

Aluminum Compression Connectors

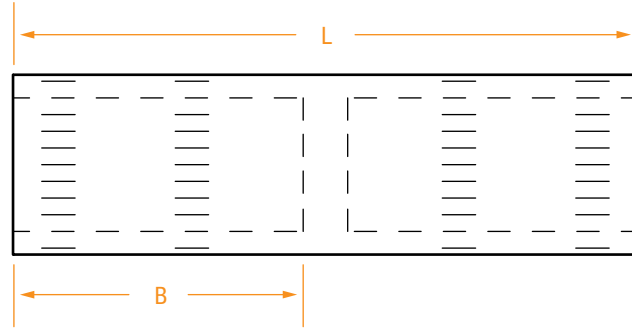


ALUMINUM COMPRESSION CONNECTORS	SERIES	PAGE
Short Aluminum Splices	SALC Series	37
Aluminum Splices	ALC Series	38
Aluminum Splices – Common Die	ALCCD Series	39
Tapered Aluminum Splices	OATC Series	40
Tapered Aluminum Splices – Common Die	OATCCD Series	41
Aluminum Tees	ALT Series	42
Aluminum Tapered Tees	ALTT Series	43
Aluminum Tapered Tees	ALTT Series (continued)	44
Aluminum Reducers	ALCR Series	45
Tapered Aluminum Reducers	OATCR Series	46
Aluminum Reducers – Common Die	ALCRCD Series	47

SHORT ALUMINUM SPLICES

SALC Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.



PART NUMBER*	WIRE SIZE	INSTALLING DIES	DIMENSIONS IN INCHES	
			B	L
SALC3	6	TP, 29, 346, 161, 5/16	3/4	1-5/8
SALC5	4	TB, 37, 375, 162	7/8	1-7/8
SALC7	2	TQ, 45, 348, 6A, 1/2, 163	15/16	2
SALC8	1	TQ, 45, 348, 6A, 1/2, 163	15/16	2
SALC9	1/0	TU, BG, 8A, 5/8, 52, 243	1	2-1/8
SALC10	2/0	TWTY, 297, 9A, 5/8-1, 58	1-3/32	2-5/16
SALC11	3/0	TV, 10A, 781, 66, 247	1-1/4	2-5/8
SALC12	4/0	TX, 298, 11A, 840, 71H	1-5/16	2-3/4
SALC13	250	TX, 11A, 840, 76, 249	1-3/8	2-15/16
SALC14	300	TX, 12A, 87H, 251	1-15/32	3-1/8
SALC15	350	96, 299, 13A, 94A	1-19/32	3-3/8
SALC16	400	96, 13A, 655, 99H	1-25/32	3-3/4
SALC18	500	106A, 14A, 300, 317	1-27/32	3-7/8
SALC20	600	115H, 473, 786, 936, 112H	1-15/16	4-1/8
SALC23	750	140H, 301	2-3/16	4-5/8
SALC24	800	140H, 474	2-1/4	4-3/4
SALC28	1000	302, 161	2-1/2	5-1/4
SALC29	1250	161, 352, 579	3-1/16	6-1/2
SALC30	1500	478, 189	3-1/16	6-1/2
SALC31	1750	204, 729, 40AH	3-1/16	6-1/2
SALC32	2000	479, 735, 214	3-9/16	7-1/2

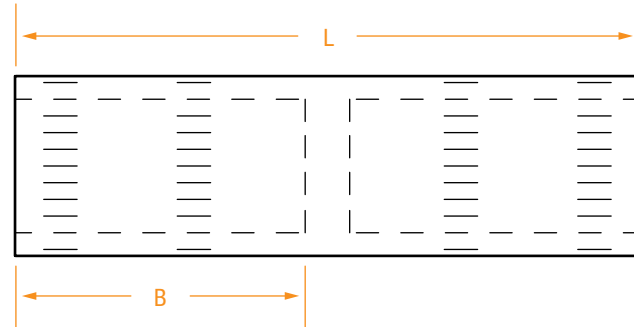
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned splices, add "-TN" to the part number (example: SALC3-TN for #6 tinned splice).

ALUMINUM SPLICES

ALC Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.



