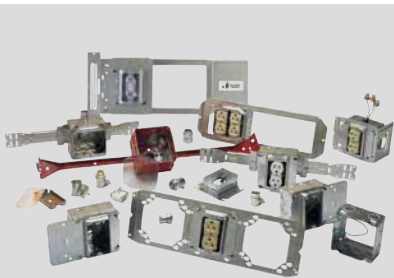




# Commercial Products Catalog

Electrical products for commercial, light industrial and residential applications

**COOPER**  Crouse-Hinds



## For more than a century, companies have relied on Cooper Crouse-Hinds for solutions they can trust to grow their business.

By integrating a comprehensive line of electrical and instrumentation products with expert support, industry insights, and local availability, Cooper Crouse-Hinds **enhances safety and productivity** in the most demanding industrial, harsh, and hazardous environments worldwide. This philosophy is at the core of every product we develop and every solution we engineer.



**COOPER** Crouse-Hinds

**CEAG**

**MTL**  
Instruments

**PAULUHN**

**CROUSE-HINDS**  
**COMMERCIAL**  
**PRODUCTS**

## The more demanding the environment, the more likely you are to find our products at the center of operations.

Cooper Crouse-Hinds manufactures over 100,000 products for NEC, IEC and ABS applications across the globe, including

- Conduit and cable fittings
- Enclosures
- Motor Controls and Electrical Apparatus
- Industrial and Marine Lighting
- Plugs & Receptacles
- Signals and Alarms
- Wireless and Solar Power
- Commercial Fittings and Outlet Boxes
- Electronic components and protection equipment for process control

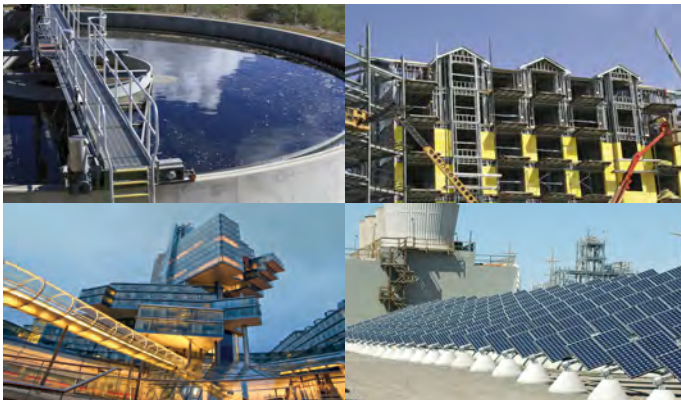
## Cooper Crouse-Hinds Commercial Products



Quality, breadth of offering and innovative products that deliver real value. Products that deliver long, dependable service, labor savings and lower installed cost, all from a single dependable source.

### New Products & Technology Leadership

We've put together nearly 50 new commercial solutions over the last several years to help you succeed. From zinc die cast fittings and weatherproof to PRE-formance™ and Solar Combiners, we have a full roster of choices all with the Cooper Crouse-Hinds quality, innovation and reliability.



The product information published in our catalogs and literature is not guaranteed. It has been compiled with care and is sufficiently accurate for most purposes. It is subject to change without notice. Occasionally, it may be necessary to modify the materials, finishes, or other components of the product. These changes will in no way reduce the performance or function for which the product is intended.

All statements, technical information and recommendations contained herein are based on information and test we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Cooper Crouse-Hinds' Terms and Conditions of Sale, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his/her intended use and assumes all risk and liability whatsoever in connection therewith.

All sales of Cooper Crouse-Hinds products are specifically subject to the Terms and Conditions of Sale as shown on Cooper Crouse-Hinds distributor price sheets.

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# Thin Wall Conduit Fittings (For EMT Conduit)

## Set Screw Type Fittings - Steel



### SET SCREW TYPE FITTINGS

#### Features:

- Tri-head screws may be installed using a slotted, phillips or Robertson head screwdriver
- Male Hub Threads - NPSM
- Steel Locknuts
- Heavy Steel Walls
- Standard Material: Steel
- Standard Finish: Zinc Plated
- Concrete Tight when taped

#### Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450	1/2"	50	9
1451	3/4"	25	14
1452	1"	20	23
1453*	1 1/4"	10	46
1454*	1 1/2"	10	50
1455*	2"	5	78
1456*†	2 1/2"	2	130
1457*†	3"	1	140
1458*†	3 1/2"	1	180
1459*†	4"	1	225

\*Two Tightening Screws

†UL and cUL Listed for EMT, IMC and Rigid Conduit

#### Straight Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450S	1/2"	50	9
451	3/4"	25	15
452	1"	20	23
453*	1 1/4"	10	46
454*	1 1/2"	10	50
455*	2"	5	77
456*†	2 1/2"	2	130
457*†	3"	1	140
458*†	3 1/2"	1	180
459*†	4"	1	225

\*Two Tightening Screws

†UL and cUL Listed for EMT, IMC and Rigid Conduit

#### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460	1/2"	50	9
461	3/4"	25	16
462	1"	20	23
463*	1 1/4"	10	42
464*	1 1/2"	10	50
465*	2"	5	77
466*†	2 1/2"	2	130
467*†	3"	1	140
468*†	3 1/2"	1	240
469*†	4"	1	250

\*Four Tightening Screws

†UL and cUL Listed for EMT, IMC and Rigid Conduit

EMT Fittings

# Thin Wall Conduit Fittings (For EMT Conduit)

## Set Screw Type Fittings - Space-Saver



### SPACE-SAVER EMT SET-SCREW CONNECTORS - STEEL

UL File No. E22132

EMT Fittings

#### Applications:

- Use to join EMT conduit to box or enclosure

#### Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface won't strip cable – no bushing or insulated throat required
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Knurled wrenching surface for easy tightening
- Zinc electroplated for corrosion resistance
- Concrete tight when taped

#### SET-SCREW CONNECTOR

- Tri-head set screw may be installed using a slotted, Phillips, or Robertson head screwdriver

#### Certifications and Compliances:

- UL Listed
- CUL Listed



Set Screw Type Connector

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>Set Screw Connector</b>			
<b>SSBC50</b>	1/2"	100	8
<b>SSBC75</b>	3/4"	50	12
<b>SSBC100</b>	1"	25	12



Cooper Crouse-Hinds Space Saver EMT Connector (on right) provides maximum useable space inside the box unlike a traditional connector with bushing.



Traditional EMT connector protrudes inside box and creates the cumbersome and labor intensive need to clip the device mounting screw to install device.



The Space Saver EMT Connector's low profile design eliminates this cumbersome and labor intensive requirement.

# Thin Wall Conduit Fittings (For EMT Conduit)

Set Screw Type Fittings - Made in the USA



## MADE IN THE USA FITTINGS

### Applications:

Made in the USA conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

### Features:

- All connectors available with or without insulated throat
- Hex surfaces on fitting body and compression nut for easy wrenching
- Couplings utilize a ridge center stop for easy identification of adequate conduit sealing within the coupling
- Set screw connectors and couplings utilize a #2 combination head screw for secure installation
- Thick, steel conduit locknut provides a strong, secure installation
- Made in the USA

### Certifications and Compliances:

- cULus Listed
- Set screw connectors & couplings - concrete tight when tapped

### Standard Materials and Finishes:

- 1/2" - 2" Steel
- 2 1/2" - 4" Malleable Iron
- Zinc electroplated

### Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450US	1/2"	50	10
1451US	3/4"	25	14
1452US	1"	20	23
1453US	1 1/4"	5	40
1454US	1 1/2"	5	52
1455US	2"	20	80
1456US	2 1/2"	6	142
1457US	3"	6	183
1458US	3 1/2"	3	250
1459US	4"	3	283

### Straight Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450SUS	1/2"	50	10
451US	3/4"	25	14
452US	1"	20	23
453US	1 1/4"	5	40
454US	1 1/2"	5	52
455US	2"	20	80
456US	2 1/2"	6	142
457US	3"	6	183
458US	3 1/2"	3	250
459US	4"	3	283

### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460US	1/2"	50	10
461US	3/4"	25	15
462US	1"	10	24
463US	1 1/4"	5	44
464US	1 1/2"	5	68
465US	2"	20	90
466US	2 1/2"	5	158
467US	3"	3	217
468US	3 1/2"	2	250
469US	4"	2	283

EMT Fittings

# Thin Wall Conduit Fittings (For EMT Conduit)

## Set Screw Type Fittings - Zinc Die Cast



EMT Fittings

### SET SCREW TYPE FITTINGS – ZINC DIE CAST

#### Features:

- Tri-head Set Screw may be installed using a slotted, Phillips or Robertson head screwdriver
- Concrete Tight when taped

#### Standard Materials:

- Zinc

#### Standard Finishes:

- Natural

#### Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1450DC	1/2"	50	5
1451DC	3/4"	25	8
1452DC	1"	25	11
1453DC*	1 1/4"	10	20
1454DC*	1 1/2"	10	25
1455DC*	2"	5	37
1456DC*	2 1/2"	12	59
1457DC*	3"	12	78
1458DC*	3 1/2"	6	101
1459DC*	4"	6	120

\*Two Tightening Screws

#### Straight Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
450DC	1/2"	50	5
451DC	3/4"	25	7
452DC	1"	25	11
453DC*	1 1/4"	10	21
454DC*	1 1/2"	10	25
455DC*	2"	5	36
456DC*	2 1/2"	12	58
457DC*	3"	12	77
458DC*	3 1/2"	6	98
459DC*	4"	6	117

\*Two Tightening Screws

### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
460DC	1/2"	50	5
461DC	3/4"	25	7
462DC	1"	20	13
463DC*	1 1/4"	10	18
464DC*	1 1/2"	10	28
465DC*	2"	5	36
466DC*	2 1/2"	12	64
467DC*	3"	12	81
468DC*	3 1/2"	6	98
469DC*	4"	6	116

\*Four Tightening Screws

### Offset Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
2400	1/2"	10	11
2401	3/4"	10	18
2402	1"	10	25



# Thin Wall Conduit Fittings (For EMT Conduit)

## Compression Type Fittings - Steel



### COMPRESSION TYPE FITTINGS – STEEL

#### Applications:

Thinwall conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

#### Features:

- Compression Type
- Male Hub Threads - NPSM
- Steel Locknuts
- Heavy Steel Walls
- Standard Material: Steel
- Standard Finish: Zinc Plated

#### Concrete Tight Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650	1/2"	50	11
1651	3/4"	25	16
1652	1"	25	25
1653	1 1/4"	10	43
1654	1 1/2"	10	54
1655	2"	5	76
1656	2 1/2"	2	190
1657	3"	1	300
1658	3 1/2"	1	330
1659	4"	1	360

### Straight Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650S	1/2"	50	9
651S	3/4"	25	16
652	1"	25	25
653	1 1/4"	10	43
654	1 1/2"	10	54
655	2"	5	76
656	2 1/2"	2	190
657	3"	1	300
658	3 1/2"	1	280
659	4"	1	360

### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660S	1/2"	50	12
661S	3/4"	25	18
662	1"	25	27
663	1 1/4"	10	46
664	1 1/2"	10	63
665	2"	5	92
666	2 1/2"	2	250
667	3"	1	410
668	3 1/2"	1	390
669	4"	1	485

EMT Fittings

# Thin Wall Conduit Fittings (For EMT Conduit)

## Compression Type Fittings - Space Saver



EMT Fittings

### SPACE-SAVER EMT COMPRESSION CONNECTORS - STEEL

UL File No. E22132

#### Applications:

- Use to join EMT conduit to box or enclosure

#### Features:

- Male threads on locknut allow for more room inside the box
- Smooth pulling surface won't strip cable – no bushing or insulated throat required
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Knurled wrenching surface for easy tightening
- Zinc electroplated for corrosion resistance
- Concrete tight when taped

#### COMPRESSION CONNECTOR

- The split compression ring assures solid attachment to the conduit and good ground continuity
- The hex surface on the compression nut provide for easy wrenching to quickly and easily tighten the nut

#### Certifications and Compliances:

- UL Listed
- CUL Listed



Cooper Crouse-Hinds Space Saver EMT Connector (on right) provides maximum useable space inside the box unlike a traditional connector with bushing.

Traditional EMT connector protrudes inside box and creates the cumbersome and labor intensive need to clip the device mounting screw to install device.

The Space Saver EMT Connector's low profile design eliminates this cumbersome and labor intensive requirement.



Compression Connector

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>Compression Connector</b>			
SSC50	1/2"	50	8
SSC75	3/4"	25	12
SSC100	1"	25	12

### SPACE-SAVER EMT RAIN TIGHT COMPRESSION CONNECTORS - STEEL

UL File No. E22132

#### Applications:

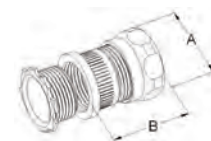
- Use to join EMT conduit to box or enclosure

#### Features:

- The only Space Saver EMT compression connector UL Listed Raintight
- Male threads on the lock nut maximize space in box or enclosure and provides a smooth pulling surface eliminating the need for a bushing or insulated throat fitting
- No disassembly of the gland nut is required for installation of the conduit.
- Hex shaped gland nut allows for easy wrenching, providing a fast tight application
- Distinct black gland nut allows inspectors to tell at a glance that the fitting is raintight
- Gasket seals installation for raintight connection between box and the connector

#### Certifications and Compliances:

- UL Listed UL Standard 514B
- cUL Listed cUL Standard C22.2 No. 18
- Listed Raintight
- Concrete Tight



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	Dim A	Dim. B
<b>Compression Connector</b>					
SSRT50	1/2"	50	13	1 1/8	1 3/8
SSRT75	3/4"	25	18	1 3/8	1 5/8
SSRT100	1"	25	26	1 11/16	1 13/16

# Thin Wall Conduit Fittings (For EMT Conduit)

Compression Type Fittings - Made in the USA



## MADE IN THE USA FITTINGS

### Applications:

Made in the USA conduit fittings are used:

- To join EMT to a box or enclosure
- To couple two ends of EMT conduit

### Features:

- All connectors available with or without insulated throat
- Hex surfaces on fitting body and compression nut for easy wrenching
- Couplings utilize a ridge center stop for easy identification of adequate conduit sealing within the coupling
- Set screw connectors and couplings utilize a #2 combination head screw for secure installation
- Thick, steel conduit locknut provides a strong, secure installation
- Made in the USA

### Certifications and Compliances:

- cULus Listed
- Compression connectors & couplings - concrete tight

### Standard Materials and Finishes:

- 1/2" - 2" Steel
- 2 1/2" - 4" Malleable Iron
- Zinc electroplated

### Connector – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650US	1/2"	50	8
1651US	3/4"	25	12
1652US	1"	20	19
1653US	1 1/4"	5	30
1654US	1 1/2"	5	46
1655US	2"	5	55
1656US	2 1/2"	5	242
1657US	3"	3	307
1658US	3 1/2"	3	390
1659US	4"	2	492

### Connector – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650SUS	1/2"	50	8
651SUS	3/4"	25	12
652US	1"	20	19
653US	1 1/4"	5	30
654US	1 1/2"	5	46
655US	2"	5	55
656US	2 1/2"	5	242
657US	3"	3	307
658US	3 1/2"	3	390
659US	4"	2	492

### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660SUS	1/2"	50	8
661SUS	3/4"	25	13
662US	1"	20	19
663US	1 1/4"	5	30
664US	1 1/2"	5	46
665US	2"	5	60
666US	2 1/2"	5	360
667US	3"	3	405
668US	3 1/2"	2	545
669US	4"	2	635

EMT Fittings

# Thin Wall Conduit Fittings (For EMT Conduit)

## Compression Type Fittings - Raintight



### COMPRESSION TYPE FITTINGS – RAINTIGHT CONNECTORS

#### Applications:

- The Cooper Crouse-Hinds Raintight EMT connectors are used to join EMT conduit to a box or enclosure in Raintight environments.
- The design prevents water see page into conduit, box or enclosure.

#### Features and Benefits:

- All steel construction with zinc electroplate finish provides for durable corrosion resistance
- Flat surface on Gland nut provides smooth, flat surface for easy wrenching
- Distinct black gland nut provides quick raintight identification
- Integral gasketed compression ring secures and seals for reliable installation
- Interior shoulder conduit stop provides positive seating of conduit inside the body
- Gasket on male threads of box connector seals installation for raintight connection between the box and the connector
- Available in insulated and non-insulated versions to meet any customer preference
- Angled teeth on locknut for secure bite into enclosure
- Extruded locknut with shoulder provides more threads for more secure installation
- Concrete tight
- Standard material: Steel
- Standard finish: Zinc plated

#### Certifications and Compliances:

- UL Listed
- cUL Listed
- Concrete Tight
- Raintight

#### Straight Connectors – Insulated – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650RT	1/2"	50	11
1651RT	3/4"	25	17
1652RT	1"	25	23
1653RT	1 1/4"	10	41
1654RT	1 1/2"	10	50
1655RT	2"	5	67
1656RT	2 1/2"	2	177
1657RT	3"	1	234
1658RT	3 1/2"	1	330
1659RT	4"	1	360

#### Straight Connectors – Non-Insulated – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650RT	1/2"	50	11
651RT	3/4"	25	17
652RT	1"	25	23
653RT	1 1/4"	10	41
654RT	1 1/2"	10	50
655RT	2"	5	67
656RT	2 1/2"	2	177
657RT	3"	1	234
658RT	3 1/2"	1	280
659RT	4"	1	360

#### Couplings – Raintight

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660RT	1/2"	50	14
661RT	3/4"	25	21
662RT	1"	25	28
663RT	1 1/4"	10	49
664RT	1 1/2"	10	60
665RT	2"	5	79
666RT	2 1/2"	2	187
667RT	3"	1	245
668RT	3 1/2"	1	390
669RT	4"	1	485



# Thin Wall Conduit Fittings (For EMT Conduit)

## Compression Type Fittings - Zinc Die Cast



### COMPRESSION TYPE FITTINGS – ZINC DIE CAST

#### Features:

- The split compression ring assures solid attachment to the conduit and good ground continuity
- The hex surfaces on the compression nut provide for easy wrenching to quickly and easily tighten the nut
- Concrete tight

#### Standard Materials:

- Zinc

#### Standard Finishes:

- Natural

#### Straight Connectors – Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1650DC	1/2"	50	8
1651DC	3/4"	25	11
1652DC	1"	15	17
1653DC	1 1/4"	10	31
1654DC	1 1/2"	10	39
1655DC	2"	5	56
1656DC	2 1/2"	12	93
1657DC	3"	12	120
1658DC	3 1/2"	6	149
1659DC	4"	6	172

### Straight Connectors – Non-Insulated

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
650DC	1/2"	50	8
651DC	3/4"	25	11
652DC	1"	15	17
653DC	1 1/4"	10	31
654DC	1 1/2"	10	39
655DC	2"	5	56
656DC	2 1/2"	12	93
657DC	3"	12	120
658DC	3 1/2"	6	149
659DC	4"	6	172

### Couplings

UL File No. E-22132



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
660DC	1/2"	50	11
661DC	3/4"	25	16
662DC	1"	15	22
663DC	1 1/4"	10	40
664DC	1 1/2"	10	48
665DC	2"	5	64
666DC	2 1/2"	12	124
667DC	3"	12	144
668DC	3 1/2"	6	190
669DC	4"	6	228

EMT Fittings

# Thin Wall Conduit Fittings (For EMT Conduit)

## Combination Couplings



EMT Fittings

### COMBINATION COUPLINGS – STEEL

#### Standard Materials:

- Steel

#### Standard Finishes:

- Zinc plated

#### EMT (Set Screw) to Rigid (Set Screw)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
420	1/2"	25	17
421	3/4"	20	25
422	1"	10	37

### COMBINATION COUPLINGS – STEEL

#### Concrete Tight

#### EMT (Compression) To Rigid (Threaded)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
690S	1/2" – 1/2"	25	9
691	3/4" – 3/4"	20	13
692	1" – 1"	10	19

### COMBINATION COUPLINGS – ZINC DIE CAST

#### EMT (Set Screw) to FMC (Clamp)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
780DC	1/2" – 3/8"	50	8

### FLEXIBLE METALLIC COMBINATION COUPLINGS – ZINC DIE CAST

#### Set Screw Squeeze Type

#### EMT (Set Screw) To FMC (Clamp)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECS38DC	1/2" to 3/8"	50	34
FECS50DC	1/2" to 1/2"	25	22
FECS75DC	3/4" to 3/4"	25	36

### Compression Coupling

#### EMT (Compression) To FMC (Screw-in)

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECC50DC	1/2"	50	41
FECC75DC	3/4"	25	31
FECC100DC	1"	25	46

### ACC SERIES COMBINATION COUPLINGS – STEEL

#### Applications:

- ACC combination couplings are used to join EMT conduit to armored cable, metal clad cable or flexible metallic conduit.

#### Features and Benefits:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring & nut provide a strong, secure termination point for EMT conduit.
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver.
- Steel combination coupling is zinc electroplated for corrosion resistance.

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### Materials and Finishes:

- Body: Steel – Zinc electroplated
- Saddle: Steel – Zinc electroplated
- Screw: Steel – Zinc electroplated

#### Compression Coupling:

AC/MC, FMC to EMT



Cat. #	Trade Size	Cable Opening		Unit Qty.
		Max.	Min.	
ACC38	3/8"	0.656	0.437	25
ACC50	1/2"	0.937	0.750	10
ACC75	3/4"	1.125	0.906	10

#### Set-Screw Coupling:



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	3/8"	25	9
ACCSS50	1/2"	10	12
ACCSS75	3/4"	10	14

\*not UL Listed

# Thin Wall Conduit Fittings (For EMT Conduit)



## EMT Elbows with Integral Coupling and Pulling Elbows

### EMT ELBOWS WITH INTEGRAL COUPLING

#### Applications:

- Used to make a 45° or 90° bend between two lengths of thin-wall or EMT conduit without the use of additional couplings

#### Features:

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions
- Concrete tight when taped
- EMT elbows have integral set-screw couplings that replace traditional EMT coupling fittings used to connect the elbows to conduit so there is no longer a need for additional components or extra steps in installation – saving the contractor time and money!
- Made of steel and zinc plated for corrosion resistance

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### EMT Elbows with Integral Coupling



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>90 Degree Elbow</b>			
ELB5090	1/2"	50	28
ELB7590	3/4"	50	46
ELB10090	1"	20	78
ELB12590	1 1/4"	20	150
ELB15090	1 1/2"	15	184
ELB20090	2"	10	250
<b>45 Degree Elbow</b>			
ELB5045	1/2"	50	20
ELB7545	3/4"	50	36
ELB10045	1"	20	59
ELB12545	1 1/4"	20	100
ELB15045	1 1/2"	15	153
ELB20045	2"	10	181

### 90 DEGREE PULLING ELBOWS – ZINC DIE CAST

#### Applications:

- To connect EMT to form a 90° bend, or to connect EMT to box or enclosure
- Removable cover and gasket facilitate wire pulling

#### EMT To Box

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850EB DC	1/2"	20	17
875EB DC	3/4"	15	24
8100EB DC	1"	6	54
8125EB DC	1 1/4"	3	80

#### EMT To EMT

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850EE DC	1/2"	20	15
875EE DC	3/4"	15	22
8100EE DC	1"	6	52
8125EE DC	1 1/4"	3	80

# Thin Wall Conduit Fittings (For EMT Conduit)

Straps, Clamps, Clampbacks/Spacers



EMT Fittings

## STRAPS – STEEL GALVANIZED

### Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
497 1	1/2"	250	2
497 2	3/4"	150	3
497 3	1"	100	5
497 4	1 1/4"	50	8
497 5	1 1/2"	50	13
497 6	2"	25	14
496 9	2 1/2"	25	19
496 10	3"	25	23
496 11	3 1/2"	25	93
496 12	4"	10	108

## CLAMPS – MALLEABLE IRON

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
516*	2 1/2"	5	104
517*	3"	2	120
518*	3 1/2"	2	150
519*	4"	2	220

\*Also for use with Rigid/IMC Conduit

## CLAMPBACKS/SPACERS – MALLEABLE IRON

### Applications:

- Provides space between conduit and mounting surface

### Standard Materials:

- Malleable Iron

### Standard Finishes:

- Zinc plated

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1	1/2"	25	8
CB2	3/4"	25	10
CB3	1"	25	12
CB4	1 1/4"	25	21
CB5	1 1/2"	25	42
CB6	2"	10	40
CB7	2 1/2"	10	49
CB8	3"	10	62
CB9	3 1/2"	10	91
CB10	4"	10	110
CB11†	5"	5	135
CB12†	6"	5	225

†Not UL Listed

## CLAMPS "SNAP-ON" – STEEL

### Applications:

- To support EMT conduit to mounting surface

### Heavy Gauge

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
200	1/2"	100	5
201	3/4"	100	6
202	1"	100	6
203	1 1/4"	50	13
204	1 1/2"	25	17
205	2"	25	20
206*	2 1/2"	25	64
207*	3"	25	71
208*	3 1/2"	10	120
209*	4"	10	130

\*Not UL Listed



# Thin Wall Conduit Fittings (For EMT Conduit)

## Nailing Straps - Steel



### NAILING STRAPS – CAST STEEL

#### Applications:

- To secure EMT conduit, flexible metallic conduit, armored cable and metal clad cable to mounting surface

#### Standard Materials:

- Cast steel

#### Standard Finishes:

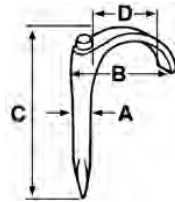
- Zinc plated



Cat. #	Conduit Sizes		Wt. Lbs. Per 100
	EMT	Rigid	
NS 1	1/2"	3/8"	2
NS 2	3/4"	1/2"	2
NS 3	1"	3/4"	3

#### Dimensions

Cat. #	A	B	C	D
NS 1	3/16	1	1 7/8	3/4
NS 2	3/4	1 1/4	2	15/16
NS 3	3/16	1 1/2	2 1/2	1 1/8



### NAILING STRAPS – STAMPED STEEL

#### Applications:

- To secure EMT conduit

#### Certifications:

- UL File No. E184283

#### Standard Materials:

- Pre-galvanized stamped steel



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NSS1	1/2"	3/8"	100	2
NSS2	3/4"	1/2"	100	2
NSS3	1"	3/4"	100	3

EMT Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Compression Fittings - Type CPR



Rigid Fittings

### TYPE CPR COMPRESSION FITTINGS

#### Applications:

Use type CPR compression fittings for:

- Both IMC and metallic rigid conduit.
- New work in poured concrete.
- Maintenance, repairs and alterations.
- Connections at panels and boxes.
- New, altered or damaged stubups.
- Applicable locations where field threading is impractical or undesirable.

#### Features and Benefits:

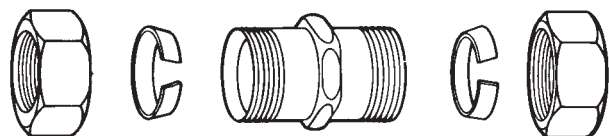
- UL Listed for use with IMC as well as metallic rigid conduit.
- Unequalled versatility for the installer.
- Unique gland ring design tightens up in fewer turns; provides outstanding pull-out strength; saves time and adds confidence.
- Advanced, thoughtful design and premium materials team up for an installation you can be proud of.

#### Certifications and Compliances:

- UL 514B Fittings for Conduit and Outlet Boxes

#### Standard Materials:

- Bodies – malleable iron
- Compression nuts – iron
- Compression rings – zinc plated steel
- Locknuts – zinc plated steel
- Insuliners – glass-reinforced polypropylene



#### Straight Connectors – Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR11	1/2"	50	19
CPR12	3/4"	25	23
CPR13	1"	10	42
CPR14	1 1/4"	10	64
CPR15	1 1/2"	5	87
CPR16	2"	5	113
CPR17	2 1/2"	2	130
CPR18	3"	1	220
CPR19	3 1/2"	1	280
CPR20	4"	1	320

#### Straight Connectors – Non-Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR1	1/2"	50	19
CPR2	3/4"	25	23
CPR3	1"	10	42
CPR4	1 1/4"	10	64
CPR5	1 1/2"	5	87
CPR6	2"	5	113
CPR7	2 1/2"	2	130
CPR8	3"	1	220
CPR9	3 1/2"	1	280
CPR10	4"	1	320

#### Couplings

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CPR21	1/2"	25	26
CPR22	3/4"	20	38
CPR23	1"	10	59
CPR24	1 1/4"	5	85
CPR25	1 1/2"	5	124
CPR26	2"	2	162
CPR27	2 1/2"	2	220
CPR28	3"	1	320
CPR29	3 1/2"	1	380
CPR30	4"	1	440

# Rigid/Intermediate Grade Conduit Fittings

## Set Screw Type Fittings - Steel



### SET SCREW TYPE FITTINGS - STEEL

#### Straight Connectors – Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
150S	1/2"	50	16
151	3/4"	25	27
152	1"	5	40
153	1 1/4"	10	50
154	1 1/2"	5	76
155*	2"	2	110
1456*	2 1/2"	2	210
1457*	3"	1	282
1458*	3 1/2"	1	380
1459*	4"	1	400
160I*†	5"	1	850
161I*†	6"	1	1100

\*Two Tightening Screws  
†Malleable Iron

#### Couplings

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
160	1/2"	25	27
161	3/4"	20	40
162	1"	5	52
163	1 1/4"	10	70
164	1 1/2"	5	104
165*	2"	2	160
466*	2 1/2"	2	300
467*	3"	1	400
468*	3 1/2"	1	500
469*	4"	1	600
170C*†	5"	1	1500
171C*†	6"	1	1800

\*Four Tightening Screws  
†Malleable Iron

1456 – 1459, 456 – 459 & 466 – 469 are UL and cUL Listed for EMT, Rigid, and IMC conduit.

Rigid Fittings

#### Straight Connectors – Non-Insulated

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
150P	1/2"	50	16
151P	3/4"	25	26
152P	1"	5	40
153P	1 1/4"	10	50
154P	1 1/2"	5	76
155P*	2"	2	110
456*	2 1/2"	2	210
457*	3"	1	281
458*	3 1/2"	1	380
459*	4"	1	400
160P*†	5"	1	850
161P*†	6"	1	1100

\*Two Tightening Screws  
†Malleable Iron

# Rigid/Intermediate Grade Conduit Fittings Concrete Tight

## Set Screw Type Fittings - Raintight (SSR Series)



Rigid Fittings

### SET SCREW TYPE FITTINGS - RAIN TIGHT

#### Applications:

Rainboot™ connectors and couplings are used with rigid conduit for IMC, steel or aluminum. Outdoors or indoors. Use Rainboot fittings for:

- Conduit systems expansion and alterations.
- Maintenance and repair operations.
- New, altered or damaged stubups.
- Connections at panels and boxes.
- Embedment in concrete.
- Installations in tight quarters: near corners, walls, ceilings, overhangs, obstacles or adjacent raceways.
- Situations where threading equipment or heavy pipe wrenches are impractical.
- Conduit systems in NEC wet locations.

#### Features and Benefits:

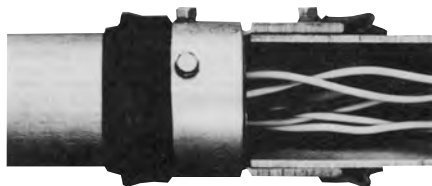
- The only line of rigid/IMC threadless fittings suitable for raintight applications.
- The only alternative to field threading in NEC wet locations.
- May be installed in any position.
- Tough and durable, long lasting, trouble free installations.
- Requires only a 3/8" wrench for installation.
- Full line – 1/2" through 2".
- Faster, easier method to install raintight rigid/IMC raceway systems.

#### Certifications and Compliances:

- UL 514B – Fittings for cable and conduit

#### Standard Materials:

- Bodies  
Connectors – 1/2" – 2" steel  
Couplings – 1/2" – 2" steel
- Boots – injection molded PVC attached with special epoxy.
- Setscrews hardened steel coated with special sealing resin compound.



#### Straight Connectors – Insulated



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR11	1/2"	20	20
SSR12	3/4"	20	30
SSR13	1"	20	40
SSR14	1 1/4"	5	64
SSR15	1 1/2"	5	85
SSR16	2"	4	97

#### Straight Connectors – Non-Insulated



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR1	1/2"	20	21
SSR2	3/4"	20	23
SSR3	1"	20	40
SSR4	1 1/4"	5	64
SSR5	1 1/2"	5	85
SSR6*	2"	4	96

\*Two Tightening Screws  
For sealing at enclosure, use Type SG sealing gaskets

#### Couplings



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSR21	1/2"	20	31
SSR22	3/4"	20	45
SSR23	1"	5	64
SSR24	1 1/4"	5	86
SSR25	1 1/2"	4	116
SSR26†	2"	4	165

†Four Tightening Screws



# Rigid/Intermediate Grade Conduit Fittings

## Split Conduit Couplings and Combination Couplings



### SPLIT CONDUIT COUPLINGS

#### Applications:

- Provides a quick and easy method of joining two pieces of threaded rigid or IMC conduit.

#### Features:

- Concrete Tight
- Suitable for use in Class I, Division 2 Areas

**Body – Ductile Iron**  
**Clamping Hardware – ElectroGalvanized Steel**  
**Gasket-Neoprene**



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
TCC1	1/2"	10	39
TCC2	3/4"	10	45
TCC3	1"	10	68
TCC4	1 1/4"	5	82
TCC5	1 1/2"	5	116
TCC6	2"	5	111
TCC7	2 1/2"	2	283
TCC8	3"	2	323
TCC9	3 1/2"	1	395
TCC10	4"	1	506
TCC12	5"	1	944
TCC14	6"	1	1218

### COMBINATION COUPLINGS – STEEL

**Concrete Tight**  
**EMT (Compression) To Rigid (Threaded)**

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
690S	1/2" – 1/2"	25	9
691	3/4" – 3/4"	20	13
692	1" – 1"	10	19

### COMBINATION COUPLINGS - ZINC PLATED STEEL

**Concrete Tight**

EMT (Set Screw) To Rigid (Set Screw)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
420	1/2" – 1/2"	25	17
421	3/4" – 3/4"	20	25
422	1" – 1"	10	37

### COMBINATION COUPLINGS - MALLEABLE IRON

Flexible Steel (Squeeze Type) To Rigid (Threaded)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
65	1/2" – 1/2"	10	17
66	3/4" – 3/4"	10	22
67	1" – 1"	5	31
68	1 1/4" – 1 1/4"	5	31

# Rigid/Intermediate Grade Conduit Fittings

## Conduit Couplings



Rigid Fittings

### THREE PIECE CONDUIT COUPLINGS - MALLEABLE IRON

#### Applications:

- Used to join two lengths of threaded conduit. Couples conduit when conduit cannot be turned.

#### Standard Materials:

- Heavy duty casting

#### Standard Finishes:

- Zinc Plated

#### Options:

Mechanically galvanized

Suffix  
HDG

#### Malleable Iron (Concrete Tight)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
190M	1/2"	25	23
191	3/4"	25	35
192	1"	10	60
193	1 1/4"	5	91
194	1 1/2"	5	167
195	2"	5	215
196	2 1/2"	2	430
197	3"	1	463
198	3 1/2"	1	655
199	4"	1	800
188†	5"	1	1200
189†	6"	1	2100

†Not UL Listed

### RIGID CONDUIT COUPLINGS - STEEL

#### Applications:

- Used to join two lengths of threaded rigid or IMC conduit. They can be used in both indoor and outdoor applications

#### Standard Materials:

- Galvanized steel

#### Galvanized steel



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
RC50	1/2"	10	12
RC75	3/4"	10	18
RC100	1"	10	29
RC125	1 1/4"	5	38
RC150	1 1/2"	5	52
RC200	2"	5	69
RC250	2 1/2"	2	181
RC300	3"	1	220
RC350	3 1/2"	1	377
RC400	4"	1	298
RC500	5"	1	477
RC600	6"	1	684

# Rigid/Intermediate Grade Conduit Fittings

## Rigid Elbows



### RIGID ELBOWS - STEEL

#### Applications:

- Used in conjunction with rigid couplings (CCH catalog numbers RC50-RC400) to make a 45° or 90° bend between two lengths of threaded rigid or IMC conduit.

#### Features:

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Made of steel and galvanized for corrosion resistance

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### Rigid Elbows



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>90 Degree Elbow</b>			
RLB5090	1/2"	50	76
RLB7590	3/4"	50	113
RLB10090	1"	20	197
RLB12590	1 1/4"	20	312
RLB15090	1 1/2"	10	440
RLB20090	2"	10	660
RLB25090	2 1/2"	1	1180
RLB30090	3"	1	1650
RLB35090	3 1/2"	1	2700
RLB40090	4"	1	3300
<b>45 Degree Elbow</b>			
RLB5045	1/2"	50	70
RLB7545	3/4"	50	103
RLB10045	1"	25	161
RLB12545	1 1/4"	20	236
RLB15045	1 1/2"	15	306
RLB20045	2"	10	470
RLB25045	2 1/2"	1	800
RLB30045	3"	1	1301
RLB35045	3 1/2"	1	1601
RLB40045	4"	1	2101

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Mogul Pulling Elbows



### MOGUL PULLING ELBOWS - DIE CAST COPPER-FREE ALUMINUM

#### Applications:

- Used as a chamber for containing heavy-duty conductors
- For use as a chamber for containing a 90° turn in large stiff conductors to change conductor direction or to enter buildings
- For use as a pull box for pulling large conductors
- For use as a chamber for making splices and taps
- Can be used as an accessible opening to accommodate future changes of the system



#### Features & Benefits:

- Large dome cover permits easy, straight through pull
- Dimension from center-line of back hub to bushing of end hub exceeds six times the trade diameter of the conduit
- Tapered threads provide easy assembly, tight construction
- Heavy-duty machine screws for cover
- Cover gasket provides long dependable service and protection against the elements; such as fuel, oil and water
- Smooth design and finish make handling easy and complement any construction job
- Body and Cover: Die-cast copper-free aluminum
- Gasket—Fuel, oil, and water resistant flex seal



Cooper Crouse-Hinds mogul pulling elbows facilitate wire pulling in 90° bends to allow changes in conductor direction. The pulling elbows can also be used to allow conductor entrance into buildings. With the smooth finish and large dome cover, wires can be easily pulled through without compromising the wire insulation. The gasketed cover creates a raintight chamber and the copper-free aluminum construction provides increased corrosion resistance, making the mogul pulling elbow ideal for any outdoor application.

