

# Form 7 Conduit Bodies

## For Rigid Conduit & IMC

### Types LB, T, LL, LR

#### Use:

To provide access to conductors for pulling, splicing, maintenance and future changes/upgrades. Allows connection of straight conduit runs, branch conduit runs and 90° bends.

#### Features:

- Tapered threaded hubs (NPT).
- Flat back design for greater wiring capacity and surface mounting.
- Complete interchangeability with other manufacturers' Form 7 conduit bodies.
- Internal volume and maximum wire clearance marked on castings.
- Time-saving Clip-on™ covers in steel, gray iron or aluminum.
- For covers and gaskets, see Page - AA3 and AA4.

#### Material/Finish:

- Gray Iron/Zinc Electroplated/Aluminum Enamel
- Copper-free Aluminum/Aluminum Enamel

#### Optional Finish:

For additional corrosion protection, specify Hot Dip Galvanized. Add suffix "G" to Gray Iron catalog number. Contact your local representative for pricing and availability.

#### Third Party Certification:



UL Listed: E-18095  
Suitable for wet locations when used with gasketed covers.



CSA Certified: 009795  
Suitable for wet locations when used with gasketed covers.

#### Applicable Third Party Standards:

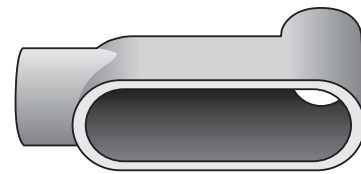
UL Standard: 514A  
CSA Standard: C22.2 No. 18  
Fed. Spec: A-A-50563  
NEMA: FB-1, FB-2.10

#### Dimensional Data:

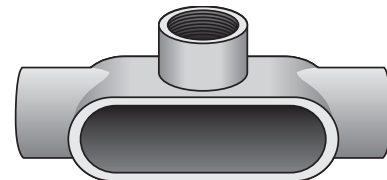
See Pages AA5 - AA7.

**Note:** Conduit bodies are suitable for use in Class I, Div. 2 hazardous locations per NEC Section 501-4(B).

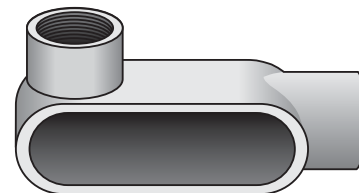
| Trade Size (inches) | Catalog Number Gray Iron | Catalog Number Aluminum |
|---------------------|--------------------------|-------------------------|
| 1/2                 | LB17                     | LB17-SA                 |
| 3/4                 | LB27                     | LB27-SA                 |
| 1                   | LB37                     | LB37-SA                 |
| 1 1/4               | LB47                     | LB47-SA                 |
| 1 1/2               | LB57                     | LB57-SA                 |
| 2                   | LB67                     | LB67-SA                 |
| 2 1/2               | LB77                     | LB77-SA                 |
| 3                   | LB87                     | LB87-SA                 |
| 3 1/2               | LB97                     |                         |
| 4                   | LB107                    |                         |
| 1/2                 | T17                      | T17-SA                  |
| 3/4                 | T27                      | T27-SA                  |
| 1                   | T37                      | T37-SA                  |
| 1 1/4               | T47                      | T47-SA                  |
| 1 1/2               | T57                      | T57-SA                  |
| 2                   | T67                      | T67-SA                  |
| 2 1/2               | T77                      |                         |
| 3                   | T87                      |                         |
| 3 1/2               | T97                      |                         |
| 4                   | T107                     |                         |
| 1/2                 | LL17                     | LL17-SA                 |
| 3/4                 | LL27                     | LL27-SA                 |
| 1                   | LL37                     | LL37-SA                 |
| 1 1/4               | LL47                     | LL47-SA                 |
| 1 1/2               | LL57                     | LL57-SA                 |
| 2                   | LL67                     | LL67-SA                 |
| 2 1/2               | LL77                     |                         |
| 3                   | LL87                     |                         |
| 3 1/2               | LL97                     |                         |
| 4                   | LL107                    |                         |
| 1/2                 | LR17                     | LR17-SA                 |
| 3/4                 | LR27                     | LR27-SA                 |
| 1                   | LR37                     | LR37-SA                 |
| 1 1/4               | LR47                     | LR47-SA                 |
| 1 1/2               | LR57                     | LR57-SA                 |
| 2                   | LR67                     | LR67-SA                 |
| 2 1/2               | LR77                     |                         |
| 3                   | LR87                     |                         |
| 3 1/2               | LR97                     |                         |
| 4                   | LR107                    |                         |



