

Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following
Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Applications

- Serve as pulling fittings.
- Make bends in conduit system.
- Provide openings for splicing.
- Connect and change direction of conduit runs.
- Allow connections for branch runs.
- Permit access to conductors for maintenance.

Features

- Smooth, rounded integral bushings in hubs protect conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and excellent ground continuity.
- Form 35™ malleable iron Unilets™: high tensile strength and ductility. High corrosion-resistance, high impact and shock resistance.
- Exclusive built-in easy-pulling rollers in type C (1-1/4" thru 4") and type LB (1-1/4" thru 4"): eliminate damage when cable is pulled through hubs.
- Sizes with flat-back design ideal where fitting is mounted flat against surface.
- 1/2" to 3" blank covers are domed for extra wiring space.

Standard Materials

- Bodies: malleable iron
- Blank covers: malleable iron, steel or aluminum
- Cover screws: stainless steel
- Gaskets: neoprene or composition fiber

Standard Finishes

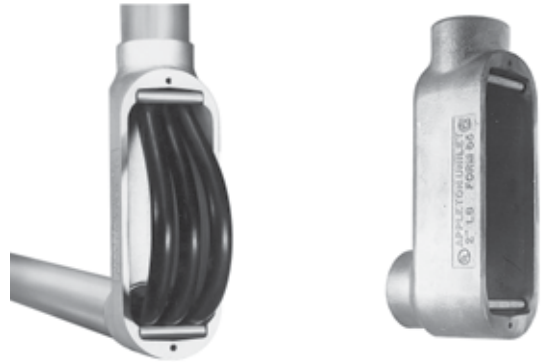
- Malleable iron bodies and covers: triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel covers: zinc electroplate

NEC/CEC Certifications and Compliances

- UL Standards: 514A, 514B
- UL Listed: E2527
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065183
- NEMA Standard: FB-1

Related Products

- For explosionproof conduit outlet bodies and boxes, see *Enclosures and Junction Boxes in Protection and Control of Electrical Apparatus and Circuits Catalog*.



2" Type LB with rollers shown

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Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Threaded Type Conduit Bodies

| Hub Size (Inches) | Max. Wire Fill | C | Max. Wire Fill | E | Max. Wire Fill | LB |
|-------------------|----------------|---|----------------|--|----------------|---|
| | |  | |  | |  |
| 1/2 | ① | C-50M | ① | E-50M | ① | LB-50M |
| 3/4 | (3) # 6 | C-75M | (3) # 6 | E-75M | (3) # 6 | LB-75M |
| 1 | (3) # 4 | C-100M | (3) # 4 | E-100M | (3) # 4 | LB-100M |
| 1-1/4 | (3) # 2 | C-125M ② | (3) # 2 | E-125M | (3) # 2 | LB-125M ② |
| 1-1/2 | (3) # 1/0 | C-150M ② | (3) # 1/0 | E-150M | (3) # 1/0 | LB-150M ② |
| 2 | (3) # 4/0 | C-200M ② | — | — | (3) # 4/0 | LB-200M ② |
| 2-1/2 | (3) 300 | C-250M ② | — | — | (3) 300 | LB-250M ② |
| 3 | (3) 300 | C-300M ② | — | — | (3) 400 | LB-300M ② |
| 3-1/2 | (3) 350 | C-350M ② | — | — | (3) 500 | LB-350M ② |
| 4 | (3) 350 | C-400M ② | — | — | (3) 500 | LB-400M ② |
| 5 | — | — | — | — | (3) 600 | LB-500M |
| 6 | — | — | — | — | (3) 700 | LB-600M |

| Hub Size (Inches) | Max. Wire Fill | LRL ③ | Max. Wire Fill | T | Max. Wire Fill | TA |
|-------------------|----------------|---|----------------|--|----------------|---|
| | |  | |  | |  |
| 1/2 | ① | LRL-50M | ① | T-50M | ① | TA-50M |
| 3/4 | (3) # 6 | LRL-75M | (3) # 6 | T-75M | (3) # 6 | TA-75M |
| 1 | (3) # 4 | LRL-100M | (3) # 6 | T-100M | (3) # 4 | TA-100M |
| 1-1/4 | (3) # 2 | LRL-125M | (3) # 6 | T-125M | — | — |
| 1-1/2 | (3) # 1/0 | LRL-150M | (3) # 4 | T-150M | — | — |
| 2 | (3) # 4/0 | LRL-200M | (3) # 1/0 | T-200M | — | — |
| 2-1/2 | — | — | (3) 300 | T-250M | — | — |
| 3 | — | — | (3) 300 | T-300M | — | — |
| 3-1/2 | — | — | (3) 350 | T-350M | — | — |
| 4 | — | — | (3) 350 | T-400M | — | — |

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

② Catalog numbers having roller feature, all others do not.



