

Conduit Bodies and Covers

Conduit Outlet Bodies

Application

Conduit Bodies are installed in conduit systems to:

- Connect conduit sections
- Act as pull outlets when conductors are being installed
- Provide easy access for splices in branch conductors
- Make 90° bends in conduit runs
- Act as mounting outlets for wiring devices and lighting fixtures
- Provide access to conductors for maintenance and future system changes

Features

- Standard features include tapered (NPT) threads and integral bushings to protect wire insulation
- T&B Form 7 bodies and covers are interchangeable with other manufacturers' Form 7 bodies and covers
- T&B Form 8 bodies and covers are interchangeable with other manufacturers' Form 8 bodies and covers
- T&B Form 7 and Form 8 bodies feature BlueKote® internal coating for easier wire pulling
- T&B Series 35 bodies and covers are interchangeable with other manufacturers' 35/5 Series iron and steel bodies and covers

Materials

Form 7, Form 8 and Series 35 Conduit Bodies..... Sand-cast class 30 gray iron alloy

Stainless Steel Conduit Bodies..... Type 316 stainless steel

Red•Dot® Conduit Bodies..... Die-cast aluminum, copper-free

Covers..... Sand-cast gray iron alloy and stamped sheet steel with steel-stainless steel screws

Stainless Steel Covers..... Cast and stamped Type 316 stainless steel with stainless steel screws

Gaskets..... Neoprene

Finish

Form 7, Form 8 and Series 35 Conduit Bodies.... Zinc-plating with aluminum acrylic coating

Form 7 and Form 8 Bodies..... Internal PTFE-based BlueKote® coating

Red•Dot® Conduit Bodies..... Aluminum laquer

Covers..... Gray iron zinc-plating with aluminum acrylic coating, and stamped steel zinc-plating with clear chromate coating; Form 7 and Form 8 covers include neoprene gasket

