

Conduit bodies and covers

Overview



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
- 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 Fittings form 7 bodies and covers are interchangeable with other manufacturers' form 7 bodies and covers
- T&B Fittings form 8 bodies and covers are interchangeable with other manufacturers' Form 8 bodies and covers
- T&B Fittings form 9 bodies and covers are interchangeable with other manufacturers' Form 9 bodies and covers (Mark 9, FM 9)
- T&B Fittings form 7 and form 8 cast iron bodies feature BlueKote® internal coating for easier wire pulling
- Form 9 aluminum sand-cast copper-free aluminum alloy
- T&B Fittings series 35 bodies and covers are interchangeable with other manufacturers' 35/5 series iron and steel bodies and covers
- Form 8 stainless steel conduit bodies are mirror polished with exceptionally smooth hygienic markings, making them easier and faster to clean
- Form 7 sand cast aluminum is made with a special aluminum alloy, providing superior corrosion resistance as cast; no protective coatings needed
- Special sand cast aluminum alloy makes these conduit bodies ideal for use in food and beverage, pharmaceutical, chemical processing and other corrosive environments
- All form 7 and form 8 covers include gaskets

Materials

- Form 7, form 8 and series 35 iron conduit bodies: Sand-cast class 30 gray iron alloy
- Form 9 aluminum: Sand-cast copper-free aluminum alloy
- Stainless steel conduit bodies: Type 316 stainless steel
- Form 7 aluminum: Sand-cast CorroStall™ aluminum alloy
- Covers: Sand-cast gray iron alloy and stamped sheet steel with steel-stainless steel screws
- Stainless steel covers: Stamped type 316 stainless steel with stainless steel screws
- Gaskets: Neoprene
- Aluminum covers: Sand-cast CorroStall aluminum alloy or sheet aluminum with stainless steel screws, aluminum clips and stainless steel and neoprene O-ring washer

Finish

- Form 7, form 8 and series 35 iron conduit bodies: Zinc-plating with aluminum acrylic coating
- Form 7 and form 8 iron bodies: Internal PTFE-based BlueKote coating
- 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
- Form 9 aluminum covers: Stamped copper-free aluminum sheet with stainless steel screws
- Stainless steel bodies and covers: Polished
- Aluminum bodies and covers: As cast/natural

Listings/compliances

- UL Standard: 514A, 514B
- Fed. Spec: W-C-586D
- CSA Standard: C22.2 No. 18

Conduit bodies and covers

BlueKote® form 7

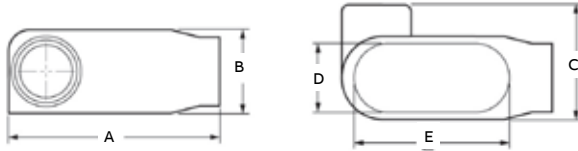


LL Form 7 BlueKote conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)					
		A	B	C	D	E	Cu. in.
LL17	1/2	4.60	1.40	1.45	.95	3.20	4.0
LL27	3/4	5.25	1.60	1.65	1.15	3.80	6.6
LL37	1	6.00	1.90	2.60	1.35	4.55	10.6
LL47	1 1/4	6.45	2.30	3.05	1.80	5.00	18.6
LL57	1 1/2	7.90	2.60	3.80	2.05	5.45	26.4
LL67	2	8.30	3.20	4.25	2.45	6.40	51.0
LL77	2 1/2	10.55	3.65	5.80	3.60	8.40	102.0
LL87	3	10.55	4.40	5.80	3.60	8.40	132.0
LL97	3 1/2	12.85	4.90	7.03	4.55	10.25	210.0
LL107	4	12.85	5.40	7.03	4.55	10.25	243.0

Diagrams

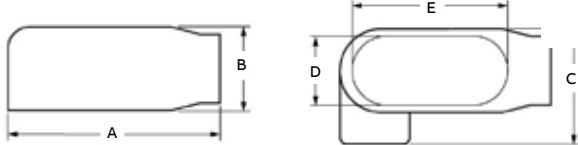


LR Form 7 BlueKote conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)					
		A	B	C	D	E	Cu. in.
LR17	1/2	4.60	1.40	1.45	.95	3.20	4.0
LR27	3/4	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	1 1/4	6.45	2.30	3.05	1.80	5.00	18.8
LR57	1 1/2	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	2 1/2	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	3 1/2	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

Diagrams

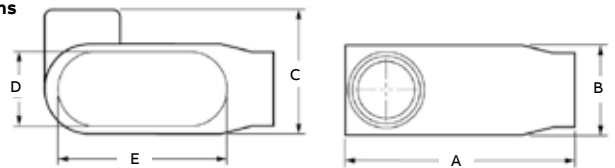


L Form 7 BlueKote conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)					
		A	B	C	D	E	
L17-TB	1/2	4.60	1.40	1.45	.95	3.20	
L27-TB	3/4	5.25	1.60	1.65	1.15	3.80	
L37-TB	1	6.00	1.90	2.60	1.35	4.55	
L47-TB	1 1/4	6.45	2.30	3.05	1.80	5.00	
L57-TB	1 1/2	7.90	2.60	3.80	2.05	5.45	
L67-TB	2	8.30	3.20	4.25	2.45	6.40	

Diagrams



TA Form 7 BlueKote conduit bodies



Cat. no.	Hub size (in.)	Dimensions (in.)						
		A	B	C	D	E	F	G
TA17	1/2	5.57	1.80	2.57	1.62	2.34	3.19	.94
TA27	3/4	6.19	2.00	2.79	1.80	2.58	3.82	1.13
TA37	1	7.35	2.23	3.07	2.29	3.10	4.55	1.35
TA47	1 1/4	7.30	2.32	3.18	2.20	3.06	5.03	1.80
TA57	1 1/2	8.57	2.58	3.89	2.45	3.77	5.44	2.05
TA67	2	9.48	3.20	4.43	3.06	4.26	6.41	2.44

Diagrams