#### Certifications & Compliances:

- UL Standard: 514A
- NEC: Article 314
- CSA C22.2 No. 18
- CEC: 22.1

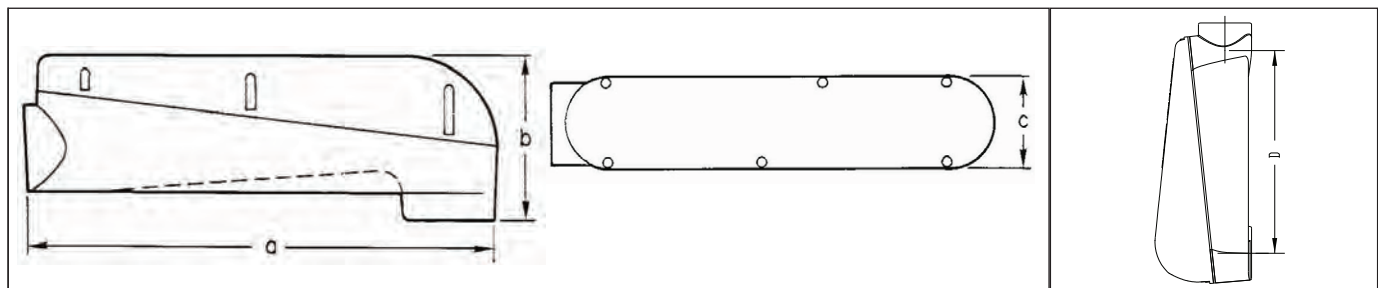
#### Standard Finishes:

- Corrosion-resistant metallic paint

#### Ordering Information

Catalog No.	Size	Dimensions				Max Wire Size	Unit Qty.	Wt. Lbs Per 100
		A	B	C	D			
LBNEC3	1"	9 <sup>21</sup> / <sub>32</sub> "	3 <sup>17</sup> / <sub>32</sub> "	2 <sup>1</sup> / <sub>2</sub> "	7 <sup>1</sup> / <sub>2</sub> "	2 AWG	2	146
LBNEC4	1 <sup>1</sup> / <sub>4</sub> "	9 <sup>21</sup> / <sub>32</sub> "	3 <sup>17</sup> / <sub>32</sub> "	2 <sup>1</sup> / <sub>2</sub> "	7 <sup>1</sup> / <sub>2</sub> "	2 AWG	2	132
LBNEC5	1 <sup>1</sup> / <sub>2</sub> "	14 <sup>17</sup> / <sub>32</sub> "	5 <sup>13</sup> / <sub>32</sub> "	3 <sup>3</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>20</sub> "	250 kcmil	1	258
LBNEC6	2"	14 <sup>17</sup> / <sub>32</sub> "	5 <sup>13</sup> / <sub>32</sub> "	3 <sup>3</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>20</sub> "	250 kcmil	1	230
LBNEC7	2 <sup>1</sup> / <sub>2</sub> "	22"	7 <sup>17</sup> / <sub>32</sub> "	4 <sup>1</sup> / <sub>2</sub> "	18 <sup>9</sup> / <sub>32</sub> "	500 kcmil	1	1003
LBNEC8	3"	22"	7 <sup>17</sup> / <sub>32</sub> "	4 <sup>1</sup> / <sub>2</sub> "	18 <sup>9</sup> / <sub>32</sub> "	500 kcmil	1	938
LBNEC9	3 <sup>1</sup> / <sub>2</sub> "	28 <sup>27</sup> / <sub>32</sub> "	8 <sup>15</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "	24 <sup>1</sup> / <sub>8</sub> "	900 kcmil	1	2158
LBNEC10	4"	28 <sup>27</sup> / <sub>32</sub> "	8 <sup>15</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "	24 <sup>1</sup> / <sub>8</sub> "	900 kcmil	1	2060

#### Dimensions



# Rigid/Intermediate Grade Conduit Fittings



## 90° Pull Elbows

### 90 DEGREE PULL ELBOWS – MALLEABLE IRON

#### Features:

- Raintight
- Furnished with Neoprene gasketed steel cover
- Furnished with Steel lock nut
- Furnished with Stamped Steel cover
- Threaded for rigid conduit and IMC
- For outdoor use
- Standard Finish: Zinc plated

#### Gasketed - Rigid to Box (Male To Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
810	1/2"	20	34
811	3/4"	10	56
812	1"	5	88
813	1 1/4"	2	92
814	1 1/2"	2	200
815	2"	1	344

#### Rigid to Rigid (Female To Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
820	1/2"	20	36
821	3/4"	10	49
822	1"	5	94
823	1 1/4"	2	140
824	1 1/2"	2	200
825	2"	1	344

### 90 DEGREE PULL ELBOWS – ZINC DIE CAST

#### Applications:

- For connecting threaded rigid or IMC to form a 90° bend, or for connecting rigid or IMC to box or enclosure
- Removable cover and gasket facilitate wire pulling

#### Standard Materials:

- Body – zinc
- Gasket – neoprene
- Cover – aluminum

#### Gasketed – Rigid to Box (Male To Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. per 100
850RB DC	1/2"	20	17
875RB DC	3/4"	15	25
8100RB DC	1"	6	53
8125RB DC	1 1/4"	3	80

#### Rigid to Rigid (Female To Female)

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
850RR DC	1/2"	20	15
875RR DC	3/4"	15	23
8100RR DC	1"	6	50
8125RR DC	1 1/4"	3	80

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Insulating and Throat Bushings



Rigid Fittings

### THROAT BUSHINGS - MALLEABLE IRON

#### Threaded 105°C Rated Plastic Throat Liner

UL File No. E-19189



Cat. # Insulated	Size	Unit Qty.	Wt. Lbs. Per 100
1031	1/2"	100	3
1032	3/4"	100	4
1033	1"	50	7
1034	1 1/4"	50	15
1035	1 1/2"	10	19
1036	2"	20	22
1037	2 1/2"	10	44
1038	3"	10	54
1039	3 1/2"	5	72
1040	4"	5	95
1041*	5"	1	100
1042*	6"	1	127

\*Not UL Listed

#### Threadless 105°C Rated Plastic Throat Liner

UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
S1031	1/2"	100	3
S1032	3/4"	100	4
S1033	1"	50	7
S1034	1 1/4"	50	15
S1035	1 1/2"	10	19
S1036	2"	20	22
S1037	2 1/2"	10	44
S1038	3"	10	54
S1039	3 1/2"	5	72
S1040	4"	5	95
S1041	5"	1	100
S1042	6"	1	127

### INSULATED THROAT BUSHINGS - MALLEABLE IRON

#### Features:

- Plastic liner will not chip, crack, swell or shrink. It resists corrosion, chemicals and temperature extremes.

#### Standard Materials:

- Body – Malleable Iron
- Insuliner – ULTEM1000 rated at 150°C

#### Standard Finishes:

- Body – Zinc Plated

#### 150°C Rated

Threaded

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. per 100
H1031	1/2"	100	6
H1032	3/4"	100	8
H1033	1"	50	11
H1034	1 1/4"	50	14
H1035	1 1/2"	10	17
H1036	2"	20	24
H1037	2 1/2"	10	51
H1038	3"	10	62
H1039	3 1/2"	5	85
H1040	4"	5	104
H1041	5"	1	130
H1042	6"	1	167

### INSULATED THROAT BUSHINGS

#### 150°C Rated

Threadless Set Screw Type

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
HS1031	1/2"	100	6
HS1032	3/4"	100	7
HS1033	1"	50	10
HS1034	1 1/4"	50	13
HS1035	1 1/2"	10	15
HS1036	2"	20	21
HS1037	2 1/2"	10	42
HS1038	3"	10	51
HS1039	3 1/2"	5	65
HS1040	4"	5	80
HS1041	5"	1	100
HS1042	6"	1	128



# Rigid/Intermediate Grade Conduit Fittings

## Grounding Bushings



### INSULATED THROAT BUSHINGS - ZINC DIE CAST

150°C Rated – Zinc Die Cast

Threaded  
UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. per 100
H1031DC	1/2"	100	2
H1032DC	3/4"	100	3
H1033DC	1"	50	5
H1034DC	1 1/4"	50	7
H1035DC	1 1/2"	20	9
H1036DC	2"	10	11
H1037DC	2 1/2"	10	27
H1038DC	3"	5	33
H1039DC	3 1/2"	5	39
H1040DC	4"	2	46

### NON-INSULATED THROAT BUSHINGS - MALLEABLE IRON

Features:

- Used with locknut to terminate threaded rigid conduit or IMC to enclosure

Threaded 105°C Rated Non-insulated



Non-Insulated

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
1031NI	1/2"	100	3
1032NI	3/4"	100	4
1033NI	1"	50	7
1034NI	1 1/4"	50	15
1035NI	1 1/2"	10	19
1036NI	2"	20	22
1037NI	2 1/2"	10	44
1038NI	3"	10	54
1039NI	3 1/2"	5	72
1040NI	4"	5	95

### NON-INSULATED THROAT BUSHINGS - ZINC DIE CAST

Features:

- Used with locknut to terminate threaded rigid conduit or IMC to enclosure

Threaded



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. per 100
1031DC	1/2"	100	2
1032DC	3/4"	100	3
1033DC	1"	50	5
1034DC	1 1/4"	50	7
1035DC	1 1/2"	20	9
1036DC	2"	10	10
1037DC	2 1/2"	10	26
1038DC	3"	5	32
1039DC	3 1/2"	5	37
1040DC	4"	2	43

### INSULATING BUSHINGS

Standard Materials:

- Plastic

UL File No. E-19189



Rated 105°C Cat. #	Rated 150°C Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
931	H 931	1/2"	50	1
932	H 932	3/4"	50	1
933	H 933	1"	50	2
934	H 934	1 1/4"	50	3
935	H 935	1 1/2"	25	3
936	H 936	2"	25	4
937	H 937	2 1/2"	10	8
938	H 938	3"	10	10
939	H 939	3 1/2"	5	11
940	H 940	4"	5	11
941	H 941	5"	5	40
942	H 942	6"	5	42

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Grounding Bushings



### INSULATED THROAT GROUNDING BUSHINGS - MALLEABLE IRON

#### Applications:

- For use on threaded rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

### 105°C Rated Plastic Throat Liner Aluminum Lug – For Copper Or Aluminum Grounding Conductors – Threaded

UL File No. E-6225



lazybug®

Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLL1	1/2"	#4 - #14	50	5
GLL2	3/4"	#4 - #14	50	9
GLL3	1"	#4 - #14	50	12
GLL4	1 1/4"	#4 - #14	25	19
GLL4 10	1 1/4"	#1/0 - #8	25	23
GLL5	1 1/2"	#4 - #14	10	24
GLL5 10	1 1/2"	#1/0 - #8	10	28
GLL6	2"	#4 - #14	10	26
GLL6 10	2"	#1/0 - #8	10	32
GLL7	2 1/2"	#1/0 - #8	10	53
GLL7 30	2 1/2"	#3/0 - #6	10	60
GLL7 250	2 1/2"	250MCM - #6	10	67
GLL8	3"	#1/0 - #8	5	70
GLL8 30	3"	#3/0 - #6	5	72
GLL8 250	3"	250MCM - #6	5	76
GLL9	3 1/2"	#3/0 - #6	1	100
GLL9 250	3 1/2"	250MCM - #6	1	100
GLL10	4"	#3/0 - #6	1	110
GLL10 250	4"	250MCM - #6	1	120
GLL11	5"	#3/0 - #6	1	140
GLL11 250	5"	250MCM - #6	1	143
GLL12	6"	#3/0 - #6	1	160
GLL12 250	6"	250MCM - #6	1	163

### 105°C Rated Plastic Throat Liner Copper Lug – For Copper Grounding Conductors – Threaded

UL File No. E-6225



lazybug®

Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLL1C	1/2"	#4 - #14	50	8
GLL2C	3/4"	#4 - #14	50	12
GLL3C	1"	#4 - #14	50	14
GLL4 10C	1 1/4"	#4 - #14	25	19
GLL4C	1 1/4"	#1/0 - #8	25	30
GLL5 10C	1 1/2"	#4 - #14	10	21
GLL5C	1 1/2"	#1/0 - #8	10	32
GLL6C	2"	#4 - #14	10	29
GLL6 10C	2"	#1/0 - #8	10	40
GLL7C	2 1/2"	#1/0 - #8	10	65
GLL7 30C	2 1/2"	#3/0 - #6	10	88
GLL7 250C	2 1/2"	250MCM - #6	10	97
GLL8C	3"	#1/0 - #8	5	77
GLL8 30C	3"	#3/0 - #6	5	100
GLL8 250C	3"	250MCM - #6	5	109
GLL9C	3 1/2"	#3/0 - #6	1	125
GLL9 250C	3 1/2"	250MCM - #6	1	134
GLL10C	4"	#3/0 - #6	1	145
GLL10 250C	4"	250MCM - #6	1	154
GLL11C	5"	#3/0 - #6	1	165
GLL11 250C	5"	250MCM - #6	1	174
GLL12C	6"	#3/0 - #6	1	195
GLL12 250C	6"	250MCM - #6	1	204

# Rigid/Intermediate Grade Conduit Fittings

## Grounding Bushings



### INSULATED THROAT GROUNDING BUSHINGS - MALLEABLE IRON

#### Applications:

- For use on threaded rigid/IMC conduit to provide a means of grounding conduit through an insulated bushing

#### Aluminum Lug – For Copper Or Aluminum Grounding Conductors – Threadless – Set Screw Type 105°C Rated Plastic Throat Liner

UL File No. E-6225



lazylug™

Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLS1	1/2"	#4 - #14	50	5
GLS2	3/4"	#4 - #14	50	9
GLS3	1"	#4 - #14	50	12
GLS4	1 1/4"	#4 - #14	25	19
GLS4 10	1 1/4"	#1/0 - #8	25	23
GLS5	1 1/2"	#4 - #14	10	24
GLS5 10	1 1/2"	#1/0 - #8	10	28
GLS6	2"	#4 - #14	10	26
GLS6 10	2"	#1/0 - #8	10	32
GLS7	2 1/2"	#1/0 - #8	10	53
GLS7 30	2 1/2"	#3/0 - #6	10	60
GLS7 250	2 1/2"	250MCM - #6	10	67
GLS8	3"	#1/0 - #8	5	70
GLS8 30	3"	#3/0 - #6	5	72
GLS8 250	3"	250MCM - #6	5	76
GLS9	3 1/2"	#3/0 - #6	1	100
GLS9 250	3 1/2"	250MCM - #6	1	100
GLS10	4"	#3/0 - #6	1	110
GLS10 250	4"	250MCM - #6	1	120
GLS11	5"	#3/0 - #6	1	140
GLS11 250	5"	250MCM - #6	1	143
GLS12	6"	#3/0 - #6	1	160
GLS12 250	6"	250MCM - #6	1	163

### Copper Lug – For Copper Grounding Conductors – Threadless – Set Screw Type 105°C Rated Plastic Throat Liner

UL File No. E-6225



lazylug™

Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
GLS1C	1/2"	#4 - #14	50	8
GLS2C	3/4"	#4 - #14	50	12
GLS3C	1"	#4 - #14	50	14
GLS4C	1 1/4"	#4 - #14	25	19
GLS4 10C	1 1/4"	#1/0 - #8	25	30
GLS5C	1 1/2"	#4 - #14	10	21
GLS5 10C	1 1/2"	#1/0 - #8	10	32
GLS6C	2"	#4 - #14	10	29
GLS6 10C	2"	#1/0 - #8	10	40
GLS 7C	2 1/2"	#1/0 - #8	10	65
GLS7 30C	2 1/2"	#3/0 - #6	10	88
GLS7 250C	2 1/2"	250MCM - #6	10	97
GLS8C	3"	#1/0 - #8	5	77
GLS8 30C	3"	#3/0 - #6	5	100
GLS8 250C	3"	250MCM - #6	5	109
GLS9C	3 1/2"	#3/0 - #6	1	125
GLS9 250C	3 1/2"	250MCM - #6	1	134
GLS10C	4"	#3/0 - #6	1	145
GLS10 250C	4"	250MCM - #6	1	154
GLS11C	5"	#3/0 - #6	1	165
GLS11 250C	5"	250MCM - #6	1	174
GLS12C	6"	#3/0 - #6	1	195
GLS12 250C	6"	250MCM - #6	1	204

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Grounding Bushings



Rigid Fittings

### INSULATED THROAT GROUNDING BUSHINGS - MALLEABLE IRON

#### Features:

- Resilient plastic liner, resists corrosion, chemicals and temperature extremes
- Insuliner – ULTEM1000 rated at 150°C
- 1 Set screw provided with each fitting locks bushing in any desired position
- External stainless steel hardware as standard

#### Standard Finishes:

- Zinc Plated

#### 150°C Rated

### Aluminum Lug – For Copper Or Aluminum Grounding Conductors – Threaded

UL File No. E-6225



Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLL 1	1/2"	#4 – #14	50	9
HGLL 2	3/4"	#4 – #14	50	11
HGLL 3	1"	#4 – #14	50	14
HGLL 4	1 1/4"	#4 – #14	25	17
HGLL4 10	1 1/4"	#1/0 – #8	25	24
HGLL 5	1 1/2"	#4 – #14	10	20
HGLL5 10	1 1/2"	#1/0 – #8	10	24
HGLL 6	2"	#4 – #14	10	27
HGLL6 10	2"	#1/0 – #8	10	31
HGLL 7	2 1/2"	#1/0 – #8	10	58
HGLL7 30	2 1/2"	#3/0 – #6	10	67
HGLL7 250	2 1/2"	250MCM – #6	10	70
HGLL 8	3"	#1/0 – #8	5	69
HGLL8 30	3"	#3/0 – #6	5	78
HGLL8 250	3"	250MCM – #6	5	81
HGLL 9	3 1/2"	#3/0 – #6	1	101
HGLL9 250	3 1/2"	250MCM – #6	1	104
HGLL 10	4"	#3/0 – #6	1	120
HGLL10 250	4"	250MCM – #6	1	123
HGLL 11	5"	#3/0 – #6	1	145
HGLL 11 250	5"	250MCM – #6	1	150
HGLL 12	6"	#3/0 – #6	1	185
HGLL 12 250	6"	250MCM – #6	1	186

#### 150°C Rated

### Copper Lug – For Copper Grounding Conductors – Threaded

UL File No. E-6225



Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLL1C	1/2"	#4 – #14	50	12
HGLL2C	3/4"	#4 – #14	50	14
HGLL3C	1"	#4 – #14	50	17
HGLL4C	1 1/4"	#4 – #14	25	20
HGLL4 10C	1 1/4"	#1/0 – #8	25	32
HGLL5C	1 1/2"	#4 – #14	10	23
HGLL5 10C	1 1/2"	#1/0 – #8	10	35
HGLL 6C	2"	#4 – #14	10	30
HGLL6 10C	2"	#1/0 – #8	10	42
HGLL7C	2 1/2"	#1/0 – #8	10	69
HGLL7 30C	2 1/2"	#3/0 – #6	10	92
HGLL7 250C	2 1/2"	250MCM – #6	10	101
HGLL8C	3"	#1/0 – #8	5	80
HGLL8 30C	3"	#3/0 – #6	5	103
HGLL8 250C	3"	250MCM – #6	5	112
HGLL9C	3 1/2"	#3/0 – #6	1	126
HGLL9 250C	3 1/2"	250MCM – #6	1	135
HGLL10C	4"	#3/0 – #6	1	145
HGLL10 250C	4"	250MCM – #6	1	155
HGLL 11C	5"	#3/0 – #6	1	171
HGLL11 250C	5"	250MCM – #6	1	180
HGLL 12C	6"	#3/0 – #6	1	210
HGLL 12 250C	6"	250MCM – #6	1	317

### INSULATED THROAT GROUNDING BUSHINGS - ZINC DIE CAST

#### 150°C Rated Plastic Throat Liner

### Aluminum Lug – for Copper or Aluminum Grounding Conductors

UL File No. E-6225



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
GLL1 DC	1/2"	50	3
GLL2 DC	3/4"	40	4
GLL3 DC	1"	25	5
GLL4 DC	1 1/4"	25	9
GLL5 DC	1 1/2"	25	10
GLL6 DC	2"	10	14
GLL7 DC	2 1/2"	5	25
GLL8 DC	3"	5	33
GLL9 DC	3 1/2"	4	38
GLL10 DC	4"	4	44

# Rigid/Intermediate Grade Conduit Fittings

## Grounding Bushings



### INSULATED THROAT GROUNDING BUSHINGS - MALLEABLE IRON

150°C Rated

Set Screw Type – Aluminum Lug – For Copper Or  
Aluminum  
Grounding Conductors – Threadless

UL File No. E-6225



Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLS1	1/2"	#4 – #14	50	9
HGLS2	3/4"	#4 – #14	50	10
HGLS3	1"	#4 – #14	50	13
HGLS4	1 1/4"	#4 – #14	25	16
HGLS4 10	1 1/4"	#1/0 – #8	25	20
HGLS5	1 1/2"	#4 – #14	10	18
HGLS5 10	1 1/2"	#1/0 – #8	10	22
HGLS6	2"	#4 – #14	10	24
HGLS6 10	2"	#1/0 – #8	10	28
HGLS7	2 1/2"	#1/0 – #8	10	50
HGLS7 30	2 1/2"	#3/0 – #6	10	58
HGLS7 250	2 1/2"	250MCM – #6	10	60
HGLS8	3"	#1/0 – #8	5	58
HGLS8 30	3"	#3/0 – #6	5	67
HGLS8 250	3"	250MCM – #6	5	70
HGLS9	3 1/2"	#3/0 – #6	1	80
HGLS9 250	3 1/2"	250MCM – #6	1	85
HGLS10	4"	#3/0 – #6	1	90
HGLS10 250	4"	250MCM – #6	1	100
HGLS11	5"	#3/0 – #6	1	115
HGLS11 250	5"	250MCM – #6	1	120
HGLS12	6"	#3/0 – #6	1	145
HGLS12 250	6"	250MCM – #6	1	150

### Features:

- Resilient plastic liner resists corrosion, chemicals and temperature extremes
- Insuliner – ULTEM1000 rated at 150°C
- 2 Set-screws provided with each fitting, locks bushings in any desired position

### Standard Finishes:

- Body – Zinc Plated

150°C Rated

Set Screw Type – Copper Lug – For Copper  
Grounding Conductors – Threadless

UL File No. E-6225



Cat. #	Trade Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
HGLS1C	1/2"	#4 – #14	50	12
HGLS2C	3/4"	#4 – #14	50	13
HGLS3C	1"	#4 – #14	50	16
HGLS4C	1 1/4"	#4 – #14	25	19
HGLS4 10C	1 1/4"	#1/0 – #8	25	31
HGLS5C	1 1/2"	#4 – #14	10	21
HGLS5 10C	1 1/2"	#1/0 – #8	10	33
HGLS6C	2"	#4 – #14	10	27
HGLS6 10C	2"	#1/0 – #8	10	39
HGLS7C	2 1/2"	#1/0 – #8	10	60
HGLS7 30C	2 1/2"	#3/0 – #6	10	83
HGLS7 250C	2 1/2"	250MCM – #6	10	92
HGLS8C	3"	#1/0 – #8	5	70
HGLS8 30C	3"	#3/0 – #6	5	92
HGLS8 250C	3"	250MCM – #6	5	100
HGLS9C	3 1/2"	#3/0 – #6	1	105
HGLS9 250C	3 1/2"	250MCM – #6	1	115
HGLS10C	4"	#3/0 – #6	1	100
HGLS10 250C	4"	250MCM – #6	1	130
HGLS11C	5"	#3/0 – #6	1	140
HGLS11 250C	5"	250MCM – #6	1	150
HGLS12C	6"	#3/0 – #6	1	170
HGLS12 250C	6"	250MCM – #6	1	180

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Bushing Pennies and Nailing Straps



Rigid Fittings

### BUSHING PENNIES – STEEL

#### Applications:

- A penny under a bushing will seal the end of conduit during construction.



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
90	1/2"	100	1
91	3/4"	100	1
92	1"	100	1
93	1 1/4"	50	1
94	1 1/2"	50	2
95	2"	50	3
96	2 1/2"	50	5
97	3"	50	7
98	3 1/2"	50	10
99	4"	50	14

### NAILING STRAPS – STAMPED STEEL

#### Applications:

- To secure Rigid/IMC conduit

#### Certifications:

- UL File No. E184283

#### Standard Materials:

- Pre-galvanized stamped steel



Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NSS1	1/2"	3/8"	100	2
NSS2	3/4"	1/2"	100	2
NSS3	1"	3/4"	100	3

### NAILING STRAPS – CAST STEEL

#### Standard Materials:

- Cast Steel

#### Standard Finishes:

- Zinc plated

Support rigid conduit and IMC to mounting surface

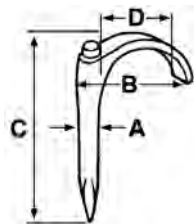


Cat. #	Conduit Sizes		Unit Qty.	Wt. Lbs. Per 100
	EMT	Rigid		
NS 1	1/2"	3/8"	100	2
NS 2	3/4"	1/2"	100	2
NS 3	1"	3/4"	100	3

#### Dimensions

In Inches:

Cat. #	A	B	C	D
NS 1	3/16	1	1 7/8	3/4
NS 2	3/4	1 1/4	2	1 5/16
NS 3	3/16	1 1/2	2 1/2	1 1/8





# Rigid/Intermediate Grade Conduit Fittings

## Conduit Clamps, Straps, Hangers



### CLAMPS – MALLEABLE IRON

#### Applications:

- To support rigid conduit and IMC to mounting surface

#### Options:

##### Description

Hot dipped galvanized

Suffix  
HDG

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
510	1/2"	100	6
511	3/4"	50	8
512	1"	50	13
513	1 1/4"	25	20
514	1 1/2"	20	30
515	2"	10	64
516*	2 1/2"	5	104
517*	3"	2	120
518*	3 1/2"	2	150
519*	4"	2	220
520†	5"	1	380
521†	6"	1	690

\*Also for use with Thinwall (EMT) Conduit  
†Not UL Listed

### CLAMPBACKS/SPACERS – MALLEABLE IRON

#### Applications:

- To provide space between conduit and mounting surface

#### Options:

##### Description

Hot dipped galvanized

Suffix  
HDG

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
CB1	1/2"	25	8
CB2	3/4"	25	10
CB3	1"	25	12
CB4	1 1/4"	25	21
CB5	1 1/2"	25	42
CB6	2"	10	40
CB7	2 1/2"	10	49
CB8	3"	10	62
CB9	3 1/2"	10	91
CB10	4"	10	110
CB11†	5"	5	135
CB12†	6"	5	225

†Not UL Listed

### STRAPS – STEEL GALVANIZED

#### Applications:

- Used to secure rigid conduit or IMC to mounting surface

#### Two Hole

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
496 2	3/8"	250	2
496 3	1/2"	150	2
496 4	3/4"	100	3
496 5	1"	50	7
496 6	1 1/4"	50	8
496 7	1 1/2"	50	10
496 8	2"	25	15
496 9	2 1/2"	25	19
496 10	3"	25	23
496 11	3 1/2"	25	93
496 12	4"	10	108

### CLAMPS "SNAP-ON" – STEEL

#### Applications:

- To support rigid conduit and IMC to mounting surface

#### Light Gauge



Cat. #	Conduit Sizes Rigid	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	.540	500	2
567	3/8"	.675	200	2

#### Heavy Gauge

UL File No. E-184283



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
410*	1/2"	100	5
411*	3/4"	50	6
412*	1"	50	11
413*	1 1/4"	50	13
414	1 1/2"	25	20
415	2"	25	22
206*	2 1/2"	25	64
207*	3"	25	71
208*	3 1/2"	10	120
209*	4"	10	130

\*CSA Certified

# Rigid/Intermediate Grade Conduit Fittings

## Conduit Clamps, Straps, Hangers



Rigid Fittings

### CABLE AND CONDUIT HANGERS – STEEL

#### Certifications and Compliances:

- UL Listed

#### With Bolt



Cat. #	Conduit Size EMT	Conduit Sizes Rigid	Unit Qty.	Wt. Lbs. Per 100
0B	1/2"	3/8" & 1/2"	100	6
1B	3/4"	3/4"	100	6
2B	1"	1"	100	8
2 1/2 B	1 1/4"	—	100	10
3 B	1 1/2"	1 1/4"	100	11
4 B	—	1 1/2"	100	16
5 B	2"	2"	50	23
6 B	2 1/2"	2 1/2"	50	29
7 B	3"	3"	25	31
8 B	3 1/2"	3 1/2"	10	38
9 B	4"	4"	10	38

### CABLE AND CONDUIT HANGERS - STEEL

#### Applications:

- Used to provide mechanical support to conduit and raceway systems

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### With Extruded Hole and Bolt



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
0BX	3/8 AND 1/2 RGD 1/2 EMT	100	6
1BX	3/4 RGD 3/4 EMT	100	7
2BX	1 RGD 1 EMT	100	11
2 1/2BX	1 1/4 EMT	100	10
3BX	1 1/4 RGD 1 1/2 EMT	100	13
4BX	1 1/2 RGD	100	16
5BX	2 RGD 2 EMT	50	17

### BEAM CLAMPS/INSULATOR SUPPORTS – MALLEABLE IRON

#### Standard Finishes:

- Zinc Plated

UL File No. E-184283



Cat. #	Base Size	Jaw Open	Max. Wt. Support	Tapped Holes	Unit Qty.	Wt. Lbs. Per 100
528	3/4"	5/8"	230	10 – 24	25	14
529	3/4"	5/8"	230	1/4" – 20	25	13
530	1"	3/4"	230	10 – 24	25	23
531	1"	3/4"	230	1/4" – 20	25	24
532	1 1/2"	3/4"	290	3/16" – 18	50	47
533	2"	7/8"	330	3/8" – 16	25	81
534	2 1/2"	7/8"	800	1/2" – 13	25	155

### BEAM CLAMPS/INSULATOR SUPPORTS – STEEL



Cat. #	Base Size	Jaw Opening	Tapped Holes	Unit Qty.	Wt. Lbs. Per 100
529 S	3/4"	5/8"	1/4" – 20	50	13

### CONDUIT CLAMPS - RIGHT ANGLE TYPE

#### Applications:

- Right Angle – to attach the conduit run at a 90° angle to a beam or structural member
- Parallel Type – to attach the conduit run parallel to a beam or structural member



Cat. #	Trade Size	Load Rating Lbs.	Wt. Lbs. Per 100
RAC50HD	1/2"	30	37
RAC75HD	3/4"	50	40
RAC100HD	1"	60	42
RAC125HD	1 1/4"	75	49
RAC150HD	1 1/2"	80	54
RAC200HD	2"	100	71
RAC250HD	2 1/2"	125	95
RAC300HD	3"	165	107
RAC350HD	3 1/2"	200	120
RAC400HD	4"	330	131

# Rigid/Intermediate Grade Conduit Fittings

## Conduit Clamps, Straps, Hangers



### PARALLEL TYPE CONDUIT CLAMPS - ELECTROGALVANIZED IRON



Cat. #	Trade Size	Load Rating Lbs.	Wt. Lbs. Per 100
PARC50HD	1/2"	30	50
PARC75HD	3/4"	50	53
PARC100HD	1"	60	60
PARC125HD	1 1/4"	75	70
PARC150HD	1 1/2"	80	82
PARC200HD	2"	100	132
PARC250HD	2 1/2"	125	192
PARC300HD	3"	165	194
PARC350HD	3 1/2"	200	216
PARC400HD	4"	330	232

### EDGE TYPE CONDUIT CLAMPS - ELECTROGALVANIZED IRON

#### Applications:

- Edge Type – to attach the conduit run at a 90° angle to a thin beam or structural member



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ETC50HD	1/2"	50	63
ETC75HD	3/4"	50	69
ETC100HD	1"	50	82
ETC125HD	1 1/4"	25	95
ETC150HD	1 1/2"	25	108
ETC200HD	2"	25	121
ETC250HD	2 1/2"	25	153
ETC300HD	3"	10	214

### J TYPE CONDUIT BEAM CLAMPS - IRON

#### Features:

JCC Series conduit beam clamps are:

- Available in 1/2" to 4" sizes
- Suitable for IMC, EMT and rigid conduit
- Designed to exceed UL load requirements
- Made from ductile iron with an electrogalvanized finish
- Designed to support conduit on vertical or horizontal beams

UL File No. E-184283



Cat. #	Size	Max Weight Support	Unit Qty.	Wt. Lbs. Per 100
JCC1	1/2"	150	25	35
JCC2	3/4"	150	25	43
JCC34	1" & 1 1/4"	225	10	90
JCC56	1 1/2" & 2"	300	5	190
JCC78	2 1/2" & 3"	500	2	380
JCC910	3 1/2" & 4"	700	2	575

### HEAVY-DUTY CONDUIT U-BOLTS WITH HEX NUTS - ELECTROGALVANIZED IRON



Cat. #	Trade Size	Thread Size	Unit Qty.	Wt. Lbs. Per 100
UBM50HD	1/2"	5/16" – 18	200	12
UBM75HD	3/4"	5/16" – 18	200	14
UBM100HD	1"	5/16" – 18	100	17
UBM125HD	1 1/4"	5/16" – 18	50	19
UBM150HD	1 1/2"	5/16" – 18	50	21
UBM200HD	2"	3/8" – 16	50	28
UBM250HD	2 1/2"	3/8" – 16	25	37
UBM300HD	3"	3/8" – 16	25	42
UBM350HD	3 1/2"	3/8" – 16	20	46
UBM400HD	4"	3/8" – 16	20	51

# Rigid/Intermediate Grade Conduit Fittings

## Conduit Locknuts



Rigid Fittings

### CONDUIT LOCKNUTS

3/8" - 2" Steel, 2 1/2" - 6" Malleable Iron  
UL File No. E-19189



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
10	3/8"	100	1
11	1/2"	100	1
12	3/4"	100	2
13	1"	50	3
14	1 1/4"	100	4
15	1 1/2"	50	5
16	2"	50	7
17	2 1/2"	20	10
18	3"	10	15
19	3 1/2"	10	18
20	4"	5	22
22	5"	2	79
23	6"	1	166

### THIN CONSTRUCTION LOCKNUTS - STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11X	1/2"	500	1
12X	3/4"	100	1
13X	1"	50	3
14X	1 1/4"	100	3
15X	1 1/2"	50	4
16X	2"	50	4
17X	2 1/2"	25	10
18X	3"	20	15
19X	3 1/2"	10	18
20X	4"	10	22

### CONDUIT LOCKNUTS - ALUMINUM



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11 SA	1/2"	100	1
12 SA	3/4"	100	1
13 SA	1"	50	1
14 SA	1 1/4"	100	2
15 SA	1 1/2"	50	2
16 SA	2"	50	3
17 SA	2 1/2"	20	9
18 SA	3"	10	13
19 SA	3 1/2"	10	16
20 SA	4"	5	52

### CONDUIT LOCKNUTS - ZINC DIE CAST



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
11DC	1/2"	400	1
12DC	3/4"	250	1
13DC	1"	100	2
14DC	1 1/4"	60	3
15DC	1 1/2"	50	5
16DC	2"	30	8
17DC	2 1/2"	20	10
18DC	3"	15	15
19DC	3 1/2"	10	16
20DC	4"	10	19

### GROUNDING LOCKNUTS - STEEL

#### Applications:

- For use with bushing to bond 1/2" to 4" rigid conduit to boxes, cabinets or other enclosures, only where a locknut is exposed.

UL File No. E-6225



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
GL 11	1/2"	100	2
GL 12	3/4"	50	3
GL 13	1"	50	4
GL 14	1 1/4"	50	6
GL 15	1 1/2"	50	7
GL 16	2"	25	9
GL 17	2 1/2"	20	28
GL 18	3"	10	38
GL 19	3 1/2"	10	48
GL 20	4"	5	52

### SELF RETAINING PVC GASKET WITH STEEL RING

UL File no. E-22133



Cat. #	Conduit Size	Unit Qty.	Wt. Lbs. Per 100
SG1	3/8" - 1/2"	100	1
SG2	3/4"	50	2
SG3	1"	50	2
SG4	1 1/4"	25	2
SG5	1 1/2"	25	4
SG6	2"	25	3
SG7	2 1/2"	10	5
SG8	3"	10	10
SG9	3 1/2"	10	12
SG10	4"	10	10
SG11	5"	5	15
SG12	6"	5	22

# Rigid/Intermediate Grade Conduit Fittings

## Sealing Locknuts



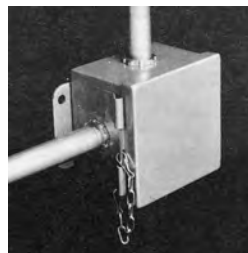
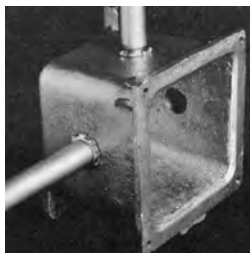
### SEALING LOCKNUTS

UL File No. E-19189

#### Applications

Only one Sealing Locknut is required to:

- Functionally replace rigid threaded enclosure connectors.
- Provide raintight, watertight, or oiltight seal in any position.
- Provide positive ground connection.
- Provide economies in installation and fitting costs.



#### Features And Benefits:

- Integrally fused PVC gasket provides positive seal against water, oils and other liquids.
- Designed for use with raintight, watertight and oiltight enclosures, NEMA 2, 3, 3R, 4 and 12.
- UL Listed Raintight.
- UL Listed Liquidtight.
- Can be used with either sheet metal or standard cast metal boxes.
- CSA Certified watertight.
- 1/2" – 2" Heavy-duty steel.
- 2 1/2" – 6" Malleable iron.
- U.S. Patent #4022262

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SL1	1/2"	100	1
SL2	3/4"	50	2
SL3	1"	25	4
SL4	1 1/4"	25	4
SL5	1 1/2"	25	5
SL6	2"	25	8
SL7	2 1/2"	10	28
SL8	3"	10	38
SL9	3 1/2"	10	46
SL10	4"	5	52
SL11	5"	2	125
SL12	6"	1	140

Rigid Fittings

# Rigid/Intermediate Grade Conduit Fittings

## Conduit Bushed Nipples Offset Conduit Nipples



Rigid Fittings

### CONDUIT BUSHED NIPPLES – MALLEABLE IRON AND ZINC DIE CAST

#### Malleable Iron and Zinc Die Cast

Non-Insulated and Insulated Threaded NPSM for rigid conduit and IMC

UL File No. E-19189



#### Applications:

- Used thru knockout to connect box to conduit coupling.
- Used with a locknut to connect two boxes side by side or back to back.
- Used with a locknut to connect fixture housing to continuous runs.

Cat. # Non-insulated Malleable Iron	Cat. # Insulated Malleable Iron	Cat. # Non-insulated Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100 Non-insulated Malleable Iron	Wt. Lbs. Per 100 Insulated Malleable Iron	Wt. Lbs. Per 100 Non-insulated Zinc Die Cast
50*	1050*	50D	1/2"	50	3	3	4
51	1051	51D	3/4"	25	8	4	5
52	1052	52D	1"	10	13	11	10
53	1053	53D	1 1/4"	10	19	19	11
54	1054	54D	1 1/2"	10	30	30	20
55	1055	55D	2"	10	37	37	30
56	1056	56D	2 1/2"	5	68	72	40
57	1057	57D	3"	5	92	96	49
58	1058	58D	3 1/2"	1	130	113	68
59	1059	59D	4"	1	200	187	70
60†	1060		5"	1	350	350	
61†	1061		6"	1	425	450	

\*Steel  
†Not UL Listed

### OFFSET CONDUIT NIPPLES – MALLEABLE IRON AND ZINC DIE CAST

#### Features:

- Threaded NPSM for rigid conduit and IMC
- Standard Finish on Malleable Iron: Zinc Plated
- USE: To offset the axis of raceways 3/4 of an inch

UL File No. E-19189



Cat. # Malleable	Cat. # Zinc Die Cast	Size	Unit Qty.	Wt. Lbs. Per 100
300	300DC	1/2"	25	24
301	301DC	3/4"	25	34
302	302DC	1"	10	49
303	303DC	1 1/4"	10	54
	304DC	1 1/2"	5	40
	305DC	2"	2	60

# Rigid/Intermediate Grade Conduit Fittings

Push Plugs, Snap-In Blanks, Reducing Washers



## PUSH PLUGS – PLASTIC\*



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PPC 50	1/2"	100	1
PPC 75	3/4"	100	1
PPC 100	1"	50	1
PPC 125	1 1/4"	50	1
PPC 150	1 1/2"	25	1
PPC 200	2"	25	1
PPC 250	2 1/2"	100	2
PPC 300	3"	100	3
PPC 350	3 1/2"	50	6
PPC 400	4"	50	8

\*Temperature Rating: 180° – 200°F  
Tensile Strength: 600 – 2300 PSI

## KNOCKOUT REDUCING WASHERS – STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
342	3/4" – 1/2"	100	1
343	1" – 1/2"	100	2
344	1" – 3/4"	100	2
345	1 1/4" – 1/2"	100	3
346	1 1/4" – 3/4"	100	2
347	1 1/4" – 1"	100	2
348	1 1/2" – 1/2"	50	5
349	1 1/2" – 3/4"	50	4
350S	1 1/2" – 1"	50	4
351	1 1/2" – 1 1/4"	50	3
352	2" – 1/2"	50	7
353	2" – 3/4"	50	7
354	2" – 1"	50	6
355	2" – 1 1/4"	50	5
356	2" – 1 1/2"	50	3
360	2 1/2" – 1/2"	25	7
361	2 1/2" – 3/4"	25	7
362	2 1/2" – 1"	25	7
363	2 1/2" – 1 1/4"	25	7
364	2 1/2" – 1 1/2"	25	7
365	2 1/2" – 2"	25	7
366	3" – 1"	25	14
367	3" – 1 1/4"	25	14
368	3" – 1 1/2"	25	14
369	3" – 2"	25	14
370 S	3" – 2 1/2"	25	14
371	3" – 1 1/2"	25	25
372	3 1/2" – 2"	25	25
373	3 1/2" – 2 1/2"	25	25
374	3 1/2" – 3"	25	25
375	4" – 2"	25	35
376	4" – 2 1/2"	25	35
377	4" – 3"	25	35
378	4" – 3 1/2"	25	35

## KNOCKOUT SNAP-IN BLANKS – STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
335	1/2"	100	2
336	3/4"	100	2
337	1"	50	2
338	1 1/4"	50	3
339	1 1/2"	50	5
340	2"	20	7

## CONCRETE SLAB INSERTS - 90 DEGREE

### Application:

- For use with Rigid and IMC
- For conduit installed in poured concrete slabs
- 90 Degree design eliminates the need to bend conduit
- Provides flush threaded conduit hub for connecting Rigid and IMC conduit and allows future access to conduit system
- Used in in-slab ceiling & floor poured applications

### Standard Materials:

- Zinc Die Cast

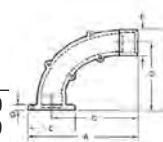


Cat. #	EMT	Unit Qty.	Wt. Lbs. Per 100
ESL75	3/4"	5	41
ESL100	1"	5	57

### Dimensions

#### In Inches:

Cat. #	A	B	C	D	E	F	G
ESL75	4.55	3.72	3.49	3.15	2.13	1.14	0.20
ESL100	4.68	3.84	3.46	3.10	2.44	1.47	0.19



Rigid Fittings



# Rigid/Intermediate Grade Conduit Fittings

## Reducers & Plugs



Rigid Fittings

### CONDUIT REDUCERS – STEEL/IRON



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>Steel</b>			
251	3/4" – 1/2"	50	4
252	1" – 1/2"	25	13
253	1 1/4" – 1/2"	10	30
254	1 1/2" – 1/2"	10	43
255	2" – 1/2"	5	83
260	1" – 3/4"	25	7
261	1 1/4" – 3/4"	10	23
262	1 1/2" – 3/4"	10	40
263	2" – 3/4"	5	79
268	1 1/4" – 1"	10	18
269	1 1/2" – 1"	10	27
270 S	2" – 1"	5	66
275	1 1/2" – 1 1/4"	10	13
276	2" – 1 1/4"	5	24
281	2" – 1 1/2"	5	27
<b>Iron</b>			
282	2 1/2" – 1"	10	120
283	2 1/2" – 1 1/4"	10	130
285	2 1/2" – 2"	10	150
288	3" – 1 1/2"	5	210
289	3" – 2"	2	160
290M	3" – 2 1/2"	5	120
291	3 1/2" – 2"	2	200
292	3 1/2" – 2 1/2"	2	225
293	3 1/2" – 3"	2	150
294	4" – 2"	2	270
295	4" – 2 1/2"	2	270
296	4" – 3"	2	260
297	4" – 3 1/2"	2	160
298	5" – 4"	1	385
299	6" – 5"	1	475

### PLUGS – CAST IRON

Recessed



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PLG1M	1/2"	50	6
PLG2M	3/4"	50	11
PLG3M	1"	25	22
PLG4M	1 1/4"	25	34
PLG5M	1 1/2"	10	48
PLG6M	2"	10	82
PLG7M	2 1/2"	2	150
PLG8M	3"	2	222
PLG9M	3 1/2"	1	340
PLG10M	4"	1	380

Square Head



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
PLG15M	1/2"	50	12
PLG25M	3/4"	50	16
PLG35M	1"	25	25
PLG45M	1 1/4"	25	34
PLG55M	1 1/2"	10	48
PLG65M	2"	10	80
PLG75M	2 1/2"	1	116
PLG85M	3"	1	185
PLG95M	3 1/2"	1	232
PLG105M	4"	1	310

# Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets



Cooper Crouse-Hinds® Series 5 die cast copper-free aluminum conduit bodies, covers and gaskets are available for use with rigid or EMT conduit (with set screw). Conduit bodies are available in trade sizes 1/2"-4"; in the most popular conduit body shapes (C, LB, LL, LR, T) and 1/2"-2" in TB & X shapes. The Series 5 family is available as components or pre-packaged in various configurations as a SnapPack™ assembly. In addition, Series 5 is completely interchangeable with other manufacturers.