Stainless Steel Bodies and Covers Polished

Listings/Compliances

UL Standard: 514A, 514B

Fed. Spec: W-C-586D

CSA Standard: C22.2 No. 18



Conduit Bodies and Covers

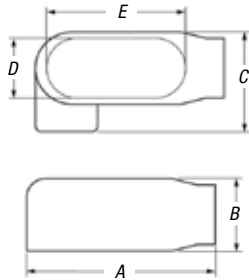


Conduit Bodies Quick Reference

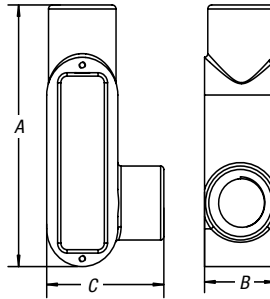
		HUB SIZE (IN.)										SEE PAGE
SHAPE	TYPE	½	¾	1	1¼	1½	2	2½	3	3½	4	
	BlueKote® Form 7	LB17	LB27	LB37	LB47	LB57	LB67	LB77	LB87	LB97	LB107	E-71
	BlueKote® Form 8**	LB18	LB28	LB38	LB448	LB58	LB68	LB78	LB888	LB98	LB108	
	Series 35	LB50M	LB75M-TB	LB100M	LB125M	LB150M	LB200M	LB250M	LB300M	LB350M	LB400M	
	Threaded Aluminum*	ALB1	ALB2	ALB3	ALB4	ALB5	ALB6	ALB7	ALB8	ALB9	ALB10	
	EMT Aluminum*	BLB1	BLB2	BLB3	BLB4	BLB5	BLB6	BLB7	BLB8	BLB9	BLB10	
	Stainless Steel Form 8	LB18SST	LB28SST	LB38SST	LB48SST	LB58SST	LB68SST	(with covers, gaskets and screws)				E-69
	BlueKote® Form 7	LU17	LU27	LU37	LU47	LU57	LU67	—	—	—	—	E-72
	Stainless Steel Form 8	LU18SST	LU28SST	LU38SST	LU48SST	LU58SST	LU68SST	(with covers, gaskets and screws)				E-69
	BlueKote® Form 7	T17	T27	T37	T47	T57	T67	T77	T87	T97	T107	E-72
	BlueKote® Form 8**	T18	T28	T38-TB	T448	T58	T68	T78	T88-TB	—	—	
	Series 35	T50M	T75M	T100M	T125M	T150M	T200M	T250M	T300M	T350M	T400M	
	Threaded Aluminum*	AT1	AT2	AT3	AT4	AT5	AT6	AT7	AT8	AT9	AT10	
	EMT Aluminum*	BT1	BT2	BT3	BT4	BT5	BT6	—	—	—	—	
	Stainless Steel Form 8	T18SST	T28SST	T38SST	T48SST	T58SST	T68SST	(with covers, gaskets and screws)				E-69
	BlueKote® Form 7	C17	C27	C37	C47	C57	C67	C77-TB	C87	—	—	E-73
	BlueKote® Form 8**	C18	C28	C38	C448	C58-TB	C68	C78	C88	—	—	
	Series 35	C50M	C75M-TB	C100M	C125M	C150M	C200M	C250M-TB	C300M	C350M	C400M	
	Threaded Aluminum*	AC1	AC2	AC3	AC4	AC5	AC6	AC7	AC8	AC9	AC10	
	EMT Aluminum*	BC1	BC2	BC3	BC4	BC5	BC6	—	—	—	—	
	BlueKote® Form 7	LL17	LL27	LL37	LL47	LL57	LL67	LL77	LL87	LL97	LL107	E-74
	BlueKote® Form 8**	LL18	LL28	LL38	LL448	LL58	LL68	LL78	LL888	—	—	
	Series 35	LL50M	LL75M	LL100M	LL125M	LL150M	LL200M	LL250M	LL300M	LL350M	LL400M	
	Threaded Aluminum*	ALL1	ALL2	ALL3	ALL4	ALL5	ALL6	ALL7	ALL8	ALL9	ALL10	
	EMT Aluminum*	BLL1	BLL2	BLL3	BLL4	—	—	—	—	—	—	
	BlueKote® Form 7	LR17	LR27	LR37	LR47	LR57	LR67	LR77	LR87	LR97	LR107	E-75
	BlueKote® Form 8**	LR18	LR28	LR38	LR448	LR58	LR68	LR78	LR888	—	—	
	Series 35	LR50M	LR75M	LR100M	LR125M	LR150M	LR200M	LR250M	LR300M	LR350M-TB	LR400M	
	Threaded Aluminum*	ALR1	ALR2	ALR3	ALR4	ALR5	ALR6	ALR7	ALR8	ALR9	ALR10	
	EMT Aluminum*	BLR1	BLR2	BLR3	BLR4	—	—	—	—	—	—	
	BlueKote® Form 7	L17-TB	L27-TB	L37-TB	L47-TB	L57-TB	L67-TB	—	—	—	—	E-76
	Threaded Aluminum*	ALRL1	ALRL2	ALRL3	ALRL4	ALRL5	ALRL6	—	—	—	—	
	EMT Aluminum*	BLRL1	BLRL2	BLRL3	BLRL4	BLRL5	BLRL6	—	—	—	—	
	BlueKote® Form 7	TB17-TB	TB27	TB37	TB47	TB57	TB67	—	—	—	—	E-76
	BlueKote® Form 8**	TB18	TB28	TB38	TB448	TB58	TB68	—	—	—	—	
	Series 35	TB50M	TB75M	TB100M	TB125M	TB150M	TB200M	—	—	—	—	
		Stainless Steel Form 8	TB18SST	TB28SST	TB38SST	TB48SST	TB58SST	TB68SST	(with covers, gaskets and screws)			
	BlueKote® Form 7	X17	X27	X37	X47	X57	X67	—	—	—	—	E-77
	BlueKote® Form 8**	X18	X28	X38	X448	X58	X68	—	—	—	—	
	Series 35	X50M	X75M	X100M	X125M	X150M	X200M	—	—	—	—	
	BlueKote® Form 7	E17	E27	E27	—	—	—	—	—	—	—	E-77
	Threaded Aluminum	AE1	AE2	AE3	—	—	—	—	—	—	—	
	BlueKote® Form 7	TA17	TA27	TA37	TA47	TA57	TA67	—	—	—	—	—

*Aluminum conduit bodies (A and B series 2½" through 4") furnished with one stamped steel cover **½" through 1¼" have (2) mounting holes; 1½" through 4" have (4) mounting holes

