

# FM7™ 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.
- Wedge-Lok™ Form-IN-Place covers with integral gasket are approved for use in wet locations. Grayloy-iron bodies with cast covers and gasket are approved for use in wet locations.
- Unique Wedge-Lok™ clip cover design allows easy removal at any later time, without damaging the conduit body. The cover is secured with clips, not screws.
- Completely interchangeable with Crouse-Hinds™ Form 7™ bodies, gaskets and covers. Equivalent FM7™ and Form 7™ units have identical applications and installation dimensions.
- Flat back design provides greater cubic content for easier wire pulling, and more room for splicing. Fits flush and snug against flat surfaces for more stable installation.
- Smooth hub bushings and cover openings protect conductor insulation. Smooth hub openings allow easy conduit joining.
- Pan-head cover screws secure cover clips and provide superior screwdriver seating and torque. Cover screws and clips are captive to prevent loss.
- Hub size, body style, compliance data, maximum wire number/size and cubic capacity molded into body.

## Standard Materials

- Body: Grayloy-iron or copperfree (4/10 of 1% max.) aluminum
- Covers: Grayloy-iron, copperfree (4/10 of 1% max.) aluminum or steel
- Cover screws: stainless steel

## Standard Finishes

- Grayloy-iron bodies and covers: triplecoat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Cast aluminum bodies and covers: epoxy powder coat
- Steel covers: zinc electroplate
- Stamped aluminum covers: natural finish

## Options

- PVC coating available on select bodies and covers. Add suffix **-PVC** to catalog number.

## NEC/GEC Certifications and Compliances

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



Type LB

## Illustrated Features



Conduit Body with Cast Aluminum Cover, 1" Type C shown



Grayloy™-Iron, 1" Type C shown with cut-away body and cover to illustrate Wedge-Lok™ Clip Cover detail

Illustrated views are cut away to demonstrate back configurations.



Appleton™ FM7™ (C57, 1-1/2")  
28 Cubic Inches Capacity  
Flat-Back Design



Crouse-Hinds Form 7™  
(C57, 1-1/2")  
26 Cubic Inches Capacity




† Crouse-Hinds and Form 7™ are registered trademarks of Cooper Crouse-Hinds.




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## Appleton™ FM7™ Conduit Bodies ①

| Hub Size<br>(Inches) | Max. Wire<br>Fill | C   |               | Max. Wire<br>Fill | LB  |                 | Max. Wire<br>Fill | LL  |                 |
|----------------------|-------------------|---|---------------|-------------------|---|-----------------|-------------------|---|-----------------|
|                      |                   | Grayloy-Iron  | Aluminum ④    |                   | Grayloy-Iron  | Aluminum ④      |                   | Grayloy-Iron  | Aluminum ④      |
|                      |                   |  |               |                   |  |                 |                   |  |                 |
| 1/2                  | ③                 | <b>C17</b>  | <b>C-17SA</b> | ③                 | <b>LB17</b>   | <b>LB-17SA</b>  | ③                 | <b>LL17</b>   | <b>LL-17SA</b>  |
| 3/4                  | (3) # 6           | <b>C27</b>  | <b>C-27SA</b> | (3) # 6           | <b>LB27</b>   | <b>LB-27SA</b>  | (3) # 6           | <b>LL27</b>   | <b>LL-27SA</b>  |
| 1                    | (3) # 4           | <b>C37</b>  | <b>C-37SA</b> | (3) # 4           | <b>LB37</b>   | <b>LB-37SA</b>  | (3) # 4           | <b>LL37</b>   | <b>LL-37SA</b>  |
| 1-1/4                | (3) # 3           | <b>C47</b>  | <b>C-47SA</b> | (3) # 3           | <b>LB47</b>   | <b>LB-47SA</b>  | (3) # 2           | <b>LL47</b>   | <b>LL-47SA</b>  |
| 1-1/2                | (3) # 3           | <b>C57</b>  | <b>C-57SA</b> | (3) # 3           | <b>LB57</b>   | <b>LB-57SA</b>  | (3) # 2           | <b>LL57</b>   | <b>LL-57SA</b>  |
| 2                    | (3) # 1/0         | <b>C67</b>  | <b>C-67SA</b> | (3) # 1/0         | <b>LB67</b>   | <b>LB-67SA</b>  | (3) # 3/0         | <b>LL67</b>   | <b>LL-67SA</b>  |
| 2-1/2                | (3) 2/0           | <b>C77</b>  | <b>C-77SA</b> | (3) 3/0           | <b>LB77</b>   | <b>LB-77SA</b>  | (3) 250           | <b>LL77</b>   | <b>LL-77SA</b>  |
| 3                    | (3) 2/0           | <b>C87</b>  | <b>C-87SA</b> | (3) 2/0           | <b>LB87</b>   | <b>LB-87SA</b>  | (3) 250           | <b>LL87</b>   | <b>LL-87SA</b>  |
| 3-1/2                | —                 | —   | —             | (3) 300           | <b>LB97</b>   | <b>LB-97SA</b>  | (3) 350           | <b>LL97</b>   | <b>LL-97SA</b>  |
| 4                    | —                 | —   | —             | (3) 350           | <b>LB107</b>  | <b>LB-107SA</b> | (3) 350           | <b>LL107</b>  | <b>LL-107SA</b> |