## Applications:

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

## Features/Benefits:

- Die cast copper-free aluminum construction is lightweight and corrosion resistant for long reliable service
- Epoxy powder coat finish provides additional corrosion resistance in an aesthetically pleasing appearance
- Conduit bodies are supplied with threaded hubs for use with Rigid/IMC conduit or as a combination body (threaded and with set screws for use with EMT or Rigid/IMC conduit on trade sizes)
- Domed aluminum cover provides additional cubic capacity
- SnapPack™ available in choice of 3 configurations to match customer preferences.

## Certifications & Compliances:

- UL Listed
- cUL Listed
- UL File No. E-15022

## Standard Materials:

- Bodies—Copper-Free Aluminum with epoxy powder paint
- Covers—Aluminum with stainless steel screws, natural finish
- Gaskets—Neoprene

## Series 5 Features:

- **Integral gasket covers.** The new sheet aluminum covers feature a raised dome with stainless steel screws supplied with nylon washers and a gasket for simplifying installation—reducing inventory and labor costs. These innovative covers are UL and cUL Listed and are NEMA 4 Rated.



- **SnapPack™.** Designed for ordering and receiving convenience, the SnapPack combines a body, gasket, and sheet aluminum cover in a single assembly.

- Rigid body with traditional cover and gasket (e.g. LB15 CGN)
- Combination body with traditional cover and gasket (e.g. LB15 MTC )
- **NEMA 4** rigid body with new integral gasketed cover (e.g. X15 ICG)



Series 5

# Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets



Series 5



## TYPE LB

Trade Size	Outlet Body		SnapPack			Internal Col.In Cu. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	LB15	LB15 MT	LB15 CGN	LB15 MTC	LB15 ICG	4.35	10	26	-
3/4"	LB25	LB25 MT	LB25 CGN	LB25 MTC	LB25 ICG	7.3	10	48	3 # 6 AWG
1"	LB35	LB35 MT	LB35 CGN	LB35 MTC	LB35 ICG	12.2	5	64	3 # 4 AWG
1 1/4"	LB45	LB45 MT	LB45 CGN	LB45 MTC	-	32.3	2	140	3 # 2 AWG
1 1/2"	LB55	LB55 MT	LB55 CGN	LB55 MTC	-	33.8	2	160	3 # 1/0 AWG
2"	LB65	LB65 MT	LB65 CGN	LB65 MTC	-	71.2	1	260	3 # 1/0 AWG
2 1/2"	LB75	LB75 MT*†	-	-	-	71.2	1	500	3 # 300 MCM
3"	LB85	LB85 MT*†	-	-	-	183.5	1	600	3 # 350 MCM
3 1/2"	LB95	LB95 MT*†	-	-	-	304.9	1	900	3 # 350 MCM
4"	LB105	LB105 MT*†	-	-	-	308	1	1000	3 # 350 MCM

†Combo EMT, Rigid/IMC Fittings greater than 2" trade size are SET-SCREW ONLY (not combination threaded and set-screw)

\*Weight Lbs Per 100 is listed for outlet body only



## TYPE LR

Trade Size	Outlet Body		SnapPack			Internal Col.In Cu. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	LR15	LR15 MT	LR15 CGN	LR15 MTC	LR15 ICG	4.35	10	26	-
3/4"	LR25	LR25 MT	LR25 CGN	LR25 MTC	LR25 ICG	7.3	10	48	3 # 6 AWG
1"	LR35	LR35 MT	LR35 CGN	LR35 MTC	LR35 ICG	12.2	5	64	3 # 4 AWG
1 1/4"	LR45	LR45 MT	LR45 CGN	LR45 MTC	-	35.8	2	140	3 # 2 AWG
1 1/2"	LR55	LR55 MT	LR55 CGN	LR55 MTC	-	35.8	2	160	3 # 1/0 AWG
2"	LR65	LR65 MT	LR65 CGN	LR65 MTC	-	69.7	1	260	3 # 1/0 AWG
2 1/2"	LR75	-	-	-	-	69.7	1	500	3 # 300 MCM
3"	LR85	-	-	-	-	186	1	600	3 # 350 MCM
3 1/2"	LR95	-	-	-	-	306	1	900	3 # 350 MCM
4"	LR105	-	-	-	-	308	1	1000	3 # 350 MCM

\*Weight Lbs Per 100 is listed for outlet body only

# Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets



Series 5



## TYPE LL

Trade Size	Outlet Body		SnapPack			Internal Col. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	LL15	LL15 MT	LL15 CGN	LL15 MTC	LL15 ICG	4.35	10	30	-
3/4"	LL25	LL25 MT	LL25 CGN	LL25 MTC	LL25 ICG	7.3	10	48	3 # 6 AWG
1"	LL35	LL35 MT	LL35 CGN	LL35 MTC	LL35 ICG	12.2	5	64	3 # 4 AWG
1 1/4"	LL45	LL45 MT	LL45 CGN	LL45 MTC	-	35.8	2	140	3 # 2 AWG
1 1/2"	LL55	LL55 MT	LL55 CGN	LL55 MTC	-	35.8	2	160	3 # 1/0 AWG
2"	LL65	LL65 MT	LL65 CGN	LL65 MTC	-	69.7	1	270	3 # 1/2 AWG
2 1/2"	LL75	-	-	-	-	69.7	1	500	3 # 300 MCM
3"	LL85	-	-	-	-	186	1	600	3 # 350 MCM
3 1/2"	LL95	-	-	-	-	306	1	900	3 # 350 MCM
4"	LL105	-	-	-	-	308	1	1000	3 # 350 MCM

\*Weight Lbs Per 100 is listed for outlet body only



## TYPE C

Trade Size	Outlet Body		SnapPack			Internal Col. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	C15	C15 MT	C15 CGN	C15 MTC	C15 ICG	4.35	10	27	-
3/4"	C25	C25 MT	C25 CGN	C25 MTC	C25 ICG	7.3	10	40	3 # 6 AWG
1"	C35	C35 MT	C35 CGN	C35 MTC	C35 ICG	12.2	5	64	3 # 4 AWG
1 1/4"	C45	C45 MT	C45 CGN	C45 MTC	-	32.3	2	165	3 # 2 AWG
1 1/2"	C55	C55 MT	C55 CGN	C55 MTC	-	33.8	2	150	3 # 1/0 AWG
2"	C65	C65 MT	C65 CGN	C65 MTC	-	69.5	1	270	3 # 1/2 AWG
2 1/2"	C75	-	-	-	-	69.5	1	500	3 # 300 MCM
3"	C85	-	-	-	-	188	1	600	3 # 350 MCM
3 1/2"	C95*	-	-	-	-	307	1	900	3 # 350 MCM
4"	C105*	-	-	-	-	309	1	1000	3 # 350 MCM

# Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets



Series 5



## TYPE T

Trade Size	Outlet Body		SnapPack			Internal Col.In Cu. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	T15	T15 MT	T15 CGN	T15 MTC	T15 ICG	4.35	10	27	-
3/4"	T25	T25 MT	T25 CGN	T25 MTC	T25 ICG	7.3	10	40	3 # 6 AWG
1"	T35	T35 MT	T35 CGN	T35 MTC	T35 ICG	12.2	5	64	3 # 4 AWG
1 1/4"	T45	T45 MT	T45 CGN	T45 MTC	-	33.1	2	165	3 # 2 AWG
1 1/2"	T55	T55 MT	T55 CGN	T55 MTC	-	33.1	2	150	3 # 1/0 AWG
2"	T65	T65 MT	T65 CGN	T65 MTC	-	67	1	270	3 # 1/2 AWG
2 1/2"	T75	-	-	-	-	67	1	500	3 # 300 MCM
3"	T85	-	-	-	-	175	1	600	3 # 350 MCM
3 1/2"	T95*	-	-	-	-	298	1	900	3 # 350 MCM
4"	T105*	-	-	-	-	300	1	1000	3 # 350 MCM



## TYPE TB

Trade Size	Outlet Body		SnapPack			Internal Col.In Cu. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	TB15	-	-	-	TB15 ICG	4.5	10	29	-
3/4"	TB25	-	-	-	TB25 ICG	7.5	10	42	3 # 6 AWG
1"	TB35	-	-	-	TB35 ICG	10.8	5	58	3 # 4 AWG
1 1/4"	TB45	-	-	-	-	32.3	2	110	3 # 2 AWG
1 1/2"	TB55	-	-	-	-	34.2	2	109	3 # 2 AWG
2"	TB65	-	-	-	-	71.4	1	192	3 # 1/0 AWG



## TYPE X

Trade Size	Outlet Body		SnapPack			Internal Col.In Cu. In.	Unit Qty	Weight Lbs Per 100*	Max # of Conductors
	Rigid/IMC Cat#	Combo EMT, Rigid/IMC Cat#	Rigid/IMC Body, Traditional Cover, and Gasket Cat#	Combo EMT, Body, Traditional Cover, and Gasket Cat#	NEMA 4 Rigid/IMC Body and Integral Cover & Gasket Cat#				
1/2"	X15	-	-	-	X15 ICG	4.5	10	31	-
3/4"	X25	-	-	-	X25 ICG	7.5	10	47	3 # 6 AWG
1"	X35	-	-	-	X35 ICG	10.8	5	62	3 # 4 AWG
1 1/4"	X45	-	-	-	-	32.3	2	118	3 # 2 AWG
1 1/2"	X55	-	-	-	-	34.2	2	118	3 # 2 AWG
2"	X65	-	-	-	-	71.4	1	213	3 # 1/0 AWG

\*Weight Lbs Per 100 is listed for outlet body only

# Series 5 Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets



Series 5

## INTEGRAL GASKET COVERS

Aluminum Cover  
with Neoprene  
Integral Gasket



Trade Size	Cat. #	Unit Qty.	Weight Lbs. Per 100
1/2"	150G	50	6
3/4"	250G	50	7
1"	350G	50	8
1 1/4" - 1 1/2"	450G	50	17
2"	650G	25	26
2 1/2" - 3"	850G	10	80
3 1/2" - 4"	950G	10	145

1/2" - 3" are NEMA 4 Rated

## ALUMINUM COVERS

Aluminum



Trade Size	Cat. #	Unit Qty.	Weight Lbs. Per 100
1/2"	150	50	5
3/4"	250	50	6
1"	350	50	7
1 1/4" - 1 1/2"	450	50	15
2"	650	25	24
2 1/2" - 3"	850	10	78
3 1/2" - 4"	950	10	140

1/2" - 3" are NEMA 4 Rated

## GASKETS

Neoprene



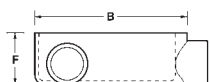
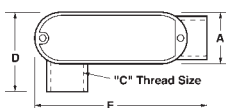
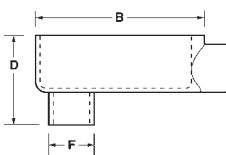
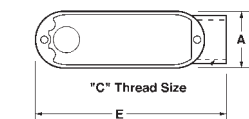
Trade Size	Cat. #	Unit Qty.	Weight Lbs. Per 100
1/2"	GASK015N	50	2
3/4"	GASK025N	50	2
1"	GASK035N	50	3
1 1/4" - 1 1/2"	GASK045N	50	6
2"	GASK065N	25	10
2 1/2" - 3"	GASK085N	10	20
3 1/2" - 4"	GASK095N	10	30

## TYPE LB DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.11	4.24	1.07
3/4"	1.53	4.67	0.75	2.38	4.97	1.28
1"	1.74	5.37	1.00	2.74	5.79	1.56
1 1/4"	2.49	7.23	1.25	3.50	7.79	1.99
1 1/2"	2.49	7.23	1.50	3.65	7.81	2.27
2"	3.10	9.46	2.00	4.24	10.20	2.91
2 1/2"	4.44	12.22	2.50	5.75	13.14	3.43
3"	4.44	12.22	3.00	6.41	13.14	4.13
3 1/2"	5.42	14.83	3.50	7.11	15.46	4.65
4"	5.42	14.83	4.00	7.20	15.46	5.16

## TYPE LR DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.06	4.40	1.40
3/4"	1.53	4.67	0.75	2.28	5.07	1.64
1"	1.74	5.37	1.00	2.51	5.94	1.90
1 1/4"	2.49	7.23	1.25	3.50	7.87	2.85
1 1/2"	2.49	7.23	1.50	3.50	7.87	2.85
2"	3.10	9.46	2.00	3.83	9.88	3.41
2 1/2"	4.50	12.22	2.50	6.00	13.14	4.00
3"	4.65	12.22	3.00	6.10	13.00	4.70
3 1/2"	5.42	14.83	3.50	6.40	15.45	5.43
4"	5.42	14.83	4.00	6.40	15.45	5.43

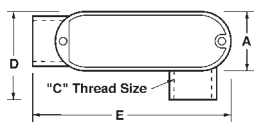


# Series 5

## Die Cast Aluminum Conduit Outlet Bodies, Covers and Gaskets

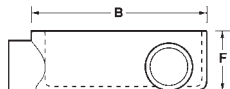


Series 5



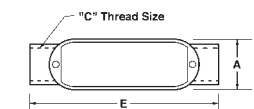
### TYPE LL DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	2.06	4.40	1.40
3/4"	1.53	4.67	0.75	2.28	5.07	1.64
1"	1.74	5.37	1.00	2.68	5.94	1.90
1 1/4"	2.49	7.23	1.25	3.50	7.87	2.85
1 1/2"	2.49	7.23	1.50	3.50	7.87	2.85
2"	3.10	9.46	2.00	3.83	10.20	3.41
2 1/2"	4.50	12.22	2.50	6.00	13.14	4.00
3"	4.65	12.22	3.00	6.10	13.00	4.70
3 1/2"	5.42	14.83	3.50	6.05	15.35	5.43
4"	5.42	14.83	4.00	6.05	15.35	5.43



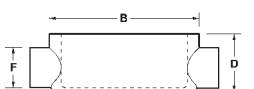
### TYPE C DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	1.40	4.82	1.07
3/4"	1.53	4.67	0.75	1.64	5.50	1.35
1"	1.74	5.37	1.00	1.90	6.44	1.67
1 1/4"	2.49	7.23	1.25	2.73	8.45	2.27
1 1/2"	2.49	7.23	1.50	2.73	8.45	2.27
2"	3.10	9.46	2.00	3.41	10.71	2.91
2 1/2"	4.50	12.22	2.50	4.30	14.00	3.50
3"	4.65	12.22	3.00	4.66	13.80	4.13
3 1/2"	5.42	14.83	3.50	5.36	16.10	5.30
4"	5.42	14.83	4.00	5.36	16.10	5.30



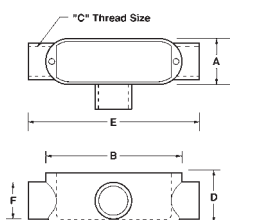
### TYPE T DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.87	0.50	1.40	4.82	1.07
3/4"	1.53	4.67	0.75	1.64	5.40	1.35
1"	1.74	5.37	1.00	1.90	6.33	1.15
1 1/4"	2.49	7.23	1.25	2.73	8.45	2.27
1 1/2"	2.49	7.23	1.50	2.73	8.45	2.27
2"	3.10	9.46	2.00	3.41	10.71	2.91
2 1/2"	4.50	12.22	2.50	4.00	14.00	3.50
3"	4.65	12.22	3.00	4.66	13.80	4.13
3 1/2"	5.42	14.83	3.50	5.40	16.00	5.30
4"	5.42	14.83	4.00	5.40	16.00	5.30



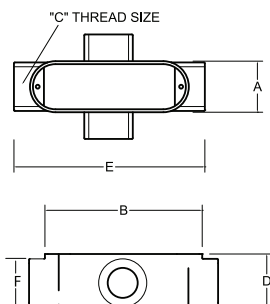
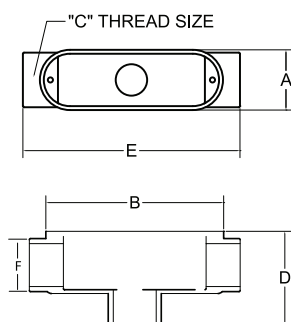
### TYPE TB DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.92	0.50	2.10	4.72	1.07
3/4"	1.53	4.64	0.75	2.40	5.51	1.28
1"	1.74	5.38	1.00	2.77	6.47	1.56
1 1/4"	2.49	7.24	1.25	3.53	8.25	1.99
1 1/2"	2.49	7.24	1.50	3.53	8.25	2.27
2"	3.10	9.50	2.00	4.50	10.50	2.91



### TYPE X DIMENSIONS—THREADED & SET SCREW

Trade Size	A	B	C	D	E	F
1/2"	1.31	3.92	0.50	1.37	4.72	1.07
3/4"	1.53	4.64	0.75	1.63	5.51	1.28
1"	1.74	5.38	1.00	1.88	6.47	1.56
1 1/4"	2.49	7.24	1.25	2.51	8.25	1.99
1 1/2"	2.49	7.24	1.50	2.50	8.25	2.27
2"	3.10	9.50	2.00	3.40	10.50	2.91





# Form 5 Conduit Outlet Bodies, Covers & Gaskets - Malleable Iron



## Applications:

Form 5 Malleable Iron Conduit Bodies are used in conduit systems to:

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

## Features:

- Interchangeable with Appleton Form 35 Conduit Bodies
- Built-in rollers on 1¼" to 4" C and LB bodies to facilitate wire pulling
- Smooth and rounded integral bushings for protection of wire insulation
- Solid neoprene gaskets may be converted to open type by pulling out perforated center section
- Stainless steel cover screws
- Domed sheet steel covers provide additional cubic capacity
- Integral gasket cover provides NEMA 4 rating

## Certifications and Compliances:

- UL File No. E-15022
- UL Standard 514B
- cUL to CSA Standard C22.2 No. 18

## Standard Materials:

- Bodies – Malleable iron
- Gaskets – Neoprene
- Covers – sheet steel or malleable
- Cover screws – stainless steel

## Standard Finishes:

- Malleable iron – electrogalvanized and aluminum acrylic paint
- Neoprene – natural
- Sheet steel – electrogalvanized
- Stainless steel – natural

## Options:

**Conduit Bodies & Cast Covers**  
Hot dipped galvanized

**Suffix**  
HDG



Form 5

Form 35 is a registered trademark of Appleton Electric/EGS.

# Form 5 Conduit Outlet Bodies, Covers & Gaskets - Malleable Iron



## Options:

### Description

‡Snapack™ - packaged body and integral gasket cover  
Available on all configurations (1/2" - 2")

Suffix  
CG

## TYPE LB ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
LB50M	1/2"	4.5	10	71	N/A
LB75M	3/4"	7.5	10	97	3 #6 AWG
LB100M	1"	12.5	10	143	3 #4 XHHW
LB125M*	1 1/4"	32.0	5	287	3 #2 XHHW
LB150M*	1 1/2"	35.3	5	331	3 #1/0 XHHW
LB200M*	2"	73.0	1	534	3 #4/0 XHHW
LB250M*	2 1/2"	142.0	1	1105	3 #300 MCM XHHW
LB300M*	3"	173.0	1	1160	3 #400 MCM XHHW
LB350M*	3 1/2"	292.0	1	1989	3 #500 MCM XHHW
LB400M*	4"	324.0	1	2099	3 #500 MCM XHHW

\*1 1/2" - 4" LB and C Bodies supplied with built in rollers to facilitate wire pulling.

## TYPE LL ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
LL50M	1/2"	4.5	10	76	N/A
LL75M	3/4"	7.5	10	95	3 #6 AWG
LL100M	1"	12.5	10	138	3 #4 XHHW
LL125M	1 1/4"	32.0	5	309	3 #2 XHHW
LL150M	1 1/2"	33.0	5	332	3 #2 XHHW
LL200M	2"	68.0	1	497	3 #4/0 XHHW
LL250M	2 1/2"	142.0	1	1105	3 #300 MCM XHHW
LL300M	3"	173.0	1	1437	3 #350 MCM XHHW
LL350M	3 1/2"	292.0	1	2321	3 #350 MCM XHHW
LL400M	4"	324.0	1	2431	3 #350 MCM XHHW

## TYPE C ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
C50M	1/2"	4.5	10	98	N/A
C75M	3/4"	7.5	10	118	3 #6 AWG
C100M	1"	12.5	10	170	3 #4 XHHW
C125M*	1 1/4"	35.0	5	309	3 #2 XHHW
C150M*	1 1/2"	35.3	5	368	3 #1/0 XHHW
C200M*	2"	75.0	1	552	3 #4/0 XHHW
C250M*	2 1/2"	153.0	1	1216	3 #300 MCM XHHW
C300M*	3"	181.0	1	1437	3 #300 MCM XHHW
C350M*	3 1/2"	290.0	1	2210	3 #350 MCM XHHW
C400M*	4"	320.0	1	2321	3 #350 MCM XHHW

\*1 1/4" - 4" LB and C Bodies supplied with built in rollers to facilitate wire pulling.

## TYPE LR ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
LR50M	1/2"	4.5	10	71	N/A
LR75M	3/4"	7.5	10	100	3 #6 AWG
LR100M	1"	12.5	10	157	3 #4 XHHW
LR125M	1 1/4"	32.0	5	332	3 #2 XHHW
LR150M	1 1/2"	35.3	5	345	3 #2 XHHW
LR200M	2"	68.0	1	626	3 #4/0 XHHW
LR250M	2 1/2"	142.0	1	1105	3 #300 MCM XHHW
LR300M	3"	173.0	1	1437	3 #350 MCM XHHW
LR350M	3 1/2"	292.0	1	2321	3 #350 MCM XHHW
LR400M	4"	324.0	1	2500	3 #350 MCM XHHW

## TYPE T ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
T50M	1/2"	6.0	10	111	N/A
T75M	3/4"	9.5	10	137	3 #6 AWG
T100M	1"	15.0	10	196	3 #4 XHHW
T125M	1 1/4"	33.0	5	332	3 #2 XHHW
T150M	1 1/2"	36.0	5	368	3 #1 XHHW
T200M	2"	76.0	1	663	3 #2/0 XHHW
T250M	2 1/2"	142.0	1	1271	3 #300 MCM XHHW
T300M	3"	173.0	1	1547	3 #300 MCM XHHW
T350M	3 1/2"	292.0	1	2542	3 #350 MCM XHHW
T400M	4"	324.0	1	2542	3 #350 MCM XHHW

# Form 5 Conduit Outlet Bodies, Covers & Gaskets - Malleable Iron



## TYPE TB ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
TB50M	1/2"	6.0	10	88	N/A
TB75M	3/4"	9.5	10	120	3 #6 AWG
TB100M	1"	15.0	10	197	3 #6 AWG
TB125M	1 1/4"	33.0	5	342	3 #6 AWG
TB150M	1 1/2"	36.0	5	420	3 #4 XHHW
TB200M	2"	76.0	1	691	3 #1/0 XHHW

## TYPE X ‡



Cat.#	Size	Internal Vol. in Cu. In.	Unit Qty.	Wt. Lbs. Per 100	Max. # of Conductors
X50M	1/2"	6.0	10	139	N/A
X75M	3/4"	9.5	10	172	3 #6 AWG
X100M	1"	15.0	10	247	3 #4 XHHW
X125M	1 1/4"	33.0	5	416	3 #2 XHHW
X150M	1 1/2"	36.0	5	463	3 #1/0 XHHW
X200M	2"	76.0	1	833	3 #2/0 XHHW

## SHEET STEEL COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50S	1/2"	50	9
K75S	3/4"	50	13
K100S	1"	25	19
K125S	1 1/4" & 1 1/2"	20	31
K200S	2"	5	50
K250S	2 1/2" & 3"	5	94
K350S	3 1/2" & 4"	5	138

## CAST IRON COVERS



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50CM	1/2"	50	23
K75CM	3/4"	50	31
K100CM	1"	25	41
K125CM	1 1/4" & 1 1/2"	20	91
K200CM	2"	5	208
K250CM	2 1/2" & 3"	5	358
K350CM	3 1/2" & 4"	5	550

## NEOPRENE GASKETS - PERFORATED CENTER



Cat. #	Size	Unit Qty.
GK50N	1/2"	100
GK75N	3/4"	100
GK100N	1"	50
GK125N	1 1/4" & 1 1/2"	25
GK200N	2"	25
GK250N	2 1/2" & 3"	25
GK350N	3 1/2" & 4"	25

## INTEGRAL GASKET COVER - SHEET STEEL



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
K50SG	1/2"	50	14
K75SG	3/4"	50	16
K100SG	1"	25	46
K125SG	1 1/4" & 1 1/2"	20	62
K200SG	2"	5	70
K250SG	2 1/2" & 3"	5	190
K350SG	3 1/2" & 4"	5	340

Form 5

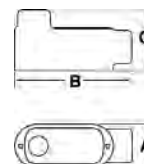
# Form 5 Conduit Outlet Bodies, Covers & Gaskets - Malleable Iron



## DIMENSIONS (In Inches):

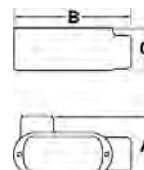
### Form 5 Iron LB

Size	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.62	5.62
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.25	16.60
C	2.05	2.25	2.65	2.75	2.83	4.42	5.40	5.90	6.90	7.21



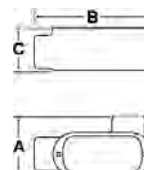
### Form 5 Iron LL

Conduit	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	7.13	7.13
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	16.50	16.50
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	6.81	7.19



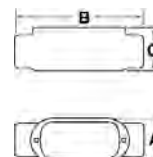
### Form 5 Iron LR

Conduit	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.10	6.95
B	4.68	5.37	6.20	8.12	8.12	10.50	13.60	13.87	6.25	16.25
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.62	5.62



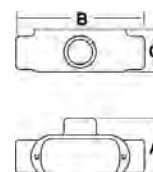
### Form 5 Iron C

Conduit	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	4.88	4.88
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.37	1.70	1.90	2.75	2.83	3.31	3.90	4.75	5.19	5.56



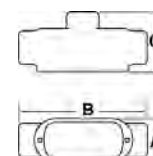
### Form 5 Iron T

Conduit	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
A	2.05	2.25	2.65	2.75	3.50	4.12	5.71	5.87	6.81	7.15
B	5.38	6.00	7.05	9.00	9.00	11.50	15.00	15.12	18.13	18.13
C	1.34	1.50	1.80	2.60	2.60	3.12	4.31	4.31	5.19	5.56



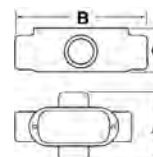
### Form 5 Iron TB

Conduit	1/2	3/4	1	1 1/4	1 1/2	2
A	1.34	1.50	1.80	2.60	2.60	3.12
B	5.38	6.00	7.05	9.00	9.00	11.50
C	2.05	2.25	2.65	2.75	2.83	4.42



### Form 5 Type X

Conduit	1/2	3/4	1	1 1/4	1 1/2	2
A	2.79	2.93	3.56	4.43	4.43	5.4
B	5.41	6.08	7.1	9.1	9.1	11.75
C	1.75	1.97	2.25	2.55	2.75	3.45



Form 5

# Cast Device Boxes



## FS and FD Boxes

### Applications:

Cast device boxes are installed to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Use indoors and outdoors
- Use in applications where boxes may be subjected to rough use

### Features:

- Green ground screw is located on the flange of the box for easy ground wire termination and is standard on boxes
- Suitable for use in wet locations when used with gasket and flat blank covers
- Mounting lugs standard
- Tapered threaded hubs (NPT) with integral bushing
- Available as shallow (FS) or deep (FD) configuration.
- Ample wiring room provided in either FS or FD configuration
- Wide selection of surface or flush covers available in three materials (sheet malleable, steel, aluminum)
- Malleable iron construction provides high tensile strength for strong, dependable service
- Covers are individually bagged and supplied with screws



Cast Device Boxes

### Certifications and Compliances:

- c UL us
- c CSA us

### Standard Materials:

- Malleable iron

### Standard Finishes:

- Malleable iron – zinc electroplate

### FS BOXES



FSM1



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FSM1	1/2"	5	222
FSM2	3/4"	5	234
FSM3	1"	5	243

### FD BOXES

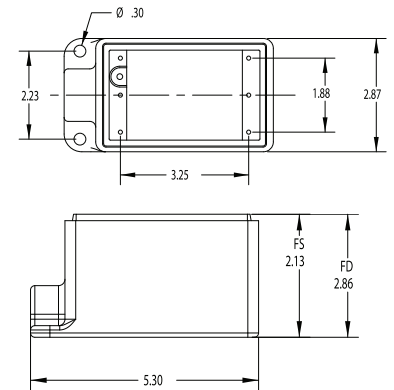


FDM1



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FDM1	1/2"	2	278
FDM2	3/4"	2	273
FDM3	1"	2	284

### FS and FD Dimensions



### FSC BOXES



FSCM1



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FSCM1	1/2"	5	234
FSCM2	3/4"	5	241
FSCM3	1"	5	250

### FDC BOXES

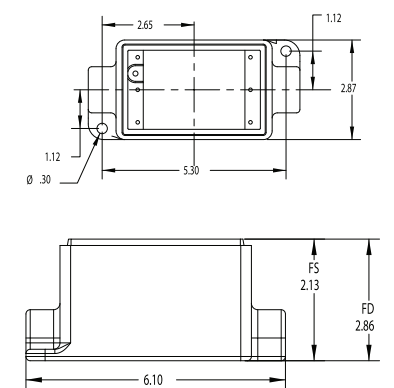


FDCM1



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FDCM1	1/2"	2	313
FDCM2	3/4"	2	294
FDCM3	1"	2	306

### FSC and FDC Dimensions



# Cast Device Boxes



## FS and FD Covers

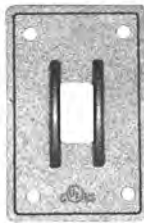
### Cast Device Covers - Malleable

#### FS AND FD COVERS - MALLEABLE

Cast Device Boxes



FBCM1



SWCM1



RCM1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCM1	Malleable Iron Flat Blank Cover	25	56
SWCM1	Malleable Iron Switch Cover	25	63
RCM1	Malleable Iron Duplex Receptacle Cover	25	55

#### FS AND FD COVERS - STEEL



FBCS1



SWCS1



RCS1



GFICS1



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCS1	Steel Flat Blank Cover	25	18
SWCS1	Steel Switch Cover	25	16
RCS1	Steel Duplex Receptacle Cover	25	13
GFICS1	Steel GFCI Cover	25	12

#### FS AND FD COVERS - ALUMINUM



FBCA1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FBCA1	Aluminum Flat Blank Cover	25	9

#### FS AND FD BOX GASKET



FSGSK1

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
FSGSK1	Neoprene Gasket	25	3.5



## Applications:

- Myers™ Scru-tite® and Ground hub are used in the termination of electrical circuits through wall of the enclosure
- Ideal for pharmaceutical, chemical and food processing, pulp/paper and nuclear industries.
- Resistant to a variety of chemicals, including acetic, citric and salt water.
- The O-ring is a special "Viton (75)" and has excellent chemical resistance.
- Hub is provided with a stainless steel ground nut.

## Features:

- Vibration proof
- Grounding screw for added safety
- Captive o-ring gasket
- No welding
- Posi-Lok insulated throat (insuliner)
- Fit standard knockouts
- Easy installation
- Controlled thread lengths
- NPSL on male thread
- No sharp edges (along parting line)



## Certifications and Compliances:

- NEC/CEC:
  - Class I, Division 2
  - Class II, Division 1 & 2
  - Class III, Division 1 & 2
- UL Listed – UL Standard 514B
- CSA Certified – Certified by UL to CSA standard C22.2 No. 18
- NEMA Type 2, 3, 3R, 4, 4X, 12 (std hub)
- NEMA Type 2, 3, 3R, 4, 4X, 12 (ground hub)

## Standard Materials:

- Nut: Zamek-2, Zamek-3, Aluminium (Al 360), Stainless (316)
- Body: Zamek-2, Zamek-3, Aluminium (Al 360), Stainless (316)
- Insuliner: Lexan
- O-Ring: Gasket Vi Ton
- Ground Screw: Steel

## Standard Finishes:

- Aluminum: Natural
- Zinc: Natural

## Optional Materials and Finishes:

- Stainless: Natural
- Zinc: Chrome-plate

## Hub Basic Scru-Tite® – NEMA 2, 3, 3R, 4, 4X and 12

Zinc  
UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
ST 03†	3/8"	25	12
ST 1†	1/2"	25	20
ST 2†	3/4"	25	32
ST 3†	1"	25	40
ST 4†	1 1/4"	10	60
ST 5†	1 1/2"	10	70
ST 6†	2"	10	90
ST 7†	2 1/2"	5	200
ST 8	3"	2	250
ST 9	3 1/2"	2	300
ST 10	4"	2	350
ST 11*	5"	1	600
ST 12*	6"	1	800

†Optional Nickel-Chrome Plate Finish. Add suffix -CP. See price list.  
\*Not supplied with insulator.

## Hub Basic Scru-Tite® – NEMA 2, 3, 3R, 4, 4X and 12

Aluminum  
UL File No. E-27258



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STA 1	1/2"	25	8
STA 2	3/4"	25	16
STA 3	1"	25	16
STA 4	1 1/4"	10	30
STA 5	1 1/2"	10	30
STA 6	2"	10	50
STA 7	2 1/2"	5	80
STA 8	3"	2	100
STA 9	3 1/2"	2	150
STA 10	4"	2	150
STA 11	5"	1	300
STA 12	6"	1	300

## Stainless Steel Ground Hub – NEMA 2, 3, 3R, 4, 4X and 12

Stainless Steel – Type 316  
UL File No. E-59509



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSTG 1	1/2"	10	20
SSTG 2	3/4"	10	30
SSTG 3	1"	10	43
SSTG 4	1 1/4"	5	55
SSTG 5	1 1/2"	5	73
SSTG 6	2"	5	95
SSTG 7	2 1/2"	2	—
SSTG 8	3"	2	—
SSTG 9	3 1/2"	2	—
SSTG 10	4"	2	—



**Ground Hub – NEMA 2, 3, 3R, 4, 4X and 12**

Zinc  
UL File No. E-59509



Max. Copper  
Grd. Wire Size

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	CSA	UL
STG 1	1/2"	25	20	#8	#8
STG 2	3/4"	25	30	#8	#8
STG 3	1"	25	43	#8	#8
STG 4	1 1/4"	10	55	#8	#8
STG 5	1 1/2"	10	73	#6	#8
STG 6	2"	10	95	#4	#8
STG 7	2 1/2"	5	190	#2	#6
STG 8	3"	2	263	1 / 0	#6
STG 9	3 1/2"	2	300	2 / 0	#6
STG 10	4"	2	350	2 / 0	#4
STG 11*	5"	1	625	2 / 0	#2
STG 12*	6"	1	750	3 / 0	#1

\*Not supplied with insulator

**Ground Hub Basic Scru-Tite®**

Zinc  
ATEX Approval with DEMKO 07 ATEX 0618172U

II 2 G Ex e II Class I, Zone 1, AEx e II  
UL File No. 187273 Class I, Zone 1, Ex e II



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STGK 1	1/2"	10	20
STGK 2	3/4"	10	30
STGK 3	1"	10	43
STGK 4	1 1/4"	5	55
STGK 5	1 1/2"	5	73
STGK 6	2"	5	95

**Stainless Steel – Type 316**

ATEX Approval with DEMKO 07 ATEX 0618172U

II 2 G Ex e II Class I, Zone 1, AEx e II  
UL File No. E-187273 Class I, Zone 1, Ex e II



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
SSTGK 1	1/2"	10	20
SSTGK 2	3/4"	10	30
SSTGK 3	1"	10	43
SSTGK 4	1 1/4"	5	55
SSTGK 5	1 1/2"	5	73
SSTGK 6	2"	5	95

**Ground Nut**

Zinc



**Ground Hub – NEMA 2, 3, 3R, 4, 4X and 12**

Aluminum – Type 360



Max. Copper  
Grd. Wire Size

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	CSA	UL
STAG 1	1/2"	25	10	#8	#8
STAG 2	3/4"	25	14	#8	#8
STAG 3	1"	25	18	#8	#8
STAG 4	1 1/4"	10	25	#8	#8
STAG 5	1 1/2"	10	33	#6	#8
STAG 6	2"	10	45	#4	#8
STAG 7	2 1/2"	5	90	#2	#6
STAG 8	3"	2	125	1 / 0	#6
STAG 9	3 1/2"	2	138	2 / 0	#6
STAG 10	4"	2	150	2 / 0	#4
STAG 11	5"	1	325	3 / 0	#2
STAG 12	6"	1	350	3 / 0	#1

Max. Copper  
Grd. Wire Size

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	CSA	UL
STGN 1	1/2"	25	6	#8	#8
STGN 2	3/4"	25	10	#8	#8
STGN 3	1"	25	13	#8	#8
STGN 4	1 1/4"	10	15	#8	#8
STGN 5	1 1/2"	10	23	#6	#8
STGN 6	2"	10	30	#4	#8

## Ground Nut

Aluminum



Max. Copper  
Grd. Wire  
Size  
CSA

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100	CSA	UL
STAGN 1	1/2"	25	3	#8	#8
STAGN 2	3/4"	25	5	#8	#8
STAGN 3	1"	25	6	#8	#8
STAGN 4	1 1/4"	10	8	#8	#8
STAGN 5	1 1/2"	10	10	#6	#8
STAGN 6	2"	10	13	#4	#8

## Cap-Off

Zinc



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STC 1	1/2"	25	13
STC 2	3/4"	25	20
STC 3	1"	25	28
STC 4	1 1/4"	10	40
STC 5	1 1/2"	10	53
STC 6	2"	10	70

## Cap-Off

Aluminum



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STAC 1	1/2"	25	6
STAC 2	3/4"	25	8
STAC 3	1"	25	12

## Through-Bulkhead Fitting

Zinc



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTB 1*	1/2"	5	30
STTB 2*	3/4"	5	50
STTB 3*	1"	5	70
STTB 4*	1 1/4"	5	85
STTB 5*	1 1/2"	5	110
STTB 6*	2"	5	160
STTB 7	2 1/2"	4	244
STTB 8	3"	2	312
STTB 9	3 1/2"	2	350
STTB 10	4"	2	400

\*UL Listed

## Through-Bulkhead Fitting

Aluminum

Packaged as two pieces unassembled



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTBA 1*	1/2"	5	20
STTBA 2*	3/4"	5	35
STTBA 3*	1"	5	30
STTBA 4*	1 1/4"	5	40
STTBA 5*	1 1/2"	5	50
STTBA 6*	2"	5	70
STTBA 7	2 1/2"	4	106
STTBA 8	3"	2	138

\*UL Listed

## Through-Bulkhead Fitting without nipples

Zinc

Packaged as two pieces unassembled



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTTB 1	1/2"	5	35
STTTB 2	3/4"	5	60
STTTB 3	1"	5	75
STTTB 4	1 1/4"	5	85
STTTB 5	1 1/2"	5	120
STTTB 6	2"	5	170

## Through-Bulkhead Fitting without nipples

Aluminum



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
STTTBA 1	1/2"	5	15
STTTBA 2	3/4"	5	25
STTTBA 3	1"	5	35
STTTBA 4	1 1/4"	5	40
STTTBA 5	1 1/2"	5	50
STTTBA 6	2"	5	75

## Non-Hazardous Drain Plug

Stainless Steel  
UL File No. E-23223



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>SSTC 1</b>	1/2"	25	13
<b>SSTC 1CD</b>	1/2"	10	13

**Note:** SSTC-1 is for knockouts and is supplied with a locknut and straight threads. SSTC-1CD is for threaded openings and is supplied without locknut and NPT threads. Not gasketed to allow for water drainage

## Non-Hazardous Drain Plug

Aluminum  
UL File No. E-23223



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>STAC 1ST</b>	1/2"	25	6
<b>STAC 1CD</b>	1/2"	25	6

**Note:** STAC-1ST is for knockouts and is supplied with a locknut and straight threads. STAC-1CD is for threaded openings and is supplied without locknut and NPT threads. Not gasketed to allow for water drainage

## Metric To NPT Adapter

Zinc



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>STM 1</b>	M20 to 1/2"	25	12
<b>STM 2</b>	M25 to 3/4"	25	32
<b>STM 3</b>	M32 to 1"	25	32
<b>STM 4</b>	M40 to 1 1/4"	10	40
<b>STM 5</b>	M50 to 1 1/2"	10	50
<b>STM 6</b>	M63 to 2"	10	70

**Note:** The Myers Metric to NPT hub adapter is used to convert a threaded metric entry to a NPT entry. The female thread is NPT and the male thread is metric.