PART NUMBER*	WIRE SIZE	INSTALLING DIES	DIMENSIONS IN INCHES	
			B	L
ALC5	4	TB, 37, 375, 162	1-7/16	3-1/8
ALC7	2	TQ, 45, 348, 6A, 1/2	1-5/8	3-13/32
ALC8	1	TQ, 45, 348, 6A, 1/2	1-5/8	3-13/32
ALC9	1/0	TU, BG, 8A, 5/8, 52, 243	1-7/16	3-11/16
ALC10	2/0	TWTY, 297, 9A, 5/8-1, 58	1-3/4	3-11/16
ALC11	3/0	TV, 10A, 781, 66, 247	1-13/16	3-15/16
ALC12	4/0	TX, 298, 11A, 840, 71H	1-7/8	4-3/16
ALC13	250	TX, 11A, 840, 76, 249	2-7/16	5-3/16
ALC14	300	TX, 12A, 87H, 251	2-11/16	5-11/16
ALC15	350	96, 299, 13A, 94A	3-1/4	6-5/8
ALC16	400	96, 13A, 655, 99H	3-7/16	7-7/32
ALC18	500	106, 106A, 14A, 300, 317	3-5/8	7-17/32
ALC20	600	115H, 473, 112H	3-3/4	7-25/32
ALC23	700-750	140H, 301	4	8-9/32
ALC24	800	140H, 474	4-1/16	8-7/16
ALC28	1000	302, 161	4-11/32	9-7/8
ALC29	1250	161, 352, 579	4-5/8	10
ALC30	1500	478, 189	6-11/32	13
ALC31	1750	204, 729, 40AH	6-5/16	13
ALC32	2000	735, 214	7-11/32	15

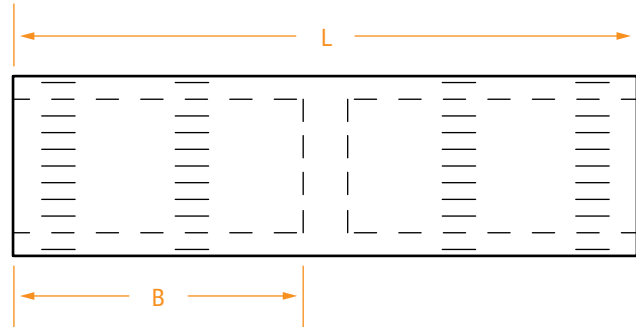
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned splices, add "-TN" to the part number (example: ALC5-TN for #4 tinned splice). For a different length connector, add the length in inches to the part number (example: ALC28-8in for an 8" connector).

ALUMINUM SPLICES – COMMON DIE

ALCCD Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.



PART NUMBER*	WIRE SIZE	INSTALLING DIES	DIMENSIONS IN INCHES	
			B	L
ALCCD5	4	8A, TU, 5/8, 243, BG, 52	1-7/16	3
ALCCD7	2	8A, TU, 5/8, 243, BG, 52	1-7/16	3
ALCCD8	1	8A, TU, 5/8, 243, BG, 52	1-7/16	3
ALCCD9	1/0	8A, TU, 5/8, 243, BG, 52	1-7/16	3
ALCCD10	2/0	249, 840, TX, 11A, 76	1-7/8	4
ALCCD11	3/0	249, 840, TX, 11A, 76	1-7/8	4
ALCCD12	4/0	249, 840, TX, 11A, 76	1-7/8	4
ALCCD13	250	249, 840, TX, 11A, 76	1-7/8	4
ALCCD14	300	299, 1-1/8, 96, 13A	2-5/16	5
ALCCD15	350	299, 1-1/8, 96, 13A	2-5/16	5
ALCCD16	400	15A, 1-5/16, 115H, 300, 317	2-21/32	5-11/16
ALCCD18	500	15A, 1-5/16, 115H, 300, 317	2-21/32	5-11/16
ALCCD20	600	301, 1-1/2, 140	3-3/8	6-31/32
ALCCD23	700-750	301, 1-1/2, 140	3-3/8	6-31/32
ALCCD24	800	301, 1-1/2, 140	3-3/8	6-31/32
ALCCD28	1000	302, 1-3/4, 161	3-5/16	8

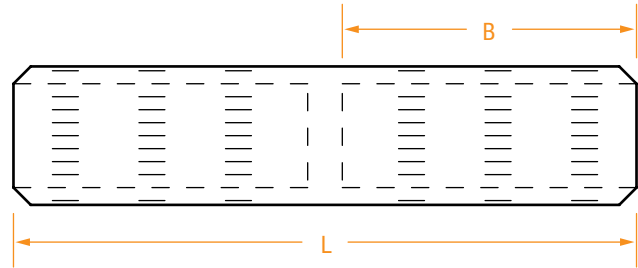
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned splices, add "-TN" to the part number (example: ALCCD5-TN for a #4 tinned splice).