| Hub Size<br>(Inches) | Max. Wire<br>Fill | E   |               | Max. Wire<br>Fill | L ②   |            | Max. Wire<br>Fill | TA  |          |
|----------------------|-------------------|---|---------------|-------------------|---|------------|-------------------|---|----------|
|                      |                   | Grayloy-Iron  | Aluminum      |                   | Grayloy-Iron  | Aluminum ④ |                   | Grayloy-Iron  | Aluminum |
|                      |                   |  |               |                   |  |            |                   |  |          |
| 1/2                  | ③                 | <b>E17</b>  | <b>E-17SA</b> | ③                 | <b>L17</b>  | —          | ③                 | <b>TA17</b>   | —        |
| 3/4                  | (3) # 6           | <b>E27</b>  | <b>E-27SA</b> | (3) # 6           | <b>L27</b>  | —          | (3) # 6           | <b>TA27</b>   | —        |
| 1                    | (3) # 4           | <b>E37</b>  | <b>E-37SA</b> | (3) # 4           | <b>L37</b>  | —          | (3) # 4           | <b>TA37</b>   | —        |
| 1-1/4                | —                 | —   | —             | (3) # 2           | <b>L47</b>  | —          | (3) # 3           | <b>TA47</b>   | —        |
| 1-1/2                | —                 | —   | —             | (3) # 2           | <b>L57</b>  | —          | (3) # 2           | <b>TA57</b>   | —        |
| 2                    | —                 | —   | —             | (3) # 2           | <b>L67</b>  | —          | (3) # 2           | <b>TA67</b>   | —        |

① Refer to following pages for Wiring Capacity Table.

② L Unilets have double opening and are furnished with one steel cover, assembled.

③ All 1/2" Max Wire Fill Calculations per the NEC - Annex C - Table C8.



④ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number.



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## Appleton™ FM7™ Conduit Bodies ①

| Hub Size<br>(Inches) | Max. Wire<br>Fill | LR  |            | Max. Wire<br>Fill | T   |            |
|----------------------|-------------------|---|------------|-------------------|---|------------|
|                      |                   | Grayloy-Iron  | Aluminum ③ |                   | Grayloy-Iron  | Aluminum ③ |
|                      |                   |  |            |                   |  |            |
| 1/2                  | ②                 | LR17  | LR-17SA    | ②                 | T17   | T-17SA     |
| 3/4                  | (3) # 6           | LR27  | LR-27SA    | (3) # 6           | T27   | T-27SA     |
| 1                    | (3) # 4           | LR37  | LR-37SA    | (3) # 4           | T37   | T-37SA     |
| 1-1/4                | (3) # 2           | LR47  | LR-47SA    | (3) # 3           | T47   | T-47SA     |
| 1-1/2                | (3) # 2           | LR57  | LR-57SA    | (3) # 3           | T57   | T-57SA     |
| 2                    | (3) # 2           | LR67  | LR-67SA    | (3) # 2           | T67   | T-67SA     |
| 2-1/2                | —                 | LR77  | LR-77SA    | (3) 1/0           | T77   | T-77SA     |
| 3                    | (3) 250           | LR87  | LR-87SA    | (3) 1/0           | T87   | T-87SA     |
| 3-1/2                | (3) 350           | LR97  | LR-97SA    | (3) 3/0           | T97   | T-97SA     |
| 4                    | (3) 350           | LR107   | LR-107SA   | (3) 3/0           | T107  | T-107SA    |