## Metric To NPT Adapter

Stainless Steel



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>SSTM 1</b>	M20 to 1/2"	10	12
<b>SSTM 2</b>	M25 to 3/4"	10	20
<b>SSTM 3</b>	M32 to 1"	10	32
<b>SSTM 4</b>	M40 to 1 1/4"	5	40
<b>SSTM 5</b>	M50 to 1 1/2"	5	50
<b>SSTM 6</b>	M63 to 2"	5	70

### SCHEDULE OF DIMENSIONS

Pipe Size	Cat. #	A	B	C	D	E		F	G	H	J "O" Ring		K	
						Min.	Max.				C.S.	O.D.	Min.	Max.
1/4	ST 02	1 3/2	1 5/16	2 1/32	1/8	.350	.364	1/4 NPT	1/4 NPS	60°	3/21	3/4	3 5/64	9/16
3/8	ST 03†	1 3/2	1 1/8	2 1/32	1/8	.468	.493	3/8 NPT	3/8 NPS	60°	3/32	1 5/16	4 3/64	1 1/16
1/2	ST 1†	1 11/32	1 7/16	1 3/16	3/16	.591	.622	1/2 NPT	1/2 NPS	60°	1/8	1 1/2	5 5/64	7/8
3/4	ST 2†	1 15/32	1 23/32	2 3/32	3/16	.783	.824	3/4 NPT	3/4 NPS	60°	1/8	1 7/16	1 1/16	1 1/8
1	ST 3†	1 21/32	2	1 1/32	1/4	.997	1.049	1 NPT	1 NPS	60°	1/8	1 3/4	1 21/64	1 3/8
1 1/4	ST 4†	1 11/16	2 3/8	1 1/32	1/4	1.311	1.380	1 1/4 NPT	1 1/4 NPS	60°	1/8	2 1/8	1 43/64	1 3/4
1 1/2	ST 5†	1 11/16	2 3/4	1 1/32	1/4	1.529	1.610	1 1/2 NPT	1 1/2 NPS	60°	1/8	2 1/2	1 59/64	2
2	ST 6†	1 3/4	3 1/4	1 3/32	1/4	1.964	2.067	2 NPT	2 NPS	60°	1/8	3	2 23/64	2 1/2
2 1/2	ST 7†	2 1/32	3 3/4	1 9/32	1/4	2.346	2.469	2 1/2 NPT	2 1/2 NPS	60°	1/8	3 1/2	2 57/64	3
3	ST 8	2 5/16	4 3/8	1 3/8	1/4	2.915	3.068	3 NPT	3 NPS	45°	1/8	4 1/8	3 39/64	3 3/8
3 1/2	ST 9	2 3/8	5	1 7/16	1/4	3.371	3.548	3 1/2 NPT	3 1/2 NPS	45°	1/8	4 3/8	4 1/64	4 1/8
4	ST 10	2 7/16	5 1/2	1 1/2	1/4	3.825	4.026	4 NPT	4 NPS	45°	1/8	5 1/8	4 39/64	4 3/8
5	ST 11*	2 15/16	6 1/8	2	1/4	4.795	5.047	5 NPT	5 NPS	45°	1/8	6 1/2	5 37/64	5 1/16
6	ST 12*	3	7 1/16	2	5/16	5.762	6.065	6 NPT	6 NPS	45°	1/8	7 1/4	6 41/64	6 3/4

Conduit Hubs

\*Not supplied with insulator.

### Options:

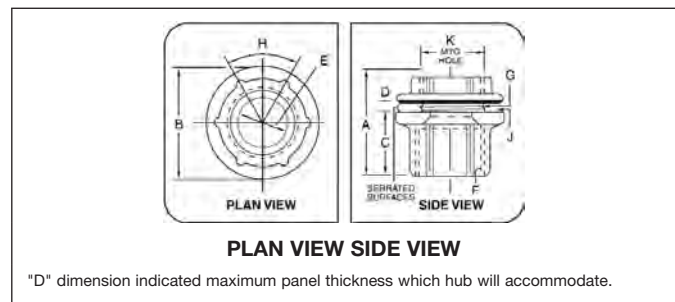
#### Description

† Optional Nickel-Chrome Plate Finish. See price list.

Suffix  
-CP

Tolerance		Cat. #	Material
Decimal	+/- .010	ST	Zinc
Fractional	+/- 1/16	STA	Aluminium
Angular & Draft	+/- 2°	SSTG	Stainless

Dimensions and materials specified are subject to change without prior notice.



### SPACING CHART FOR MYERS HUBS

#### CONDUIT OR PIPE SIZE

HOLE SIZE.	COND. SIZE.	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
9/16	1/4	1 1/16													
1 1/16	3/8	1 9/32	1 1/4												
7/8	1/2	1 5/16	1 13/32	1 9/16											
1 1/8	3/4	1 7/16	1 17/32	1 11/16	1 13/16										
1 3/8	1	1 9/32	1 11/16	1 27/32	1 31/32	2 1/8									
1 3/4	1 1/4	1 25/32	1 7/8	2 1/32	2 5/32	2 5/16	2 1/2								
2	1 1/2	1 31/32	2 1/16	2 7/32	2 11/32	2 1/2	2 11/16	2 7/8							
2 1/2	2	2 7/32	2 5/16	2 15/32	2 19/32	2 3/4	2 15/16	3 3/8	3 3/8						
3	2 1/2	2 15/32	2 9/16	2 23/32	2 27/32	3	3 3/16	3 3/8	3 3/8	3 7/8					
3 5/8	3	2 25/32	2 7/8	3 1/32	3 5/32	3 5/16	3 1/2	3 11/16	3 15/16	4 3/16	4 1/2				
4 1/8	3 1/2	3 3/32	3 3/16	3 11/32	3 15/32	3 5/8	3 9/16	4	4 1/4	4 1/2	4 13/16	5 1/8			
4 5/8	4	3 11/32	3 7/16	3 19/32	3 23/32	3 7/8	4 1/16	4 1/4	4 1/2	4 3/4	5 1/16	5 3/8	5 3/4		
5 1/16	5	4 7/32	4 1/8	4 9/32	4 13/32	4 3/16	4 3/4	4 15/16	5 3/16	5 7/16	5 3/4	6 1/16	6 3/16	7 1/8	
6 3/4	6	4 13/32	4 1/2	4 21/32	4 25/32	4 15/16	5 1/8	5 5/16	5 9/16	5 13/16	6 1/8	6 7/16	6 11/16	7 3/8	7 3/4
		1 9/32	1 1/16	2 7/32	3 1/32	1 1/8	1 1/16	1 1/2	1 3/4	2	2 5/16	2 5/8	2 7/8	3 3/16	3 15/16

Minimum space from center of pipe or conduit to nearest obstruction.

- Dimensions in dark gray shaded squares are centers for conduits of same size.  
Example: How close may 3 conduits be spaced?  
Answer 4 1/2"
- Dimensions in lighter gray shaded squares are for centers of conduits NOT of the same size.  
Example: What is the minimum spacing for 2" and 3/4" conduit?  
Read down column marked 3/4" to figure opposite 2" and find dimensions is 2 11/32".
- Minimum spacing dimensions as shown will give approximately 1/8" clearance between locking nuts.

## Features and Benefits:

- Commercial Hubs are a dependable low profile hub that meet the requirements of UL standards
- Neoprene-grade chloroprene gasket firms into an elastic compound (similar to rubber) and provides environmental protection for industrial applications
- Medium viscosity flame retardant insuliner provides a smooth pulling surface
- Cast threads to meet UL standards and allow quick and easy installation
- Hex surfaces on the body make tightening with a wrench easy
- Thinner, lighter weight construction
- Available in standard and grounded version to meet customer preferences

## Certifications and Compliances:

- UL and cUL Listed
- UL File No. E-19189

## Standard Material & Finishes:

- Body & Nut: Corrosion resistant Zamek-2 & Zamek-3 Type Zinc
- Gasket: neoprene-grade chloroprene
- Insuliner: Lexan920A, medium viscosity flame retardant grade
- Finish - Natural

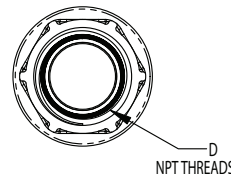
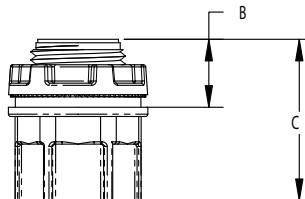
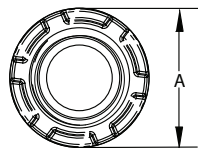


The use of rigid/IMC conduit remains the preferred choice in many applications because of the physical protection of conductors and long service life of the installation. Consequently, the need to terminate conduit into a box or enclosure creates the need for a hub.

The Commercial Hub has been developed to provide a light-weight hub that installs quickly and easily, providing a secure termination.

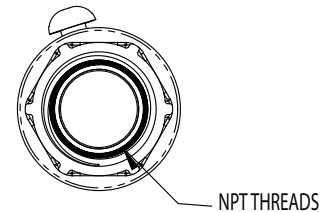
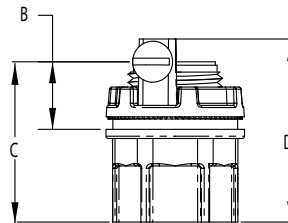
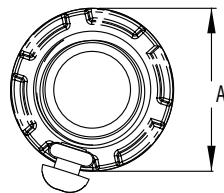
## CHB HUBS ORDERING AND DIMENSIONAL INFORMATION

Cat. No.	Trade Size	A	B	C	Unit Qty	Wt. Lbs Per 100
CHB1	1/2"	1 7/32"	39/64"	1 7/16"	25	14
CHB2	3/4"	1 1/2"	2 1/32"	1 39/64"	25	20
CHB3	1"	1 57/64"	13/16"	1 55/64"	25	33
CHB4	1 1/4"	2 1/4"	53/64"	2"	10	43
CHB5	1 1/2"	2 35/64"	55/64"	2 7/64"	10	56
CHB6	2"	3 3/64"	3 1/32"	2 7/32"	10	71
CHB7	2 1/2"	3 9/16"	1 1/64"	2 5/8"	2	135
CHB8	3"	4 3/16"	1 1/64"	2 11/64"	2	156
CHB9	3 1/2"	4 25/32"	3 1/32"	2 4 1/64"	2	193
CHB10	4"	5 23/64"	1 1/64"	2 4 1/64"	1	229



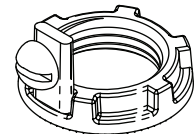
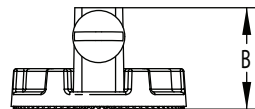
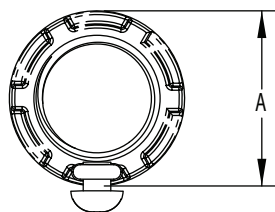
## CHG GROUNDED HUBS ORDERING AND DIMENSIONAL INFORMATION

Cat. No.	Trade Size	A	B	C	D	Unit Qty	Wt. Lbs Per 100
CHG1	1/2"	1 7/32"	39/64"	1 7/16"	1 34/64"	25	14
CHG2	3/4"	1 1/2"	2 1/32"	1 39/64"	1 55/64"	25	21
CHG3	1"	1 57/64"	13/16"	1 55/64"	2 5/64"	25	34
CHG4	1 1/4"	2 1/4"	53/64"	2"	2 9/32"	10	45
CHG5	1 1/2"	2 35/64"	55/64"	2 7/64"	2 23/64"	10	59
CHG6	2"	3 3/64"	3 1/32"	2 7/32"	2 25/64"	10	75
CHG7	2 1/2"	3 9/16"	1 1/64"	2 5/8"	2 49/64"	2	145
CHG8	3"	4 3/16"	1 1/64"	2 41/64"	2 53/64"	2	161
CHG9	3 1/2"	4 25/32"	3 1/32"	2 41/64"	2 15/16"	2	196
CHG10	4"	5 23/64"	1 1/64"	2 41/64"	2 31/32"	1	234



## CHGN GROUND NUT ORDERING AND DIMENSIONAL INFORMATION

Cat. No.	Trade Size	A	B	Ground Screw Size	Unit Qty	Wt. Lbs Per 100
CHGN1	1/2"	1 7/32"	2 1/32"	10 - 32	25	4
CHGN2	3/4"	1 1/2"	53/64"	10 - 32	25	5
CHGN3	1"	1 57/64"	59/64"	10 - 32	25	10
CHGN4	1 1/4"	2 1/4"	3 1/32"	1 1/4 - 20	10	11
CHGN5	1 1/2"	2 35/64"	63/64"	1 1/4 - 20	10	14
CHGN6	2"	3 3/64"	63/64"	1 1/4 - 20	10	16
CHGN7	2 1/2"	3 9/16"	1"	1 1/4 - 20	2	22
CHGN8	3"	4 3/16"	1 5/64"	1 1/4 - 20	2	29
CHGN9	3 1/2"	4 25/32"	1 7/64"	1 1/4 - 20	2	31
CHGN10	4"	5 23/64"	1 5/32"	1 1/4 - 20	1	40



## CONDUIT HUBS - MALLEABLE IRON

### Applications:

- Ideal for terminating electrical conduit through the walls of enclosures.
- Designed for use indoors or outdoors with rigid conduit and IMC, specific applications include food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries.



### Features:

- Male thread type
- Tapered female thread for rigid conduit and IMC
- Recessed O-ring gasket assures raintight and secure environmental connections
- Insulated throat provides smooth pulling surface
- Locking screw on the nut doubles as a grounding screw for added safety
- Complete size range from 1/2" to 6"
- Hubs fit standard knockouts. No special tools required

### Certifications and Compliances:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Divisions 1 & 2
- UL Listed – UL Standard 514B
- cUL Listed – Certified by UL to CSA Standard C22.2 No. 18
- NEMA: FB-1
- Suitable for wet locations

### Options:

Mechanically galvanized Suffix HDG

Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100	UL	cUL
MHUB1	1/2"	25	18		
MHUB2	3/4"	25	25		
MHUB3	1"	5	50		
MHUB4	1 1/4"	5	25		
MHUB5	1 1/2"	2	20		
MHUB6	2"	1	10		
MHUB7	2 1/2"	1	10		
MHUB8	3"	1	5		
MHUB9	3 1/2"	1	5		
MHUB10	4"	1	2		
MHUB11	5"	1	1		
MHUB12	6"	1	1		

## CONDUIT HUBS - IRON SPACE SAVER

### Applications:

- Ideal for terminating electrical conduit through the walls of enclosures.
- Designed for use indoors or outdoors with rigid conduit and IMC, specific applications include food processing plants, distilleries, breweries, sewage disposal plants, chemical plants, paper processing mills and refineries.

### Features:

- Male thread is on the nut for space saving.
- Quick and easy when installing rigid conduit nipple between two existing enclosures.
- Insulated throat provides smooth pulling surface.
- Furnished with SG sealing gasket.
- Hub fits standard knockouts. No special tools required.



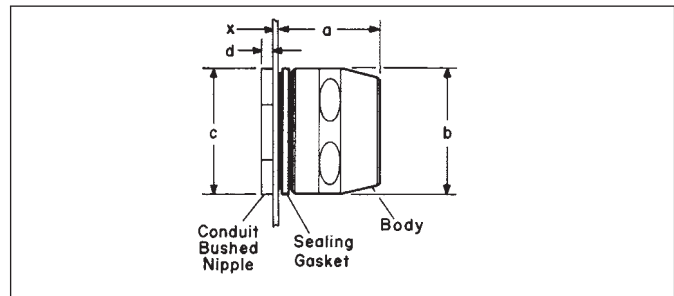
### Certifications and Compliances:

- Class I, Division 2
- Class II, Divisions 1 & 2
- Class III, Division 1 & 2
- UL Listed - UL Standard 514B.
- cUL Listed - Certified by UL to CSA Standard C22.2 No. 18.
- NEMA: FB-1
- Suitable for wet locations.

### Standard Materials & Finishes:

- Material: Malleable Iron
- Finish: Zinc Electroplate

### Dimensions In Inches:



Cat. #	Conduit Size	Unit Qty.	Wt. Lbs. Per 100					
				a	b	c	d	x
HUB1	1/2"	25	18	1	1 1/4	1	1/8	9/64
HUB2	3/4"	10	25	1 1/8	1 9/16	1 3/8	5/32	1/4
HUB3	1"	5	50	1 3/8	1 7/8	1 5/8	3/16	9/32
HUB4	1 1/4"	5	25	1 1/2	2 5/16	2	1/4	7/16
HUB5	1 1/2"	2	20	1 5/8	2 1/2	2 3/8	1/4	7/16
HUB6	2"	1	10	1 11/16	3	2 13/16	1/4	7/16
HUB7	2 1/2"	1	10	2 3/16	3 5/8	3 7/16	1/4	7/16
HUB8	3"	1	5	2 7/16	4 1/4	4 1/16	1/4	7/16
HUB9	3 1/2"	1	5	2 7/16	4 3/4	4 11/16	5/16	3/4
HUB10	4"	1	2	2 9/16	5 1/4	5 1/16	5/16	1 1/8

**Note:** Dimension "x" is maximum wall thickness of box that will meet the requirement for three full threads engagement of nipple and fitting body when box connector or rigid conduit hub is installed in a knockout or slip hole.



# Liquidtight Conduit Fittings

## Liquidator™ Liquidtight Flexible Metallic Conduit Fittings



Cooper Crouse-Hinds® liquidtight product line offers high-quality, high-performance fittings. Designed to the toughest standards and integrating the latest technology, not only do you get a reliable and durable product, you also get one that reduces installation time and cost. Our versatile lines of liquidtight fittings are designed for a wide range of applications. Choose from our Liquidator™, LiQuik™, Zinc Die Cast, Non-Metallic or Low Profile liquidtight fittings.



### Applications:

Typical applications for liquidtight conduit and liquidtight fittings include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated store front signs and billboards, etc. The flexible metallic conduit and fittings protect conductors from mechanical damage due to vibration and movement, and seal out cutting oils, coolants, water, dust, etc. Applications such as these can be found in, but are not limited to, industries such as:

- Machine tool manufacturers
- Electric power generating plants
- Waste treatment facilities
- Paint manufacturing facilities
- Automobile manufacturing facilities
- Aerospace industries
- Breweries
- Food processing plants
- Dairies
- Pulp and paper mills
- Petroleum refineries
- Chemical and petrochemical plants

### Certifications and Compliances:

- UL Listed liquidtight flexible metal conduit fittings are suitable for use in the following hazardous locations under NEC, Class I, Division 2; Class II, Division 1 and 2; and Class III, Division 1 and 2, and are suitable for grounding in sizes 3/8" through 1 1/4" under NEC.
- UL Standards: 514B, 467
- cUL Standard: C22.2 No. 18F
- UL File No. E-19189

### Standard Materials:

- Body – Straight: 3/8" through 6" malleable iron, or 3/8" through 4" aluminum
- 45° – 3/8" through 4" malleable iron
- 90° – 3/8" through 4" – malleable iron or aluminum
- Gland nut – malleable iron or aluminum
- Ferrule – 3/8" through 6" – steel
- Gland nut sealing ring – polyethylene
- Sealing gasket – thermoplastic elastomer
- Locknut – steel or aluminum

### Standard Finishes:

- Malleable iron – zinc electroplate
- Polyethylene, thermoplastic elastomer, aluminum and die cast – natural

Product Features	User Benefits
<ul style="list-style-type: none"> <li>• UL Listed, cUL Certified.</li> </ul>	Assurance of safe and reliable performance. End user peace of mind.
<ul style="list-style-type: none"> <li>• Provides protection in wet locations.</li> </ul>	Meets NEC and UL requirements for use in wet locations. Reduces downtime and replacement costs.
<ul style="list-style-type: none"> <li>• Available in various configurations in various trade sizes and materials.</li> </ul>	Complete selection of styles and sizes. Easy selection from one source, saves time and money.
<ul style="list-style-type: none"> <li>• Hex surfaces on gland nut and body.</li> </ul>	Easy wrenching. Fast, easy installation results in labor savings.
<ul style="list-style-type: none"> <li>• Thermoplastic elastomer sealing gasket effectively seals out water, oil, dust and dirt.</li> </ul>	Eliminates leakage, potential downtime and replacement costs.
<ul style="list-style-type: none"> <li>• Lock nut bites into box.</li> </ul>	Provides a reliable ground and safety of personnel and equipment. Won't vibrate loose.
<ul style="list-style-type: none"> <li>• Cupped long grounding ferrule is distortion-free.</li> </ul>	Provides excellent pullout strength, prevents conduit popout and provides grounding for safety of personnel and equipment.

### Liquidtight Fittings Selection Chart

Family	Material	Size/Range	Configurations	Typical Applications
Liquidator	Malleable Iron	3/8"–6"	Straight, 45°, 90°	Tough, industrial, corrosive for <b>STANDARD APPLICATIONS</b>
Liquidator Aluminum LT-SA	Copper-free Aluminum	3/8"–4"	Straight & 90°*	Tough, industrial, corrosive applications where <b>ALUMINUM MATERIAL PREFERRED</b>
LTK Low Profile	Steel/Malleable Iron	3/8"–2"	Straight, 45°, 90°	Tough, industrial, corrosive applications with <b>SPACE RESTRICTIONS</b>
LTQ LiQuik	Malleable Iron	3/8"–2"	Straight, 45°, 90°	Tough, industrial, corrosive applications needing <b>NO DISASSEMBLY INSTALLATIONS</b>
LTDC Zinc Die Cast	Zinc Die Cast	3/8"–4"	Straight & 90°	Tough, industrial, corrosive applications where <b>ZINC DIE CAST MATERIAL PREFERRED</b>
LTNM Non-Metallic	Nylon	3/8"–2"	Straight & 90°	Tough, industrial, corrosive for use with <b>NON-METALLIC TYPE B LIQUIDTIGHT CONDUIT</b>

\* 90° LT-SA available in 3/8"–2" only

# Liquidtight Conduit Fittings

## Liquidator™ Liquidtight Flexible Metallic Conduit Fittings



Liquidtight



### Straight Connectors

Malleable Iron							Aluminum	
Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Non-Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Copper Grounding Lug Cat. No.	Lug Size	Non-Insulated Aluminum Cat. No.	Non-Insulated with Aluminum Grounding Lug Cat. No.
3/8"	LT38	LTB38	LT38G	LTB38G	LTB38GC	#4-#14	LT38-SA	LT38G-SA
1/2"	LT50	LTB50	LT50G	LTB50G	LTB50GC	#4-#14	LT50-SA	LT50G-SA
3/4"	LT75	LTB75	LT75G	LTB75G	LTB75GC	#4-#14	LT75-SA	LT75G-SA
1"	LT100	LTB100	LT100G	LTB100G	LTB100GC	#4-#14	LT100-SA	LT100G-SA
1 1/4"	LT125	LTB125	LT125G	LTB125G	LTB125GC	#4-#14	LT125-SA	LT125G-SA
1 1/2"	LT150	LTB150	LT150G	LTB150G	LTB150GC	#4-#14	LT150-SA	LT150G-SA
2"	LT200	LTB200	LT200G	LTB200G	LTB200GC	#4-#14	LT200-SA	LT200G-SA
2 1/2"	LT250	LTB250	LT250G	LTB250G	LTB250GC	#1/0-#8	LT250-SA	LT250G-SA
3"	LT300	LTB300	LT300G	LTB300G	LTB300GC	#1/0-#8	LT300-SA	LT300G-SA
3 1/2"	LT350	LTB350	LT350G	LTB350G	LTB350GC	#3/0-#6	LT350-SA	LT350G-SA
4"	LT400	LTB400	LT400G	LTB400G	LTB400GC	#3/0-#6	LT400-SA	LT400G-SA
5"	LT500†	LTB500†	LT500G†	LTB500G†	—	250MCM-#6	—	—
6"	LT600†	LTB600†	LT600G†	LTB600G†	—	250MCM-#6	—	—

†Not UL Listed or CSA Certified



### 45° Angle Connectors

Malleable Iron							Aluminum
Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Non-Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Copper Grounding Lug Cat. No.	Lug Size	Non-Insulated Aluminum Cat. No.
3/8"	LT3845	LTB3845	LT3845G	LTB3845G	LTB3845GC	#4-#14	—
1/2"	LT5045	LTB5045	LT5045G	LTB5045G	LTB5045GC	#4-#14	—
3/4"	LT7545	LTB7545	LT7545G	LTB7545G	LTB7545GC	#4-#14	—
1"	LT10045	LTB10045	LT10045G	LTB10045G	LTB10045GC	#4-#14	—
1 1/4"	LT12545	LTB12545	LT12545G	LTB12545G	LTB12545GC	#4-#14	—
1 1/2"	LT15045	LTB15045	LT15045G	LTB15045G	LTB15045GC	#4-#14	—
2"	LT20045	LTB20045	LT20045G	LTB20045G	LTB20045GC	#4-#14	—
2 1/2"	LT25045	LTB25045	LT25045G	LTB25045G	LTB25045GC	#1/0-#8	—
3"	LT30045	LTB30045	LT30045G	LTB30045G	LTB30045GC	#1/0-#8	—
3 1/2"	LT35045	LTB35045	LT35045G	LTB35045G	LTB35045GC	#3/0-#6	—
4"	LT40045	LTB40045	LT40045G	LTB40045G	LTB40045GC	#3/0-#6	—

# Liquidtight Conduit Fittings

## Liquidator™ Liquidtight Flexible Metallic Conduit Fittings



Liquidtight

### 90° Angle Connectors

Malleable Iron							Aluminum	
Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Non-Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Aluminum Grounding Lug Cat. No.	Insulated with Copper Grounding Lug Cat. No.	Lug Size	Non-Insulated Aluminum Cat. No.	Non-Insulated with Aluminum Grounding Lug Cat. No.
3/8"	LT3890	LTB3890	LT3890G	LTB3890G	LTB3890GC	#4-#14	LT3890-SA	LT3890G-SA
1/2"	LT5090	LTB5090	LT5090G	LTB5090G	LTB5090GC	#4-#14	LT5090-SA	LT5090G-SA
3/4"	LT7590	LTB7590	LT7590G	LTB7590G	LTB7590GC	#4-#14	LT7590-SA	LT7590G-SA
1"	LT10090	LTB10090	LT10090G	LTB10090G	LTB10090GC	#4-#14	LT10090-SA	LT10090G-SA
1 1/4"	LT12590	LTB12590	LT12590G	LTB12590G	LTB12590GC	#4-#14	LT12590-SA	LT12590G-SA
1 1/2"	LT15090	LTB15090	LT15090G	LTB15090G	LTB15090GC	#4-#14	LT15090-SA	LT15090G-SA
2"	LT20090	LTB20090	LT20090G	LTB20090G	LTB20090GC	#4-#14	LT20090-SA	LT20090G-SA
2 1/2"	LT25090	LTB25090	LT25090G	LTB25090G	LTB25090GC	#1/0-#8	LT25090-SA	LT25090G-SA
3"	LT30090	LTB30090	LT30090G	LTB30090G	LTB30090GC	#1/0-#8	LT30090-SA	LT30090G-SA
3 1/2"	LT35090	LTB35090	LT35090G	LTB35090G	LTB35090GC	#3/0-#6	LT35090-SA	LT35090G-SA
4"	LT40090	LTB40090	LT40090G	LTB40090G	LTB40090GC	#3/0-#6	LT40090-SA	LT40090G-SA

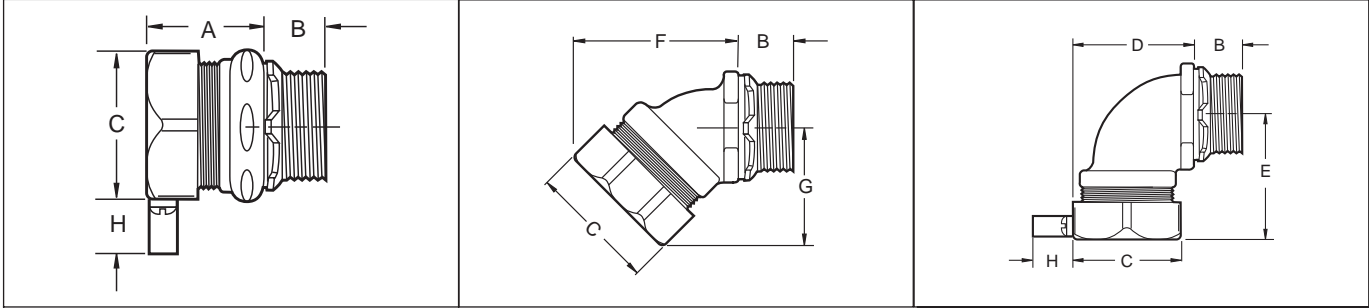
# Liquidtight Conduit Fittings

## Liquidator™ Liquidtight Flexible Metallic Conduit Fittings



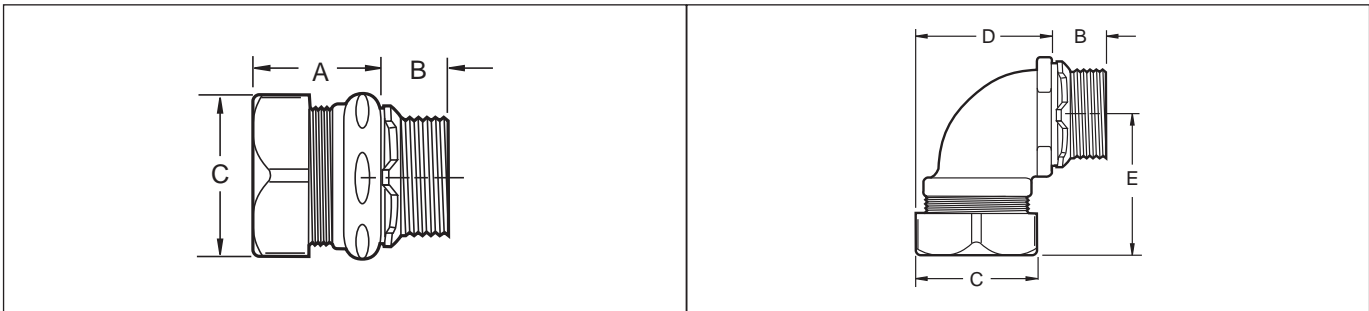
### Non-Insulated Malleable Iron Dimensions (in inches)

Liquidtight



Trade Size	A	B	C	D	E	F	G	H
3/8"	1 1/8"	1/2"	1 1/8"	1 5/16"	1 5/8"	1 15/16"	1 1/2"	3/4"
1/2"	1 1/4"	1/2"	1 1/4"	1 7/16"	1 5/8"	2"	1 1/2"	3/4"
3/4"	1 1/4"	1/2"	1 9/16"	1 5/8"	1 3/4"	2 3/16"	1 7/16"	3/4"
1"	1 7/16"	5/8"	1 13/16"	2 5/16"	2 1/8"	2 1/2"	1 13/16"	3/4"
1 1/4"	1 1/2"	11/16"	2 1/4"	2 3/8"	2 1/4"	2 13/16"	2 3/16"	3/4"
1 1/2"	1 5/8"	3/4"	2 7/16"	3 1/16"	2 3/8"	3"	2 7/16"	3/4"
2"	1 3/4"	3/4"	3"	3 3/16"	2 3/4"	3 11/16"	2 13/16"	3/4"
2 1/2"	2 3/16"	1"	4"	8 5/16"	8 3/16"	7 5/16"	4 7/16"	1 1/8"
3"	2 1/2"	1 1/8"	4 3/16"	9 13/16"	9 3/8"	7 5/8"	5 1/2"	1 1/8"
3 1/2"	2 5/8"	1 3/16"	5 1/4"	11 3/16"	11 1/4"	9 5/8"	5 15/16"	1 1/2"
4"	2 3/4"	1 1/4"	5 3/4"	13"	12 3/16"	11 1/16"	8 5/16"	1 1/2"
5"	3 3/8"	1 7/16"	6 1/16"					1 11/16"
6"	3 3/8"	1 1/2"	7 3/4"					1 11/16"

### Non-Insulated Aluminum Dimensions



Trade Size	A	B	C	D	E
3/8"	1 3/16"	19/32"	1 1/4"	1 7/16"	1 3/8"
1/2"	1 5/16"	19/32"	1 1/4"	1 1/2"	1 3/8"
3/4"	1 5/16"	19/32"	1 1/2"	1 11/16"	1 1/2"
1"	1 7/16"	13/16"	1 3/4"	2"	1 13/16"
1 1/4"	1 9/16"	13/16"	2 1/4"	2 7/16"	2 5/32"
1 1/2"	1 13/16"	13/16"	2 1/2"	2 13/16"	2 7/16"
2"	1 3/4"	7/8"	3"	3 3/16"	2 7/8"
2 1/2"	2 1/4"	1 1/16"	3 3/4"		
3"	2 7/16"	1 1/8"	4 1/2"		
3 1/2"	2 7/8"	1 3/16"	5 1/8"		
4"	2 15/16"	1 1/4"	5 5/8"		

# Liquidtight Conduit Fittings



## Liquidtight Fittings - Zinc Die Cast

### ZINC DIE CAST LIQUIDTIGHT FITTING

#### Applications:

To terminate and seal liquidtight flexible metal conduit to oiltight, liquidtight, or raintight box or enclosure. Connectors can be used with tapered thread female entry or unthreaded knockout using the provided sealing washer and lock nut.

#### Features:

- Furnished with lock nut and sealing ring
- Liquidtight/Raintight/Oiltight
- Suitable for wet locations

#### Standard Materials:

- Zinc Die Cast

#### Standard Finishes:

- Natural

#### Straight Connectors – Non-Insulated



Cat. #	Conduit Size	Unit Qty.	A	B	C	D
LT38DC	3/8"	25	1.07	.96	.62	.47
LT50DC	1/2"	25	1.07	1.08	.62	.47
LT75DC	3/4"	15	1.07	1.33	.82	.47
LT100DC	1"	8	1.34	1.56	1.02	.57
LT125DC	1 1/4"	5	1.15	1.94	1.36	.71
LT150DC	1 1/2"	4	1.52	2.19	1.60	.71
LT200DC	2"	2	1.54	2.66	2.07	.71
LT250DC	2 1/2"	1	2.20	3.28	2.51	1.06
LT300DC	3"	1	2.22	3.80	3.13	1.06
LT350DC	3 1/2"	1	2.36	4.28	3.58	1.06
LT400DC	4"	1	2.44	4.78	4.05	1.06

#### Straight Connectors – Insulated

UL File No. E-19189



Cat. #	Conduit Size	Unit Qty.	A	B	C	D
LTB38DC	3/8"	25	1.44	.96	.62	.47
LTB50DC	1/2"	25	1.44	1.08	.62	.47
LTB75DC	3/4"	15	1.56	1.33	.82	.47
LTB100DC	1"	8	2.01	1.56	1.02	.57
LTB125DC	1 1/4"	5	2.18	1.94	1.36	.71
LTB150DC	1 1/2"	4	2.19	2.19	1.60	.71
LTB200DC	2"	2	2.21	2.66	2.07	.71
LTB250DC	2 1/2"	1	2.89	3.28	2.51	1.06
LTB300DC	3"	1	2.93	3.80	3.13	1.06
LTB350DC	3 1/2"	1	3.07	4.28	3.58	1.06
LTB400DC	4"	1	3.15	4.78	4.05	1.06

#### 90° Angle Connectors – Non-Insulated

UL File No. E-19189



Cat. #	Conduit Size	Unit Qty.	A	B	C	D
LT3890DC	3/8"	25	.62	.81	.92	1.22
LT5090DC	1/2"	25	.62	.91	1.02	1.22
LT7590DC	3/4"	15	.80	1.15	1.27	1.36
LT10090DC	1"	8	1.02	1.38	1.48	1.73
LT12590DC	1 1/4"	5	1.36	1.77	1.93	2.11
LT15090DC	1 1/2"	4	1.61	2.01	2.17	2.43
LT20090DC	2"	2	2.08	2.58	2.68	2.93
LT25090DC	2 1/2"	1	2.51	3.15	3.21	3.62
LT30090DC	3"	1	3.13	3.67	3.74	4.28
LT35090DC	3 1/2"	1	3.58	4.17	4.23	4.84
LT40090DC	4"	1	4.06	4.74	4.75	5.37

#### 90° Angle Connectors – Insulated



Cat. #	Conduit Size	Unit Qty.	A	B	C	D
LTB3890DC	3/8"	25	.62	.81	.92	1.22
LTB5090DC	1/2"	25	.62	.91	1.02	1.22
LTB7590DC	3/4"	15	.80	1.15	1.27	1.36
LTB10090DC	1"	8	1.02	1.38	1.48	1.73
LTB12590DC	1 1/4"	5	1.36	1.77	1.93	2.11
LTB15090DC	1 1/2"	4	1.61	2.01	2.17	2.43
LTB20090DC	2"	2	2.08	2.58	2.68	2.93
LTB25090DC	2 1/2"	1	2.51	3.15	3.21	3.62
LTB30090DC	3"	1	3.13	3.67	3.74	4.28
LTB35090DC	3 1/2"	1	3.58	4.17	4.23	4.84
LTB40090DC	4"	1	4.06	4.74	4.75	5.37

Liquidtight

## Liquidtight Fittings Accessories

### SELF RETAINING PVC GASKET WITH STEEL RING

UL File no. E-22133

Liquidtight



Cat. #	Conduit Size	Unit Qty.	Wt. Lbs. Per 100
SG1	3/8" - 1/2"	100	1
SG2	3/4"	50	2
SG3	1"	50	2
SG4	1 1/4"	25	2
SG5	1 1/2"	25	4
SG6	2"	25	3
SG7	2 1/2"	10	5
SG8	3"	10	10
SG9	3 1/2"	10	12
SG10	4"	10	10
SG11	5"	5	15
SG12	6"	5	22

### COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC CONDUIT



Cat. #	Conduit Size	Unit Qty.	Wt. Lbs. Per 100
LTR38*	3/8"	25	17
LTR50	1/2"	25	29
LTR75	3/4"	25	33
LTR100	1"	5	59
LTR125	1 1/4"	2	105
LTR150	1 1/2"	2	105
LTR200	2"	1	160

\*For 3/8" Liquidtight to 1/2" Rigid/IMC

### COMBINATION COUPLINGS FOR COUPLING LIQUIDTIGHT TO THREADED RIGID/IMC - GROUNDING TYPE - ALUMINUM LUG



Cat. #	Conduit Size	Lug Size	Unit Qty.	Wt. Lbs. Per 100
LTR38G*	3/8"	#4 - #14	25	24
LTR50G	1/2"	#4 - #14	25	30
LTR75G	3/4"	#4 - #14	25	35
LTR100G	1"	#4 - #14	5	59
LTR125G	1 1/4"	#4 - #14	5	81
LTR150G	1 1/2"	#4 - #14	2	107
LTR200G	2"	#4 - #14	1	162

\*For 3/8" Liquidtight to 1/2" Rigid/IMC

**Note:** For other connector and lug combinations, consult factory.  
Copper lugs are available also. Consult factory for details.

### WIRE MESH GRIPS FOR LIQUIDTIGHT METALLIC CONDUIT FITTINGS



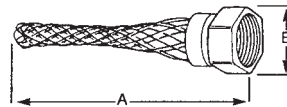
#### Applications:

- Wire mesh grips are used with Liquidator liquidtight conduit fittings to prevent conduit pullout due to stress, tension, strain, vibration, or movement.
- Typical applications include the wiring of machine tools, motors, transformers, food processing, equipment, robotics, or any application that requires a flexible liquidtight conduit connection.

#### Materials:

- Nut - Malleable iron, Ring - Aluminum, Mesh - Stainless steel

#### Wire Mesh Grip - Dimensions



Cat. #	Conduit Size	Dimensions		Unit Qty.	Wt. Lbs. Per 100
		A	B		
WMG38	3/8"	6 7/16"	1 1/4"	10	10
WMG50	1/2"	6 7/8"	1 7/16"	10	12
WMG75	3/4"	6 15/16"	1 5/8"	10	17
WMG100	1"	8 3/16"	1 15/16"	10	21
WMG125	1 1/4"	10 3/4"	2 3/8"	2	37
WMG150	1 1/2"	11 13/16"	2 3/4"	2	56
WMG200	2"	14 7/16"	3 5/16"	1	79

### REPLACEMENT LIQUIDTIGHT FERRULES

#### For Liquidator Liquidtight Fittings Only



Cat. #	Conduit Size	Unit Qty.
FEA38	3/8"	100
FEA50	1/2"	100
FEA75	3/4"	100
FEA100	1"	100
FEA125	1 1/4"	50
FEA150	1 1/2"	50
FEA200	2"	10
FEA250	2 1/2"	10
FEA300	3"	10
FEA350	3 1/2"	10
FEA400	4"	10

# Liquidtight Conduit Fittings



## LiQuik™ Liquidtight Fittings

### LiQuik™ LIQUIDTIGHT FITTINGS



No disassembly required! The LiQuik™ liquidtight fittings are quick and easy to install in 2 steps, offering huge labor saving potential. Available in trade sizes 3/8"-2" straight, 45° and 90°; in insulated or non-insulated. Product features a black gland nut for easy identification and no disassembly required.