③ LRL Unilets have double opening and are furnished with one steel cover, assembled.



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NEC/CEC – Suitable for use in the following
Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Threaded Type Conduit Bodies

| Hub Size (Inches) | Max. Wire Fill | LL | Max. Wire Fill | LR |
|-------------------|----------------|---|----------------|---|
| | |  | |  |
| 1/2 | ① | LL-50M | ① | LR-50M |
| 3/4 | (3) # 6 | LL-75M | (3) # 6 | LR-75M |
| 1 | (3) # 4 | LL-100M | (3) # 4 | LR-100M |
| 1-1/4 | (3) # 2 | LL-125M | (3) # 2 | LR-125M |
| 1-1/2 | (3) # 1/0 | LL-150M | (3) # 1/0 | LR-150M |
| 2 | (3) # 4/0 | LL-200M | (3) # 4/0 | LR-200M |
| 2-1/2 | (3) 300 | LL-250M | (3) 300 | LR-250M |
| 3 | (3) 350 | LL-300M | (3) 350 | LR-300M |
| 3-1/2 | (3) 350 | LL-350M | (3) 350 | LR-350M |
| 4 | (3) 350 | LL-400M | (3) 350 | LR-400M |
| 5 | — | — | — | — |
| 6 | — | — | — | — |

| Hub Size (Inches) | Max. Wire Fill | TB | Max. Wire Fill | X |
|-------------------|----------------|---|----------------|---|
| | |  | |  |
| 1/2 | ① | TB-50M | ① | X-50M |
| 3/4 | (3) # 6 | TB-75M | (3) # 6 | X-75M |
| 1 | (3) # 6 | TB-100M | (3) # 4 | X-100M |
| 1-1/4 | (3) # 6 | TB-125M | (3) # 4 | X-125M |
| 1-1/2 | (3) # 4 | TB-150M | (3) # 1/0 | X-150M |
| 2 | (3) # 1/0 | TB-200M | (3) # 2/0 | X-200M |
| 2-1/2 | — | — | — | — |
| 3 | — | — | — | — |
| 3-1/2 | — | — | — | — |
| 4 | — | — | — | — |

Back Style for Form 35™ Unilet Conduit Body Sizes (Inches)

| Unilet Body | Flat Back | Round Back | Unilet Body | Flat Back | Round Back |
|-------------|-------------|--------------|-------------|-------------|----------------|
| C, LB | 1/2 – 2 | 2-1/2 and up | TB | 1/2 – 1-1/2 | 1/2, 3/4, 1, 2 |
| E | 1/2 – 1-1/2 | 1-1/4 and up | X | 1/2 – 2 | 1-1/4 and up |
| LL, LR, T | 1/2 – 2 | 2-1/2 and up | TA | All sizes | — |

① All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.

Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC — Suitable for use in the following

Hazardous Locations:

Class I, Division 2 per NEC 501.10(B)(4)

Wiring Capacity: Combine Body and Cover Capacities for Total Usable Capacity per NEC 314.16(A)