| Hub Size<br>(Inches) | Max. Wire<br>Fill | TB  |            | Max. Wire<br>Fill | X   |            |
|----------------------|-------------------|---|------------|-------------------|---|------------|
|                      |                   | Grayloy-Iron  | Aluminum ③ |                   | Grayloy-Iron  | Aluminum ③ |
|                      |                   |  |            |                   |  |            |
| 1/2                  | ②                 | TB17  | TB-17SA    | ②                 | X17   | X-17SA     |
| 3/4                  | (3) # 6           | TB27  | TB-27SA    | (3) # 6           | X27   | X-27SA     |
| 1                    | (3) # 4           | TB37  | TB-37SA    | (3) # 4           | X37   | X-37SA     |
| 1-1/4                | (3) # 3           | TB47  | TB-47SA    | (3) # 3           | X47   | X-47SA     |
| 1-1/2                | (3) # 2           | TB57  | TB-57SA    | (3) # 2           | X57   | X-57SA     |
| 2                    | (3) # 2           | TB67  | TB-67SA    | (3) # 2           | X67   | X-67SA     |

① Refer to following pages for Wiring Capacity Table.

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




③ PVC coating available on select aluminum bodies. Add suffix **-PVC** to catalog number.

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## Wedge-Lok™ Clip Covers, Gaskets (Covers furnished with stainless steel screws)

| Body Size(Inches) | Wedge-Lok<br>Cast Cover   |          | Wedge-Lok<br>Stamped Cover  |            | Solid Neoprene<br>Gasket  |
|-------------------|---|----------|---|------------|---|
|                   | Grayloy-Iron  | Aluminum | Steel   | Aluminum ① |   |
|                   |  |          |  |            |  |
| 1/2               | 170F  | 170F-SA  | 170   | 170-SA     | GASK571   |
| 3/4               | 270F  | 270F-SA  | 270   | 270-SA     | GASK572   |
| 1                 | 370F  | 370F-SA  | 370   | 370-SA     | GASK573   |
| 1-1/4             | 470F  | 470F-SA  | 470   | 470-SA     | GASK574   |
| 1-1/2             | 570F  | 570F-SA  | 570   | 570-SA     | GASK575   |
| 2                 | 670F  | 670F-SA  | 670   | 670-SA     | GASK576   |
| 2-1/2             | 870F  | 870F-SA  | 870   | 870-SA     | GASK578   |
| 3                 | 870F  | 870F-SA  | 870   | 870-SA     | GASK578   |
| 3-1/2             | 970F  | 970F-SA  | 970   | 970-SA     | GASK579   |
| 4                 | 970F  | 970F-SA  | 970   | 970-SA     | GASK579   |

① PVC coating available on select aluminum covers. Add suffix **-PVC** to catalog number.