#### Traditional Assembly Installation



1. Slide nut over conduit.



2. Slide compression ring over conduit.



3. Thread ferrule inside the conduit.



4. Slide the conduit assembly inside body.



5. Slide compression nut and ring towards the connector.



6. Tighten the nut.

#### New LiQuik Assembly Installation In Just 2 Steps:



1. Slide conduit inside the fully assembled connector.



2. Turn the connector assembly and the conduit until the ferrule threads engage the spirals in the conduit. The pins in the ferrule are locked inside the holes in the connector body, preventing the ferrule from turning. Tighten the nut against the connector.

#### LiQuik™ Liquidtight Fittings – Straight, Non-Insulated



Cat. #	Conduit Size	KO Size	Unit Qty.	Wt. Lbs. Per 100	Dimensions		
					A	B	C
LTQ38	3/8"	1/2"	25	15	1 1/8"	1/2"	1 1/8"
LTQ50	1/2"	1/2"	25	18	1 1/4"	1/2"	1 1/4"
LTQ75	3/4"	3/4"	25	29	1 1/4"	1/2"	1 9/16"
LTQ100	1"	1"	5	40	1 7/16"	5/8"	1 13/16"
LTQ125	1 1/4"	1 1/4"	5	55	1 1/2"	1 1/16"	2 1/4"
LTQ150	1 1/2"	1 1/2"	2	71	1 5/8"	3/4"	2 7/16"
LTQ200	2"	2"	1	99	1 3/4"	3/4"	3"

#### LiQuik™ Liquidtight Fittings – Straight, Insulated



Cat. #	Conduit Size	KO Size	Unit Qty.	Wt. Lbs. Per 100	Dimensions		
					A	B	C
LTQB38	3/8"	1/2"	25	16	1 1/8"	9/16"	1 1/8"
LTQB50	1/2"	1/2"	25	18	1 1/4"	9/16"	1 1/4"
LTQB75	3/4"	3/4"	25	29	1 1/4"	9/16"	1 9/16"
LTQB100	1"	1"	5	40	1 7/16"	1 1/16"	1 13/16"
LTQB125	1 1/4"	1 1/4"	5	56	1 1/2"	3/4"	2 1/4"
LTQB150	1 1/2"	1 1/2"	2	71	1 5/8"	13/16"	2 7/16"
LTQB200	2"	2"	1	100	1 3/4"	13/16"	3"

#### LiQuik™ Liquidtight Fittings – 45°, Insulated and Non-Insulated



Cat. #	Conduit Size	KO Size	Unit Qty.	Wt. Lbs. Per 100
<b>Non-Insulated</b>				
LTQ5045	1/2"	1/2"	25	29
LTQ7545	3/4"	3/4"	10	41
LTQ10045	1"	1"	10	70
<b>Insulated</b>				
LTQB5045	1/2"	1/2"	25	29
LTQB7545	3/4"	3/4"	10	33
LTQB10045	1"	1"	10	70

#### LiQuik™ Liquidtight Fittings – 90°, Insulated and Non-Insulated



Cat. #	Conduit Size	KO Size	Unit Qty.	Wt. Lbs. Per 100
<b>Non-Insulated</b>				
LTQ5090	1/2"	1/2"	25	33
LTQ7590	3/4"	3/4"	10	41
LTQ10090	1"	1"	10	76
<b>Insulated</b>				
LTQB5090	1/2"	1/2"	25	33
LTQB7590	3/4"	3/4"	10	48
LTQB10090	1"	1"	10	76

#### Replacement LiQuik™ Ferrules

Cat. #	Conduit Size	Wt. Lbs. Per 100
LTQF38	3/8"	100
LTQF50	1/2"	100
LTQF75	3/4"	100
LTQF100	1"	100
LTQF125	1 1/4"	50
LTQF150	1 1/2"	50
LTQF200	2"	10



## LTK Low Profile Liquidtight Fittings

Liquidtight

### Low Profile Liquidtight Fittings

#### Applications:

- Flexible metallic (liquidtight) conduit used with Cooper Crouse-Hinds® Liquidtight fittings is designed to protect conductors from mechanical damage due to vibration and movement while sealing out cutting oils, coolants, water, dust, etc.
- Typical applications include the wiring of machine tools, motors, transformers, food processing equipment, robotics, air conditioning units, illuminated signs, etc.
- The low profile liquidtight fittings are designed specifically for OEM applications that require close side-by-side mounting of multiple liquidtight fittings in tight spaces.

#### Certifications and Compliances:

- NEC:
  - Class I, Division 2 (Zone 2)
  - Class II, Division 1 and 2
  - Class III, Division 1 and 2
- UL Standards: 514B, 467
- CSA Standard: C22.2 No. 18

#### Standard Materials:

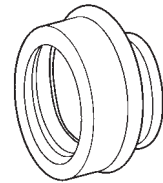
- Body – steel (straight fittings), malleable iron (angle fittings)
- Gland nut – steel
- Ferrule – steel
- Gland nut sealing ring – nylon
- Sealing gasket – polypropylene

#### Standard Finishes:

- Steel – zinc electroplate
- Malleable iron – zinc electroplate
- Nylon – natural
- Polypropylene – natural

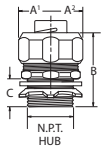
#### Replacement Ferrules

Conduit Size	Cat. #
3/8"	LTKF38
1/2"	LTKF50
3/4"	LTKF75
1"	LTKF100
1 1/4"	LTKF125
1 1/2"	LTKF150
2"	LTKF200



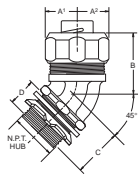
### Ordering & Dimensional Information

#### Straight Connectors — Steel



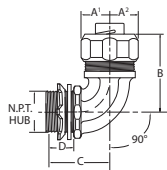
Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Over Round Corner A <sup>1</sup>	Hex A <sup>2</sup>	B	N.P.T. Thread Length C
3/8"	LTK38	LTBK38	1 3/32"	1 1/32"	1 3/16"	19/32"
1/2"	LTK50	LTBK50	1 3/16"	1 1/8"	1 11/32"	19/32"
3/4"	LTK75	LTBK75	1 7/16"	1 3/8"	1 7/16"	19/32"
1"	LTK100	LTBK100	1 3/4"	1 11/16"	1 5/8"	2 1/32"
1 1/4"	LTK125	LTBK125	2 5/32"	2 1/16"	1 27/32"	43/64"
1 1/2"	LTK150	LTBK150	2 3/8"	2 9/32"	2"	23/32"
2"	LTK200	LTBK200	2 7/8"	2 25/32"	2 1/8"	23/32"

#### 45° Angle Connectors — Malleable Iron



Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Over Round Corner A <sup>1</sup>	Hex A <sup>2</sup>	B	C	N.P.T. Thread Length D
3/8"	LTK3845	LTBK3845	1 3/32"	1 1/32"	1 7/32"	1 1/32"	19/32"
1/2"	LTK5045	LTBK5045	1 3/16"	1 1/32"	1 5/16"	1 1/32"	19/32"
3/4"	LTK7545	LTBK7545	1 7/16"	1 3/8"	1 3/8"	1 1/8"	13/32"
1"	LTK10045	LTBK10045	1 3/4"	1 11/16"	1 21/32"	1 1/4"	2 1/32"
1 1/4"	LTK12545	LTBK12545	2 5/32"	2 1/16"	1 23/32"	1 11/32"	1 1/16"
1 1/2"	LTK15045	LTBK15045	2 3/8"	2 9/32"	2"	1 15/32"	23/32"
2"	LTK20045	LTBK20045	2 7/8"	2 25/32"	2 9/32"	1 5/8"	23/32"

#### 90° Angle Connectors — Malleable Iron



Conduit Size	Non-Insulated Cat. No.	Insulated Cat. No.	Over Round Corner A <sup>1</sup>	Hex A <sup>2</sup>	B	C	N.P.T. Thread Length D
3/8"	LTK3890	LTBK3890	1 3/32"	1 1/32"	1 19/32"	1 1/4"	9/16"
1/2"	LTK5090	LTBK5090	1 3/16"	1 1/8"	1 21/32"	1 1/4"	9/16"
3/4"	LTK7590	LTBK7590	1 7/16"	1 3/8"	1 25/32"	1 17/32"	9/16"
1"	LTK10090	LTBK10090	1 3/4"	1 11/16"	2 3/16"	1 27/32"	2 1/32"
1 1/4"	LTK12590	LTBK12590	2 5/32"	2 1/16"	2 3/8"	1 15/16"	1 1/16"
1 1/2"	LTK15090	LTBK15090	2 3/8"	2 9/32"	2 5/8"	2 3/32"	23/32"
2"	LTK20090	LTBK20090	2 7/8"	2 25/32"	3 1/16"	2 13/32"	23/32"

## Space Saver Liquidtight Fittings

### SPACE SAVER LIQUIDTIGHT FITTING

#### Features & Benefits:

- Liquidtight, Raintight, Oiltight for protection and long life in wet, dusty and corrosive environments
- Compact, slim diameter for tight space and neat appearance
- Male threads on the nut maximize space in box or enclosure and provides a smooth pulling surface eliminating the need for a bushing or insulated throat fitting- saving time & money
- Reusable, long ferrule prevents pull out and tight bend conduit "pop out"
- Hex shaped gland nut is allows for easy wrenching, providing a fast tight installation
- Split sealing ring allows sealing ring to be installed after installation of ferrule and is reversible to ensure correct installation. Impossible to install incorrectly!
- Grooved design on rubber gasket allows for a snug, captive fit ensuring the gasket will not fall off during installation
- Available with optional aluminum grounding lug for easy ground wire termination

#### Certifications & Compliances:

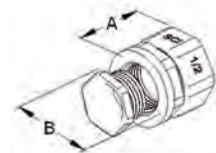
- UL Listed
- cUL Listed

#### Standard Materials:

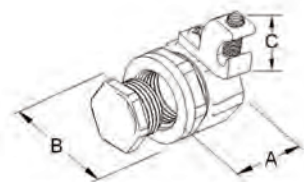
- Body: Malleable Iron
- Locknut: Steel
- Gasket: Rubber
- Lug: Aluminum

#### Standard Finishes:

- Zinc Plated



Cat. #	Size	KO Size	Unit Qty	Wt. Lbs./100	A	B	C
<b>SFLT38</b>	3/8"	1/2"	25	19	1 3/8"	1 3/16"	
<b>SFLT50</b>	1/2"	1/2"	25	21	1 3/8"	1 5/16"	
<b>SFLT75</b>	3/4"	3/4"		31	1 1/2"	1 9/16"	
<b>SFLT100</b>	1"	1"	5	44	1 5/8"	1 7/8"	



Cat. #	Size	KO Size	Unit Qty	Wt. Lbs./100	A	B	C
<b>SFLT38G</b>	3/8"	1/2"	25	23	1 3/8"	1 3/16"	3/4"
<b>SFLT50G</b>	1/2"	1/2"	25	26	1 3/8"	1 5/16"	3/4"
<b>SFLT75G</b>	3/4"	3/4"		36	1 1/2"	1 9/16"	3/4"
<b>SFLT100G</b>	1"	1"	5	48	1 5/8"	1 7/8"	3/4"

Liquidtight

## Non-Metallic Liquidtight Fittings

### NON-METALLIC LIQUIDTIGHT CONDUIT FITTINGS

#### Applications:

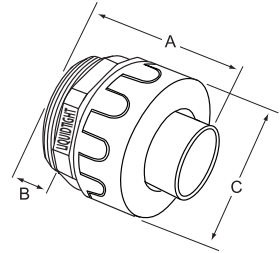
- For use with nonmetallic Type B liquidtight conduit to terminate and seal conduit to liquidtight, oiltight, or raintight box or enclosure.
- Typical applications include wiring motors, transformers, processing equipment, pumps, etc.



LT38NM



LT38NMBL



#### Features:

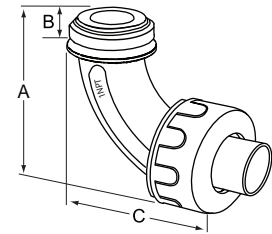
- Liquidtight, Raintight Oiltight
- Furnished with locknut and sealing ring
- Corrosion resistant
- Suitable for wet locations
- No-Spin ferrule
- 90° has smooth interior to prevent abrasion of conductors
- Molded of Type Nylon 6
- Flammability classification 94V-2; temperature index of 125° C
- No disassembly required
- No threading of conduit or tubing required to install



LT3890NM



LT3890NMBL



#### Standard Materials:

- Body – Nylon
- Locknut – Steel

Cat. #	Cat. #	Trade Size	Unit Qty.	Certification	Wt. Lbs. Per 100	A	B	C
<b>STRAIGHT</b>								
<b>GRAY</b>	<b>BLACK</b>							
LT38NM	LT38NMBL	3/8"	25	cULus	5	2.000"	0.540"	1.400"
LT50NM	LT50NMBL	1/2"	25	cULus	5	2.000"	0.540"	1.400"
LT75NM	LT75NMBL	3/4"	10	cULus	7	2.200"	0.635"	1.700"
LT100NM	LT100NMBL	1"	5	cULus	14	2.280"	0.740"	2.000"
LT125NM	LT125NMBL	1 1/4"	5	cULus	20	2.44"	0.76"	2.4"
LT150NM	LT150NMBL	1 1/2"	2	cULus	30	2.700"	0.800"	2.670"
LT200NM	LT200NMBL	2"	2	cULus	40	2.990"	0.850"	3.280"
<b>90° ANGLE</b>								
<b>GRAY</b>	<b>BLACK</b>							
LT3890NM	LT3890NMBL	3/8"	10	cULus	5	2.120"	0.500"	3.120"
LT5090NM	LT5090NMBL	1/2"	10	cULus	5	2.120"	0.500"	3.120"
LT7590NM	LT7590NMBL	3/4"	10	cULus	10	2.500"	0.520"	3.600"
LT10090NM	LT10090NMBL	1"	5	cULus	16	3.125"	0.700"	4.125"
LT12590NM	LT12590NMBL	1 1/4"	5	cULus	28	4.450"	0.760"	5.200"
LT15090NM	LT15090NMBL	1 1/2"	2	cULus	40	4.750"	0.800"	5.200"
LT20090NM	LT20090NMBL	2"	2	cULus	50	5.420"	0.860"	5.800"

## Non-Metallic Liquidtight Fittings

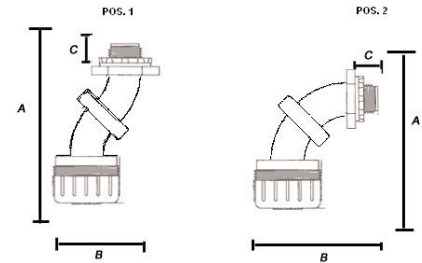
### MULTI-ANGLE CONNECTORS

#### Features:

- Swivel design can change from a 0 degree to a 90 degree angle
- No disassembly required
- Eliminate inventory by using the swivel design as a straight or 90 degree connector



LT50U90NM



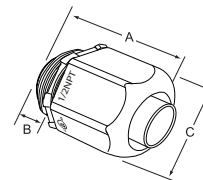
Liquidtight

Cat. #	Trade Size	Unit Qty.	Certification	Wt. Lbs. Per 100	A	B	C
LT50U90NM	1/2"	10	cULus	10	Pos 1 = 3.350" / Pos 2 = 3.025"	Pos 1 = 2.15" / Pos 2 = 2.395"	Pos 1 = .5" / Pos 2 = .5
LT75U90NM	3/4"	10	cULus	15	Pos 1 = 4.30" / Pos 2 = 3.850"	Pos 1 = 2.65" / Pos 2 = 3.350"	Pos 1 = .520" / Pos 2 = .520

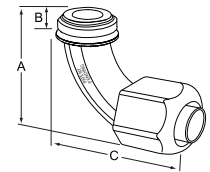
### SCREW ON CONNECTORS

#### Features:

- 1 piece design
- Design allows for excellent liquidtight seal and optimum pull strength without compression nut



LT50NMSCR



LT5090NMSCR

Cat. #	Trade Size	Unit Qty.	Certification	Wt. Lbs. Per 100	A	B	C
<b>STRAIGHT CONNECTOR</b>							
LT50NMSCR	1/2"	25	cULus	5	1.750"	0.500"	1.250"
LT75NMSCR	3/4"	25	cULus	7	1.800"	0.625"	1.500"
<b>90° ANGLE CONNECTOR</b>							
LT5090NMSCR	1/2"	10	cULus	7	1.875"	0.500"	3.125"
LT7590NMSCR	3/4"	10	cULus	9	2.375"	0.625"	3.500"

### LIQUIDTIGHT WHIPS

#### Features:

- Available in 1/2" and 3/4" conduit size
- 4 FT and 6 FT lengths
- Easy installation
- Assembled with all UL components
- Resists corrosion, oil and water
- 1/2" filled with three #10 AWG THHN copper stranded wire
- 3/4" filled with one #10 AWG THHN copper stranded wire and two #8 AWG THHN copper stranded wire



LTWHP50NM4

Cat. #	Trade Size	Unit Qty.	Certification	Wt. Lbs. Per 100
<b>4 FOOT</b>				
LTWHP50NM4	1/2"	24	Listed Components	138
LTWHP75NM4	3/4"	24	Listed Components	188
<b>6 FOOT</b>				
LTWHP50NM6	1/2"	24	Listed Components	196
LTWHP75NM6	3/4"	12	Listed Components	267

## Non-Metallic Liquidtight Fittings

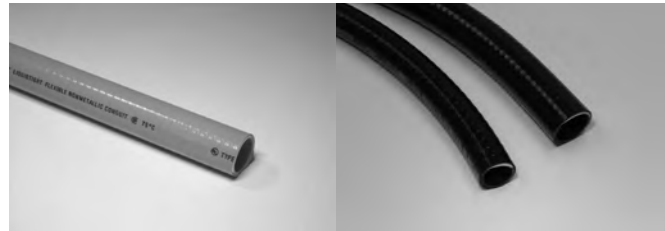
### UL TYPE B FLEXIBLE, NON-METALLIC LIQUIDTIGHT CONDUIT

#### Applications:

- For use with nonmetallic liquidtight fittings to terminate and seal conduit to liquidtight, oiltight, or raintight box or enclosure.
- Typical applications include wiring motors, transformers, processing equipment, pumps, etc.

#### Features:

- Resists abrasion, oil, water, acid and metal shavings
- Smooth inside for easier wire pulling, no hazardous sharp edges or burrs, will not damage conductors
- Corrosion resistant for tough environmental conditions
- Suitable for wet locations
- Quick installation, cuts with utility knife or PVC cutter
- 90° has smooth interior to prevent abrasion of conductors



LTCOND38NM100 - GRAY

LTCOND38NMBL100 - BLACK

#### Standard Materials:

- Integral rigid and flexible PVC construction

Cat. #	Cat. #	Trade Size	Certification	Wt. Lbs. Per 100 Ft.	Coil / Reel Size	O.D. Min - Max	I.D. Min - Max
<b>Type B 80°C Dry 60°C Wet 70°C - GRAY</b>		<b>Type B 105°C Dry 60°C Wet 70°C - BLACK</b>					
LTCOND38NM100	LTCOND38NMBL100	3/8"	UL and CSA	13	100 FT	.690 - .710"	.484 - .504"
LTCOND50NM100	LTCOND50NMBL100	1/2"	UL and CSA	15	100 FT	.820 - .840"	.622 - .642"
LTCOND75NM100	LTCOND75NMBL100	3/4"	UL and CSA	20	100 FT	1.030 - 1.050"	.820 - .840"
LTCOND100NM100	LTCOND100NMBL100	1"	UL and CSA	27	100 FT	1.290 - 1.315"	1.041 - 1.066"
LTCOND125NM100	LTCOND125NMBL100	1 1/4"	UL and CSA	35	100 FT	1.630 - 1.660"	1.380 - 1.410"
LTCOND150NM50	LTCOND150NMBL50	1 1/2"	UL and CSA	46	50 FT	1.865 - 1.900"	1.575 - 1.600"
LTCOND200NM50	LTCOND200NMBL50	2"	UL and CSA	66	50 FT	2.340 - 2.375"	2.020 - 2.045"
LTCOND38NM1200		3/8"	UL and CSA	14	1200 FT	.690 - .710"	.484 - .504"
LTCOND50NM1000		1/2"	UL and CSA	17	1000 FT	.820 - .840"	.622 - .642"
LTCOND75NM800		3/4"	UL and CSA	22	800 FT	1.030 - 1.050"	.820 - .840"
LTCOND100NM500		1"	UL and CSA	30	500 FT	1.290 - 1.315"	1.041 - 1.066"

### NON-METALLIC LIQUIDTIGHT ELECTRICAL TUBING

#### Features:

- Quick installation. Cuts with utility knife or PVC cutter
- Suitable for use in high vibration or flexing applications
- Resists corrosion, oil and water
- Maximum flexibility. Can be used in extremely tight areas
- Resists abuse, pulling and crushing



ET25NM100

Cat. #	Trade Size	Certification	Wt. Lbs. Per 100 Ft.	Coil / Reel Size	O.D. Min - Max	I.D. Min - Max
<b>Non-Metallic Electrical Tubing</b>						
ET25NM100	1/4"	UL	8	100 FT	.560 - .575"	.385 - .405"
ET38NM100	3/8"	UL and CSA	9	100 FT	.690 - .710"	.484 - .504"
ET50NM100	1/2"	UL and CSA	10	100 FT	.820 - .840"	.622 - .642"
ET75NM100	3/4"	UL and CSA	14	100 FT	1.030 - 1.050"	.820 - .840"
ET100NM100	1"	UL and CSA	19	100 FT	1.290 - 1.315"	1.041 - 1.066"
ET125NM100	1 1/4"	UL and CSA	22	100 FT	1.630 - 1.660"	1.380 - 1.410"
ET150NM50	1 1/2"	UL and CSA	28	50 FT	1.865 - 1.900"	1.575 - 1.600"
ET200NM50	2"	UL and CSA	42	50 FT	2.340 - 2.375"	2.020 - 2.045"

# Cord And Cable Connectors

## CG Series Color-Coded Cord Grips



Cord & Cable

### Applications:

CG Series color-coded grips with neoprene bushings are for use with portable cords, including S, SO, STO, ST, SJ, SJT, SJTO, and SVO.

CG cord grips are installed to:

- Provide a means for passing a cord into an enclosure
- Form a watertight seal for cord
- Provide pullout protection for cord, ensuring a secure connection

### Features:

- Neoprene bushings are color coded by cable diameter for quick and easy identification of proper cord grip.
- Rugged construction protects cord from damage.
- Compact design permits close spacing of fittings on panel applications.
- Tightening one nut creates watertight seal.
- Male tapered thread NPT.
- Straight cord grips available in steel or aluminum, 45° and 90° cord grips available in malleable iron.

### Certifications and Compliances:

- UL Standard: 514B
- UL File No. E-23223
- CSA Standard: C22.2 No. 18
- Suitable for NEMA 4 enclosures and other wet locations
- Suitable for use in Class I, Div. 2 hazardous locations when installed in accordance with NEC 501.10(B)(2).

### Standard Materials:

- Body – Straight: 1/2" through 1 1/2" steel, or 1/2" through 1" aluminum
- Body – 45° – 1/2" through 1" malleable iron
- Body – 90° – 1/2" through 1" malleable iron
- Nut – steel or aluminum
- Bushing – neoprene

### Standard Finishes:

- Body (steel or malleable Iron) – electrogalvanized
- Body (aluminum) – natural
- Nut (steel) – electrogalvanized
- Nut (aluminum) – natural

### Straight Connector

Steel Cat. #	Alum. Cat. #	Trade Size	Color Size	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs.* Per 100
CG50 250	CG50 250SA	1/2"	Red	0.15	0.25	25	10
CG50 350	CG50 350SA	1/2"	White	0.25	0.35	25	10
CG50 450	CG50 450SA	1/2"	Blue	0.35	0.45	25	10
CG50 560	CG50 560SA	1/2"	Green	0.45	0.56	25	10
CG50 650	CG50 650SA	1/2"	Brown	0.55	0.65	25	10
CG75 250	CG75 250SA	3/4"	Red	0.15	0.25	10	14
CG75 350	CG75 350SA	3/4"	White	0.25	0.35	10	14
CG75 450	CG75 450SA	3/4"	Blue	0.35	0.45	10	14
CG75 560	CG75 560SA	3/4"	Green	0.45	0.56	10	14
CG75 650	CG75 650SA	3/4"	Brown	0.55	0.65	10	14
CG75 750	CG75 750SA	3/4"	Yellow	0.65	0.75	10	14
CG75 850	CG75 850SA	3/4"	Purple	0.75	0.85	10	14
CG100 560	CG100 560SA	1"	Green	0.45	0.56	5	20
CG100 650	CG100 650SA	1"	Brown	0.55	0.65	5	20
CG100 750	CG100 750SA	1"	Yellow	0.65	0.75	5	20
CG100 850	CG100 850SA	1"	Purple	0.75	0.85	5	20
CG100 950	CG100 950SA	1"	Gray	0.85	0.95	5	20
CG100 1050	CG100 1050SA	1"	Black	0.95	1.05	5	20
CG125 850		1 1/4"	Purple	0.75	0.85	5	40
CG125 950		1 1/4"	Gray	0.85	0.95	5	40
CG125 1050		1 1/4"	Black	0.95	1.05	5	40
CG125 1150		1 1/4"	Orange	1.05	1.15	5	40
CG125 1250		1 1/4"	Red	1.15	1.25	5	40
CG125 1375		1 1/4"	White	1.25	1.375	5	40
CG150 1050		1 1/2"	Black	0.95	1.05	2	70
CG150 1150		1 1/2"	Orange	1.05	1.15	2	70
CG150 1250		1 1/2"	Red	1.15	1.25	2	70
CG150 1375		1 1/2"	White	1.25	1.375	2	70



\*Wt. Lbs. Per 100 is for steel connectors only



# Cord And Cable Connectors

## CG Series Color-Coded Cord Grips



Cord & Cable

### 45° Connector

Steel Cat. #	Trade Size	Color Size	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100
CG5045 250	1/2"	Red	0.15	0.25	10	24
CG5045 350	1/2"	White	0.25	0.35	10	24
CG5045 450	1/2"	Blue	0.35	0.45	10	24
CG5045 560	1/2"	Green	0.45	0.56	10	24
CG5045 650	1/2"	Brown	0.55	0.65	10	24
CG7545 250	3/4"	Red	0.15	0.25	10	36
CG7545 350	3/4"	White	0.25	0.35	10	36
CG7545 450	3/4"	Blue	0.35	0.45	10	36
CG7545 560	3/4"	Green	0.45	0.56	10	36
CG7545 650	3/4"	Brown	0.55	0.65	10	36
CG7545 750	3/4"	Yellow	0.65	0.75	10	36
CG7545 850	3/4"	Purple	0.75	0.85	10	36
CG10045 560	1"	Green	0.45	0.56	5	68
CG10045 650	1"	Brown	0.55	0.65	5	68
CG10045 750	1"	Yellow	0.65	0.75	5	68
CG10045 850	1"	Purple	0.75	0.85	5	68
CG10045 950	1"	Gray	0.85	0.95	5	68
CG10045 1050	1"	Black	0.95	1.05	5	68



### 90° Connector

Steel Cat. #	Trade Size	Color Size	Cable Range Min.	Cable Range Max.	Unit Qty.	Wt. Lbs. Per 100
CG5090 250	1/2"	Red	0.15	0.25	10	26
CG5090 350	1/2"	White	0.25	0.35	10	26
CG5090 450	1/2"	Blue	0.35	0.45	10	26
CG5090 560	1/2"	Green	0.45	0.56	10	26
CG5090 650	1/2"	Brown	0.55	0.65	10	26
CG7590 250	3/4"	Red	0.15	0.25	10	48
CG7590 350	3/4"	White	0.25	0.35	10	48
CG7590 450	3/4"	Blue	0.35	0.45	10	48
CG7590 560	3/4"	Green	0.45	0.56	10	48
CG7590 650	3/4"	Brown	0.55	0.65	10	48
CG7590 750	3/4"	Yellow	0.65	0.75	10	48
CG7590 850	3/4"	Purple	0.75	0.85	10	48
CG10090 560	1"	Green	0.45	0.56	5	68
CG10090 650	1"	Brown	0.55	0.65	5	68
CG10090 750	1"	Yellow	0.65	0.75	5	68
CG10090 850	1"	Purple	0.75	0.85	5	68
CG10090 950	1"	Gray	0.85	0.95	5	68
CG10090 1050	1"	Black	0.95	1.05	5	68

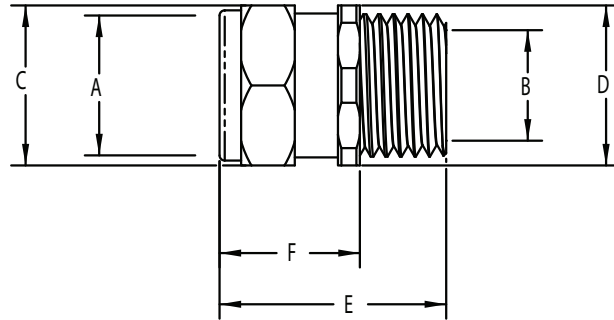




# Cord And Cable Connectors CG Series Color-Coded Cord Grips



## Cord Grips Dimensional Information



Cat. #	Size	A		B	C	D	E	F
		MIN.	MAX.	MAX. CABLE	CROSS CORNER	HEX BODY	OVERALL LENGTH	EXPOSED LENGTH
CG50 250SA	1/2	0.150	0.250	0.640	1.070	0.975	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG50 350SA	1/2	0.250	0.350	0.640	1.070	0.975	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG50 450SA	1/2	0.350	0.450	0.640	1.070	0.975	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG50 560SA	1/2	0.450	0.560	0.640	1.070	0.975	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG50 650SA	1/2	0.560	0.650	0.640	1.070	0.975	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 250SA	3/4	0.150	0.250	0.687	1.070	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 350SA	3/4	0.250	0.350	0.687	1.070	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 450SA	3/4	0.350	0.450	0.687	1.070	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 560SA	3/4	0.450	0.560	0.687	1.070	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 650SA	3/4	0.560	0.650	0.687	1.070	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>3</sup> / <sub>16</sub>
CG75 750SA	3/4	0.650	0.750	0.845	1.330	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>32</sub>
CG75 850SA	3/4	0.750	0.850	0.845	1.330	1.220	1 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>32</sub>
CG100 560SA	1	0.450	0.560	0.937	1.330	1.500	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>
CG100 650SA	1	0.560	0.650	0.937	1.330	1.500	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>
CG100 750SA	1	0.650	0.750	0.937	1.330	1.500	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>
CG100 850SA	1	0.750	0.850	0.937	1.330	1.500	1 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>
CG100 950SA	1	0.850	0.950	1.050	1.625	1.500	1 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>
CG100 1050SA	1	0.950	1.050	1.050	1.625	1.500	1 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>

Cord & Cable

## NGC Non-Metallic Cord Grips

### NGC SERIES NONMETALLIC CORD GRIPS

#### Applications:

For use with portable cord, NCG Series watertight cord grips terminate and protect conductors from mechanical damage due to vibration and movement. A neoprene bushing seals out oils, coolants, water, dust and other abusive agents. NCG cord grips may be used with types S, SO, STO, SJ, SJT, SJTO and SVO portable cords.

Typical applications include the termination of wiring for:

- Machine tools
- Motors
- Transformers
- Food processing equipment
- Robotics
- Air conditioning units
- Illuminated signs
- Terminal boxes
- Control cabinets

#### Features:

- Available in 3/8" to 1" trade sizes.
- Neoprene bushings cover a large cable range, reducing the number of different fittings required.
- Polyamide nonmetallic construction stands up to most corrosive environments.
- Polyamide locknut available, order separately.
- UL listed and cUL third party certified.
- Rain-tight and watertight construction for outdoor use.
- Tightening one nut creates watertight seal.

#### Certifications and Compliances:

- UL Standard 514B
- cUL to CSA Standard C22.2 No.18
- IP 68
- NEMA 4X Watertight
- Zone 2, Division 2 use per Code

#### Standard Materials:

- Cable gland body and nut – polyamide 6
- Bushing – neoprene
- Locknut – polyamide 6

Cat. #	Trade Size	Cable Range Inches (MM)
<b>NCG38 35</b>	3/8"	0.1–0.35 (2.5–8)
<b>NCG50 50</b>	1/2"	0.20–0.50 (5–12)
<b>NCG75 75</b>	3/4"	0.35–0.75 (9–18)
<b>NCG100 100</b>	1"	0.55–1.00 (14–25)



#### Locknuts – must be ordered separately

Cat. #	Trade Size	Std. Pkg.
<b>10N</b>	3/8"	25
<b>11N</b>	1/2"	25
<b>12N</b>	3/4"	25
<b>13N</b>	1"	20



# Cord And Cable Connectors



## NCGS Non-Metallic Solar Cord Grips

### Applications:

Cooper Crouse-Hinds Solar Cord Grips are used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box. The Solar Cord Grips provide mechanical strain relief as well as a liquid tight seal around the solar panel wires.

### Features:

- Multi-hole cord grip to allow for entry of multiple PV wires.
- Solar cord grips offer customer flexibility by allowing the termination from 1 to 13 PV wires in a single connector.
- Skinned over glands provide a durable, liquid tight seal around the wires.
- No disassembly required for installation.
- Accommodates USE-2, 12AWG and 10AWG wire.
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions.



Photo shown with steel locknut  
(locknuts must be ordered separately)

### Certifications and Compliances:

- UL/cUL listed
- IP68
- Flammability rating: 94-V2

### Standard Materials:

- 6% nylon with TPE/Buna N sealing glands



### Ordering Information:

Cat. #	Trade Size	Description
NCGS39	1"	9 Hole Solar Cord Grip
NCGS413	1 1/4"	13 Hole Solar Cord Grip

### Locknut Ordering Information:

Material	Cat. No.	Trade Size
Steel	13	1"
	14	1 1/4"
Aluminum	13 SA	1"
	14 SA	1 1/4"
Non-metallic	13N	1"
	14N	1 1/4"
Zinc	13DC	1"
	14DC	1 1/4"

Cord & Cable

## ACB Series

### ACB SERIES – STEEL

#### Applications:

- ACB Series Connectors are used to connect armored cable, metal clad cable or flexible metallic conduit to a box or enclosure.

#### Features and Benefits:

- Dual gripping saddle design on the connector safely secures cable or conduit in place and prevents loosening from vibration.
- Insulated throat provides a smooth pulling surface that won't strip cable.
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration.
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head Screwdriver.
- Steel connector is zinc electroplated for corrosion resistance.

#### Certifications and Compliances:

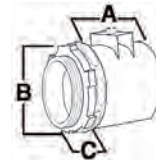
- UL Listed
- cUL Listed

#### Materials and Finishes:

- Body: Steel – Zinc electroplated
- Saddle: Steel – Zinc electroplated
- Screw: Steel – Zinc electroplated
- Insulated throat: Thermoplastic – Natural

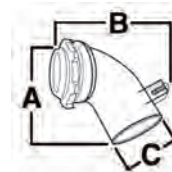


#### Straight Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB38*	3/8"	0.656	0.437	50	1 3/16"	1 1/4"	1/2"
ACB50*	1/2"	0.937	0.750	25	1 3/8"	1 1/4"	7/16"
ACB75	3/4"	1.125	0.906	10	1 3/8"	1 7/16"	7/16"
ACB100	1"	1.468	1.250	5	1 9/16"	1 13/16"	1/2"
ACB125	1 1/4"	1.500	1.312	5	2 3/16"	2 1/8"	5/8"
ACB150	1 1/2"	1.750	1.562	5	2 7/16"	2 1/2"	5/8"
ACB200	2"	2.031	1.812	1	2 9/16"	3"	5/8"
ACB250	2 1/2"	3.062	2.812	1	2 11/16"	3 5/8"	13/16"
ACB300	3"	3.562	3.312	1	2 13/16"	4 1/4"	15/16"
ACB350	3 1/2"	4.060	3.620	1	2 15/16"	3 3/4"	1"
ACB400	4"	4.560	4.120	1	3"	5 3/16"	1 1/16"

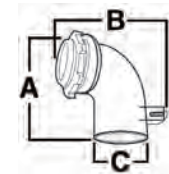
#### 45° Connector†



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3845*	3/8"	0.656	0.437	50	1 13/16"	1 13/16"	15/16"
ACB5045*	1/2"	0.937	0.750	25	2 1/8"	2 1/8"	1 1/4"
ACB7545	3/4"	1.125	0.906	10	2 3/8"	2 3/8"	1 7/16"

†45° not available in 1" size

#### 90° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3890*	3/8"	0.656	0.437	50	1 3/4"	2 1/16"	1"
ACB5090*	1/2"	0.937	0.750	25	2 1/8"	2 1/4"	1 1/4"
ACB7590	3/4"	1.125	0.906	10	2 1/2"	2 1/2"	1 3/8"
ACB10090	1"	1.468	1.250	5	2 13/16"	2 7/8"	1 11/16"

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

## Space Saver ACB Series & Quick-Lok®

### SPACE SAVER ACB SERIES – STEEL

#### Features:

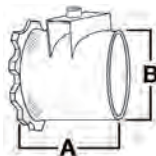
- Male threads on locknut allow for more room inside the box
- Smooth pulling surface eliminates the need for insulated throat fittings and/or conduit bushings
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Dual gripping saddle design on the fitting safely secures cable or conduit in place and prevents loosening from vibration
- Tri-head set screw may be installed using a slotted, Philips, or Robertson head screwdriver
- Steel fitting is zinc electroplated for corrosion resistance
- Suitable for use with steel or aluminum cables



#### Certifications and Compliances:

- UL Listed
- cUL Listed

UL File No. E-22132



Cat. #	Trade Size	KO Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100	Dimensions	
			Max.	Min.			A	B
SSACB38*	3/8"	1/2"	0.640	0.280	50	9	1 3/8"	3/4"
SSACB50*	1/2"	1/2"	0.930	0.635	25	12	1 3/8"	1 1/16"
SSACB75	3/4"	3/4"	1.125	0.810	20	14	1 1/2"	1 1/4"
SSACB100	1"	1"	1.405	0.775	5	30	2"	1 9/16"

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.

### QUICK-LOK® CONNECTORS – STEEL

#### Features:

- No Locknut required
- Single-unit or duplex construction with captive clamp
- Connects 50 MC, AC, and Flex RW cable sizes with just three fittings
- Easy to install: tilt, insert and snap down
- Single unit construction eliminates loose component parts, integral green plastic insulated throat bushing provides maximum protection for wire installation



AC/MC Fittings

#### Standard Materials:

- Tubular Steel

#### Standard Finishes:

- Zinc plated

UL File No. E-19188



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
QLK50S*	1/2" single	50 For 14 / 4 to 1 0/ 3 For 3/8" FMC	9
QLK50D	1/2" duplex	25 For 14 / 4 to 10 / 3	11
QLK75*	3/4"	25 For 10 / 3 to 6 / 3 For 3/8" and 1/2" FMC	11.5

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.

## Set Screw, Clamp & Duplex Type - Malleable Iron

### SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188

AC/MC Fittings



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
702V	3/8"	5/8"	7/16"	100	7
For 2 conductor No.'s 14, 12 3 conductor No.'s 14, 12 4 conductor No. 14, 5/16" flex					

### DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
<b>Straight</b> 699*	3/8"	5/8"	9/16"	25	20
<b>90 Degree</b> 700*	3/8"	5/8"	9/16"	25	14

\*UL Listed as grounding means.

### CLAMP TYPE 45° ANGLE – MALLEABLE IRON

#### Features:

- Male hub treads – NPSM

#### Standard Materials:

- Malleable Iron
- Steel locknut
- Stamped steel covers

#### Standard Finishes:

- Zinc Plated

### Clamp Type 45° Angle – Non-Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
723	3/8"	21/32"	17/32"	50	14
For 2 conductor No.'s 14, 12, 10 3 conductor No.'s 14, 12, 10 4 conductor No.'s 14, 12 Flexible metallic conduit 5/16" and 3/8"					
735	1/2"	15/16"	9/16"	25	18
For 2 conductor No. 8 Flexible metallic conduit 1/2"					
737	3/4"	1 1/8"	25/32"	25	24
For 2 conductor No.'s 6, 4 3 conductor No.'s 6, 4 Flexible metallic conduit 3/4"					

### Clamp Type 45° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1723	3/8"	21/32"	17/32"	50	14
1735	1/2"	15/16"	9/16"	25	17
1737	3/4"	1 1/8"	25/32"	25	24

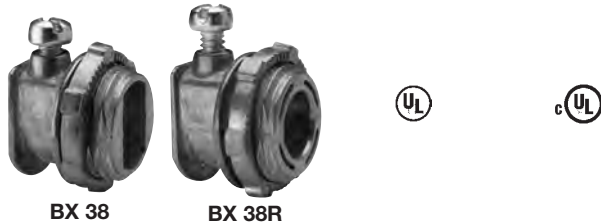
# AC/MC Fittings

## Set Screw & Duplex Type - Zinc Die Cast Combination Couplings - Steel



### SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



BX 38

BX 38R

#### Cable Opening

Cat. #	Trade Size	Desc.	Max.	Min.	Unit Qty.	Wt. Lbs. Per 100
BX38	3/8"	Oval	.469	.610	50	5
BX38R	3/8"	Round	.460	.600	50	5

### SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



ACMF

ACB38DC

#### Cable Opening

Cat. #	Trade Size	Min.	Max.	Unit Qty.	Wt. Lbs. Per 100
ACMF38	3/8"	.469	.610	100	25
ACB38DC	3/8"	.468	.610	50	35

### DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	9/16"	25	13

\*UL Listed as grounding means.