| Hub Size (Inches) | Capacity dm ³ (in ³) | | | | | | | | | Stamped Cover | Cast Cover |
|----------------------|---|-----------------|--------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| | C | E | LB | LL & LR | LRL | T | TA | TB | X | | |
| 1/2 | 0.07 (4.50) | 0.07 (4.50) | 0.07 (4.50) | 0.07 (4.50) | 0.08 (5.00) | 0.10 (6.00) | 0.07 (4.30) | 0.07 (4.30) | 0.10 (6.00) | 0.01 (0.50) | 0.00 (0.00) |
| 3/4 | 0.12 (7.50) | 0.12 (7.50) | 0.12 (7.50) | 0.12 (7.50) | 0.14 (8.80) | 0.16 (9.50) | 0.11 (7.00) | 0.11 (7.00) | 0.16 (9.50) | 0.01 (0.80) | 0.00 (0.30) |
| 1 | 0.20 (12.50) | 0.20 (12.50) | 0.20 (12.50) | 0.20 (12.50) | 0.23 (14.30) | 0.25 (15.00) | 0.25 (15.00) | 0.21 (13.00) | 0.25 (15.00) | 25.4 (1.00) | 0.01 (0.50) |
| 1-1/4 | 0.57 (35.00) | 0.48 (29.30) | 0.53 (32.30) | 0.52 (32.00) | 0.57 (34.80) | 0.54 (33.00) | — | 0.57 (35.00) | 0.52 (31.50) | 0.04 (2.50) | 0.01 (0.80) |
| 1-1/2 | 0.58 (35.30) | 0.53 (32.50) | 0.58 (35.30) | 0.58 (35.30) | 0.66 (40.00) | 0.59 (36.00) | — | 0.58 (35.30) | 0.66 (40.00) | 0.04 (2.50) | 0.01 (0.80) |
| 2 | 1.23 (75.00) | — | 1.20 (73.00) | 1.20 (73.00) | 1.39 (85.00) | 1.16 (71.00) | — | 1.16 (71.00) | 1.16 (71.00) | 0.11 (6.50) | 0.02 (1.00) |
| 2-1/2 | 2.34 (143.00) | — | 2.28 (139.00) | 2.30 (140.50) | — | 2.39 (146.00) | — | — | — | 0.29 (18.00) | 0.49 (30.00) |
| 3 | 2.95 (180.00) | — | 2.90 (177.00) | 2.87 (175.00) | — | 3.03 (185.00) | — | — | — | 0.29 (18.00) | 0.49 (30.00) |
| 3-1/2 | 4.97 (303.00) | — | 4.92 (300.00) | 4.92 (300.00) | — | 5.15 (314.00) | — | — | — | — | 0.82 (50.00) |
| 4 | 5.57 (340.00) | — | 5.41 (330.00) | 5.41 (330.00) | — | 5.65 (345.00) | — | — | — | — | 0.82 (50.00) |
| 5 | — | — | 12.39 (756.00) | — | — | — | — | — | — | — | — |
| 6 | — | — | 21.76 (1328.00) | — | — | — | — | — | — | — | — |

APPLETON™







COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

Covers Furnished with Stainless Steel Fastening Screws.

NEC/CEC — Suitable for use in the following
Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Covers and Gaskets ①

| Body Size (Inches) | Blank Stamped Steel | Blank Cast Malleable | Neoprene | Composition Fiber |
|--------------------|--|---|---|---|
| |  Domed: 1/2" – 3" |  Flat: 1/2" – 2" |  |  |
| |  Flat: 3-1/2" – 6" |  Domed: 2-1/2" – 4" | Tear out inner section to convert to "open type" gasket. | |
| 1/2 | K50 | K50-CM | GK50-N | GK50-V |
| 3/4 | K75 | K75-CM | GK75-N | GK75-V |
| 1 | K100 | K100-CM | GK100-N | GK100-V |
| 1-1/4 | K125-150 | K125-150-CM | GK125-150-N | GK125-150-V |
| 1-1/2 | K125-150 | K125-150-CM | GK125-150-N | GK125-150-V |
| 2 | K200 | K200-CM | GK200-N | GK200-V |
| 2-1/2 | K250-300 | K250-300-CM | GK250-300-N | GK-250-300-V |
| 3 | K250-300 | K250-300-CM | GK250-300-N | GK-250-300-V |
| 3-1/2 | K350-400 | K350-400-CM | GK350-400-N | GK-350-400-V |
| 4 | K350-400 | K350-400-CM | GK350-400-N | GK-350-400-V |
| 5 | K500 | — | GK500-SN ② | — |
| 6 | K600 | — | GK600-SN ② | — |

① Refer to previous page for Wiring Capacity Table.

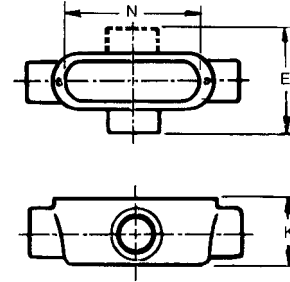
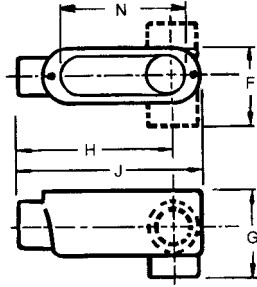
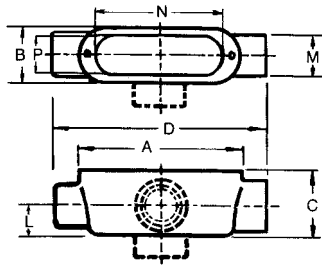
② Not perforated.

Form 35™ Malleable Iron Conduit Outlet Bodies, Covers and Gaskets

Threaded Type for use with Rigid Metal Conduit and IMC; Compression Type for use with Threadless Rigid Metal Conduit.