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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<br>(Inches)                                  | Capacity — dm <sup>3</sup> (in <sup>3</sup> ) |                 |                  |                  |                 |                  |                 |                 |                 | Stamped<br>Cover | Cast<br>Cover   |
|---|---|-----------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|------------------|-----------------|
|   | C   | E               | LB               | LL LR            | L               | T                | TA              | TB              | X               |                  |                 |
| <b>FM7™ Grayloy™-Iron Bodies and Covers: Threaded</b> |   |                 |                  |                  |                 |                  |                 |                 |                 |                  |                 |
| 1/2   | 0.07<br>(4.00)                                | 0.07<br>(4.00)  | 0.07<br>(4.00)   | 0.07<br>(4.00)   | 0.08<br>(5.00)  | 0.10<br>(6.00)   | 0.10<br>(6.00)  | 0.10<br>(6.00)  | 0.10<br>(6.00)  | 0.00<br>(0.30)   | 0.01<br>(0.40)  |
| 3/4   | 0.11<br>(7.00)                                | 0.11<br>(7.00)  | 0.11<br>(7.00)   | 0.11<br>(7.00)   | 0.15<br>(9.00)  | 0.16<br>(10.00)  | 0.16<br>(10.00) | 0.16<br>(10.00) | 0.16<br>(10.00) | 0.01<br>(0.50)   | 0.01<br>(0.80)  |
| 1   | 0.18<br>(11.00)                               | 0.18<br>(11.00) | 0.18<br>(11.00)  | 0.18<br>(11.00)  | 0.22<br>(13.50) | 0.25<br>(15.50)  | 0.25<br>(15.50) | 0.25<br>(15.50) | 0.25<br>(15.50) | 0.02<br>(1.30)   | 0.02<br>(1.30)  |
| 1-1/4   | 0.33<br>(20.00)                               | —               | 0.33<br>(20.00)  | 0.33<br>(20.00)  | 0.37<br>(22.50) | 0.33<br>(20.00)  | 0.33<br>(20.00) | 0.33<br>(20.00) | 0.33<br>(20.00) | 0.03<br>(1.80)   | 0.03<br>(2.00)  |
| 1-1/2   | 0.46<br>(28.00)                               | —               | 0.46<br>(28.00)  | 0.46<br>(28.00)  | 0.51<br>(31.00) | 0.46<br>(28.00)  | 0.46<br>(28.00) | 0.46<br>(28.00) | 0.46<br>(28.00) | 0.04<br>(2.30)   | 0.05<br>(3.00)  |
| 2   | 0.82<br>(50.00)                               | —               | 0.82<br>(50.00)  | 0.82<br>(50.00)  | 0.82<br>(50.00) | 0.82<br>(50.00)  | 0.82<br>(50.00) | 0.82<br>(50.00) | 0.82<br>(50.00) | 0.05<br>(2.80)   | 0.08<br>(4.80)  |
| 2-1/2   | 1.67<br>(102.00)                              | —               | 1.67<br>(102.00) | 1.67<br>(102.00) | —               | 1.67<br>(102.00) | —               | —               | —               | 0.16<br>(9.80)   | 0.16<br>(9.70)  |
| 3   | 2.18<br>(133.00)                              | —               | 2.18<br>(133.00) | 2.18<br>(133.00) | —               | 2.18<br>(133.00) | —               | —               | —               | 0.16<br>(9.80)   | 0.16<br>(9.70)  |
| 3-1/2   | —   | —               | 3.57<br>(218.00) | 3.57<br>(218.00) | —               | 3.57<br>(218.00) | —               | —               | —               | 0.27<br>(16.50)  | 0.26<br>(16.00) |
| 4   | —   | —               | 4.00<br>(244.00) | 4.00<br>(244.00) | —               | 4.00<br>(244.00) | —               | —               | —               | 0.27<br>(16.50)  | 0.26<br>(16.00) |
| <b>FM7™ Aluminum Bodies and Covers: Threaded</b>      |   |                 |                  |                  |                 |                  |                 |                 |                 |                  |                 |
| 1/2   | 0.07<br>(4.00)                                | 0.07<br>(4.00)  | 0.07<br>(4.00)   | 0.07<br>(4.00)   | —               | 0.10<br>(6.00)   | —               | 0.10<br>(6.00)  | 0.10<br>(6.00)  | 0.005<br>(0.30)  | 0.007<br>(0.40) |
| 3/4   | 0.11<br>(7.00)                                | 0.11<br>(7.00)  | 0.11<br>(7.00)   | 0.11<br>(7.00)   | —               | 0.16<br>(10.00)  | —               | 0.16<br>(10.00) | 0.16<br>(10.00) | 0.008<br>(0.50)  | 0.01<br>(0.80)  |
| 1   | 0.18<br>(11.00)                               | 0.18<br>(11.00) | 0.18<br>(11.00)  | 0.18<br>(11.00)  | —               | 0.25<br>(15.50)  | —               | 0.25<br>(15.50) | 0.25<br>(15.50) | 0.02<br>(1.30)   | 0.02<br>(1.30)  |
| 1-1/4   | 0.33<br>(20.00)                               | —               | 0.33<br>(20.00)  | 0.33<br>(20.00)  | —               | 0.33<br>(20.00)  | —               | 0.33<br>(20.00) | 0.33<br>(20.00) | 0.03<br>(1.80)   | 0.03<br>(2.00)  |
| 1-1/2   | 0.46<br>(28.00)                               | —               | 0.46<br>(28.00)  | 0.46<br>(28.00)  | —               | 0.46<br>(28.00)  | —               | 0.46<br>(28.00) | 0.46<br>(28.00) | 0.04<br>(2.30)   | 0.05<br>(3.00)  |
| 2   | 0.82<br>(50.00)                               | —               | 0.82<br>(50.00)  | 0.82<br>(50.00)  | —               | 0.82<br>(50.00)  | —               | 0.82<br>(50.00) | 0.82<br>(50.00) | 0.05<br>(2.80)   | 0.08<br>(4.80)  |
| 2-1/2   | 1.67<br>(102.00)                              | —               | 1.67<br>(102.00) | 1.67<br>(102.00) | —               | 1.67<br>(102.00) | —               | —               | —               | 0.16<br>(9.80)   | 0.16<br>(9.70)  |
| 3   | 2.18<br>(133.00)                              | —               | 2.18<br>(133.00) | 2.18<br>(133.00) | —               | 2.18<br>(133.00) | —               | —               | —               | 0.16<br>(9.80)   | 0.16<br>(9.70)  |
| 3-1/2   | —   | —               | 3.57<br>(218.00) | 3.57<br>(218.00) | —               | 3.57<br>(218.00) | —               | —               | —               | 0.27<br>(16.50)  | 0.26<br>(16.00) |
| 4   | —   | —               | 4.00<br>(244.00) | 4.00<br>(244.00) | —               | 4.00<br>(244.00) | —               | —               | —               | 0.27<br>(16.50)  | 0.26<br>(16.00) |