### ACC SERIES COMBINATION COUPLINGS – STEEL

#### Applications:

- ACC combination couplings are used to join EMT conduit to armored cable, metal clad cable or flexible metallic conduit.

#### Features and Benefits:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring & nut provide a strong, secure termination point for EMT conduit.
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver.
- Steel combination coupling is zinc electroplated for corrosion resistance.

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### Materials and Finishes:

- Body: Steel – Zinc electroplated
- Saddle: Steel – Zinc electroplated
- Screw: Steel – Zinc electroplated

#### Compression Coupling:

AC/MC, FMC to EMT



#### Cable Opening

Cat. #	Trade Size	Max.	Min.	Unit Qty.
ACC38	3/8"	0.656	0.437	25
ACC50	1/2"	0.937	0.750	10
ACC75	3/4"	1.125	0.906	10

#### Set-Screw Coupling:



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	3/8"	25	9
ACCSS50	1/2"	10	12
ACCSS75	3/4"	10	14

\*not UL Listed

AC/MC  
Fittings



### CLAMPS "SNAP-ON" – STEEL

Light Gauge



AC/MC Fittings

Cat. #	Conduit Sizes Rigid	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	.540	500	2
567BX	3/8"	.675	100	14

### ANTI-SHORT BUSHINGS



Cat. #	FMC Trade Size	Armored Cable Size	Unit Qty.
ASB 0	5/16"	14 - 2, 14 - 3, 12 - 2	100
ASB 1	3/8"	14 - 4, 12 - 3, 6 - 1, 4 - 1	100
ASB 2	7/16"	12 - 4, 10 - 2, 10 - 3, 2 - 1	50
ASB 3	1/2"	10 - 4, 8 - 2, 8 - 3, 1 - 1	50
ASB 4	3/4"	8 - 4, 6 - 4, 6 - 3, 6 - 2, 4 - 3, 4 - 2	50
ASB 5	1"	3 - 1, 2 - 1, 2 - 1 / 0, 1 - 300 MCM 1 - 350 MCM, 1 - 400 MCM, 1 - 450 MCM, 1 - 500 MCM	25
ASB 6	1 1/4"	4 - 1, 4 - 1 / 0, 4 - 2 / 0, 3 - 1 / 0, 3 - 2 / 0, 3 - 3 / 0, 2 - 2 / 0, 2 - 3 / 0 2 - 4 / 0, 1 - 600 MCM, 1 - 650 MCM, 1 - 700 MCM, 1 - 750 MCM, 1 - 800 MCM, 1 - 900 MCM	10
ASB 7	1 1/2"	4 - 3 / 0, 4 - 4 / 0, 3 - 4 / 0, 3 - 250 MCM, 3 - 300 MCM, 2 - 250 MCM, 2 - 300 MCM, 2 - 350 MCM, 1 - 1000 MCM	10
ASB 8	2" to 2 1/2"	4 - 250 MCM, 4 - 300 MCM, 4 - 350 MCM, 4 - 400 MCM, 4 - 450 MCM, 4 - 500 MCM, 3 - 350 MCM, 3 - 400 MCM, 3 - 450 MCM, 3 - 500 MCM, 2 - 400 MCM, 2 - 450 MCM, 2 - 500 MCM	10

Bushings are packed in clear poly bags.  
Anti-short bushings have a temperature rating of 90°C

# Flexible Metallic Conduit Fittings

## ACB Series



### ACB SERIES – STEEL

#### Applications:

- ACB Series Connectors are used to connect armored cable, metal clad cable or flexible metallic conduit to a box or enclosure.

#### Features and Benefits:

- Dual gripping saddle design on the connector safely secures cable or conduit in place and prevents loosening from vibration.
- Insulated throat provides a smooth pulling surface that won't strip cable.
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration.
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head Screwdriver.
- Steel connector is zinc electroplated for corrosion resistance.

#### Certifications and Compliances:

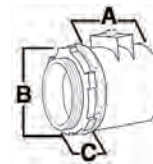
- UL Listed
- cUL Listed

#### Materials and Finishes:

- Body: Steel – Zinc electroplated
- Saddle: Steel – Zinc electroplated
- Screw: Steel – Zinc electroplated
- Insulated throat: Thermoplastic – Natural

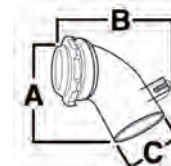


### Straight Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB38*	3/8"	0.656	0.437	50	1 3/16"	1 1/4"	1/2"
ACB50*	1/2"	0.937	0.750	25	1 3/8"	1 1/4"	7/16"
ACB75	3/4"	1.125	0.906	10	1 3/8"	1 7/16"	7/16"
ACB100	1"	1.468	1.250	5	1 9/16"	1 13/16"	1/2"
ACB125	1 1/4"	1.500	1.312	5	2 3/16"	2 1/8"	5/8"
ACB150	1 1/2"	1.750	1.562	5	2 7/16"	2 1/2"	5/8"
ACB200	2"	2.031	1.812	1	2 9/16"	3"	5/8"
ACB250	2 1/2"	3.062	2.812	1	2 11/16"	3 3/8"	13/16"
ACB300	3"	3.562	3.312	1	2 13/16"	4 1/4"	15/16"
ACB350	3 1/2"	4.060	3.620	1	2 15/16"	3 3/4"	1"
ACB400	4"	4.560	4.120	1	3"	5 3/16"	1 1/16"

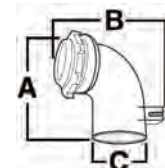
### 45° Connectors†



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3845*	3/8"	0.656	0.437	50	1 13/16"	1 13/16"	15/16"
ACB5045*	1/2"	0.937	0.750	25	2 1/8"	2 1/8"	1 1/4"
ACB7545	3/4"	1.125	0.906	10	2 3/8"	2 3/8"	1 7/16"

†45° not available in 1" size

### 90° Connectors



Cat. #	Trade Size	Cable Opening		Unit Qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3890*	3/8"	0.656	0.437	50	1 3/4"	2 1/16"	1"
ACB5090*	1/2"	0.937	0.750	25	2 1/8"	2 1/4"	1 1/4"
ACB7590	3/4"	1.125	0.906	10	2 1/2"	2 1/2"	1 3/8"
ACB10090	1"	1.468	1.250	5	2 13/16"	2 7/8"	1 11/16"

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.

FMC Fittings

# Flexible Metallic Conduit Fittings

## Space Saver ACB Series & Quick-Lok®



FMC Fittings

### SPACE SAVER ACB SERIES – STEEL

#### Features:

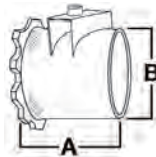
- Male threads on locknut allow for more room inside the box
- Smooth pulling surface eliminates the need for insulated throat fittings and/or conduit bushings
- Angled teeth on locknut bite into enclosure, preventing loosening from vibration
- Dual gripping saddle design on the fitting safely secures cable or conduit in place and prevents loosening from vibration
- Tri-head set screw may be installed using a slotted, Philips, or Robertson head screwdriver
- Steel fitting is zinc electroplated for corrosion resistance
- Suitable for use with steel or aluminum cables



#### Certifications and Compliances:

- UL Listed
- cUL Listed

UL File No. E-22132



Cat. #	Trade Size	KO Size	Cable Opening		Unit Qty.	Wt. Lbs. Per 100	Dimensions	
			Max.	Min.			A	B
SSACB38*	3/8"	1/2"	0.640	0.280	50	9	1 3/8"	3/4"
SSACB50*	1/2"	1/2"	0.930	0.635	25	12	1 3/8"	1 1/16"
SSACB75	3/4"	3/4"	1.125	0.810	10	14	1 1/2"	1 1/4"
SSACB100	1"	1"	1.405	0.775	5	30	2"	1 9/16"

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

### QUICK-LOK® CONNECTORS – STEEL

#### Features:

- No Locknut required
- Single-unit or duplex construction with captive clamp
- Connects 50 MC, AC, and Flex RW cable sizes with just three fittings
- Easy to install: tilt, insert and snap down
- Single unit construction eliminates loose component parts, integral green plastic insulated throat bushing provides maximum protection for wire installation



#### Standard Materials:

- Tubular Steel

#### Standard Finishes:

- Zinc plated

UL File No. E-19188



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
QLK50S*	1/2" single	50 For 14 / 4 to 10 / 3 For 3/8" FMC	9
QLK50D	1/2" duplex	25 For 14 / 4 to 10 / 3	11
QLK75*	3/4"	25 For 10 / 3 to 6 / 3 For 3/8" and 1/2" FMC	11.5

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

# Flexible Metallic Conduit Fittings

## Squeeze Type



### SQUEEZE TYPE – MALLEABLE IRON

#### Standard Materials:

- Malleable Iron
- Steel Locknut

#### Standard Finishes:

- Zinc plated

#### Squeeze Type\* - Non-Insulated

UL File No. E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
707†§	3/8"	5/8"	3/8"	100	7
708‡	1/2"	15/16"	5/8"	50	14
709	3/4"	1 1/8"	3/4"	20	22
710	1"	1 3/8"	1"	20	31
711	1 1/4"	1 21/32"	1 5/16"	10	46
712	1 1/2"	1 7/8"	1 1/2"	5	79
713	2"	2 1/2"	2"	2	101
714	2 1/2"	2 7/8"	2 3/8"	2	161
715	3"	3 9/16"	3"	1	220
721	3 1/2"	4"	2 13/32"	1	470
722	4"	4 19/32"	3 31/32"	1	610

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

†Suitable for use with armored cable.

‡Suitable for use with metal clad cable.

§ UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)

MCAP™ is a registered trademark of Southwire Company.

#### Straight – Insulated\*

UL File No. E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
1707†§	3/8"	5/8"	3/8"	100	8
1708‡	1/2"	15/16"	5/8"	50	14
1709	3/4"	1 1/8"	3/4"	20	17
1710	1"	1 3/8"	1"	20	26
1711	1 1/4"	1 21/32"	1 5/16"	10	42
1712	1 1/2"	1 7/8"	1 1/2"	5	77
1713	2"	2 1/2"	2"	2	100
1714	2 1/2"	2 7/8"	2 3/8"	2	160
1715	3"	3 9/16"	3"	1	221
1721	3 1/2"	4"	3 13/32"	1	470
1722	4"	4 19/32"	3 31/32"	1	610

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

†Suitable for use with armored cable.

‡Suitable for use with metal clad cable.

§ UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)

MCAP™ is a registered trademark of Southwire Company.

### SQUEEZE TYPE – ZINC DIE CAST

#### Squeeze Type\* – Straight – Non-Insulated



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
707DC	3/8"	50	6
708DC	1/2"	25	8
709DC	3/4"	25	11
710DC	1"	10	16
711DC	1 1/4"	10	21
712DC	1 1/2"	5	28
713DC	2"	4	36
714DC	2 1/2"	2	85
715DC	3"	1	109
721DC	3 1/2"	1	144
722DC	4"	1	183

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

#### Squeeze Type\* – Straight – Insulated

UL File No. E-19188



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
1707DC	3/8"	50	6
1708DC	1/2"	25	8
1709DC	3/4"	25	11
1710DC	1"	10	16
1711DC	1 1/4"	10	21
1712DC	1 1/2"	5	28
1713DC	2"	4	36
1714DC	2 1/2"	2	85
1715DC	3"	1	109
1721DC	3 1/2"	1	144
1722DC	4"	1	183

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

FMC Fittings

# Flexible Metallic Conduit Fittings

## Clamp Type



FMC Fittings

### CLAMP TYPE 45° ANGLE – MALLEABLE IRON

#### Features:

- Male hub treads – NPSM

#### Standard Materials:

- Malleable Iron
- Steel locknut
- Stamped steel covers

#### Standard Finishes:

- Zinc Plated

### Clamp Type 45° Angle – Non-Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
<b>723*</b>	3/8"	21/32"	17/32"	50	14
		For 2 conductor No.'s 14, 12, 10 3 conductor No.'s 14, 12, 10 4 conductor No.'s 14, 12 Flexible metallic conduit 5/16" and 3/8"			
<b>735</b>	1/2"	15/16"	9/16"	25	18
		For 2 conductor No. 8 Flexible metallic conduit 1/2"			
<b>737</b>	3/4"	1 1/8"	25/32"	25	24
		For 2 conductor No.'s 6, 4 3 conductor No.'s 6, 4 Flexible metallic conduit 3/4"			

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

### Clamp Type 45° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
<b>1723*</b>	3/8"	21/32"	17/32"	50	14
<b>1735</b>	1/2"	15/16"	9/16"	25	17
<b>1737</b>	3/4"	1 1/8"	25/32"	25	24

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

### CLAMP TYPE 90° ANGLE – MALLEABLE IRON

#### Clamp Type\* 90° Angle – Non-Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. /100
<b>724†§</b>	3/8"	21/32"	17/32"	50	15
		For 2 conductor No.'s 14, 12, 10 3 conductor No.'s 14, 12, 10 4 conductor No.'s 14, 12 Flexible metallic conduit 5/16" and 3/8"			
<b>736†</b>	1/2"	15/16"	9/16"	25	19
<b>738†</b>	3/4"	1 1/8"	13/16"	20	31
<b>739</b>	1"	1 13/32"	1"	5	50
<b>740</b>	1 1/4"	1 21/32"	1 1/4"	2	113
<b>741</b>	1 1/2"	1 7/8"	1 1/2"	1	188
<b>742</b>	2"	2 1/2"	1 15/16"	1	236
<b>744</b>	2 1/2"	3"	2 1/2"	1	400
<b>745</b>	3"	3 1/2"	3"	1	600
<b>746</b>	3 1/2"	4"	3 13/32"	1	1150
<b>747</b>	4"	4 19/32"	3 31/32"	1	1460

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).  
†Suitable for use with armored cable.

§ UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

### Clamp Type 90° Angle – Insulated

UL File No. E-19188 or E-19189



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. /100
<b>1736†</b>	1/2"	15/16"	9/16"	25	19
<b>1738†</b>	3/4"	1 1/8"	13/16"	20	31
<b>1739</b>	1"	1 13/32"	1"	5	50
<b>1740</b>	1 1/4"	1 21/32"	1 1/4"	2	113
<b>1741</b>	1 1/2"	1 7/8"	1 1/2"	1	188
<b>1742</b>	2"	2 1/2"	1 15/16"	1	236
<b>1744</b>	2 1/2"	3"	2 1/2"	1	400
<b>1745</b>	3"	3 1/2"	3"	1	600
<b>1746</b>	3 1/2"	4"	3 13/32"	1	1150
<b>1747</b>	4"	4 19/32"	3 31/32"	1	1460

†Suitable for use with armored cable.

# Flexible Metallic Conduit Fittings

## Squeeze, Set Screw & Duplex Type



### SQUEEZE TYPE – ZINC DIE CAST

Squeeze Type\* 90° Angle – Non-Insulated  
UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
724DC	3/8"	50	8
736DC	1/2"	25	11
738DC	3/4"	10	15
739DC	1"	5	25
740DC	1 1/4"	10	41
741DC	1 1/2"	1	117
742DC	2"	1	119
744DC	2 1/2"	1	286
745DC	3"	1	405
746DC	3 1/2"	1	560
747DC	4"	1	642

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

Squeeze Type\* 90° Angle – Insulated  
UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
1724DC	3/8"	50	8
1736DC	1/2"	25	11
1738DC	3/4"	10	15
1739DC	1"	5	25
1740DC	1 1/4"	10	41
1741DC	1 1/2"	1	117
1742DC	2"	1	119
1744DC	2 1/2"	1	286
1745DC	3"	1	405
1746DC	3 1/2"	1	560
1747DC	4"	1	642

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

### SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
702V§	3/8"	5/8"	7/16"	100	7
For 2 conductor No.'s 14, 12 3 conductor No.'s 14, 12 4 conductor No. 14, 9/16" flex					

§ UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

### DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
<b>Straight</b>					
699*§	3/8"	5/8"	9/16"	25	20
<b>90 Degree</b>					
700*§	3/8"	5/8"	9/16"	25	14

\*UL Listed as grounding means.

§ UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

FMC Fittings

# Flexible Metallic Conduit Fittings

## Set Screw, Duplex & Screw-In Type - Zinc Die Cast



FMC Fittings

### SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



#### Cable Opening

Cat. #	Trade Size	Desc.	Min.	Max.	Unit Qty.	Wt. Lbs. Per 100
BX38R	3/8"	Round	.460	.600	50	5

### SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188

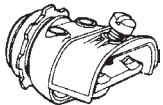


#### Cable Opening

Cat. #	Trade Size	Min.	Max.	Unit Qty.	Wt. Lbs. Per 100
ACB38DC	3/8"	.465	.610	50	35

### DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	9/16"	25	13

\*UL Listed as grounding means.

### SET SCREW FLEX CONNECTOR – ZINC DIE CAST

#### Angled Set Screw

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
702DC	1/2"	25	23
703DC	3/4"	25	35

### SCREW-IN TYPE – ZINC DIE CAST

#### Straight Connectors – Non-Insulated

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
770DC	3/8"	80	5
771DC	1/2"	60	5
772DC	3/4"	35	9
773DC	1"	15	13
774DC	1 1/4"	10	24
775DC	1 1/2"	6	35
776DC	2"	3	52

#### Couplings

UL File No. 19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
791DC	1/2"	40	4
792DC	3/4"	25	8
793DC	1"	15	12
794DC	1 1/4"	10	21
795DC	1 1/2"	6	31
796DC	2"	3	44



# Flexible Metallic Conduit Fittings

## Combination Couplings



### ACC SERIES COMBINATION COUPLINGS – STEEL

#### Applications:

- ACC combination couplings are used to join EMT conduit to armored cable, metal clad cable or flexible metallic conduit.

#### Features:

- Dual gripping saddle design on the coupling safely secures cable or conduit in place and prevents loosening from vibration
- Steel compression ring & nut provide a strong, secure termination point for EMT conduit.
- Tri-head set screw may be installed using a slotted, Phillips or Robertson head screwdriver.
- Steel combination coupling is zinc electroplated for corrosion resistance.

#### Certifications and Compliances:

- UL Listed
- cUL Listed

#### Materials and Finishes:

- Body: Steel – Zinc electroplated
- Saddle: Steel – Zinc electroplated
- Screw: Steel – Zinc electroplated

#### Compression Coupling:



Cat. #	Trade Size	Cable Opening		Unit Qty.
		Max.	Min.	
ACC38	3/8"	0.656	0.437	25
ACC50	1/2"	0.937	0.750	10
ACC75	3/4"	1.125	0.906	10

#### Set-Screw Coupling:



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
ACCSS38*	3/8"	25	9
ACCSS50	1/2"	10	12
ACCSS75	3/4"	10	14

\*not UL Listed

### COMBINATION COUPLINGS – ZINC DIE CAST

#### EMT (Set Screw) to Flexible Steel (Clamp)\*

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
780DC	1/2" to 3/8"	50	8

\*UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class I, Division 2, NEC 501-4(b).

### SET SCREW SQUEEZE TYPE COMBINATION COUPLINGS – ZINC DIE CAST

#### Set Screw Squeeze Type

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECS38DC	1/2" to 3/8"	50	34
FECS50DC	1/2" to 1/2"	25	22
FECS75DC	3/4" to 3/4"	25	36

### SCREW-IN TYPE COMPRESSION COMBINATION COUPLINGS – ZINC DIE CAST

UL File No. E-19189



Cat. #	Trade Size	Unit Qty.	Wt. Lbs. Per 100
FECC50DC	1/2"	50	41
FECC75DC	3/4"	25	31
FECC100DC	1"	25	46

FMC Fittings

# Flexible Metallic Conduit Fittings

## Clamps & Anti-Short Bushings



### CLAMPS "SNAP-ON" – STEEL

Light Gauge



FMC Fittings

Cat. #	Conduit Sizes Rigid	Size of Strap Inside	Unit Qty.	Wt. Lbs. Per 100
566	1/4"	.540	500	2
567BX	3/8"	.675	100	14

### ANTI-SHORT BUSHINGS



Cat. #	FMC Trade Size	Armoured Cable Size	Unit Qty.
<b>ASB 0</b>	5/16"	14 – 2, 14 – 3, 12 – 2	100
<b>ASB 1</b>	3/8"	14 – 4, 12 – 3, 6 – 1, 4 – 1	100
<b>ASB 2</b>	7/16"	12 – 4, 10 – 2, 10 – 3, 2 – 1	50
<b>ASB 3</b>	1/2"	10 – 4, 8 – 2, 8 – 3, 1 – 1	50
<b>ASB 4</b>	3/4"	8 – 4, 6 – 4, 6 – 3, 6 – 2, 4 – 3, 4 – 2	50
<b>ASB 5</b>	1"	3 – 1, 2 – 1, 2 – 1 / 0, 1 – 300 MCM, 1 – 350 MCM, 1 – 400 MCM, 1 – 450 MCM, 1 – 500 MCM	25
<b>ASB 6</b>	1 1/4"	4 – 1, 4 – 1 / 0, 4 – 2 / 0, 3 – 1 / 0, 3 – 2 / 0, 3 – 3 / 0, 2 – 2 / 0, 2 – 3 / 0, 2 – 4 / 0, 1 – 600 MCM, 1 – 650 MCM, 1 – 700 MCM, 1 – 750 MCM, 1 – 800 MCM, 1 – 900 MCM	10
<b>ASB 7</b>	1 1/2"	4 – 3 / 0, 4 – 4 / 0, 3 – 4 / 0, 3 – 250 MCM, 3 – 300 MCM, 2 – 250 MCM, 2 – 300 MCM, 2 – 350 MCM, 1 – 1000 MCM	10
<b>ASB 8</b>	2" to 2 1/2"	4 – 250 MCM, 4 – 300 MCM, 4 – 350 MCM, 4 – 400 MCM, 4 – 450 MCM, 4 – 500 MCM, 3 – 350 MCM, 3 – 400 MCM, 3 – 450 MCM, 3 – 500 MCM, 2 – 400 MCM, 2 – 450 MCM, 2 – 500 MCM	10

**Note:** Bushings are packed in clear poly bags.  
Anti-short bushings have a temperature rating of 90°C

# Non-Metallic Sheathed Cable Connectors

## Clamp, Set Screw & Duplex Type



### CLAMP TYPE – STEEL

UL File No. E-22132



#### Clamp Opening

Cat. #	K.O. Size	Min.	Max.	Width	Unit Qty.	Wt. Lbs. Per 100
631	3/4"	33/64"	13/16"	13/16"	20	14
			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6			
632	1"	3/8"	1 1/64"	1 1/64"	10	21
			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6			

### CLAMP TYPE – ZINC DIE CAST

UL File No. E-302794



Cat. #	Trade Size	K.O. Size	Unit Qty.	Wt. Lbs. Per 100
759DC	3/8"	1/2"	100	4
			For 2 conductor No.'s 14, 12, 10 3 conductor No.'s 14, 12	
2631	3/4"	3/4"	50	9
			For 3 conductor No.'s 8, 6	
2632	1"	1"	25	12
			For 3 conductor No.'s 6, 4	
2633	1 1/4"	1 1/4"	10	22
			For 3 conductor No.'s 3, 2	
2670	1 1/2"	1 1/2"	5	25
			For 3 conductor No. 2 / 0	
2671	2"	2"	10	40
			For 3 conductor No. 4 / 0	

### SET SCREW TYPE - ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
ACB38DC	3/8"			50	35

### DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade Size	Diam. of Opening for Cable	Diam. of Bushed Hole	Unit Qty.	Wt. Lbs. Per 100
2699*	3/8"	5/8"	9/16"	25	13

\*UL Listed as grounding means.

NM Sheathed

# Service Entrance and Grounding Fittings

## Service Entrance Elbows & Connectors



### SERVICE ENTRANCE ELBOWS – ALUMINUM

Gasketed  
UL File No. E-19189



Cat. #	Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
SLB1	1/2"	10	50	25
SLB2	3/4"	10	50	30
SLB3	1"	5	25	51
SLB4	1 1/4"	2	10	83
SLB5	1 1/2"	1	5	117
SLB6	2"	1	5	192

### SERVICE ENTRANCE CABLE CONNECTORS – MALLEABLE IRON

Non-watertight for Oval Cable  
UL File No. E-22134



Clamp Opening Width

Cat. #	K.O. Size	Min.	Max.	Wt. Lbs. Per 100
631	3/4"	33/64"	13/16"	14
			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6	
632	1"	3/8"	1 1/64"	21
			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6	

### SERVICE ENTRANCE CABLE CONNECTORS – ZINC DIE CAST

Non-watertight for Oval Cable  
UL File No. E-10438



Clamp Opening

Cat. #	K.O. Size	Min.	Max.	Width	Unit Qty.	Wt. Lbs. Per 100
2631	3/4"	.300"	.075"	.075"	50	9
2632	1"	.350"	.920"	.920"	25	12
2633	1 1/4"	.335"	.960"	.960"	10	22
2670	1 1/2"	.350"	1.00"	1.00"	5	25
2671	2"	.700"	1.30"	1.30"	10	40

### SERVICE ENTRANCE CABLE WATERTIGHT CONNECTORS – ZINC DIE CAST

UL File No. E-22134



#### Applications:

- Service Entrance Cable Watertight connectors are used for sealing and terminating Oval Type SE or USE cable to a threaded entry of a watertight box or enclosure



Cat. #	Size	Description	Unit Qty.	Wt. Lbs. Per 100
WTC50U	1/2"	USE Watertight Connector	12 1/2	24
WTC75U	3/4"	USE Watertight Connector	12 2/3	38
WTC1004	1"	Watertight Connector 3#4	10	21
WTC1006	1"	Watertight Connector 3#6	10	21
WTC1008	1"	Watertight Connector 3#8	10	22
WTC1251	1 1/4"	Watertight Connector 3#1	10	38
WTC1252	1 1/4"	Watertight Connector 3#2	5	38
WTC1253	1 1/4"	Watertight Connector 3#3	5	39
WTC1501	1 1/2"	Watertight Connector 3#1/0	5	57
WTC1502	1 1/2"	Watertight Connector 3#2/0	5	57
WTC2001	2"	Watertight Connector 3#1/0	5	88
WTC2002	2"	Watertight Connector 3#2/0	10	93
WTC2003	2"	Watertight Connector 3#3/0	5	87
WTC2004	2"	Watertight Connector 3#4/0	5	85
WTC2004A	2"	Watertight Connector 3#4/0	5	84

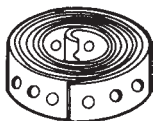
# Service Entrance and Grounding Fittings

## Straps, Clamps & Service Entrance Caps



### PERFORATED STRAP – STEEL

10 Foot Coils



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
3000	3/4" x .035 Galvanized 1/4" holes – 1/2" to 1" Centers	10	10

### GROUND CLAMP – ZINC DIE CAST

For Bare or Insulated Wire or Armored Grounding Cable



Cat. #	Grounding Conductor Electrode Clamping Range	Lug Conductor Range	Unit Qty.	Wt. Lbs. Per 100
141DC	1/2", 3/4", 1"	#8 – #2	25	16

### GROUND CLAMP – BRONZE PLATED

For Bare or Insulated Wire or Armored Grounding Cable



Cat. #	Grounding Conductor Electrode Clamping Range	Lug Conductor Range	Unit Qty.	Wt. Lbs. Per 100
141PDC	1/2", 3/4", 1"	#8 – #2	25	16

### SERVICE ENTRANCE CAPS

#### Applications:

- Use in overhead service entrance
- Mounts on top of EMT, Rigid or IMC conduit
- Serves as a connecting point for service entrance wires
- Available in Clamp Type, Set-Screw, Threaded and Mast Type styles



UL File No. E-153721



Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
<b>Clamp Type</b>			
EHC1	1/2"	15	11
EHC2	3/4"	10	21
EHC3	1"	7	27
EHC4	1 1/4"	5	32
EHC5	1 1/2"	3	53
EHC6	2"	8	89
EHC7	2 1/2"	3	300
EHC8	3"	3	322
EHC9	3 1/2"	2	513
EHC10	4"	2	519
<b>Threaded Type</b>			
EHT1	1/2"	15	19
EHT2	3/4"	10	24
EHT3	1"	7	24
EHT4	1 1/4"	5	28
EHT5	1 1/2"	3	51
EHT6	2"	8	81
EHT7	2 1/2"	3	272
EHT8	3"	3	298
EHT9	3 1/2"	2	538
EHT10	4"	2	541
<b>Set Screw Type</b>			
EHSS1	1/2"	15	15
EHSS2	3/4"	10	18
EHSS3	1"	7	24
EHSS4	1 1/4"	5	28
EHSS5	1 1/2"	3	58
EHSS6	2"	8	86
EHSS7	2 1/2"	3	308
EHSS8	3"	3	308
EHSS9	3 1/2"	2	517
EHSS10	4"	2	517
<b>Mast Type</b>			
EHMT1	1 1/4" – 2"	2	45
EHMT2	1 1/4" – 2"	1	75
EHMT3	1 1/2" – 2 1/2"	2	73
EHMT4	2" – 2 1/2"	1	75

Service Entrance / Groundings

# Cable Fittings Reference Chart



Reference Chart

Cat. #	AC	MC	FMC	NM	SE	FLEX to EMT	AC/FLEX to EMT	Cable Ranges	Armored Cables Steel & Aluminum	Metal Clad Cables Steel & Aluminum	Conduit Cable Type
631				•	•			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6			
632				•	•			For 2 conductor No.'s 8, 6 3 conductor No.'s 8, 6			
699	•	•	•					AC 0.470min / 12/4max FE & AL MCI 0.470min / 0.500max FE	14/2, 14/3, 14/4, 12/2, 12/3, 12/4 .470/.560	ST: 14/2, 14/3, 14/4, 12/2, .470/.500	FE RWFMC
700	•	•	•								
707	•	•	•					AC 0.560, MCI 0.500 FE & AL	12/4	AL: 14/4 ST: 12/3	FE RWFMC
708		•	•					MCI 0.870 AL		AL: 6/3	FE RWFMC
709			•								FE RWFMC
710			•								FE RWFMC
711			•								FE RWFMC
712			•								FE RWFMC
713			•								FE RWFMC
714			•								FE RWFMC
715			•								FE RWFMC
721			•								FE RWFMC
722			•								FE RWFMC
723	•	•	•					AC 0.470min / 12/4max FE & AL MCI 0.470min / 0.640max FE MCI 0.500min / 0.630max AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, .470/.550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .500/.630 ST: 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .470/.630	FE RWFMC
724	•	•	•					AC 0.460min / 12/4max FE & AL MCI 0.500min / 0.630max FE MCI 0.500min / 0.640max AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, .460/.550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .500/.630 ST: 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .500/.630	FE RWFMC
735			•								FE RWFMC
736			•								FE RWFMC
737	•	•	•					AC 0.990 FE & AL MCI 0.950min / 1.020max FE & AL	4/3	6/4, 4/3 .950/1.020	FE RWFMC
738	•	•	•					AC 0.920min / 4/3max FE & AL MCI 0.840 FE MCI 0.880min / 1.030max AL	6/4, 4/3, .920/1.100	AL: 6/3, 6/4, 4/3, .880/1.030 ST: 6/3	FE RWFMC
739			•								FE RWFMC
740			•								FE RWFMC
741			•								FE RWFMC
742			•								FE RWFMC
744			•								FE RWFMC
745			•								FE RWFMC
746			•								FE RWFMC
747			•								FE RWFMC

AC = Armored Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit  
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

# Cable Fittings Reference Chart



Cat. #	AC	MC	FMC	NM	SE	FLEX to EMT	AC/FLEX to EMT	Cable Ranges	Armored Cables Steel & Aluminum	Metal Clad Cables Steel & Aluminum	Conduit Cable Type
1707	•	•	•					AC 0.560, MCI 0.500 FE & AL			FE RWFMC
1708		•	•					MCI 0.870 AL		AL: 6/3	FE RWFMC
1709			•								FE RWFMC
1710			•								FE RWFMC
1711			•								FE RWFMC
1712			•								FE RWFMC
1713			•								FE RWFMC
1714			•								FE RWFMC
1715			•								FE RWFMC
1721			•								FE RWFMC
1722			•								FE RWFMC
1723			•					AC 0.470min / 12/4max FE & AL MCI 0.470min / 0.640max FE MCI 0.500min / 0.630max AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, .470/.550	AL: 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .500/.630 ST: 14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3, 10/4, 8/2, .470/.630	FE RWFMC
1735			•								FE RWFMC
1736			•								FE RWFMC
1737	•	•	•					AC 0.990 FE & AL MCI 0.950min / 1.020max FE & AL	4/3	6/4, 4/3, .950/1.020	FE RWFMC
1738	•	•	•					AC 0.920min / 4/3max FE & AL MCI 0.840 FE MCI 0.880min / 1.030max AL	6/4, 4/3, .920/1.100	AL: 6/3, 6/4, 4/3, .880/1.030 ST: 6/3	FE RWFMC
1739			•								FE RWFMC
1740			•								FE RWFMC
1741			•								FE RWFMC
1742			•								FE RWFMC
1744			•								FE RWFMC
1745			•								FE RWFMC
1746			•								FE RWFMC
1747			•								FE RWFMC
2631				•	•			For 3 conductor No.'s 8, 6			
2632				•	•			For 3 conductor No.'s 6, 4			
2633				•	•			For 3 conductor No.'s 3, 2			
2670				•	•			For 3 conductor No. 2/0			
2671				•	•			For 3 conductor No. 4/0			
2699	•	•	•								
1707DC			•								
1708DC			•								
1709DC			•								
1710DC			•								
1711DC			•								
1712DC			•								
1713DC			•								
1714DC			•								
1715DC			•								
1721DC			•								
1722DC			•								
1724DC			•								
1736DC			•								
1738DC			•								

Reference Chart

AC = Armored Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit  
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit



# Cable Fittings Reference Chart



Reference Chart

Cat. #	AC	MC	FMC	NM	SE	FLEX to EMT	AC/FLEX to EMT	Cable Ranges	Armored Cables Steel & Aluminum	Metal Clad Cables Steel & Aluminum	Conduit Cable Type
1739DC			•								
1740DC			•								
1741DC			•								
1742DC			•								
1744DC			•								
1745DC			•								
1746DC			•								
1747DC			•								
702V	•	•	•								
707DC			•								
708DC			•								
709DC			•								
710DC			•								
711DC			•								
712DC			•								
713DC			•								
714DC			•								
715DC			•								
721DC			•								
722DC			•								
724DC			•								
736DC			•								
738DC			•								
739DC			•								
740DC			•								
741DC			•								
742DC			•								
744DC			•								
745DC			•								
746DC			•								
747DC			•								
759DC				•				For 2 conductor No.s 14, 12, 10 3 conductor No.'s 14, 12			
770DC			•								
771DC			•								
772DC			•								
773DC			•								
774DC			•								
775DC			•								
776DC			•								
780DC						•					
791DC			•								
792DC			•								
793DC			•								
794DC			•								
795DC			•								
796DC			•								

AC = Armored Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit  
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

# Cable Fittings Reference Chart



Reference Chart

Cat. #	AC	MC	FMC	NM	SE	FLEX to EMT	AC/ FLEX to EMT	Cable Ranges	Armored Cables Steel & Aluminum	Metal Clad Cables Steel & Aluminum	Conduit Cable Type
ACB100	•	•	•					AC 0.930min / 1/4max FE & AL MCI 0.960min / 1.468max FE & AL	6/4, 4/3, 4/4, 3/2, 3/3, 2/3, 2/4, 1/3, 1/4, .930/1.468	6/4, 4/3, 4/4, 3/3, 3/4, .960/1.468	FEFMC
ACB125	•	•	•								FEFMC
ACB150	•	•	•								FEFMC
ACB200	•	•	•								FEFMC
ACB250	•	•	•								FEFMC
ACB300	•	•	•								FEFMC
ACB350	•	•	•								FEFMC
ACB38	•	•	•					AC 0.450min / 10/2max FE & AL MCI 0.450min / 0.660max FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	FEFMC
ACB400	•	•	•								
ACB50	•	•	•					AC 0.550min / 6/3max FE & AL MCI 0.640min / 0.920max FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, .550/.920	10/2, 10/3, 10/4, 8/2, 8/3, .640/.920	FEFMC
ACB75	•	•	•					AC 0.930min / 4/3max FE AC 0.680min / 4/3max AL MCI 0.730min / 1.075max FE MCI 0.930min / 1.075max AL	<b>AL:</b> 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, .680/1.075 <b>ST:</b> 6/4, 4/2, 4/3, .930/1.075	<b>AL:</b> 6/4, 4/3, 3/3, .930/1.075 <b>ST:</b> 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, .730/1.075	FEFMC
ACC38						•	•				
ACC50						•	•				
ACC75						•	•				
ACCSS38						•	•				
ACCSS50						•	•				
ACCSS75						•	•				
ASB 0	•		•					14/2, 14/3, 12/2			
ASB 1	•		•					14/4, 12/3, 6/1, 4/1			
ASB 2	•		•					12/2, 10/2, 10/3, 2/1			
ASB 3	•		•					10/4, 8/2, 8/3, 1/1			
ASB 4	•		•					8/4, 6/4, 6/3, 6/2, 4/3, 4/2			
ASB 5	•		•					3/1, 2/1, 2-1/0, 1-300 MCM, 1-350 MCM, 1-400 MCM, 1-450 MCM, 1-500 MCM			
ASB 6	•		•					4/1, 4-1/0, 4-2/0, 3-1/0, 3-2/0, 3-3/0, 2-2/0, 2-3/0, 2-4/0, 1-600 MCM, 1-650 MCM, 1-700 MCM, 1-750 MCM, 1-800 MCM, 1-900 MCM,			
ASB 7	•		•					4-3/0, 4-4/0, 3-4/0, 3-250 MCM, 3-300 MCM, 2-250MCM, 2-300 MCM, 2-350 MCM, 1-1000 MCM			
ASB 8	•		•					4-250 MCM, 4-300 MCM, 4-350 MCM, 4-400 MCM, 4-450 MCM, 4-500 MCM, 3-350 MCM, 3-400 MCM, 3-450 MCM, 3-500 MCM, 2-400 MCM, 2-450 MCM, 2-500 MCM			

AC = Armored Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit  
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

# Cable Fittings Reference Chart



Reference Chart

Cat. #	AC	MC	FMC	NM	SE	FLEX to EMT	AC/ FLEX to EMT	Cable Ranges	Armored Cables Steel & Aluminum	Metal Clad Cables Steel & Aluminum	Conduit Cable Type
QLK50D	•	•	•						14/2, 14/3, 14/4, 12/2, 12/3, 12/4	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2	
QLK50S	•	•	•						14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, 10/3	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2	
QLK75	•	•	•						10/4, 10/5, 8/3, 8/4, 6/3	10/3, 10/4, 8/2, 8/3, 6/2,	
SSACB38	•	•	•					AC 0.450min / 10/2max FE & AL MCI 0.450min / 0.660max FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	.450/.660	FEFMC
SSACB50	•	•	•					AC 0.550min / 6/3max FE & AL MCI 0.640min / 0.920max FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, .550/.920	.640/.3920	FEFMC
SSACB75	•	•	•					AC 0.930min / 4/3max FE AC 0.680min / 4/3max AL MCI 0.730min / 1.075max FE MCI 0.930min / 1.075max AL	8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, .930/1.075	AL: .930/1.075 ST: .730/1.075	FEFMC
SSACB100	•	•	•					AC 0.930min / 1/4max FE & AL MCI 0.960min / 1.468max FE & AL	6/4, 4/3, 4/4, 3/3, 3/4, 2/3, 2/4, 1/3, 1/4, .930/1.468	.960/1.468	FEFMC
ACB3845	•	•	•					AC 0.450min / 10/2max FE & AL MCI 0.450min / 0.660max FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	FEFMC
ACB5045	•	•	•					AC 0.550min / 6/3max FE & AL MCI 0.640min / 0.920max FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, .550/.920	10/2, 10/3, 10/4, 8/2, 8/3, .640/.920	FEFMC
ACB7545	•	•	•					AC 0.930min / 4/3max FE AC 0.680min / 4/3max AL MCI 0.730min / 1.075max FE MCI 0.930min / 1.075max AL	AL: 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, .680/1.075 ST: 6/4, 4/2, 4/3, .930/1.075	AL: 6/4, 4/3, 3/3, .930/1.075 ST: 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, .730/1.075	FEFMC
ACB3890	•	•	•					AC 0.450min / 10/2max FE & AL MCI 0.450min / 0.660max FE & AL	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	14/2, 14/3, 14/4, 12/2, 12/3, 12/4, 10/2, .450/.660	FEFMC
ACB5090	•	•	•					AC 0.550min / 6/3max FE & AL MCI 0.640min / 0.920max FE & AL	12/4, 10/2, 10/3, 10/4, 8/2, 8/3, 8/4, 6/2, 6/3, .550/.920	10/2, 10/3, 10/4, 8/2, 8/3, .640/.920	FEFMC
ACB7590	•	•	•					AC 0.930min / 4/3max FE AC 0.680min / 4/3max AL MCI 0.730min / 1.075max FE MCI 0.930min / 1.075max AL	AL: 8/3, 8/4, 6/2, 6/3, 6/4, 4/2, 4/3, .680/1.075 ST: 6/4, 4/2, 4/3, .930/1.075	AL: 6/4, 4/3, 3/3, .930/1.075 ST: 8/3, 8/4, 6/2, 6/3, 6/4, 4/3, 3/3, .730/1.075	FEFMC
ACB10090	•	•	•					AC 0.930min / 1/4max FE & AL MCI 0.960min / 1.468max FE & AL	6/4, 4/3, 4/4, 3/2, 3/3, 2/3, 2/4, 1/3, 1/4, .930/1.468	6/4, 4/3, 4/4, 3/3, 3/4, .960/1.468	FEFMC
BX38	•	•	•						14/2	14/2	FEFMC
BX38R	•	•	•						10/4	10/2	FEFMC
FECC50DC						•					
FECC75DC						•					
FECC100DC						•					
FECS38DC						•					
FECS75DC						•					
702DC			•								
703DC			•								
ACMF38	•	•	•					14-2 through 10-2 FE or AL 14-2 OD .470 through 10-3 OD .610 14-2 OD .469 through 10-3 OD.600 MCI			FE RWFMC
ACB38DC	•	•	•	•	•			14-2 OD .465 through 10-3 OD .500 FE 14-2 OD .480 through 10-3 OD .585 AL 0.475 through 0.600 MCI 0.468 through 0.610 ALMCI For 12/2 through 10/3 Oval NMSE Cable	14/2, 10/3	14/2, 10/3	FEFMC
567BX	•	•	•								