TAPERED ALUMINUM SPLICES

OATC Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Tapered ends for easy taping.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.
- Designed for 5kV and higher.



PART NUMBER*	WIRE SIZE	INSTALLING DIES	DIMENSIONS IN INCHES	
			B	L
OATC7	2	TQ, 45, 348, 6A	1-9/32	2-11/16
OATC9	1/0	TU, 8A, 52, 243	1-7/16	3
OATC10	2/0	TWTY, 245, 9A, 58	1-7/16	3-1/16
OATC11	3/0	TV, 10A, 66, 247	1-7/16	3
OATC12	4/0	TX, 298, 11A, 71	1-3/4	3-21/32
OATC13	250	TX, 11A, 76, 249	1-3/4	3-21/32
OATC14	300	TH, 12A, 87, 251	2-3/32	4-5/16
OATC15	350	96, 299, 13A	2-9/32	4-5/16
OATC16	400	96, 13A, 472	2-9/16	5-7/32
OATC18	500	106, 14A, 300, 317	2-11/16	5-1/2
OATC20	600	115, 473	2-31/32	6-1/32
OATC23	700-750	140, 301	3-3/8	6-27/32
OATC24	800	140, 474	3-5/8	7-5/16
OATC28	1000	302, 161	4-11/32	8-27/32
OATC29	1250	161, 302	4-5/8	9-3/4
OATC30	1500	478, 189	4-5/8	9-3/4
OATC31	1750	204, 729, 40AH	5-1/2	11-1/2
OATC32	2000	479, 225	5-11/16	11-7/8

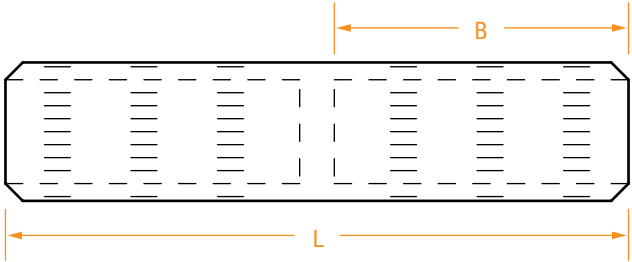
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned splices, add "-TN" to the part number (example: OATC7-TN for a #2 tinned splice). For a different length connector, add the length in inches to the part number (example: OATC28-8in for an 8" connector).

TAPERED ALUMINUM SPLICES –
COMMON DIE

OATCCD Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Tapered ends for easy taping.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.
- Designed for 5kV and higher.



PART NUMBER*	WIRE SIZE	INSTALLING DIES	DIMENSIONS IN INCHES	
			B	L
OATCCD5	4	TU, 8A, 52, 243, 296, 5/8	1-7/16	3
OATCCD7	2	TU, 8A, 52, 243, 296, 5/8	1-7/16	3
OATC9	1/0	TU, 8A, 52, 243, 296, 5/8	1-7/16	3
OATCCD10	2/0	11A, 76, 249, 840, 298	1-7/8	4
OATCCD11	3/0	11A, 76, 249, 840, 298	1-7/8	4
OATC12	4/0	11A, 76, 249, 840, 298	1-7/8	4
OATC13	250	11A, 76, 249, 840, 298	1-7/8	4
OATCCD14	300	96, 299, 13A, 1-1/8, 321, 705	2-5/16	5
OATC15	350	96, 299, 13A, 1-1/8, 321, 705	2-5/16	5
OATCCD16	400	115, 15A, 300, 1-5/16, 317	2-5/8	5-1/2
OATC18	500	115, 15A, 300, 1-5/16, 317	3-5/16	7
OATC20	600	1-5/16, 473, 1154	3-5/16	7
OATC23	700-750	1-1/2, 140, 301	3-3/8	6-27/32