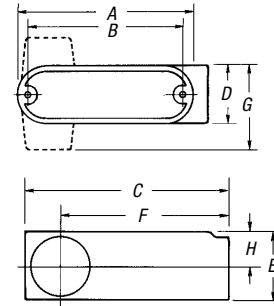
Conduit Bodies and Covers



LR Form 7 and Form 8



LR Series 35



LR Threaded Aluminum and EMT Aluminum

LR Form 7 BlueKote® Conduit Bodies



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)					CU. IN.
		A	B	C	D	E	
LR17	½"	4.60	1.40	1.45	.95	3.20	4.0
LR27	¾"	5.25	1.60	1.65	1.15	3.80	6.6
LR37	1"	6.00	1.90	2.60	1.35	4.55	10.6
LR47	1¼"	6.45	2.30	3.05	1.80	5.00	18.8
LR57	1½"	7.90	2.60	3.80	2.05	5.45	26.4
LR67	2"	8.30	3.20	4.25	2.45	6.40	51.0
LR77	2½"	10.55	3.65	5.80	3.60	8.40	102.0
LR87	3"	10.55	4.40	5.80	3.60	8.40	132.0
LR97	3½"	12.85	4.90	7.03	4.55	10.25	210.0
LR107	4"	12.85	5.40	7.03	4.55	10.25	243.0

LR Form 8 BlueKote® Conduit Bodies



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)					CU. IN.
		A	B	C	D	E	
LR18	½"	4.94	1.44	2.16	1.00	3.31	4.4
LR28	¾"	5.56	1.69	2.31	1.19	3.94	8.0
LR38	1"	6.47	1.94	2.63	1.38	4.56	13.0
LR448	1¼"	7.53	2.38	3.16	1.75	5.31	23.6
LR58	1½"	9.13	2.78	4.00	2.13	6.50	45.0
LR68	2"	11.00	3.56	5.00	3.00	8.56	88.0
LR78	2½"	13.94	4.44	6.69	4.25	10.88	110.0
LR888	3"	13.94	4.81	6.69	4.25	10.88	110.0

LR Series 35 Conduit Bodies



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)			CU. IN.
		A	B	C	
LR50M	½"	4.68	2.05	1.37	4.5
LR75M	¾"	5.37	2.25	1.70	7.5
LR100M	1"	6.20	2.65	1.90	12.5
LR125M	1¼"	8.12	2.75	2.75	32
LR150M	1½"	8.12	3.50	2.83	35.3
LR200M	2"	10.50	4.12	3.31	68
LR250M	2½"	13.60	5.71	3.90	142
LR300M	3"	13.87	5.87	4.75	173
LR350M-TB	3½"	16.25	6.10	5.62	292
LR400M	4"	16.25	6.95	5.62	324

LR Threaded Aluminum Conduit Bodies



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)								CU. IN.	CU. IN.*
		A	B	C	D	E	F	G	H		
ALR1	½"	3.88	3.50	4.31	1.31	1.38	3.56	2.00	.78	4.3	4.8
ALR2	¾"	4.63	4.13	5.13	1.53	1.63	4.13	2.31	.88	7.3	7.5
ALR3	1"	5.38	4.88	5.31	1.75	1.88	4.88	2.50	1.00	11.8	12.5
ALR4	1¼"	7.25	6.50	7.88	2.50	2.75	6.31	3.38	1.50	32.0	36.5
ALR5	1½"	7.25	6.50	7.88	2.50	2.75	6.31	3.38	1.50	32.0	36.5
ALR6	2"	9.50	8.56	10.19	3.13	3.44	8.19	3.94	1.94	69.5	73.8
ALR7	2½"	12.25	11.25	13.00	4.50	4.50	10.25	5.50	2.88	190.0	—
ALR8	3"	12.25	11.25	13.00	4.50	4.50	10.25	5.50	2.88	190.0	—
ALR9	3½"	15.00	14.44	16.25	5.50	5.50	12.75	6.50	3.00	366.0	—
ALR10	4"	15.00	14.44	16.25	5.50	5.50	12.75	6.50	3.00	366.0	—

*LRL Style Only

LR EMT Aluminum Conduit Bodies



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)								CU. IN.	CU. IN.*
		A	B	C	D	E	F	G	H		
BLR1	½"	3.88	3.50	4.31	1.31	1.38	3.56	2.00	.78	4.3	4.8
BLR2	¾"	4.63	4.13	5.13	1.53	1.63	4.13	2.31	.88	7.3	7.5
BLR3	1"	5.38	4.88	5.31	1.75	1.88	4.88	2.50	1.00	11.8	12.5
BLR4	1¼"	7.25	6.50	7.88	2.50	2.75	6.31	3.38	1.50	32.0	36.5

*LRL Style Only