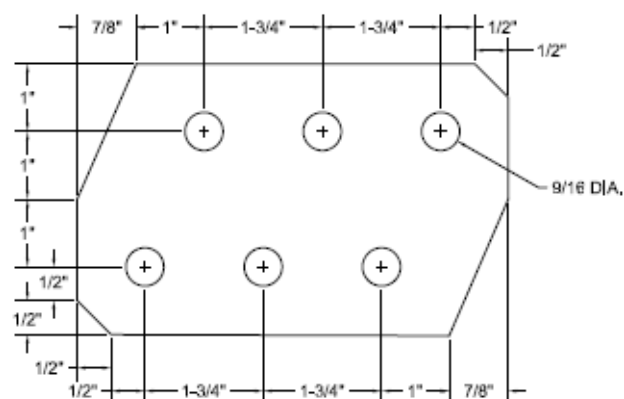
JOHNSON CONNECTOR

MISCELLANEOUS CONNECTORS

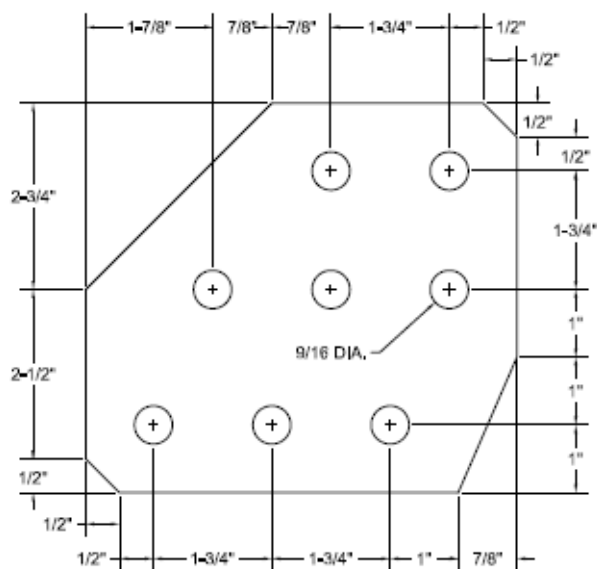
TRANSFORMER PLATES
VARIOUS CONFIGURATIONS
TYPE AP



MATERIAL: ALUMINUM 6061-T6
TIN PLATED - 3/8" PLATE
CATALOG NUMBER AP-3



MATERIAL: ALUMINUM 6061-T6
TIN PLATED - 1/2" PLATE
CATALOG NUMBER AP-6



MATERIAL: ALUMINUM 6061-T6
TIN PLATED - 1/2" PLATE
CATALOG NUMBER AP-8



JOHNSON CONNECTOR

MISCELLANEOUS CONNECTORS

MULTIPLE TAP PADS
CUSTOM MADE
TYPE MTP

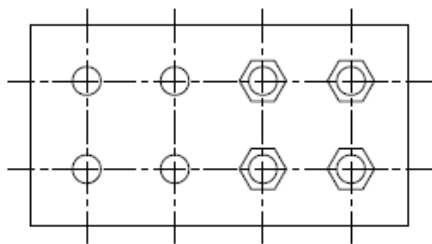


FIGURE #1

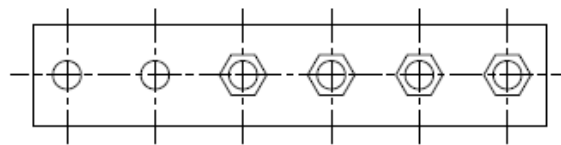


FIGURE #5

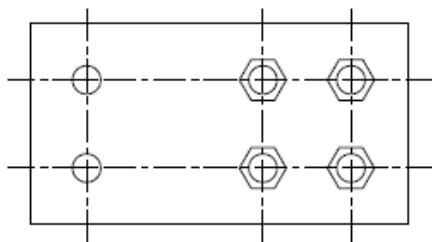


FIGURE #2

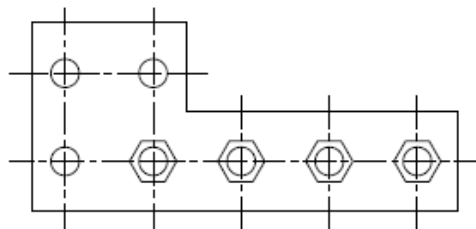