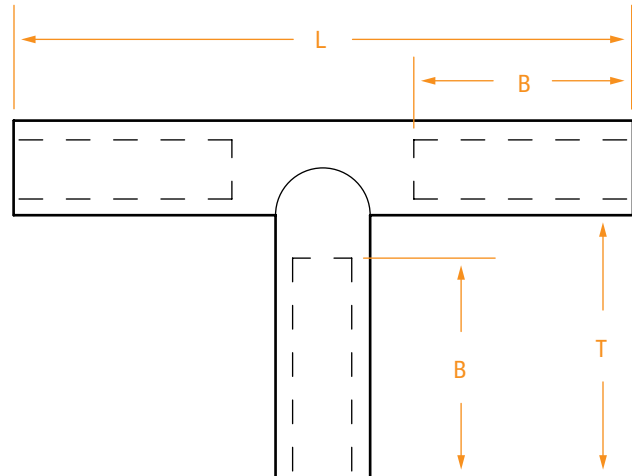
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned splices, add “-TN” to the part number (example: OATCCD-5-TN for a #4 tinned splice).

ALUMINUM TEES

ALT Series

- Made of high-conductivity aluminum.
- Available in different run and tap sizes.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.



PART NUMBER*	RUN	TAP	DIMENSIONS IN INCHES		
			L	B	T
ALT7	2	2	4-1/4	2	2-1/2
ALT9-7	1/0	2	5-1/2	2-1/4	2-1/2
ALT9	1/0	1/0	5-1/2	2-1/4	2-1/2
ALT10-9	2/0	1/0	6	2-1/4	2-1/2
ALT10	2/0	2/0	6	2-1/4	2-1/2
ALT11	3/0	3/0	6-5/8	2-5/8	3
ALT12-10	4/0	2/0	6-5/8	2-5/8	3
ALT12	4/0	4/0	6-5/8	2-5/8	3
ALT13	250	250	6-5/8	2-5/8	3
ALT14	300	300	6-5/8	2-5/8	3
ALT15-9	350	1/0	6-5/8	2-5/8	3
ALT15-12	350	4/0	6-5/8	2-5/8	3
ALT15	350	350	6-5/8	2-5/8	3

PART NUMBER*	RUN	TAP	DIMENSIONS IN INCHES		
			L	B	T
ALT16	400	400	7-3/4	3-1/8	3-1/2
ALT18-12	500	4/0	8	3-1/8	3-1/2
ALT18-15	500	350	8	3-1/8	3-1/2
ALT18	500	500	8	3-1/8	3-1/2
ALT23-12	750	4/0	8	3-1/8	3-1/2
ALT23-15	750	350	8	3-1/8	3-1/2
ALT23-18	750	500	9	3-1/2	4
ALT23	750	750	9	3-1/2	4
ALT28-15	1000	350	9-7/8	4	4-1/2
ALT28-18	1000	500	9-7/8	4	4-1/2
ALT28-23	1000	750	9-7/8	4	4-1/2
ALT28	1000	1000	9-7/8	4	4-1/2

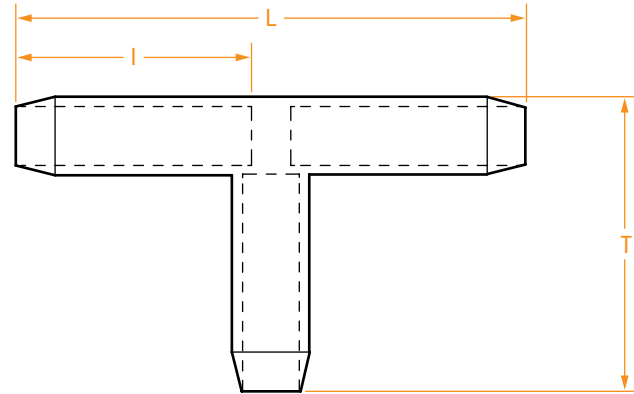
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned tees, add "-TN" to the part number (example: ALT7-TN for a #2 tinned Aluminum Tee).

ALUMINUM TAPERED TEES

ALTT Series

- Made of high-conductivity aluminum.
- Available in different run and tap sizes.
- Designed for 5kV and higher.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.