Appleton

COMMERCIAL AND INDUSTRIAL FITTINGS: CONDUIT BODIES

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

FM7™ Covers with Integral Form-In-Place Gasket.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

## Applications

- Cover with integral gasket for FM7™ conduit bodies.
- Can be used as replacement covers for installed bodies or in new installations.

## Features

- Benefit from superior sealing, reduced inventory parts and faster installation times.
- Captive pan-head screws.
- Wedge-Lok™ clips (FM7™ only) provide superior screwdriver torque and cover seating.
- High-strength, corrosion and weather resistant.
- Approved for wet locations.
- Fits all body configurations and sizes from 1/2" thru 4".
- Operating temperature: -54 °C to +150 °C (-65 °F to +302 °F).



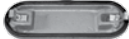

## Standard Materials

- Stamped steel
- Stamped aluminum
- Cast grayloy-iron
- Cast aluminum
- Gasket - Urethane

## NEC/CEC Certifications and Compliances

- UL Listed: E2527
- CSA Certified: 65183, Class 4413-02



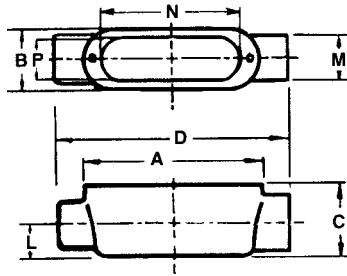
| Hub Size (Inches) | Stamped Steel   | Stamped Aluminum  | Cast Grayloy-Iron  | Cast Aluminum   |
|-------------------|---|---|--|---|
|                   |  |  |  |  |
| 1/2               | APP170IG  | APP170IGSA  | APP170FIG  | APP170FIGSA   |
| 3/4               | APP270IG  | APP270IGSA  | APP270FIG  | APP270FIGSA   |
| 1                 | APP370IG  | APP370IGSA  | APP370FIG  | APP370FIGSA   |
| 1-1/4             | APP470IG  | APP470IGSA  | APP470FIG  | APP470FIGSA   |
| 1-1/2             | APP570IG  | APP570IGSA  | APP570FIG  | APP570FIGSA   |
| 2                 | APP670IG  | APP670IGSA  | APP670FIG  | APP670FIGSA   |
| 2-1/2 and 3       | APP870IG  | APP870IGSA  | APP870FIG  | APP870FIGSA   |
| 3-1/2 and 4       | APP970IG  | APP970IGSA  | APP970FIG  | APP970FIGSA   |

# FM7™ Conduit Outlet Bodies, Covers and Gaskets

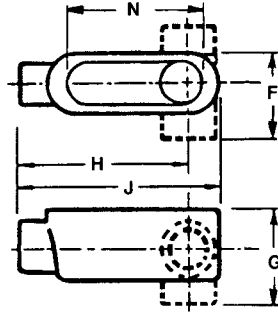
For use with Rigid Steel, Rigid Aluminum and IMC Conduit.