FIGURE #6

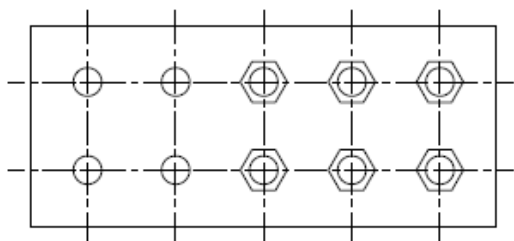


FIGURE #3

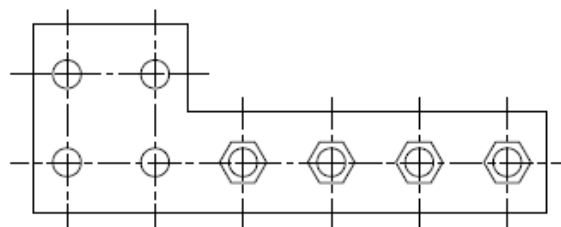


FIGURE #7

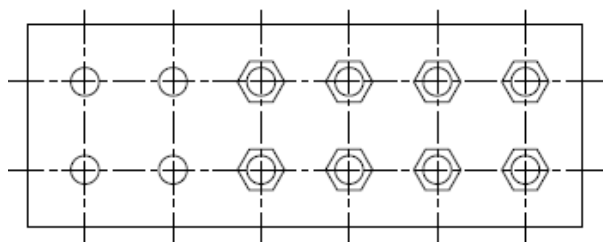


FIGURE #4

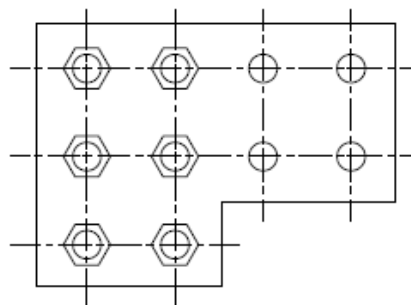


FIGURE #8

MATERIAL: 6101 ALUMINUM BUS BAR – 316 STAINLESS STEEL STUDS STANDARD.

ADD “-AL” TO FIGURE NUMBER FOR ALUMINUM STUDS.

NOTE: INCLUDE CATALOG PAGE NUMBER AND FIGURE WHEN INQUIRING.



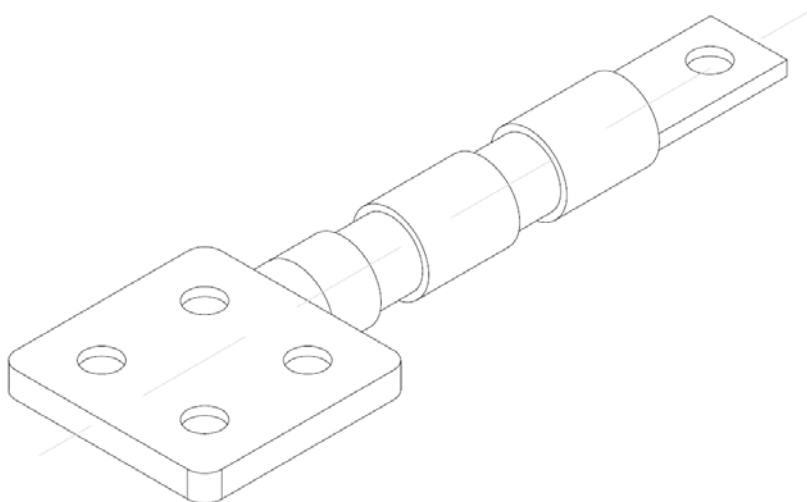
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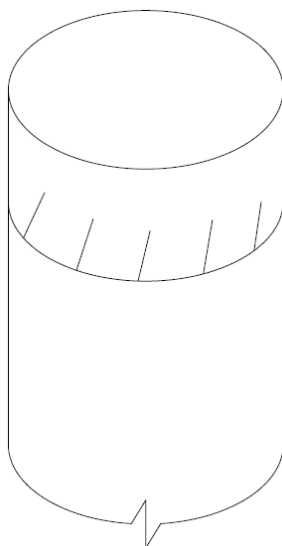
MISCELLANEOUS CONNECTORS

SPECIAL TERMINALS
FLAT TO FLAT
TYPE VARIES



NOTE: TERMINALS USED WITH EPOXY BUSHINGS FOR PAR MOUNT TRANSFORMERS.