PART NUMBER	CABLE SIZE		DIMENSIONS IN INCHES			INSTALLING DIES
	RUN	TAP	L	I	T	
ALTT7-5	2	4	5-1/4	2-9/16	2-21/32	348, 6A, 45, TQ
ALTT7	2	2	5-1/4	2-9/16	2-23/32	348, 6A, 45, TQ
ALTT9-7	1/0	2	5-1/8	2-1/2	2-25/32	243, 52, 8A, TU
ALTT9	1/0	1/0	5-1/8	2-1/2	2-25/32	243, 52, 8A, TU
ALTT10-7	2/0	2	5-3/8	2-5/8	2-7/8	297, 58, 9A, TWTY
ALTT10-8	2/0	1	5-3/8	2-5/8	2-3/4	297, 58, 9A, TWTY
ALTT10-9	2/0	1/0	5-1/2	2-11/16	2-7/8	297, 58, 9A, TWTY
ALTT10	2/0	2/0	5-1/2	2-11/16	3-1/16	297, 58, 9A, TWTY
ALTT12-9	4/0	1/0	5-7/8	2-7/8	3-1/32	298, 71, 11A, TX
ALTT12-10	4/0	2/0	6	2-15/16	3-7/32	298, 71, 11A, TX
ALTT12	4/0	4/0	6-1/8	3	3-15/32	298, 71, 11A, TX
ALTT14-9	300	1/0	6-5/8	3-1/4	3-3/16	251, 87, 12A
ALTT14-10	300	2/0	6-5/8	3-1/4	3-3/8	251, 87, 12A
ALTT15-9	350	1/0	7-5/8	3-3/4	3-5/16	96, 299, 1-1/8
ALTT15-10	350	2/0	7-5/8	3-3/4	3-1/2	96, 299, 1-1/8
ALTT15-12	350	4/0	7-7/8	3-7/8	3-3/4	96, 299, 1-1/8
ALTT15-14	350	300	8	3-15/16	4	96, 299, 1-1/8
ALTT15	350	350	8-1/8	4	4-9/16	96, 299, 1-1/8

(continued)

ALUMINUM TAPERED TEES

ALTT Series (continued)

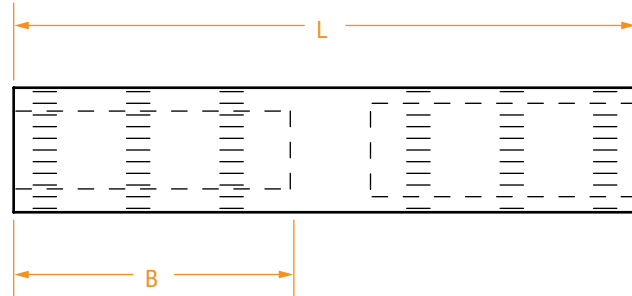
PART NUMBER	CABLE SIZE		DIMENSIONS IN INCHES			INSTALLING DIES
	RUN	TAP	L	I	T	
ALTT18-9	500	1/0	9-1/8	4-1/2	3-1/2	106A, 300, 1-5/16
ALTT18-10	500	2/0	9-1/8	4-1/2	3-11/16	106A, 300, 1-5/16
ALTT18-12	500	4/0	9-1/4	4-9/16	3-15/16	106A, 300, 1-5/16
ALTT18-14	500	300	9-3/8	4-5/8	4-3/16	106A, 300, 1-5/16
ALTT18-15	500	350	9-1/2	4-11/16	4-3/4	106A, 300, 1-5/16
ALTT18	500	500	9-3/4	4-13/16	5-7/16	106A, 300, 1-5/16
ALTT23-12	750	4/0	9-3/4	4-13/16	4-3/16	301, 140, 1-1/2, 527
ALTT23-14	750	300	9-7/8	4-7/8	4-7/16	301, 140, 1-1/2, 527
ALTT23-15	750	350	10	4-15/16	5	301, 140, 1-1/2, 527
ALTT23-18	750	500	10-1/8	5	5-5/8	301, 140, 1-1/2, 527
ALTT23	750	750	10-3/8	5-1/8	6	301, 140, 1-1/2, 527
ALTT28-12	1000	4/0	10-7/8	5-3/8	4-7/16	302, 161, 1-3/4, 150
ALTT28-14	1000	300	11	5-7/16	4-11/16	302, 161, 1-3/4, 150
ALTT28-15	1000	350	11-1/8	5-1/2	5-1/4	302, 161, 1-3/4, 150
ALTT28-18	1000	500	11-1/4	5-9/16	5-15/16	302, 161, 1-3/4, 150
ALTT28-23	1000	750	11-5/8	5-3/4	6-1/4	302, 161, 1-3/4, 150
ALTT28	1000	1000	10-7/8	5-7/8	6-13/16	302, 161, 1-3/4, 150

FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

ALUMINUM REDUCERS

ALCR Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.