NEC/CEC — Suitable for use in the following
Hazardous Locations:
Class I, Division 2 per NEC 501.10(B)(4)

Threaded Type Dimensions in Millimeters (Inches)



Types A, C, TA, TB

Types E, LB, LL, LR, LRL

Types T, X

| Hub Size | A | B | C | D | E | F | G | H | J | K | L | M | N | P |
|----------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| 1/2 | 100.1 (3.94) | 33.3 (1.31) | 36.6 (1.44) | 136.7 (5.38) | 68.3 (2.69) | 50.8 (2.00) | 54.1 (2.13) | 100.1 (3.94) | 117.6 (4.63) | 44.5 (1.75) | 16.0 (0.63) | 30.2 (1.19) | 80.3 (3.16) | 25.4 (1.00) |
| 3/4 | 117.6 (4.63) | 39.6 (1.56) | 42.9 (1.69) | 153.9 (6.06) | 73.2 (2.88) | 55.6 (2.19) | 58.7 (2.31) | 112.8 (4.44) | 136.7 (5.38) | 50.8 (2.00) | 19.1 (0.75) | 35.1 (1.38) | 96.0 (3.78) | 31.0 (1.22) |
| 1 | 136.7 (5.38) | 46.0 (1.81) | 49.3 (1.94) | 181.1 (7.13) | 85.9 (3.38) | 65.0 (2.56) | 68.3 (2.69) | 130.3 (5.13) | 158.8 (6.25) | 57.2 (2.25) | 23.9 (0.94) | 42.9 (1.69) | 115.1 (4.53) | 37.3 (1.47) |
| 1-1/4 | 182.6 (7.19) | 63.5 (2.50) | 65.0 (2.56) | 233.4 (9.19) | 114.3 (4.50) | 88.9 (3.50) | 90.4 (3.56) | 179.3 (7.06) | 208.0 (8.19) | 65.0 (2.56) | 30.2 (1.19) | 50.8 (2.00) | 152.4 (6.00) | 50.8 (2.00) |
| 1-1/2 | 182.6 (7.19) | 63.5 (2.50) | 69.9 (2.75) | 233.4 (9.19) | 114.3 (4.50) | 88.9 (3.50) | 95.3 (3.75) | 173.0 (6.81) | 208.0 (8.19) | 69.9 (2.75) | 35.1 (1.38) | 60.5 (2.38) | 152.4 (6.00) | 50.8 (2.00) |
| 2 | 241.3 (9.50) | 79.5 (3.13) | 85.9 (3.38) | 295.4 (11.63) | 133.4 (5.25) | 106.4 (4.19) | 117.6 (4.63) | 227.1 (8.94) | 268.2 (10.56) | 85.9 (3.38) | 41.4 (1.63) | 74.7 (2.94) | 204.7 (8.06) | 65.0 (2.56) |
| 2-1/2 | 311.2 (12.25) | 109.5 (4.31) | 98.6 (3.88) | 384.3 (15.13) | — | 146.1 (5.75) | 133.4 (5.25) | 301.8 (11.88) | 347.7 (13.69) | 98.6 (3.88) | 46.0 (1.81) | 85.9 (3.38) | 270.0 (10.63) | 93.7 (3.69) |
| 3 | 311.2 (12.25) | 109.5 (4.31) | 117.6 (4.63) | 384.3 (15.13) | — | 146.1 (5.75) | 152.4 (6.00) | 293.6 (11.56) | 347.7 (13.69) | 117.6 (4.63) | 55.6 (2.19) | 104.9 (4.13) | 270.0 (10.63) | 93.7 (3.69) |
| 3-1/2 | 378.0 (14.88) | 139.7 (5.50) | 131.8 (5.19) | 460.5 (18.13) | — | 181.1 (7.13) | 173.0 (6.81) | 355.6 (14.00) | 419.1 (16.50) | 131.8 (5.19) | 63.5 (2.50) | 120.7 (4.75) | 333.5 (13.13) | 124.0 (4.88) |
| 4 | 378.0 (14.88) | 139.7 (5.50) | 141.2 (5.56) | 460.5 (18.13) | — | 181.1 (7.13) | 182.6 (7.19) | 349.3 (13.75) | 419.1 (16.50) | 141.2 (5.56) | 69.9 (2.75) | 130.3 (5.13) | 333.5 (13.13) | 124.0 (4.88) |
| 5 | 463.6 (18.25) | 184.2 (7.25) | 177.8 (7.00) | — | — | — | 228.6 (9.00) | 428.8 (16.88) | 514.4 (20.25) | — | 85.9 (3.38) | 165.1 (6.50) | 412.8 (16.25) | 165.1 (6.50) |
| 6 | 584.2 (23.00) | 219.2 (8.63) | 220.7 (8.69) | — | — | — | 271.5 (10.69) | 534.9 (21.06) | 635.0 (25.00) | — | 100.1 (3.94) | 192.0 (7.56) | 533.4 (21.00) | 198.4 (7.81) |

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