POLE CAPS
FOR POLE TOPS
TYPE VARIES



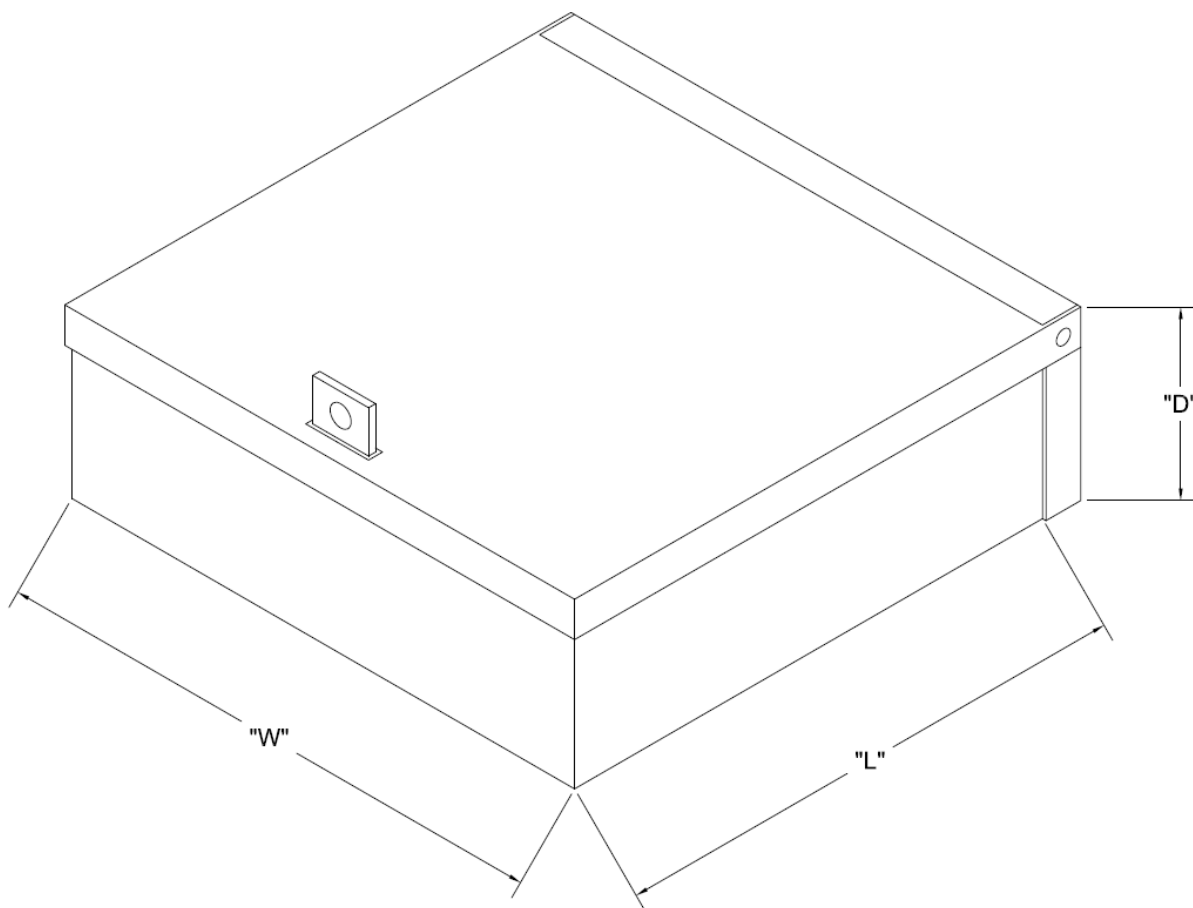
CATALOG NUMBER: PT-15
MATERIAL: .008" THICK ALUMINUM
15" DIA. DISC STANDARD
OTHER SIZES AVAILABLE UPON REQUEST