PART NUMBER*	WIRE SIZE		INSTALLING DIES	DIMENSIONS IN INCHES	
	FROM	TO (RANGE)		B	L
ALCR7-	2	#8 - #3	TQ, 45, 348, 6A, 1/2	1-7/8	4-9/16
ALCR9-	1/0	#8 - #1	TU, BG, 8A, 5/8	1-7/8	4-9/16
ALCR10-	2/0	#6 - 1/0	TWTY, 60, 245, 9A, 5/8-1	1-7/8	4-9/16
ALCR11-	3/0	#6 - 2/0	TU, 781, 56	2	5
ALCR12-	4/0	#4 - 3/0	TX, 298, 11A, 840, 71H	2-1/8	5-1/4
ALCR13-	250	#4 - 4/0	TX, 11A, 840, 249	2-5/8	6-5/16
ALCR14-	300	#4 - 250	96, 299, 1-1/8	3-17/32	8-3/16
ALCR15-	350	#4 - 300	96, 299, 1-1/8	3-17/32	8-3/16
ALCR16-	400	#2 - 350	96, 472, 1-1/8	3-11/16	8-19/32
ALCR18-	500	#2 - 450	106, 300, 1-5/16	3-13/16	8-19/32
ALCR20-	600	#2 - 550	115H, 473, 1-5/16	3-15/16	8-7/8
ALCR23-	750	1/0 - 700	140, 301, 1-1/2	4-7/32	9-5/8
ALCR28-	1000	2/0 - 950	302, 161, 1-3/4	4-5/8	9-7/8
ALCR29-	1250	500 - 1000	352, 161	4-3/4	10

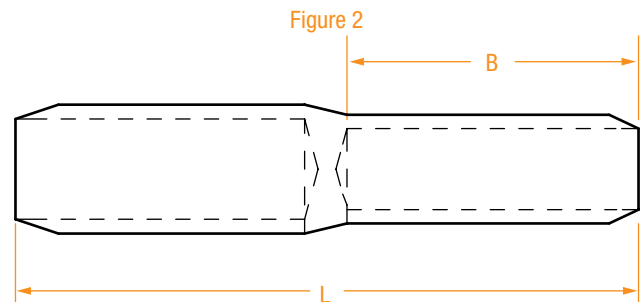
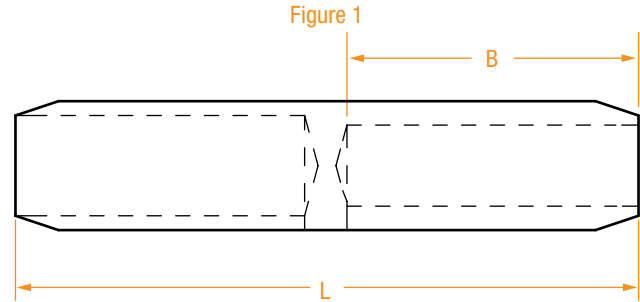
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned reducers, add "-TN" to the part number (example: ALCR7-5-TN for a #2 to #4 tinned reducer). For a different length connector, add the length in inches to the part number (example: ALCR28-23-7in for a 7" connector).

TAPERED ALUMINUM REDUCERS

OATCR Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Designed for 5kV and higher.
- Filled with a high-voltage oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.
- When ordering, specify both cable sizes in the part numbers listed below.
- Figure 1 or Figure 2 will be supplied depending on the amount of reduction.