NEC/CEC:  
Class I, Division 2  
NEMA 3R

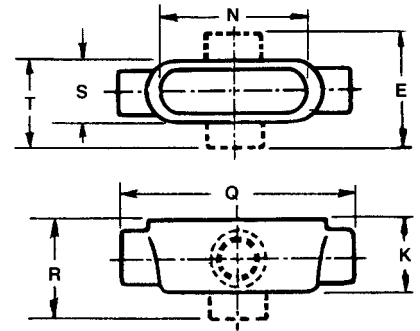
## Dimensions in Millimeters (Inches)



Type C



Type E, L, LB, LL, LR



Type T, TA, TB, X

| Hub Size (Inches) | Dimensions in Millimeters (Inches) |                 |                 |                  |                 |                 |                 |                  |                  |                 |                |                 |                  |                 |                  |                 |                 |                 |  |
|-------------------|------------------------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|-----------------|----------------|-----------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|--|
|                   | A                                  | B               | C               | D                | E               | F               | G               | H                | J                | K               | L              | M               | N                | P               | Q                | R               | S               | T               |  |
| 1/2               | 92.2<br>(3.63)                     | 35.1<br>(1.38)  | 35.1<br>(1.38)  | 136.7<br>(5.38)  | 84.1<br>(3.31)  | 57.2<br>(2.25)  | 57.2<br>(2.25)  | 100.1<br>(3.94)  | 115.8<br>(4.56)  | 44.5<br>(1.75)  | 16.0<br>(0.63) | 31.8<br>(1.25)  | 81.0<br>(3.19)   | 23.9<br>(0.94)  | 143.0<br>(5.63)  | 66.8<br>(2.63)  | 39.6<br>(1.56)  | 62.0<br>(2.44)  |  |
| 3/4               | 108.0<br>(4.25)                    | 39.6<br>(1.56)  | 41.4<br>(1.63)  | 152.4<br>(6.00)  | 88.9<br>(3.50)  | 62.0<br>(2.44)  | 63.5<br>(2.50)  | 112.8<br>(4.44)  | 131.8<br>(5.19)  | 50.8<br>(2.00)  | 19.1<br>(0.75) | 38.1<br>(1.50)  | 96.8<br>(3.81)   | 28.7<br>(1.13)  | 158.8<br>(6.25)  | 73.2<br>(2.88)  | 47.8<br>(1.88)  | 66.8<br>(2.63)  |  |
| 1                 | 127.0<br>(5.00)                    | 44.5<br>(1.75)  | 47.8<br>(1.88)  | 177.8<br>(7.00)  | 98.6<br>(3.88)  | 69.9<br>(2.75)  | 73.2<br>(2.88)  | 131.8<br>(5.19)  | 152.4<br>(6.00)  | 57.2<br>(2.25)  | 22.4<br>(0.88) | 44.5<br>(1.75)  | 114.3<br>(4.50)  | 35.1<br>(1.38)  | 184.2<br>(7.25)  | 82.6<br>(3.25)  | 50.8<br>(2.00)  | 76.2<br>(3.00)  |  |
| 1-1/4             | 139.7<br>(5.50)                    | 55.6<br>(2.19)  | 58.7<br>(2.31)  | 189.0<br>(7.44)  | 104.9<br>(4.13) | 81.0<br>(3.19)  | 84.1<br>(3.31)  | 138.2<br>(5.44)  | 165.1<br>(6.50)  | 58.7<br>(2.31)  | 28.7<br>(1.13) | 55.6<br>(2.19)  | 127.0<br>(5.00)  | 44.5<br>(1.75)  | 189.0<br>(7.44)  | 84.1<br>(3.31)  | 55.6<br>(2.19)  | 81.0<br>(3.19)  |  |