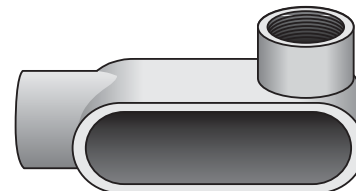
Type LB



Type T



Type LL

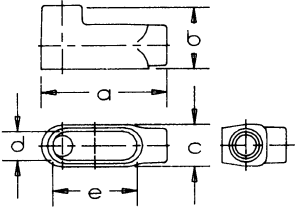


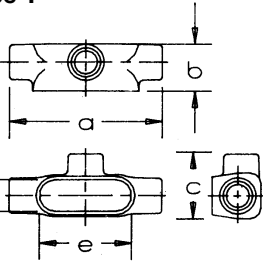
Type LR

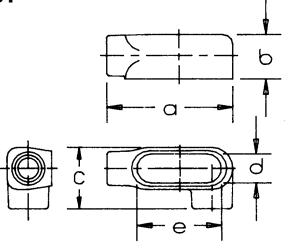
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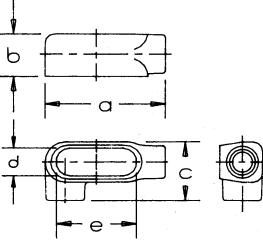
For Rigid Conduit & IMC

## Dimensional Data:

| Type LB   | Catalog Number | Trade Size | Dimensions in Inches |         |        |         |         | Volume Cu. In. | Max No. Conductors |
|---|----------------|------------|----------------------|---------|--------|---------|---------|----------------|--------------------|
|   |                |            | a                    | b       | c      | d       | e       |                |                    |
|  | LB17           | 1/2        | 4 9/16               | 2 1/4   | 1 3/8  | 1 15/16 | 3 3/16  | 4              | N/A                |
|   | LB27           | 3/4        | 5 5/16               | 2 1/2   | 1 1/8  | 1 1/8   | 3 13/16 | 6.9            | 3 #6AWG            |
|   | LB37           | 1          | 6                    | 2 5/8   | 1 1/4  | 1 1/8   | 4 1/2   | 10.5           | 3 #4AWG            |
|   | LB47           | 1 1/4      | 6 1/2                | 3 5/16  | 2 3/16 | 1 3/4   | 5       | 19.3           | 3 #3AWG            |
|   | LB57           | 1 1/2      | 7 1/8                | 3 11/16 | 2 7/16 | 1 15/16 | 5 7/16  | 26.5           | 3 #1AWG            |
|   | LB67           | 2          | 8 3/8                | 4 1/4   | 3      | 2 7/16  | 6 3/8   | 46             | 3 #1/0AWG          |
|   | LB77           | 2 1/2      | 10 1/2               | 5 5/8   | 4 1/4  | 3 3/16  | 8 3/8   | 102            | 3 #3/0AWG          |
|   | LB87           | 3          | 10 1/2               | 5 5/8   | 4 1/4  | 3 3/16  | 8 3/8   | 126            | 3 #3/0AWG          |
|   | LB97           | 3 1/2      | 12 11/16             | 6 3/16  | 5 1/4  | 4 1/2   | 10 1/4  | 210            | 3 #300MCM          |
|   | LB107          | 4          | 12 11/16             | 7 1/8   | 5 1/4  | 4 1/2   | 10 1/4  | 238            | 3 #300MC           |

| Type T   | Catalog Number | Trade Size | Dimensions in Inches |        |         |         |         | Volume Cu. In. | Max No. Conductors |
|--|----------------|------------|----------------------|--------|---------|---------|---------|----------------|--------------------|
|  |                |            | a                    | b      | c       | d       | e       |                |                    |
|  | T17            | 1/2        | 5 5/8                | 1 3/4  | 2 7/16  | 1 5/16  | 3 3/16  | 6              | N/A                |
|  | T27            | 3/4        | 6 1/4                | 2      | 2 5/8   | 1 1/8   | 3 13/16 | 19.5           | 3 #6AWG            |
|  | T37            | 1          | 7 1/4                | 2 1/4  | 3       | 1 1/8   | 4 1/2   | 15             | 3 #4AWG            |
|  | T47            | 1 1/4      | 7 7/16               | 2 3/16 | 3 3/16  | 1 1/4   | 5       | 20             | 3 #3AWG            |
|  | T57            | 1 1/2      | 8 3/16               | 2 3/16 | 3 3/16  | 1 15/16 | 5 7/16  | 27             | 3 #2AWG            |
|  | T67            | 2          | 9 3/16               | 3 3/8  | 4 1/8   | 2 7/16  | 6 3/8   | 50             | 3 #2AWG            |
|  | T77            | 2 1/2      | 12                   | 3 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 102            | 3 #1/0AWG          |
|  | T87            | 3          | 12 1/16              | 4 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 126            | 3 #1/0AWG          |
|  | T97            | 3 1/2      | 14 7/16              | 4 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 210            | 3 #3/0AWG          |
|  | T107           | 4          | 14 7/16              | 5 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 238            | 3 #3/0AWG          |