PART NUMBER*	WIRE SIZE		INSTALLING DIES	DIMENSIONS IN INCHES	
	FROM	TO (RANGE)		B	L
OATCR3-2	#6	#8	346, 161, TP, 29, 5/16	1-3/8	3
OATCR5-	#4	#8 - #6	375, 162, TB, 37	1-5/8	3-1/2
OATCR7-	#2	#8 - #4	348, 1/2, 45, TQ, 6A	1-5/8	3-1/2
OATCR8-	#1	#8 - #2	348, 1/2, 45, TQ, 6A	1-5/8	3-1/2
OATCR9-	1/0	#8 - #1	243, 52, TU, 5/8, 8A	1-5/8	3-1/2
OATCR10-	2/0	#6 - 1/0	297, 58, TWTY, 5/8, 9A	1-5/8	3-1/2
OATCR11-	3/0	#4 - 2/0	247, 66, 781, TV, 10A	1-7/8	4
OATCR12-	4/0	#4 - 3/0	298, 840, 71H, 11A, TX	2-3/8	5
OATCR13-	250	#4 - 4/0	249, 840, 76, TX, 11A	2-3/8	5
OATCR14-	300	#2 - 250	251, 12A, 87H, TX	2-1/2	5-1/4
OATCR15-	350	#2 - 300	299, 1-1/8, 96	2-15/16	6-1/4
OATCR18-	500	#2 - 450	300, 1-5/16, 106	3-5/8	7-5/8
OATCR23-	750	1/0 - 700	301, 1-1/2, 140	4	8-1/2
OATCR28-	1000	2/0 - 950	302, 1-3/4, 161	4-3/4	10
OATCR29-	1250	500 - 1000	352, 161	5-3/8	11

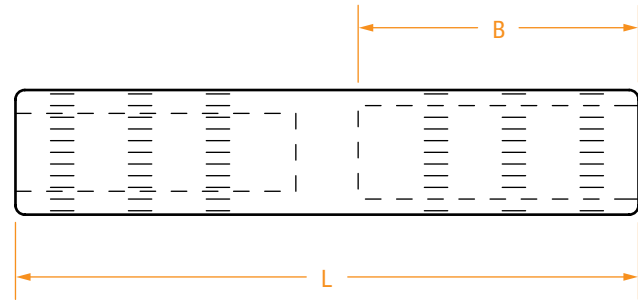
FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned reducers, add "-TN" to the part number (example: OATCR6-8-TN for a #6 to #8 tinned reducer). For a different length connector, add the length in inches to the part number (example: OATC28-8in for an 8" connector).

ALUMINUM REDUCERS – COMMON DIE

ALCRCD Series

- Made of high-conductivity aluminum.
- Accepts both aluminum and copper conductors.
- Filled with an oxide-inhibiting compound.
- Marked with conductor size and die information.
- Solid center stop to ensure proper cable insertion.



PART NUMBER*	WIRE SIZE		INSTALLING DIES	DIMENSIONS IN INCHES	
	FROM	TO (RANGE)		B	L
ALCRCD5-3	4	6	243, TU, 5/8, 8A, BG, 52	1-7/16	3
ALCRCD7-	2	#8 - #6	243, TU, 5/8, 8A, BG, 52	1-7/16	3
ALCRCD9-	1/0	#8 - #1	243, TU, 5/8, 8A, BG, 52	1-7/16	3
ALCRCD10-	2/0	#6 - 1/0	249, 840, TX, 11A, 76	1-7/8	4
ALCRCD11-	3/0	#6 - 2/0	249, 840, TX, 11A, 76	1-7/8	4
ALCRCD12-	4/0	#4 - 3/0	249, 840, TX, 11A, 76	1-7/8	4
ALCRCD13-	250	#4 - 4/0	249, 840, TX, 11A, 76	1-7/8	4
ALCRCD14-	300	#2 - 250	299, 1-1/8, 96, 13A	2-13/32	5
ALCRCD15-	350	#2 - 300	299, 1-1/8, 96, 13A	2-13/32	5
ALCRCD18-	500	#2 - 450	15A, 1-5/16, 106	2-21/32	5-11/16
ALCRCD23-	750	1/0 - 700	301, 1-1/2, 140	3-3/8	6-3/16
ALCRCD28-	1000	2/0 - 950	302, 1-3/4, 161	3-5/16	8
ALCRCD29-	1250	500 - 1000	352, 161	4-3/8	9

FOR OTHER SIZES, CONTACT YOUR SALES REPRESENTATIVE OR THE FACTORY.

* For tinned reducers, add "-TN" to the part number (example: ALCRCD5-3-TN for a #4 to #6 tinned reducer). For a different length connector, add the length in inches to the part number (example: ALCRCD28-18-8in for an 8" connector).