JOHNSON CONNECTOR

MISCELLANEOUS CONNECTORS

ALUMINUM "RAIN TIGHT"
TERMINAL BOX
TYPE AB



MATERIAL: 3003 ALUMINUM

NOTES: FOR KNOCKOUTS AND MOUNTING HOLES, ADD SUFFIX "-KM"
TO CATALOG NO. (EX: AB-12126-KM)

CATALOG NUMBER	DIMENSIONS (INCHES)		
	L (LENGTH)	W (WIDTH)	D (DEPTH)
AB-664	6.000	6.000	4.000
AB-886	8.000	8.000	8.000
AB-12126	12.000	12.000	6.000
AB-12186	12.000	18.000	6.000
AB-18126	18.000	12.000	6.000
AB-18186	18.000	18.000	6.000



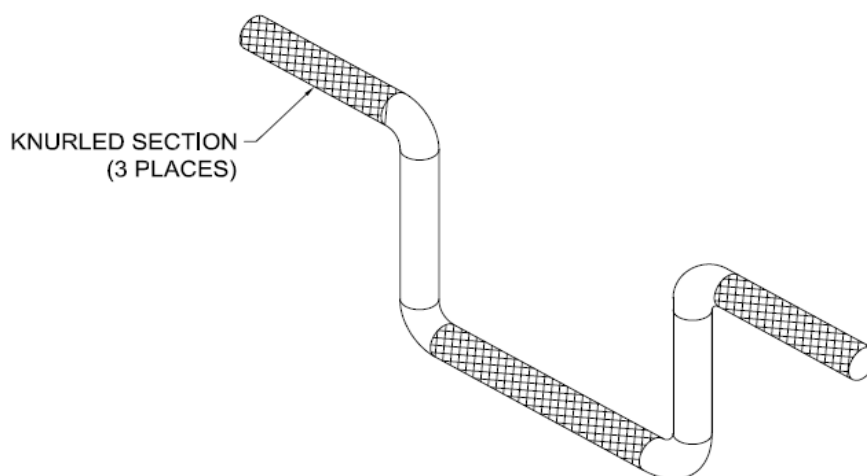
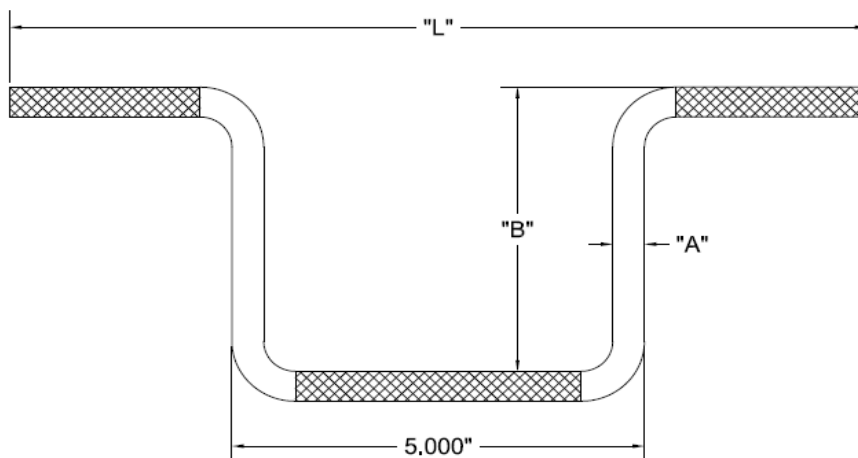
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MISCELLANEOUS CONNECTORS

ANTI-ROTATIONAL
HOT LINE STIRRUPS
TYPE CB



MATERIAL: 110 COPPER

FINISH: HIGH BOND TIN COATING
(FOR DIS-SIMILAR METAL EXPOSURE)

NOTES: H-TAP CAN BE FURNISHED UPON REQUEST

CATALOG NUMBER	DIMENSIONS (INCHES)		
	A (THICKNESS)	B (DEPTH)	L (LENGTH)
CB-2	.250	2.750	10.750
CB-20	.312	2.750	12.375



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