| Type LL   | Catalog Number | Trade Size | Dimensions in Inches |        |         |         |         | Volume Cu. In. | Max No. Conductors |
|---|----------------|------------|----------------------|--------|---------|---------|---------|----------------|--------------------|
|   |                |            | a                    | b      | c       | d       | e       |                |                    |
|  | LL17           | 1/2        | 4 9/16               | 1 3/8  | 2 1/4   | 1 5/16  | 3 3/16  | 4              | N/A                |
|   | LL27           | 3/4        | 5 5/16               | 1 3/8  | 2 7/16  | 1 1/8   | 3 13/16 | 6.9            | 3 #6AWG            |
|   | LL37           | 1          | 6                    | 1 3/8  | 2 3/4   | 1 3/8   | 4 1/2   | 10.5           | 3 #4AWG            |
|   | LL47           | 1 1/4      | 6 1/2                | 2 3/16 | 3 3/16  | 1 3/4   | 5       | 19.5           | 3 #2AWG            |
|   | LL57           | 1 1/2      | 7 1/8                | 2 3/16 | 3 3/16  | 1 15/16 | 5 7/16  | 27             | 3 #2AWG            |
|   | LL67           | 2          | 8 3/8                | 3 3/8  | 4 1/8   | 2 7/16  | 6 3/8   | 50             | 3 #3/0AWG          |
|   | LL77           | 2 1/2      | 10 1/2               | 3 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 102            | 3 #250MCM          |
|   | LL87           | 3          | 10 1/2               | 4 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 126            | 3 #250MCM          |
|   | LL97           | 3 1/2      | 12 11/16             | 4 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 210            | 3 #350MCM          |
|   | LL107          | 4          | 12 11/16             | 5 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 238            | 3 #350MCM          |

| Type LR   | Catalog Number | Trade Size | Dimensions in Inches |        |         |         |         | Volume Cu. In. | Max No. Conductors |
|---|----------------|------------|----------------------|--------|---------|---------|---------|----------------|--------------------|
|   |                |            | a                    | b      | c       | d       | e       |                |                    |
|  | LR17           | 1/2        | 4 9/16               | 1 3/8  | 2 1/4   | 1 5/16  | 3 3/16  | 4              | N/A                |
|   | LR27           | 3/4        | 5 5/16               | 1 3/8  | 2 7/16  | 1 1/8   | 3 13/16 | 6.9            | 3 #6AWG            |
|   | LR37           | 1          | 6                    | 1 3/8  | 2 3/4   | 1 3/8   | 4 1/2   | 10.5           | 3 #4AWG            |
|   | LR47           | 1 1/4      | 6 1/2                | 2 3/16 | 3 3/16  | 1 3/4   | 5       | 19.5           | 3 #2AWG            |
|   | LR57           | 1 1/2      | 7 1/8                | 2 3/16 | 3 3/16  | 1 15/16 | 5 7/16  | 27             | 3 #2AWG            |
|   | LR67           | 2          | 8 3/8                | 3 3/8  | 4 1/8   | 2 7/16  | 6 3/8   | 50             | 3 #3/0AWG          |
|   | LR77           | 2 1/2      | 10 1/2               | 3 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 102            | 3 #250MCM          |
|   | LR87           | 3          | 10 1/2               | 4 3/8  | 5 3/4   | 3 3/16  | 8 3/8   | 126            | 3 #250MCM          |
|   | LR97           | 3 1/2      | 12 11/16             | 4 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 210            | 3 #350MCM          |
|   | LR107          | 4          | 12 11/16             | 5 3/8  | 6 15/16 | 4 1/2   | 10 1/4  | 238            | 3 #350MCM          |