AC = Armored Cable MCI = Metal/Clad Interlocked FE RWFMC = Steel Reduced/Wall Flexible Metallic Conduit  
FE = Steel AL = Aluminum FEFMC = Steel Flexible Metallic Conduit

## Adapters

### Applications:

- PVC Fittings are installed in PVC conduit systems and provide the ability to:
- Connect or make bends in two lengths of PVC conduit
- Terminate PVC conduit into a box or enclosure
- Provide openings for making splices and taps in PVC conduit systems
- Schedule 40 and 80: Female Adapters, Male Adapters, Couplings, Pull Elbows, Meter Offsets, Reducers, End Bells, Caps, Service Entrance Heads, Straps, FS and FD Boxes, Conduit Outlet Bodies
- Schedule 40 only: Standard Radius Elbows, Special Radius Elbows

### Certifications and Compliances:

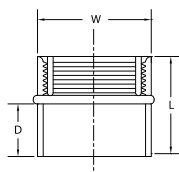
- UL Listed
- CSA Listed - See product for specific details regarding CSA listing (there are a few exceptions)
- UL Flame Rated to UL 94V-0

PVC Fittings

## FEMALE ADAPTERS



FA50NM

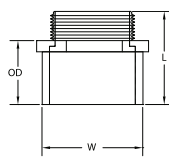


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	W	L	D
FA50NM	1/2"	200	200	3	1"	1 7/16"	1 1/16"
FA75NM	3/4"	125	125	4	1 1/4"	1 5/8"	1 1/16"
FA100NM	1"	70	70	8	1 9/16"	1 - 7/8"	7/8"
FA125NM	1 1/4"	40	40	11	2"	1 15/16"	15/16"
FA150NM	1 1/2"	30	30	14	2 1/4"	2 1/8"	15/16"
FA200NM	2"	40	40	17	2 11/16"	2 1/8"	15/16"
FA250NM	2 1/2"	20	20	35	3 5/16"	3"	1 3/16"
FA300NM	3"	40	40	52	4"	3 3/16"	1 1/4"
FA350NM	3 1/2"	30	30	59	4 1/2"	3"	1 3/16"
FA400NM	4"	20	20	74	5"	3 3/4"	1 3/8"
FA500NM	5"	10	10	120	6 1/8"	3 11/16"	1 5/16"
FA600NM	6"	8	8	178	7 1/4"	4 3/8"	1 5/8"

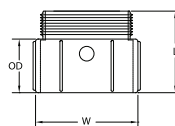
## MALE ADAPTERS



MA50NM



1/2" thru 1 1/2"



2" and larger

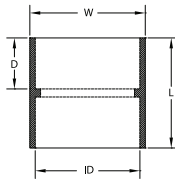


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	W	L	D
MA50NM	1/2"	200	200	3	1 1/16"	1 11/16"	1 1/8"
MA75NM	3/4"	125	125	5	1 1/4"	1 3/4"	1 3/16"
MA100NM	1"	70	70	7	1 5/8"	2 3/16"	1 1/2"
MA125NM	1 1/4"	40	40	10	2"	2 1/8"	1 9/16"
MA150NM	1 1/2"	30	30	13	2"	2 1/16"	1 5/16"
MA200NM	2"	40	40	15	2 11/16"	2 3/16"	1 3/8"
MA250NM	2 1/2"	20	20	34	3 5/16"	2 7/8"	2"
MA300NM	3"	40	40	45	3 15/16"	3"	2 3/16"
MA350NM	3 1/2"	30	30	60	4 1/2"	3 3/16"	2 9/16"
MA400NM	4"	20	20	75	5"	3 7/16"	2 9/16"
MA500NM	5"	10	10	160	6 1/4"	4 3/4"	3"
MA600NM	6"	8	8	163	7 5/16"	4 15/16"	2 11/16"

### COUPLINGS



CP50NM

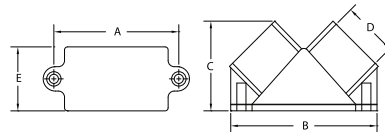


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	W	L	ID	D
CP50NM	1/2"	200	200	3	1 1/16"	1 1/2"	7/8"	5/8"
CP75NM	3/4"	125	125	4	1 5/16"	1 9/16"	1 1/16"	5/8"
CP100NM	1"	70	70	8	1 3/8"	2"	1 5/16"	1"
CP125NM	1 1/4"	40	40	12	2"	2 1/8"	1 11/16"	1"
CP150NM	1 1/2"	30	30	14	2 1/4"	2 3/8"	1 15/16"	1 1/8"
CP200NM	2"	40	40	19	2 11/16"	2 7/16"	2 3/8"	1 1/4"
CP250NM	2 1/2"	20	20	38	3 1/4"	3 1/2"	2 7/8"	1 3/4"
CP300NM	3"	40	40	61	4"	3 7/8"	3 1/2"	1 3/16"
CP350NM	3 1/2"	30	30	71	4 1/8"	4"	4"	1 5/16"
CP400NM	4"	20	20	87	5"	4 3/16"	4 1/2"	2"
CP500NM	5"	10	10	150	5 5/8"	5 5/8"	5 5/8"	2 1/2"
CP600NM	6"	8	8	228	7 1/4"	6 3/8"	6 5/8"	3"

### PULL ELBOWS



PE50

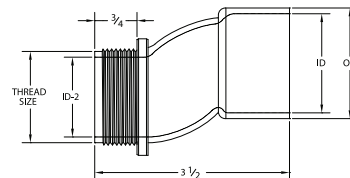


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
PE50	1/2"	75	75	9	2 1/8"	2 5/8"	1 1/2"	7/8"	1 1/8"
PE75	3/4"	50	50	12	2 1/2"	3"	1 5/8"	1 1/16"	1 5/16"

### METER OFFSETS



303PVC



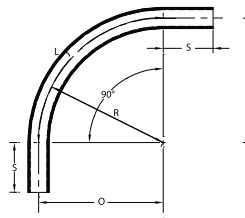
Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Thread Size	ID	ID-2	OD
303PVC	1 1/4"	15	15	19	1 1/4"	1 5/8"	1 3/8"	2"
305PVC	2"	8	8	28	2"	2 3/8"	2"	2 3/16"

## Elbows

### 90 DEGREE ELBOW



EL5090STDNM

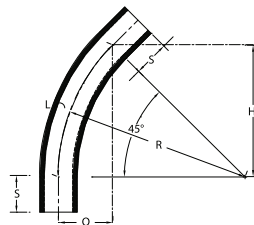


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	R	O	H	S MIN	L
EL5090STDNM	1/2"	50	50	16	4"	4"	4"	1 1/2"	6 1/4"
EL7590STDNM	3/4"	35	35	26	4 1/2"	4 1/2"	4 1/2"	1 1/2"	7 1/8"
EL10090STDNM	1"	20	20	45	5 3/4"	5 3/4"	5 3/4"	1 7/8"	9"
EL12590STDNM	1 1/4"	30	30	68	7 1/4"	7 1/2"	7 1/4"	2"	11 3/8"
EL15090STDNM	1 1/2"	30	30	97	8 1/4"	8 3/4"	8 1/4"	2"	13"
EL20090STDNM	2"	15	15	143	9 1/2"	9 1/2"	9 1/2"	2"	15"
EL25090STDNM	2 1/2"	18	18	239	10 1/2"	10 1/2"	10 1/2"	3"	16 1/2"
EL30090STDNM	3"	14	14	393	13"	13"	13"	3 3/8"	20 3/8"
EL35090STDNM	3 1/2"	12	12	500	15"	15"	15"	3 1/4"	23 1/2"
EL40090STDNM	4"	10	10	740	16"	16"	16"	3 3/8"	25 1/8"
EL50090STDNM	5"	30	30	1876	24"	24"	24"	3 5/8"	37 5/8"
EL60090STDNM	6"	25	25	1256	30"	30"	30"	3 3/4"	47 1/8"

### 45 DEGREE ELBOW



EL5045STDNM



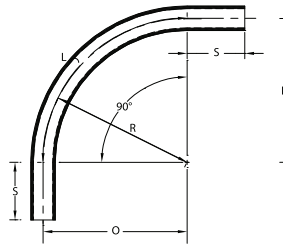
Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	R	O	H	S MIN	L
EL5045STDNM	1/2"	50	50	10	4"	1 3/16"	2 7/8"	1 1/2"	3 3/8"
EL7545STDNM	3/4"	25	25	18	4 1/2"	1 5/16"	3 3/16"	1 1/2"	3 1/2"
EL10045STDNM	1"	20	20	28	5 3/4"	1 11/16"	4"	1 7/8"	4 1/2"
EL12545STDNM	1 1/4"	25	25	44	7 1/4"	2 1/8"	5 5/8"	2"	5 11/16"
EL15045STDNM	1 1/2"	20	20	49	8 1/4"	2 3/8"	5 7/8"	2"	6 1/2"
EL20045STDNM	2"	10	10	98	9 1/2"	2 13/16"	6 3/4"	2"	7 1/2"
EL25045STDNM	2 1/2"	20	20	161	10 1/2"	2 9/16"	7 3/8"	3"	8 1/4"
EL30045STDNM	3"	8	8	248	13"	3 13/16"	9 3/16"	3 1/8"	10 1/4"
EL35045STDNM	3 1/2"	5	5	340	15"	4 3/8"	10 5/8"	3 1/4"	11 7/8"
EL40045STDNM	4"	20	20	445	16"	4 11/16"	11 1/8"	3 3/8"	12 5/8"
EL50045STDNM	5"	30	30	688	24"	7"	17"	3 5/8"	18 3/8"
EL60045STDNM	6"	25	25	1040	30"	8 13/16"	21 1/4"	3 3/4"	23 3/8"

## Elbows and Reducers

### SPECIAL RADIUS ELBOWS



EL29024NM



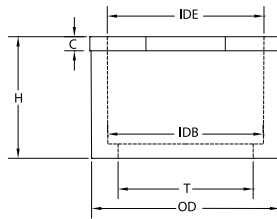
PVC Fittings

Cat. #	Trade Size	Description	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	R	O	H	S MIN	L
EL29024NM	2"	24" R	1	1	263	24"	24"	24"	1½"	37¾"
EL29036NM	2"	36" R	1	1	381	36"	36"	36"	2"	56½"
EL29048NM	2"	48" R	1	1	500	48"	48"	48"	2"	75⅝"
EL39024NM	3"	24" R	1	1	599	24"	24"	24"	3⅛"	37¾"
EL39036NM	3"	36" R	1	1	881	36"	36"	36"	3⅛"	56½"
EL39048NM	3"	48" R	1	1	1115	48"	48"	48"	3⅛"	75⅝"
EL49024NM	4"	24" R	1	1	892	24"	24"	24"	3⅝"	37¾"
EL49036NM	4"	36" R	1	1	1260	36"	36"	36"	3⅝"	56½"
EL49048NM	4"	48" R	1	1	1628	48"	48"	48"	3⅝"	75⅝"
EL59036NM	5"	36" R	1	1	1760	36"	36"	36"	3⅝"	56½"
EL59048NM	5"	48" R	1	1	2260	48"	48"	48"	3⅝"	75⅝"
EL69036NM	6"	36" R	1	1	2354	36"	36"	36"	3¾"	56½"
EL69048NM	6"	48" R	1	1	2865	48"	48"	48"	3¾"	75⅝"

### REDUCERS



RED7550



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	H	C	T	OD	IDE	IDB
RED7550	¾" x ½"	100	100	3	1.00"	0.12"	0.63"	1.05"	0.85"	0.84"
RED10075	1" x ¾"	100	100	4	1.18"	0.12"	0.83"	1.32"	1.06"	1.05"
RED125100	1¼" x 1"	50	50	8	1.42"	0.14"	1.06"	1.66"	1.33"	1.31"
RED150125	1½" x 1¼"	50	50	6	1.37"	0.18"	1.39"	1.90"	1.68"	1.66"
RED200150	2" x 1½"	25	25	20	1.60"	0.25"	1.62"	2.38"	1.92"	1.89"
RED250200	2½" x 2"	25	25	28	1.90"	0.25"	2.08"	2.88"	2.39"	2.37"
RED300250	3" x 2½"	25	25	40	2.25"	0.25"	2.48"	3.50"	2.89"	2.87"
RED400300	4" x 3"	20	20	90	2.60"	0.37"	3.08"	4.50"	3.52"	3.49"
RED400350	4" x 3½"	20	20	45	2.60"	0.40"	3.60"	4.50"	4.02"	3.99"

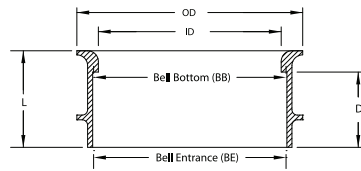


## Bells and Caps

### END BELLS



EB50NM

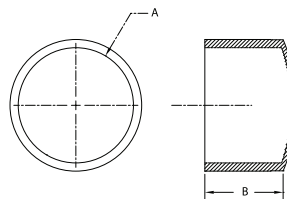


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	L	D	BB	BE	ID	OD
EB50NM	1/2"	100	100	17	1.00"	0.75"	0.836 ± .004	0.852 ± .004	0.63"	1.25"
EB75NM	3/4"	100	100	17	1.00"	0.75"	1.046 ± .004	1.065 ± .004	0.88"	1.50"
EB100NM	1"	50	50	17	1.25"	1.00"	1.310 ± .005	1.330 ± .005	1.06"	1.75"
EB125NM	1 1/4"	50	50	35	1.31"	1.00"	1.655 ± .005	1.677 ± .005	1.38"	2.13"
EB150NM	1 1/2"	50	50	35	1.56"	1.25"	1.894 ± .006	1.918 ± .006	1.63"	2.50"
EB200NM	2"	40	40	35	1.56"	1.38"	2.369 ± .006	2.393 ± .006	2.06"	2.81"
EB250NM	2 1/2"	30	30	60	1.88"	1.50"	2.868 ± .007	2.890 ± .007	2.50"	3.38"
EB300NM	3"	50	50	155	2.06"	1.63"	3.492 ± .008	3.515 ± .008	3.00"	4.13"
EB350NM	3 1/2"	50	50	207	2.25"	1.81"	3.992 ± .008	4.015 ± .008	3.50"	4.63"
EB400NM	4"	50	50	207	2.38"	1.81"	4.491 ± .009	4.515 ± .009	4.00"	5.13"
EB500NM	5"	25	25	207	2.44"	1.81"	5.553 ± .010	4.593 ± .010	5.06"	6.38"
EB600NM	6"	15	15	155	2.88"	2.19"	6.614 ± .011	6.658 ± .011	6.06"	7.38"

### CAPS

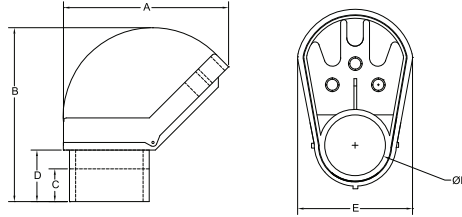


EC50NM



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B
EC50NM	1/2"	100	100	2	7/8"	7/8"
EC75NM	3/4"	100	100	4	1 1/16"	1 1/16"
EC100NM	1"	50	50	7	1 3/8"	1 1/4"
EC125NM	1 1/4"	25	25	8	1 11/16"	1 5/16"
EC150NM	1 1/2"	25	25	14	1 15/16"	1 9/16"
EC200NM	2"	50	50	15	2 3/8"	1 5/8"
EC250NM	2 1/2"	25	25	27	2 7/8"	2"
EC300NM	3"	25	25	51	3 9/16"	2 3/8"
EC350NM	3 1/2"	25	25	64	4"	2 5/16"
EC400NM	4"	25	25	74	4 1/2"	2 3/8"

### SERVICE ENTRANCE



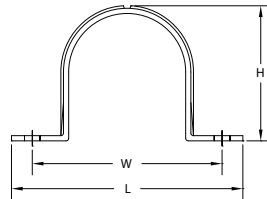
EH50NM



PVC Fittings

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	ØF
EH50NM	1/2"	10	10	7	2.88"	2.88"	0.75"	0.63"	2.19"	0.09"
EH75NM	3/4"	10	10	10	2.88"	2.88"	0.88"	0.44"	2.13"	1.06"
EH100NM	1"	20	20	10	3.31"	3.63"	1.00"	0.75"	2.38"	1.33"
EH125NM	1 1/4"	20	20	35	5.00"	5.00"	1.25"	1.38"	3.31"	1.67"
EH150NM	1 1/2"	20	20	95	6.50"	6.50"	1.75"	2.00"	4.25"	1.99"
EH200NM	2"	5	5	110	6.50"	6.50"	1.75"	2.00"	4.25"	2.38"
EH250NM	2 1/2"	5	5	380	15.00"	8.25"	1.88"	1.00"	8.25"	2.89"
EH300NM	3"	5	5	410	12.25"	9.38"	1.75"	1.00"	8.25"	3.52"
EH350NM	3 1/2"	5	5	433	12.50"	11.00"	2.00"	3.13"	8.00"	4.02"
EH400NM	4"	1	1	1375	16.00"	11.00"	2.75"	2.50"	10.25"	4.52"

### STRAPS



ST50PVC



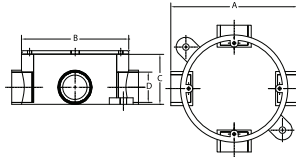
Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	W	L	H
ST50PVC	1/2"	300	300	1	2 <sup>3</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>16</sub> "	1"
ST75PVC	3/4"	200	200	1	2 <sup>1</sup> / <sub>2</sub> "	2"	1 <sup>1</sup> / <sub>4</sub> "
ST100PVC	1"	200	200	2	2 <sup>13</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>2</sub> "
ST125PVC	1 1/4"	200	200	3	3 <sup>1</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>2</sub> "	1 <sup>13</sup> / <sub>16</sub> "
ST150PVC	1 1/2"	200	200	3	3 <sup>3</sup> / <sub>8</sub> "	2 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>8</sub> "
ST200PVC	2"	200	200	4	4"	3 <sup>5</sup> / <sub>16</sub> "	2 <sup>9</sup> / <sub>16</sub> "
ST250PVC	2 1/2"	100	100	9	5 <sup>1</sup> / <sub>2</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3"
ST300PVC	3"	100	100	10	6"	5 <sup>1</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>16</sub> "
ST400PVC	4"	100	100	13	7"	6"	4 <sup>5</sup> / <sub>8</sub> "

## Junction and FD Boxes

### ROUND JUNCTION BOXES



R5075JBOX



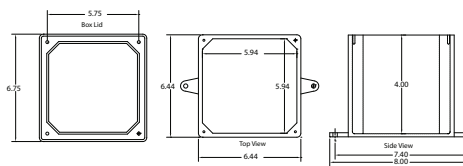
PVC Boxes

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D
R5075JBOX	1/2"	15	15	65	4 3/4"	4 1/16"	1 7/8"	1 1/16"

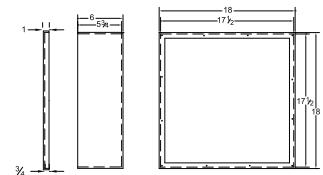
### JUNCTION BOXES



NM442JB



6 x 6 x 4



18 x 18 x 6

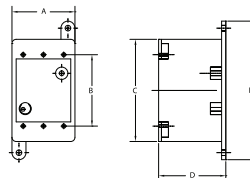


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
NM442JB	4x4x2	10	10	81
NM552JB	5x5x2	10	10	108
NM446JB	4x4x6	10	10	150
NM887JB	8x8x7	4	4	523
NM444JB	4x4x4	10	10	106
NM664JB	6x6x4	10	10	208
NM666JB	6x6x6	5	5	234
NM884JB	8x8x4	5	5	329
NM886JB	8x8x6	4	4	383
NM12124JB	12x12x4	2	2	747
NM12126JB	12x12x6	2	2	796
NM16146JB	16x14x6	1	1	1194
NM18186JB	18x18x6	1	1	1546
NM24188JB	24x18x8	1	1	2000
NM241812JB	24x18x12	1	1	2200
NM24248JB	24x24x8	1	1	2450
NM36248JB	36x24x8	1	1	4500

### TYPE FD - BLANK



FDBLANK



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
FDBLANK	-	10	10	58	2.81"	3.31"	4.56"	3.00"	6.38"

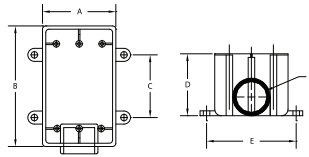
## One and Two Gang Device Boxes

PVC Boxes

### TYPE FSE - ONE GANG



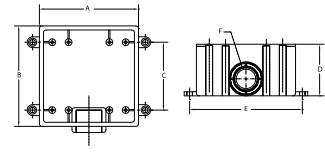
FSE50



### TYPE FSE - TWO GANG



FSE502

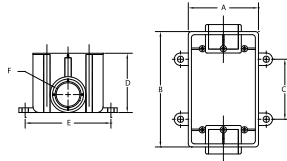


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
<b>ONE GANG</b>										
FSE50	1/2"	10	10	46	2 <sup>7</sup> / <sub>8</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSE75	3/4"	10	10	46	2 <sup>7</sup> / <sub>8</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSE100	1"	10	10	44	2 <sup>7</sup> / <sub>8</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>16</sub> "
<b>TWO GANG</b>										
FSE502	1/2"	5	5	58	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSE752	3/4"	5	5	58	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSE1002	1"	5	5	58	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>5</sup> / <sub>16</sub> "

### TYPE FSC - ONE GANG



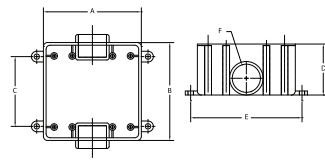
FSC50



### TYPE FSC - TWO GANG



FSC502

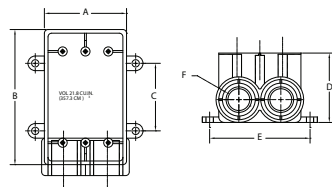


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
<b>ONE GANG</b>										
FSC50	1/2"	10	10	42	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>2</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSC75	3/4"	10	10	42	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSC100	1"	10	10	42	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>2</sub> "	1 <sup>5</sup> / <sub>16</sub> "
<b>TWO GANG</b>										
FSC502	1/2"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSC752	3/4"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSC1002	1"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>5</sup> / <sub>16</sub> "

### TYPE FSS - ONE GANG



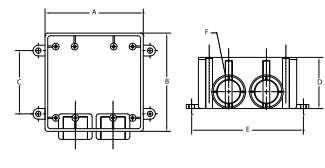
FSS50



### TYPE FSS - TWO GANG



FSS502



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
<b>ONE GANG</b>										
FSS50	1/2"	10	10	52	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSS75	3/4"	10	10	52	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSS100	1"	10	10	52	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	1 <sup>5</sup> / <sub>16</sub> "
<b>TWO GANG</b>										
FSS502	1/2"	5	5	72	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	7 <sup>8</sup> / <sub>16</sub> "
FSS752	3/4"	5	5	72	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSS1002	1"	5	5	72	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>5</sup> / <sub>16</sub> "

# PVC Junction and Device Boxes

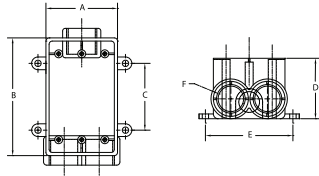


## One and Two Gang Device Boxes

### TYPE FSCC - ONE GANG



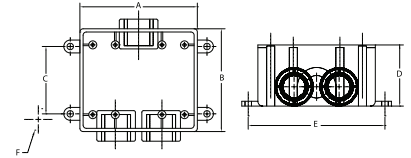
FSCC50



### TYPE FSCC - TWO GANG



FSCC502



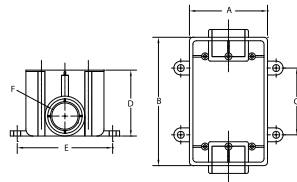
PVC Boxes

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
<b>ONE GANG</b>										
FSCC50	1/2"	10	10	54	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	7/ <sub>8</sub> "
FSCC75	3/4"	10	10	54	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSCC100	1"	10	10	54	2 <sup>13</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>16</sub> "	1 <sup>5</sup> / <sub>16</sub> "
<b>TWO GANG</b>										
FSCC502	1/2"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	7/ <sub>8</sub> "
FSCC752	3/4"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>1</sup> / <sub>16</sub> "
FSCC1002	1"	5	5	76	4 <sup>9</sup> / <sub>16</sub> "	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	1 <sup>5</sup> / <sub>16</sub> "

### TYPE FDC - ONE GANG



FDC50

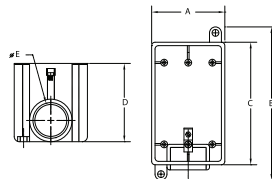


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
FDC50	1/2"	10	10	64	2.81"	4.56"	2.63"	2.94"	3.50"	0.88"
FDC75	3/4"	10	10	64	2.81"	4.56"	2.63"	2.94"	3.50"	1.06"
FDC100	1"	10	10	64	2.81"	4.56"	2.63"	2.94"	3.50"	1.31"

### TYPE FDE - ONE GANG



FDE50

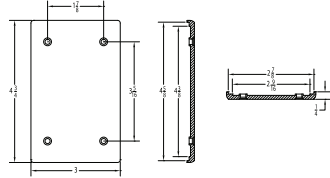


Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
FDE50	1/2"	10	10	60	2.69"	5.88"	4.50"	2.88"	0.88"
FDE75	3/4"	10	10	60	2.69"	5.88"	4.50"	2.88"	1.06"
FDE100	1"	10	10	54	2.69"	5.88"	4.50"	2.88"	1.31"

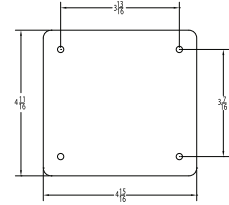
### BLANK COVERS



FSBLANK

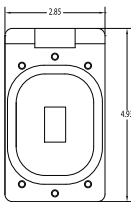


FSBLANK2

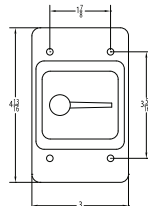


Cat. #	Description	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
FSBLANK	ONE GANG	50	50	11	1 <sup>7</sup> / <sub>8</sub> "	4 <sup>3</sup> / <sub>4</sub> "	3 <sup>5</sup> / <sub>16</sub> "	3"	2 <sup>7</sup> / <sub>8</sub> "	2 <sup>9</sup> / <sub>16</sub> "
FSBLANK2	TWO GANG	25	25	22	3 <sup>1</sup> / <sub>4</sub> "	4 <sup>7</sup> / <sub>8</sub> "	4 <sup>7</sup> / <sub>8</sub> "	1 <sup>1</sup> / <sub>4</sub> "		

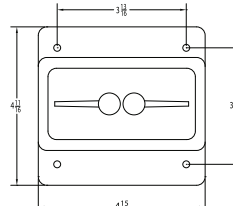
### SWITCH COVERS



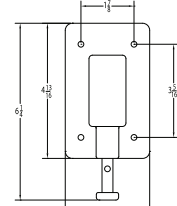
TP7214PVC



TP7280PVC



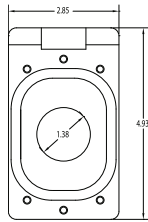
TP7268PVC



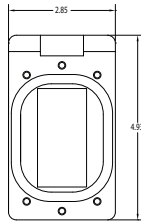
Cat. #	Description	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
TP7214PVC	SWITCH COVER FOR FS BOXES	10	10	32
TP7280PVC	SINGLE TOGGLE SWITCH COVER	10	10	28
TP7268PVC	DOUBLE TOGGLE SWITCH COVER	10	10	36
TP7230PVC	PLUNGER SWITCH	10	10	25

## Receptacle Covers

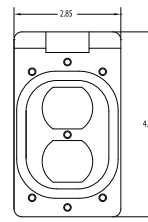
### RECEPTACLE COVERS



TP7218PVC15



TP7240PVC

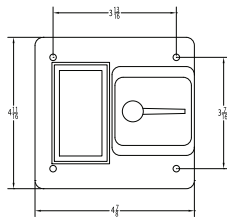


TP7288PVC

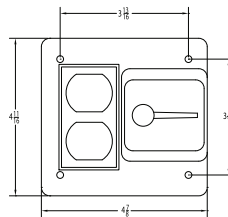


Cat. #	Description	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
TP7218PVC15	SINGLE RECEPTACLE COVER 15A	10	10	32
TP7218PVC20	SINGLE RECEPTACLE COVER 20A	10	10	34
TP7218PVC30	SINGLE RECEPTACLE COVER 30A	10	10	32
TP7218PVC50	SINGLE RECEPTACLE COVER 50A	10	10	34
TP7240PVC	GFCI COVER FOR FS BOX	10	10	32
TP7288PVC	DUPLEX COVER RECEPTACLE	10	10	32

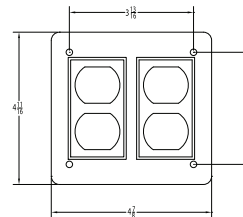
### RECEPTACLE AND SWITCH COVERS



TP7224PVC



TP7229PVC



TP7228PVC



Cat. #	Description	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
TP7224PVC	GFI & TOGGLE SWITCH COVER	10	10	34
TP7228PVC	DOUBLE DUPLEX COVER 2-GANG	10	10	79
TP7229PVC	DUPLEX AND TOGGLE SWITCH COVER	10	10	32



# PVC Conduit Bodies

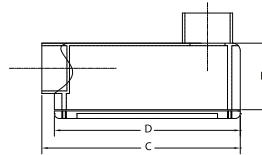
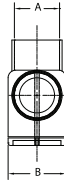


## Conduit Bodies

### TYPE LB



LB50NM

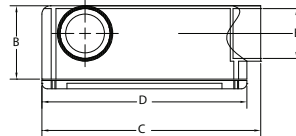
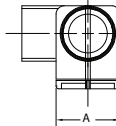


Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
LB50NM	1/2"	4.3	25	25	21	7/8"	1 5/16"	4 3/16"	4"	1 7/16"
LB75NM	3/4"	6.5	15	15	28	1 1/16"	1 1/2"	4 15/16"	4 5/8"	1 5/8"
LB100NM	1"	11.8	10	10	36	1 3/16"	1 3/4"	5 7/8"	5 3/8"	2"
LB125NM	1 1/4"	25	10	10	76	1 11/16"	2 1/2"	7 9/16"	7 7/16"	2 3/8"
LB150NM	1 1/2"	36.5	10	10	96	1 7/8"	5 5/8"	8 9/16"	8"	2 3/4"
LB200NM	2"	63.5	5	5	164	2 3/8"	3 1/8"	9 13/16"	9 9/16"	3 3/8"
LB250NM	2 1/2"	198	5	5	460	2 7/8"	4 5/8"	15"	12 7/8"	4 9/16"
LB300NM	3"	198	5	5	484	3 9/14"	4 5/8"	15 1/16"	12 7/8"	4 9/16"
LB350NM	3 1/2"	305	4	4	667	4"	5 5/8"	16 3/16"	12 7/8"	5 1/2"
LB400NM	4"	305	4	4	630	4"	5 5/8"	16 3/16"	12 7/8"	5 1/2"

### TYPE LL



LL50NM



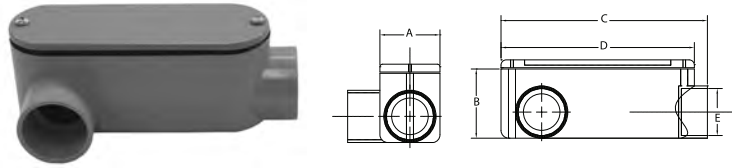
Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
LL50NM	1/2"	4.3	25	25	21	1.31"	1.44"	4.25"	4.00"	0.88"
LL75NM	3/4"	6.5	15	15	28	1.50"	1.63"	4.94"	4.63"	1.06"
LL100NM	1"	11.8	10	10	40	1.75"	2.00"	6.00"	5.38"	1.31"
LL125NM	1 1/4"	25	10	10	82	2.44"	2.44"	7.63"	7.19"	1.63"
LL150NM	1 1/2"	36.5	10	10	102	2.63"	2.81"	8.56"	8.00"	1.94"
LL200NM	2"	63.5	5	5	164	3.06"	3.44"	9.88"	9.58"	2.38"
LL250NM	2 1/2"	198	5	5	484	4.63"	4.63"	14.94"	12.75"	2.88"
LL300NM	3"	198	5	5	532	4.63"	4.63"	15.00"	12.81"	3.50"
LL350NM	3 1/2"	305	4	4	800	4.63"	5.50"	16.19"	12.81"	4.00"
LL400NM	4"	305	4	4	665	5.63"	5.50"	15.94"	12.81"	4.50"

# PVC Conduit Bodies

## Conduit Bodies



### TYPE LR

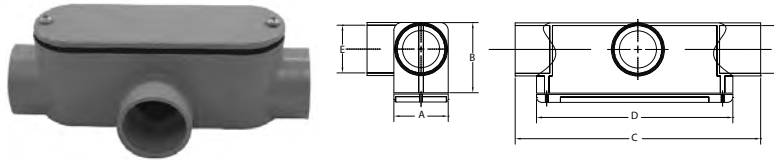


LR50NM



Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
LR50NM	1/2"	4.3	25	25	22	1.31"	1.44"	4.25"	4.00"	0.88"
LR75NM	3/4"	6.5	15	15	29	1.50"	1.63"	4.94"	4.63"	1.06"
LR100NM	1"	11.8	10	10	42	1.75"	2.00"	6.00"	5.38"	1.31"
LR125NM	1 1/4"	25	10	10	80	2.44"	2.44"	7.63"	7.19"	1.63"
LR150NM	1 1/2"	36.5	10	10	100	2.63"	2.81"	8.56"	8.00"	1.94"
LR200NM	2"	63.5	5	5	160	3.06"	3.44"	9.88"	9.58"	2.38"
LR250NM	2 1/2"	198	5	5	384	4.63"	4.63"	14.94"	12.75"	2.88"
LR300NM	3"	198	5	5	560	4.63"	4.63"	15.00"	12.81"	3.50"
LR350NM	3 1/2"	305	4	4	713	4.63"	5.50"	16.19"	12.81"	4.00"
LR400NM	4"	305	4	4	775	5.63"	5.50"	15.94"	12.81"	4.50"

### TYPE T



T50NM



Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
T50NM	1/2"	4.3	25	25	19	1 5/16"	1 1/2"	4 5/8"	4"	7/8"
T75NM	3/4"	6.5	15	15	26	1 1/2"	1 11/16"	5 3/8"	4 5/8"	1 1/16"
T100NM	1"	11.8	10	10	37	1 3/4"	2"	6 9/16"	5 3/8"	1 5/16"
T125NM	1 1/4"	25	10	10	71	2 1/2"	2 1/2"	8 3/16"	7 3/16"	1 11/16"
T150NM	1 1/2"	36.5	10	10	93	2 5/8"	2 3/16"	9 1/4"	8"	1 15/16"
T200NM	2"	63.5	5	5	156	3 1/8"	3 3/8"	10 3/8"	9 1/2"	2 3/8"
T250NM	2 1/2"	198	2	2	494	4 5/8"	4 5/8"	19"	12 7/8"	3 1/2"
T300NM	3"	198	2	2	452	4 5/8"	4 5/8"	19"	12 7/8"	3 1/2"
T350NM	3 1/2"	305	1	1	883	5 9/16"	5 9/16"	20 3/8"	13 3/4"	4"
T400NM	4"	305	1	1	898	5 9/16"	5 9/16"	20 3/8"	13 3/4"	4 1/2"

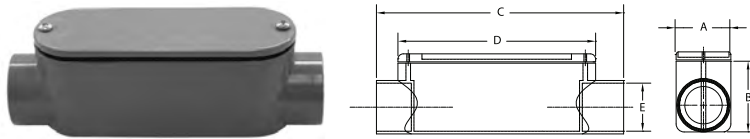
PVC Conduit Bodies

# PVC Conduit Bodies



## Conduit Bodies

### TYPE C



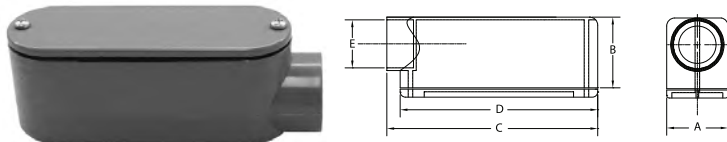
C50NM



PVC Conduit Bodies

Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
C50NM	1/2"	4.3	25	25	20	1 5/16"	1 1/2"	4 5/8"	4	7/8"
C75NM	3/4"	6.5	15	15	28	1 1/2"	1 11/16"	5 3/8"	4 5/8"	1 1/16"
C100NM	1"	11.8	10	10	38	1 3/4"	2"	6 9/16"	5 3/8"	1 5/16"
C125NM	1 1/4"	25	10	10	76	2 1/2"	2 1/2"	8 7/16"	7 3/16"	1 11/16"
C150NM	1 1/2"	36.5	10	10	96	2 5/8"	2 13/16"	9 1/4"	8	1 15/16"
C200NM	2"	63.5	5	5	164	3 1/8"	3 3/8"	10 3/8"	9 1/2"	2 3/8"
C250NM	2 1/2"	198	5	5	435	4 5/8"	4 5/8"	19	12 7/8"	2 7/8"
C300NM	3"	198	5	5	532	4 5/8"	4 5/8"	19	12 7/8"	3 1/2"
C350NM	3 1/2"	305	4	4	605	5 9/16"	5 9/16"	20 3/8"	13 7/8"	4
C400NM	4"	305	4	4	580	5 9/16"	5 9/16"	20 3/8"	13 7/8"	4 1/2"

### TYPE E



E50NM



Cat. #	Trade Size	Internal Vol. In. Cu. In.	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
E50NM	1/2"	4.3	25	25	21	1 5/16"	1 7/16"	4 1/4"	4	7/8"
E75NM	3/4"	6.5	15	15	28	1 1/2"	1 5/8"	4 15/16"	4 5/8"	1 1/16"
E100NM	1"	11.8	10	10	38	1 3/4"	2"	6	5 3/8"	1 5/16"
E125NM	1 1/4"	25	10	10	80	2 7/16"	2 7/16"	7 5/8"	7 3/16"	1 5/8"
E150NM	1 1/2"	36.5	10	10	92	2 5/8"	2 13/16"	8 9/16"	8	1 15/16"
E200NM	2"	63.5	5	5	156	3 1/16"	3 1/16"	9 7/8"	9 1/2"	2 3/8"
E250NM	2 1/2"	198	5	5	468	4 5/8"	4 5/8"	15	12 13/16"	2 1/2"
E300NM	3"	198	5	5	324	4 5/8"	4 5/8"	15	12 13/16"	3 1/2"
E350NM	3 1/2"	305	4	4	555	5 5/8"	5 1/2"	16 7/16"	12 13/16"	4
E400NM	4"	305	4	4	480	5 5/8"	5 1/2"	16 7/16"	12 13/16"	4 1/2"

# Condulet® Conduit Outlet Bodies, Covers and Gaskets - Stainless Steel



**Cooper Crouse-Hinds Condulet® stainless steel fittings deliver power where you need it, saving you time and money throughout the life of your facility.**

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel Condulet bodies and boxes a long-term solution for even the most extreme environments.