| 1-1/2             | 152.4<br>(6.00)                    | 62.0<br>(2.44)  | 65.0<br>(2.56)  | 208.0<br>(8.19)  | 117.6<br>(4.63) | 88.9<br>(3.50)  | 93.7<br>(3.69)  | 150.9<br>(5.94)  | 181.1<br>(7.13)  | 65.0<br>(2.56)  | 31.8<br>(1.25) | 62.0<br>(2.44)  | 138.2<br>(5.44)  | 49.3<br>(1.94)  | 208.0<br>(8.19)  | 92.2<br>(3.63)  | 62.0<br>(2.44)  | 90.4<br>(3.56)  |  |
| 2                 | 177.8<br>(7.00)                    | 76.2<br>(3.00)  | 79.5<br>(3.13)  | 233.4<br>(9.19)  | 131.8<br>(5.19) | 103.1<br>(4.06) | 108.0<br>(4.25) | 168.4<br>(6.63)  | 206.5<br>(8.13)  | 79.5<br>(3.13)  | 38.1<br>(1.50) | 76.2<br>(3.00)  | 162.1<br>(6.38)  | 62.0<br>(2.44)  | 233.4<br>(9.19)  | 106.4<br>(4.19) | 76.2<br>(3.00)  | 104.9<br>(4.13) |  |
| 2-1/2             | 228.6<br>(9.00)                    | 108.0<br>(4.25) | 92.2<br>(3.63)  | 304.8<br>(12.00) | —               | 146.1<br>(5.75) | 130.3<br>(5.13) | 222.3<br>(8.75)  | 266.7<br>(10.50) | 92.2<br>(3.63)  | 44.5<br>(1.75) | 88.9<br>(3.50)  | 212.9<br>(8.38)  | 90.4<br>(3.56)  | 304.8<br>(12.00) | —               | 108.0<br>(4.25) | 146.1<br>(5.75) |  |
| 3                 | 228.6<br>(9.00)                    | 108.0<br>(4.25) | 111.3<br>(4.38) | 304.8<br>(12.00) | —               | 146.1<br>(5.75) | 149.4<br>(5.88) | 212.9<br>(8.38)  | 266.7<br>(10.50) | 111.3<br>(4.38) | 54.1<br>(2.13) | 108.0<br>(4.25) | 212.9<br>(8.38)  | 90.4<br>(3.56)  | 306.3<br>(12.06) | —               | 108.0<br>(4.25) | 146.1<br>(5.75) |  |
| 3-1/2             | 279.4<br>(11.00)                   | 133.4<br>(5.25) | 124.0<br>(4.88) | —                | —               | 176.3<br>(6.94) | 166.6<br>(6.56) | 260.4<br>(10.25) | 322.3<br>(12.69) | 124.0<br>(4.88) | 60.5<br>(2.38) | 120.7<br>(4.75) | 260.4<br>(10.25) | 114.3<br>(4.50) | 363.5<br>(14.31) | —               | 133.4<br>(5.25) | 176.3<br>(6.94) |  |
| 4                 | 279.4<br>(11.00)                   | 133.4<br>(5.25) | 136.7<br>(5.38) | —                | —               | 176.3<br>(6.94) | 179.3<br>(7.06) | 254.0<br>(10.00) | 322.3<br>(12.69) | 136.7<br>(5.38) | 66.8<br>(2.63) | 133.4<br>(5.25) | 260.4<br>(10.25) | 114.3<br>(4.50) | 363.5<br>(14.31) | —               | 133.4<br>(5.25) | 176.3<br>(6.94) |  |

## Fraction/Decimal Equivalents (Inches)

| Fraction | Decimal | Fraction | Decimal | Fraction | Decimal | Fraction | Decimal |
|----------|---------|----------|---------|----------|---------|----------|---------|
| 1/16     | 0.06    | 5/16     | 0.31    | 9/16     | 0.56    | 13/16    | 0.81    |
| 1/8      | 0.13    | 3/8      | 0.38    | 5/8      | 0.63    | 7/8      | 0.88    |
| 3/16     | 0.19    | 7/16     | 0.44    | 11/16    | 0.69    | 15/16    | 0.94    |
| 1/4      | 0.25    | 1/2      | 0.50    | 3/4      | 0.75    | 1        | 1.00    |