## Applications:

Conduit outlet bodies are installed in conduit systems to:

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

## Features:

- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement of fittings - this will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Conduit hubs have tapered threads and feature integral bushing for protection of wire insulation
- Outlet bodies designed to match conduit size for neat, compact installations

## Certifications and Compliances:

- UL Standard 514A
- CSA Standard C22.2 No. 18.1-04
- Raintight - when installed with cover and gasket

## Standard Materials:

- Bodies - 316 stainless steel
- Covers - 316 stainless steel
- Cover Screws - 316 stainless steel
- Gasket - neoprene



## Dimension

A	Overall length
B	Overall height
C	Overall width
D	Width of opening
E	Length of opening

## Ordering Information - conduit body supplied with cover and gasket

### T Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
T18SS	1/2"	5.56	1.75	1.31	1.02	3.15
T28SS	3/4"	6.61	2.00	1.63	1.27	3.92
T38SS	1"	7.53	2.31	1.78	1.42	4.61
T58SS	1 1/2"	9.37	2.75	2.47	2.03	6.12
T68SS	2"	11.50	3.38	3.13	2.50	8.00

### LB Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
LB18SS	1/2"	4.86	1.35	1.31	1.02	3.15
LB28SS	3/4"	5.75	1.63	1.63	1.27	3.94
LB38SS	1"	6.48	2.00	1.78	1.42	4.55
LB58SS	1 1/2"	8.38	2.75	2.47	2.03	6.13
LB68SS	2"	10.50	3.38	3.13	2.50	8.00

### TB Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
TB28SS	3/4"	6.61	2.88	1.63	1.27	3.95
TB38SS	1"	7.53	3.23	1.78	1.42	4.61
TB58SS	1 1/2"	9.37	3.75	2.47	2.03	6.12
TB68SS	2"	11.50	4.38	3.13	2.50	8.00

### C Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
C18SS	1/2"	5.56	1.38	1.31	1.02	3.15
C28SS	3/4"	6.56	1.63	1.63	1.27	3.94
C38SS	1"	7.50	2.00	1.78	1.42	4.61

### LL Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
LL28SS	3/4"	5.72	1.63	1.63	1.27	3.95
LL38SS	1"	6.59	2.00	1.78	1.42	4.61

### LR Conduit Body, Cover and Gasket



Catalog Number	Trade Size	A	B	C	D	E
LR28SS	3/4"	5.72	1.63	1.63	1.27	3.95
LR38SS	1"	6.59	2.00	1.78	1.42	4.61

# Condulet® Stainless Steel Conduit Device Boxes, Covers and Gaskets



Cooper Crouse-Hinds Condulet® Stainless Steel Device Boxes deliver power where you need it, saving you time and money throughout the life of your facility.

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel Condulet bodies and boxes a long-term solution for even the most extreme environments.

## Applications:

Cast device boxes are installed in conduit systems to:

- Accommodate wiring devices
- Act as pull boxes for conductors in a conduit system
- Provide openings to make splices and taps in conductors
- Provide access to conductors for maintenance and future system changes
- Connect conduit systems

## Features:

- Self-healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement of fittings - this will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Internal green grounding screw - standard
- Tapered threads for protection of wire insulation
- Wide selection of covers available
- Single or double conduit entry
- Ample wiring room provided for easy installations

## Certifications and Compliances:

- UL Standard 514A
- CSA Standard C22.2 No. 18.1-04
- Raintight - when installed with cover and gasket

## Standard Materials:

- Bodies - 316 stainless steel
- Covers - 316 stainless steel
- Cover Screws - 316 stainless steel
- Gasket - neoprene



# Condulet® Stainless Steel Conduit Device Boxes, Covers and Gaskets



Conduit Bodies

## Dimension

- A Length of box
- B Overall length (including hubs)
- C Width of box
- D Overall width (including hubs)
- E Height of box
- F Overall height (including hubs)

## Ordering Information

### FDC Device Body



Catalog Number	Trade Size	A	B	C	D	E	F
FDC2SS	¾"	4.63	6.19	2.94	2.94	3.03	3.03

### FDS Device Body



Catalog Number	Trade Size	A	B	C	D	E	F
FDS2SS	¾"	4.63	5.41	2.94	2.94	3.03	3.03

### FDA Device Body



Catalog Number	Trade Size	A	B	C	D	E	F
FDA2SS	¾"	4.63	4.63	2.94	2.94	3.03	3.80

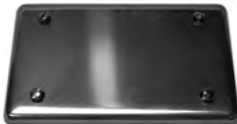
### FDX Device Body



Catalog Number	Trade Size	A	B	C	D	E	F
FDX2SS	¾"	4.63	6.19	2.94	4.50	3.03	3.03

## Ordering Information - Device Box Cover and Gasket

### Blank Cover



Catalog Number  
DS7000BC

### Blank Formed Cover



Catalog Number  
DS7000BF

### Switch Formed Cover



Catalog Number  
DS7000SF

### Receptacle Formed Cover



Catalog Number  
DS7000RF

## Locknuts & Bushings

Stainless Steel Fittings



**Coope Crouse-Hinds Stainless Steel fittings deliver unbeatable corrosion protection where you need it, saving you time and money throughout the life of your facility.**

Superior resistance to corrosion and heat, combined with unmatched strength, make stainless steel fittings a long term solution for even the most extreme environments.

### Features:

- Self healing properties of stainless steel fittings help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Stainless steel fittings retain their strength in extreme heat and extreme cold conditions
- Fitting surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where washdowns are common
- Superior strength and durability greatly reduce replacement of fittings. This will lower your total cost of ownership and increase your return on investment
- Stainless steel fittings do not require harsh environment-damaging cleaners to keep them looking like new
- Stainless Steel fittings are ideal for industrial MRO and OEM applications in food and beverage, pharmaceutical, petrochemical, waste water, salt water, and other corrosive environments.

### Standard Materials:

- Fittings - 316 stainless steel
- Conduit, nipples, couplings and elbows - 316 stainless steel, 304 stainless steel
- Conduit hangers - 316 stainless steel, 301 stainless steel

## LOCKNUTS



11SS

### Features:

- 316 Stainless Steel Locknuts can be used with conduit or NPS threaded pipe.
- Precision-machined threads allow for easy installation.
- Heavy stock thickness and specially designed tabs tighten securely and will not easily loosen even in the most severe applications.

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Threads Per Inch
11SS	1/2"	1000	1000	2	14
12SS	3/4"	500	500	3	14
13SS	1"	500	500	5	11 1/2
15SS	1 1/2"	100	100	10	11 1/2
16SST	2"	100	100	21	11 1/2

## HEX HEAD REDUCING BUSHINGS



RBSS21

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Hex Nut Size
RBSS21	3/4 - 1/2	100	100	15	0.95	1.20
RBSS31	1 - 1/2	100	100	21	1.07	1.40
RBSS32	1 - 3/4	100	100	17	1.07	1.40
RBSS51	1 1/2 - 1/2	50	50	70	1.50	2.05
RBSS52	1 1/2 - 3/4	50	50	68	1.50	2.05
RBSS53	1 1/2 - 1	50	50	61	1.50	2.05
RBSS61	2 - 1/2	25	25	81	1.30	2.42
RBSS62	2 - 3/4	25	25	81	1.42	2.50
RBSS63	2 - 1	25	25	81	1.32	2.43
RBSS65	2 - 1 1/2	25	25	68	1.42	2.50



## Plugs, Clamps and U-Bolts

### HEX HEAD PLUGS



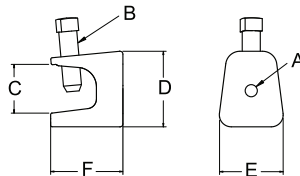
PLG50SS

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Hex Nut Size
PLG50SS	1/2"	100	100	11	1	0.93
PLG75SS	3/4"	100	100	16	1.03	1.17
PLG100SS	1"	100	100	25	1.16	1.51
PLG150SS	1 - 1/2"	50	50	58	1.62	2.1
PLG200SS	2"	50	50	100	1.56	2.6

### BEAM CLAMPS



531SS



#### Features:

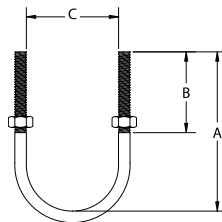
- This heavy-duty "electrician's" style beam clamp is cast in stainless for superior strength and corrosion resistance.
- Designed for use on I-beams, channels, and other structural members, this beam clamp provides firm fixturing without drilling holes.
- Attachment holes in the back and bottom permit a wide variety of applications.

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F
531SST	1 5/16"	50	50	25	1/4" - 20	5/16" - 18	7/8"	1 3/8"	1"	1 5/16"
533SST	2"	25	25	80	3/8" - 16	1/2" - 13	1 3/16"	1 7/8"	1 7/8"	2"
534SST	2 1/4"	25	25	148	1/2" - 13	5/8" - 11	1 3/16"	2 3/16"	2 1/8"	2 1/4"

### U-BOLTS



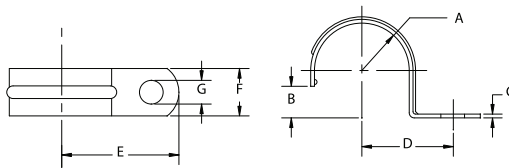
UBM50SS



Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	Size & Pitch	Load Rtg (Lbs)
UBM50SS	1/2"	100	100	13	2.41"	1.50"	0.94"	5/16" - 18	950
UBM75SS	3/4"	100	100	14	2.73"	1.50"	1.15"	5/16" - 18	950
UBM100SS	1"	100	100	15	3.04"	1.50"	1.41"	5/16" - 18	950
UBM125SS	1 1/4"	50	50	16	3.16"	1.50"	1.76"	5/16" - 18	950
UBM150SS	1 1/2"	50	50	18	3.48"	1.50"	2.00"	5/16" - 18	950
UBM200SS	2"	50	50	30	4.30"	1.75"	2.49"	3/8" - 16	1250
UBM250SS	2 1/2"	50	50	34	4.80"	1.75"	2.99"	3/8" - 16	1250
UBM300SS	3"	50	50	38	5.36"	1.75"	3.61"	3/8" - 16	1250
UBM350SS	3 1/2"	50	50	40	5.80"	1.75"	4.11"	3/8" - 16	1250
UBM400SS	4"	50	50	45	6.50"	1.75"	4.61"	3/8" - 16	1250

## Straps

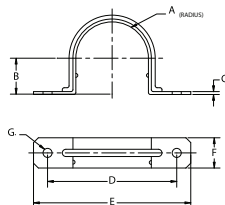
### ONE HOLE STRAPS



410SS

Cat. #	Trade Size	Unit Qty.	Std Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F	G
410SS	1/2"	400	400	4	0.420"	0.390"	0.075"	0.937"	1.375"	0.625"	0.250"
411SS	3/4"	200	200	5	0.525"	0.500"	0.090"	1.031"	1.562"	0.750"	0.250"
412SS	1"	100	100	7	0.655"	0.620"	0.090"	1.125"	1.812"	0.875"	0.312"
413SS	1 1/4"	50	50	10	0.830"	0.800"	0.100"	1.500"	2.000"	0.875"	0.375"
414SS	1 1/2"	50	50	14	0.950"	0.920"	0.125"	1.875"	2.500"	1.000"	0.437"
415SS	2"	25	25	20	1.185"	1.150"	0.125"	2.125"	2.750"	1.125"	0.562"
206SS	2 1/2"	25	25	42	1.437"	1.400"	0.150"	2.562"	3.312"	1.250"	0.562"
207SS	3"	10	10	51	1.750"	1.700"	0.150"	2.875"	3.625"	1.250"	0.562"
208SS	3 1/2"	10	10	70	2.000"	1.950"	0.180"	3.250"	4.000"	1.250"	0.562"
209SS	4"	10	10	78	2.250"	2.200"	0.180"	3.500"	4.250"	1.250"	0.562"

### TWO HOLE STRAPS



496 2SS

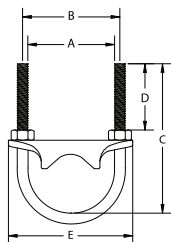
Cat. #	Trade Size	Unit Qty.	Std Pkg.	Wt. Lbs. Per 100	A	B	C	D	E	F	G
496 2SS	3/8"	400	400	2	0.35"	0.32"	.024-.030"	1.56"	2"	0.5"	0.188"
496 3SS	1/2"	200	200	2	0.42"	0.39"	.024-.030"	1.78"	2.25"	0.56"	0.188"
496 4SS	3/4"	200	200	3	0.52"	0.5"	.024-.030"	2.18"	2.62"	0.62"	0.188"
496 5SS	1"	100	100	4	0.65"	0.62"	.033-.038"	2.53"	3.2"	0.75"	0.25"
496 6SS	1 1/4"	50	50	6	0.83"	0.8"	.033-.038"	3.16"	4"	0.87"	0.25"
496 7SS	1 1/2"	50	50	9	0.95"	0.92"	.043-.050"	3.37"	4.2"	0.93"	0.25"
496 8SS	2"	50	50	12	1.18"	1.15"	.043-.050"	4.25"	5.12"	1"	0.375"
496 9SS	2 1/2"	25	25	16	1.43"	1.4"	.053-.060"	4.95"	5.87"	1"	0.375"
496 10SS	3"	25	25	20	1.75"	1.7"	.053-.060"	5.5"	6.5"	1"	0.375"
496 11SS	3 1/2"	25	25	29	2.00"	1.95"	.068-.075"	6.18"	7.12"	1"	0.437"
496 12SS	4"	25	25	32	2.25"	2.2"	.068-.075"	6.81"	7.75"	1"	0.437"

## Clamps

### RIGHT ANGLE CLAMPS



RAC50SS



#### Features:

- Designed to fit pipe/rigid conduit as well as PVC-coated rigid conduit, right angle clamps firmly fix pipe to the flange of a structural member without drilling holes.
- Cast in CF8M(316) with 316SS U-bolt and nuts, these clamps are designed for both strength and corrosion resistance.

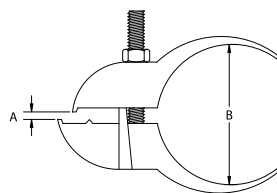
Stainless Steel Fittings

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
RAC50SS	1/2"	50	50	34	0.94"	1.25"	2.41"	1.5"	2.0"
RAC75SS	3/4"	50	50	36	1.15"	1.46"	2.73"	1.5"	2.13"
RAC100SS	1"	50	50	44	1.41"	1.72"	3.04"	1.5"	2.63"
RAC125SS	1 1/4"	25	25	51	1.76"	2.07"	3.16"	1.5"	2.88"
RAC150SS	1 1/2"	25	25	61	2.00"	2.31"	3.48"	1.5"	3.37"
RAC200SS	2"	25	25	97	2.49"	2.87"	4.3"	1.75"	4.62"
RAC250SS	2 1/2"	25	25	125	2.99"	3.37"	4.8"	1.75"	4.62"
RAC300SS	3"	10	10	148	3.61"	3.99"	5.36"	1.75"	5.27"
RAC350SS	3 1/2"	10	10	163	4.11"	4.49"	5.8"	1.75"	5.75"
RAC400SS	4"	10	10	178	4.61"	4.99"	6.5"	1.75"	6.25"

### PARALLEL CLAMPS



PARC75SS



#### Features:

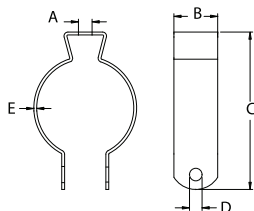
- Parallel Clamps are used to run pipe or conduit along the flange of I-beams or channels simply and easily without drilling holes.
- The 100% stainless (CF8M & 316SS) design offers superb corrosion resistance and strength.
- These clamps will fit both rigid conduit and PVC-Coated rigid conduit and are available in 3/4" and 1" trade sizes.

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	Overall Width
PARC75SS	3/4"	50	50	58	2.89"	1.38"	1.1
PARC100SS	1"	50	50	60	3.12"	1.38"	1.1

### CONDUIT HANGERS



OBSS316



#### Stainless Steel 316

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	A	B	C	D	E
0BSS316	1/2"	100	100	7	0.255"	0.75"	1.90"	0.275"	0.050"
1BSS316	3/4"	100	100	9	0.255"	0.875"	2.10"	0.275"	0.050"
2BSS316	1"	100	100	10	0.255"	0.875"	2.40"	0.275"	0.060"
3BSS316	1 1/4"	50	50	11	0.255"	0.875"	2.80"	0.275"	0.060"
4BSS316	1 1/2"	50	50	18	0.320"	1.00"	3.25"	0.275"	0.060"
5BSS316	2"	25	25	26	0.320"	1.25"	3.75"	0.275"	0.060"

#### With Bolt



#### Stainless Steel 301

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
0BSS	3/8 and 1/2 RGD 1/2 EMT hanger with bolt	100	6
1BSS	3/4 RGD 3/4 EMT hanger with bolt	100	7
2BSS	1 RGD 1 EMT hanger with bolt	100	11
2 1/2 BSS	1 1/4 EMT hanger with bolt	100	10
3BSS	1 1/4 RGD 1 1/2 EMT hanger with bolt	100	13
4BSS	1 1/2 RGD hanger with bolt	100	16
5BSS	2 RGD 2 EMT hanger with bolt	50	17
6BSS	2 1/2 RGD 2 1/2 EMT hanger with bolt	50	32
7BSS	3 RGD 3 EMT hanger with bolt	25	39
8BSS	3 1/2 RGD 3 1/2 EMT hanger with bolt	10	41
9BSS	4 RGD 4 EMT hanger with bolt	10	44

## Elbows

### CONDUIT



RCOND50 304SS



### Features:

- Stainless Steel threaded conduit polished to a bright finish to further increase corrosion resistance and provide enhanced aesthetic appearance.
- Provided in 10' lengths with coupling attached and color coded thread protector for the opposite end.
- Custom sizes are also available

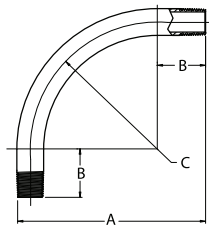
Stainless Steel Fittings

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Threads	ID	OD	Wall Thickness	Length without Coupling	Est. Weight per Foot
RCOND50 304SS	1/2"	1	1	85	14	0.622"	0.84"	0.104"	9' 11 1/4"	0.85
RCOND75 304SS	3/4"	1	1	113	14	0.824"	1.05"	0.107"	9' 11 1/4"	1.13
RCOND100 304SS	1"	1	1	168	11 1/2"	1.049"	1.31"	0.126"	9' 11"	1.68
RCOND150 304SS	1 1/2"	1	1	272	11 1/2"	1.610"	1.90"	0.138"	9' 11"	2.72
RCOND200 304SS	2"	1	1	365	11 1/2"	2.067"	2.37"	0.146"	9' 11"	3.65
RCOND250 304SS	2 1/2"	1	1	5500	8	2.469"	2.87"	0.193"	9' 10 1/2"	*
RCOND300 304SS	3"	1	1	7200	8	3.068"	3.5"	0.205"	9' 10 1/2"	*
RCOND400 304SS	4"	1	1	10000	8	4.026"	4.5"	0.225"	9' 10 3/4"	*
RCOND50 316SS	1/2"	1	1	85	14	0.622"	0.84"	0.104"	9' 11 1/4"	0.85
RCOND75 316SS	3/4"	1	1	113	14	0.824"	1.05"	0.107"	9' 11 1/4"	1.13
RCOND100 316SS	1"	1	1	168	11 1/2"	1.049"	1.31"	0.126"	9' 11"	1.68
RCOND150 316SS	1 1/2"	1	1	272	11 1/2"	1.610"	1.90"	0.138"	9' 11"	2.72
RCOND200 316SS	2"	1	1	365	11 1/2"	2.067"	2.37"	0.146"	9' 11"	3.65
RCOND250 316SS	2 1/2"	1	1	5500	8	2.469"	2.87"	0.193"	9-10-1/2"	*
RCOND300 316SS	3"	1	1	7200	8	3.068"	3.5"	0.205"	9-10-1/2"	*
RCOND400 316SS	4"	1	1	10000	8	4.026"	4.5"	0.225"	9-10-3/4"	*

### STANDARD RADIUS ELBOWS



RLB50 304SS



### Features:

- Designed for use with stainless threaded rigid conduit.
- These stainless steel elbows are polished to a bright finish for increased corrosion resistance and improved appearance.

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Radius "C"	Offset "A"	Straight End "B"
RLB5090 304SS	1/2"	1	1	76	4"	6.5"	2.12"
RLB7590 304SS	3/4"	1	1	109	4.5"	7.25"	2.75"
RLB10090 304SS	1"	1	1	188	5.75"	8.63"	2.88"
RLB15090 304SS	1 1/2"	1	1	422	8.25"	11.63"	3.38"
RLB20090 304SS	2"	1	1	611	9.5"	13.31"	3.81"
RLB5090 316SS	1/2"	1	1	76	4"	6.5"	2.12"
RLB7590 316SS	3/4"	1	1	109	4.5"	7.25"	2.75"
RLB10090 316SS	1"	1	1	188	5.75"	8.63"	2.88"
RLB15090 316SS	1 1/2"	1	1	422	8.25"	11.63"	3.38"
RLB20090 316SS	2"	1	1	611	9.5"	13.31"	3.81"

## Nipples

### CONDUIT NIPPLES



NPL50200 304SS



### Features:

- Designed for use with stainless threaded rigid conduit.
- These nipples are polished to a bright finish for increased corrosion resistance and improved appearance.

Stainless Steel Fittings

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
NPL50CL 304SS	1/2" x CLOSE	1	1	5
NPL50200 304SS	1/2" x 2"	1	1	12
NPL50250 304SS	1/2" x 2 1/2"L	1	1	14
NPL50300 304SS	1/2" x 3"L	1	1	18
NPL50350 304SS	1/2" x 3 1/2"L	1	1	21
NPL50400 304SS	1/2" x 4"L	1	1	24
NPL50500 304SS	1/2" x 5"L	1	1	31
NPL50600 304SS	1/2" x 6"L	1	1	38
NPL50800 304SS	1/2" x 8"L	1	1	51
NPL501000 304SS	1/2" x 10"L	1	1	66
NPL501200 304SS	1/2" x 12"L	1	1	79
NPL50CL 316SS	1/2" x CLOSE	1	1	5
NPL50200 316SS	1/2" x 2"	1	1	12
NPL50250 316SS	1/2" x 2 1/2"L	1	1	14
NPL50300 316SS	1/2" x 3"L	1	1	18
NPL50350 316SS	1/2" x 3 1/2"L	1	1	21
NPL50400 316SS	1/2" x 4"L	1	1	24
NPL50500 316SS	1/2" x 5"L	1	1	31
NPL50600 316SS	1/2" x 6"L	1	1	38
NPL50800 316SS	1/2" x 8"L	1	1	51
NPL501000 316SS	1/2" x 10"L	1	1	66
NPL501200 316SS	1/2" x 12"L	1	1	79
NPL75CL 304SS	3/4" x CLOSE	1	1	8
NPL75200 304SS	3/4" x 2"	1	1	14
NPL75250 304SS	3/4" x 2 1/2"L	1	1	19
NPL75300 304SS	3/4" x 3"L	1	1	23
NPL75350 304SS	3/4" x 3 1/2"L	1	1	27
NPL75400 304SS	3/4" x 4"L	1	1	30
NPL75500 304SS	3/4" x 5"L	1	1	41
NPL75600 304SS	3/4" x 6"L	1	1	50
NPL75800 304SS	3/4" x 8"L	1	1	68
NPL751000 304SS	3/4" x 10"L	1	1	83
NPL751200 304SS	3/4" x 12"L	1	1	103
NPL75CL 316SS	3/4" x CLOSE	1	1	8
NPL75200 316SS	3/4" x 2"	1	1	14
NPL75250 316SS	3/4" x 2 1/2"L	1	1	19
NPL75300 316SS	3/4" x 3"L	1	1	23
NPL75350 316SS	3/4" x 3 1/2"L	1	1	27
NPL75400 316SS	3/4" x 4"L	1	1	30
NPL75500 316SS	3/4" x 5"L	1	1	41
NPL75600 316SS	3/4" x 6"L	1	1	50
NPL75800 316SS	3/4" x 8"L	1	1	68
NPL751000 316SS	3/4" x 10"L	1	1	83
NPL751200 316SS	3/4" x 12"L	1	1	103
NPL100CL 304SS	1" x CLOSE	1	1	13
NPL100200 304SS	1" x 2"	1	1	23
NPL100250 304SS	1" x 2 1/2"L	1	1	26
NPL100300 304SS	1" x 3"L	1	1	31
NPL100350 304SS	1" x 3 1/2"L	1	1	41
NPL100400 304SS	1" x 4"L	1	1	51

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100
NPL100500 304SS	1" x 5"L	1	1	62
NPL100600 304SS	1" x 6"L	1	1	72
NPL100800 304SS	1" x 8"L	1	1	97
NPL1001000 304SS	1" x 10"L	1	1	135
NPL1001200 304SS	1" x 12"L	1	1	152
NPL100CL 316SS	1" x CLOSE	1	1	13
NPL100200 316SS	1" x 2"	1	1	23
NPL100250 316SS	1" x 2 1/2"L	1	1	26
NPL100300 316SS	1" x 3"L	1	1	31
NPL100350 316SS	1" x 3 1/2"L	1	1	41
NPL100400 316SS	1" x 4"L	1	1	51
NPL100500 316SS	1" x 5"L	1	1	62
NPL100600 316SS	1" x 6"L	1	1	72
NPL100800 316SS	1" x 8"L	1	1	97
NPL1001000 316SS	1" x 10"L	1	1	135
NPL1001200 316SS	1" x 12"L	1	1	152
NPL150200 304SS	1 1/2" x 2"	1	1	25
NPL150250 304SS	1 1/2" x 2 1/2"L	1	1	47
NPL150300 304SS	1 1/2" x 3"L	1	1	53
NPL150350 304SS	1 1/2" x 3 1/2"L	1	1	64
NPL150400 304SS	1 1/2" x 4"L	1	1	75
NPL150500 304SS	1 1/2" x 5"L	1	1	88
NPL150600 304SS	1 1/2" x 6"L	1	1	114
NPL150800 304SS	1 1/2" x 8"L	1	1	151
NPL1501000 304SS	1 1/2" x 10"L	1	1	176
NPL1501200 304SS	1 1/2" x 12"L	1	1	243
NPL150200 316SS	1 1/2" x 2"	1	1	25
NPL150250 316SS	1 1/2" x 2 1/2"L	1	1	47
NPL150300 316SS	1 1/2" x 3"L	1	1	53
NPL150350 316SS	1 1/2" x 3 1/2"L	1	1	64
NPL150400 316SS	1 1/2" x 4"L	1	1	75
NPL150500 316SS	1 1/2" x 5"L	1	1	88
NPL150600 316SS	1 1/2" x 6"L	1	1	114
NPL150800 316SS	1 1/2" x 8"L	1	1	151
NPL1501000 316SS	1 1/2" x 10"L	1	1	176
NPL1501200 316SS	1 1/2" x 12"L	1	1	243
NPL200200 304SS	2" x 2"	1	1	33
NPL200250 304SS	2" x 2 1/2" L	1	1	47
NPL200300 304SS	2" x 3" L	1	1	60
NPL200350 304SS	2" x 3 1/2" L	1	1	80
NPL200400 304SS	2" x 4" L	1	1	100
NPL200500 304SS	2" x 5" L	1	1	127
NPL200600 304SS	2" x 6" L	1	1	152
NPL200800 304SS	2" x 8" L	1	1	204
NPL2001000 304SS	2" x 10" L	1	1	254
NPL2001200 304SS	2" x 12" L	1	1	305
NPL200200 316SS	2" x 2"	1	1	33
NPL200250 316SS	2" x 2 1/2" L	1	1	47
NPL200300 316SS	2" x 3" L	1	1	60
NPL200350 316SS	2" x 3 1/2" L	1	1	80
NPL200400 316SS	2" x 4" L	1	1	100
NPL200500 316SS	2" x 5" L	1	1	127
NPL200600 316SS	2" x 6" L	1	1	152
NPL200800 316SS	2" x 8" L	1	1	204
NPL2001000 316SS	2" x 10" L	1	1	254
NPL2001200 316SS	2" x 12" L	1	1	305

## Couplings

### COUPLINGS



RC50 304SS

#### Features:

- Designed for use with stainless threaded rigid conduit.
- These stainless steel elbows are polished to a bright finish for increased corrosion resistance and improved appearance.

Stainless Steel Fittings

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Length	Outside Dia.
RC50 304SS	1/2"	1	1	18	1.625"	1.01"
RC75 304SS	3/4"	1	1	26	1.650"	1.25"
RC100 304SS	1"	1	1	28	2.000"	1.53"
RC150 304SS	1 1/2"	1	1	51	2.063"	2.16"
RC200 304SS	2"	1	1	69	2.125"	2.65"
RC250 304SS	2 1/2"	1	1	178	3.188"	3.25"
RC300 304SS	3"	1	1	229	3.313"	3.87"
RC400 304SS	4"	1	1	313	3.516"	4.88"
RC50 316SS	1/2"	1	1	18	1.625"	1.01"
RC75 316SS	3/4"	1	1	26	1.650"	1.25"
RC100 316SS	1"	1	1	28	2.000"	1.53"
RC150 316SS	1 1/2"	1	1	51	2.063"	2.16"
RC200 316SS	2"	1	1	69	2.125"	2.65"
RC250 316SS	2 1/2"	1	1	178	3.188"	3.25"
RC300 316SS	3"	1	1	229	3.313"	3.87"
RC400 316SS	4"	1	1	313	3.516"	4.88"

### 3-PIECE COUPLINGS



191SS

#### Features:

- Designed to join and connect threaded ends of rigid conduit where neither length of conduit can be turned.
- These Stainless Steel Three piece couplings are polished to a bright finish for increased corrosion resistance and improved appearance.

Cat. #	Trade Size	Unit Qty.	Std. Pkg.	Wt. Lbs. Per 100	Overall Length	Major Nut Dia.	Major Body Dia.
191SS	3/4"	50	50	33	1.51"	1.51"	1.31"
192SS	1"	50	50	33	1.51"	1.66"	1.66"

# Switch & Outlet Boxes – Technical Data



Outlet Boxes

Article 314 of the National Electrical Code® (NEC®) covers the installation and use of boxes. The article includes table references that guide the electrician in the selection of the proper size box necessary to safely accommodate electrical service requirements. The box capacity table is reproduced in part from NEC as a quick reference and guide. The NEC should be consulted for complete details.

Cooper Crouse-Hinds products are produced in accordance with the requirements of UL-514-A, UL-514-B, UL-514-C and are classified for fire resistance according to the standard, Fire Tests of Building Construction and Materials, ANSI/UL 263, ASTM E 119 and NFPA 251. This listing is based on products when used in a fire rated (2 HR) wall or ceiling. Cooper Crouse-Hinds steel boxes are listed with U.L. File #E23156 and Cooper Crouse-Hinds nonmetallic boxes are listed with U.L. File #E102328 and U.L. (2 HR. fire rated) File #R9933.

Cooper Crouse-Hinds switch and outlet boxes comply with the requirements of NEMA standard OS-1, NFPA 70-370 and Federal Spec. #W-J-800E.

Under File #E23156, Cooper Crouse-Hinds concentric and "Moon" KO style boxes, the following is stated "Suitable for bonding without any additional bonding means around concentric (or Eccentric) knockouts where used in circuits above or below 250V."

Wall thickness on all Steel boxes is 0.0625"

**Table 314.16(A) Metal Boxes**

Box Dimension, Inches	Min. Cu. In.	Maximum Number of Conductors (arranged by AWG size)						
		No. 18	No. 16	No. 14	No. 12	No. 10	No. 8	No. 6
<b>Trade Size or Type</b>	<b>Cap.</b>							
4 x 1¼ Round or Octagonal	12.5	8	7	6	5	5	4	2
4 x 1½ Round or Octagonal	15.5	10	8	7	6	6	5	3
4 x 2⅝ Round or Octagonal	21.5	14	12	10	9	8	7	4
4 x 1¼ Square	18.0	12	10	9	8	7	6	3
4 x 1½ Square	21.0	14	12	10	9	8	7	4
4 x 2⅝ Square	30.3	20	17	15	13	12	10	6
4 <sup>11</sup> / <sub>16</sub> x 1¼ Square	25.5	17	14	12	11	10	8	5
4 <sup>11</sup> / <sub>16</sub> x 2½ Square	29.5	19	16	14	13	11	9	5
4 <sup>11</sup> / <sub>16</sub> x 2⅝ Square	42.0	28	24	21	18	16	14	8
3 x 2 x 1½ Device	7.5	5	4	3	3	3	2	1
3 x 2 x 2 Device	10.0	6	5	5	4	4	3	2
3 x 2 x 2¼ Device	10.5	7	6	5	4	4	3	2
3 x 2 x 2½ Device	12.5	8	7	6	5	5	4	2
3 x 2 x 2¾ Device	14.0	9	8	7	6	5	4	2
3 x 2 x 3½ Device	18.0	12	10	9	8	7	6	3
4 x 2⅝ x 1½ Device	10.3	6	5	5	4	4	3	2
4 x 2⅝ x 1⅞ Device	13.0	8	7	6	5	5	4	2
4 x 2⅝ x 2⅝ Device	14.5	9	8	7	6	5	4	2
3¾ x 2 x 2½ Masonry Box/Gang	14.0	9	8	7	6	5	4	2
3¾ x 2 x 3½ Masonry Box/Gang	21.0	14	12	10	9	8	7	4
FS-Minimum Internal Depth 1¾ Single Cover Gang	13.5	9	7	6	6	5	4	2
FD-Minimum Internal Depth 2⅝ Single Cover Gang	18.0	12	10	9	8	7	6	3
FS-Minimum Internal Depth 1¾ Single Cover Gang	18.0	12	10	9	8	7	6	3
FD-Minimum Internal Depth 2⅝ Multiple Cover Gang	24.0	16	13	12	10	9	8	4

**Table 314.16(B) Volume Required per Conductor**

Size of Conductor	Free Space Within Box for Each Conductor
No. 18	1.5 cubic inches
No. 16	1.75 cubic inches
No. 14	2 cubic inches
No. 12	2.25 cubic inches
No. 10	2.5 cubic inches
No. 8	3 cubic inches
No. 6	5 cubic inches

For SI units: one cubic inch = 16.4 cm³.

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## COOPER CROUSE-HINDS OUTLET BOXES & COVERS

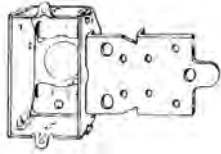
Cooper Crouse-Hinds has assembled one of the most complete outlet box products lines in the business. We've been leading in quality and selection for decades and throughout the Cooper Crouse-Hinds Steel Outlet Box offering, you will find innovative products and solutions that save labor, cut material costs and increase productivity.

We have a complete offering of:

- 4" and 4<sup>1</sup>/<sub>16</sub>" square drawn and welded boxes
- 4" square and 4<sup>1</sup>/<sub>16</sub>", switch, masonry, utility, outlet, ceiling, fan and gangable boxes
- Drawn boxes available with concentric knockouts, combining 1/2" and 3/4" knockout
- Complete line of covers, partitions, extension rings and accessories
- Uni-Mount™ Covers
- PRE-formance™ products
- Pre-assembled boxes which includes Uni-Mount cover attached to 4" square box
- Pre-fabricated boxes which includes Uni-Mount cover attached to 4" square box with ground screw and lead installed
- Fire alarm boxes and covers



## BRACKETS USED ON COOPER CROUSE-HINDS BOXES



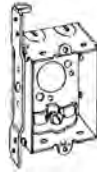
**"F" BRACKET**

Mounts on face of stud. See catalog number for set back. For wood studs.



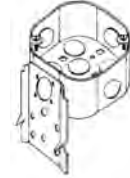
**"D" BRACKET**

Side mount bracket with set up hook & guide tabs for automatic positioning. Standard bracket set back is 5/8". For wood and metal studs.



**"S" BRACKET**

Side mount brackets with set up hook for wood or metal studs. Standard bracket set back is 5/8".



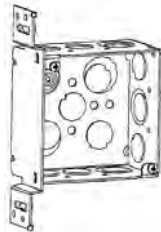
**"C" BRACKET**

Ceiling box bracket for wood studs.



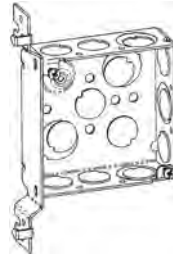
**"VS" BRACKET**

Plain flat mounted bracket for use on wood or metal studs. No set back.



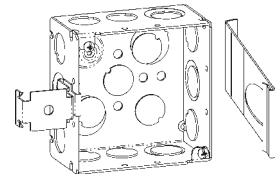
**"VMS" BRACKET**

Side bracket for use with wood or metal studs. Provides set up tabs to position on face of stud.



**"VP" BRACKET**

Side bracket with set up hooks for wood studs.

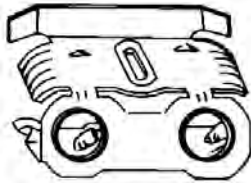


**"SSB" BRACKET**

Positions box on either side of a steel stud.

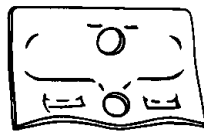
## CLAMPS USED ON COOPER CROUSE-HINDS BOXES

Cat. # TP900

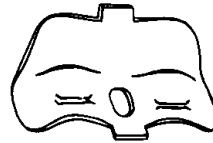


MC-BX

FOR ARMORED & METAL CLAD (MCI) CABLE

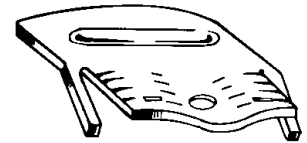


NM-1



NM-2

FOR NONMETALLIC CABLE

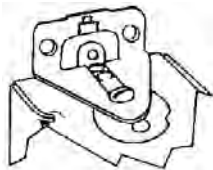


NM-4

Outlet Boxes

## MOUNTING EARS

Cat. # TP901



ONE SCREW EAR

Cat. # TP902



TWO SCREW EAR

Mounting ears are available on many of our switch boxes. They are set forward in 1/8" the "old way" position. Two-screw ears are generally used on shallow boxes and one-screw ears on deep boxes.

## COOPER CROUSE-HINDS BOX ENTRY DETAILS



1/2" Conduit KO



3/4" Conduit KO



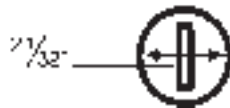
1" Conduit KO



Concentric 1/2" and 3/4" KO



Eccentric 1/2" and 3/4" KO



Cable Pry-outs always in pairs.

## Knockouts and Pry-outs

Cooper Crouse-Hinds conduit KOs have standard trade size dimensions. KOs are uniform and true for attachment of cable or conduit connectors. Pry-outs for cable entrance are slotted – a twist with screwdriver removes them. KOs and Pry-outs are precision stamped to permit easy removal, but remain sufficiently strong and sturdy when not removed.

Cooper Crouse-Hinds 4" sq. drawn boxes feature a 1/2" and 3/4" "inverted" concentric KO – easily removed. Our 4" sq. welded feature our 1/2" eccentric KO which also features easy removability of both the 1/2" and 3/4" KOs.

Note: These KOs are suitable for bonding without bonding jumpers around concentric (or eccentric) knockouts where used in circuits above or below 250V.

## 4" SQUARE OUTLET BOXES AND COVERS

Outlet Boxes



### Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Available with pre-installed ground screws and pigtails for increased labor savings
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in two depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs

### Applications:

- For use with conduit
- Can be ceiling mounted to be used as a junction box or to mount lighting fixtures
- Available in red for fire alarm applications

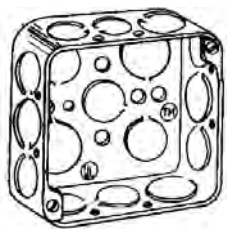
### Certifications and Compliances:

- UL Listed

## 4" SQUARE OUTLET BOXES – 18.0 CUBIC INCH CAPACITY

1 1/4" DEEP – FOR CONDUIT

UL LISTED



TP408

### KNOCKOUTS

Cat. #	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP408	—	Drawn	12 – 1/2"	5 – 1/2"	50	61

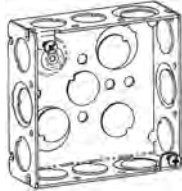
# Steel Square Boxes



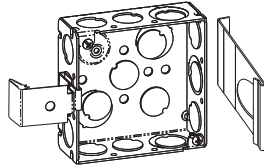
## 4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY (WELDED)† 21.0 CUBIC INCH CAPACITY (DRAWN)

1½" DEEP – FOR CONDUIT

UL LISTED



TP404/TP404PF



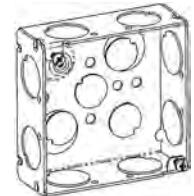
TP404SSB



TP404RED



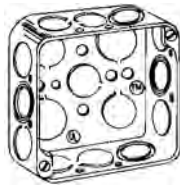
TP425



TP467



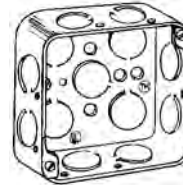
TP469



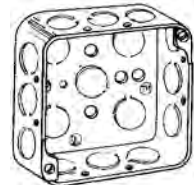
TP830\*



TP405



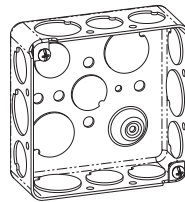
TP412  
TP839\*



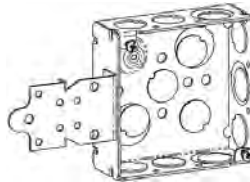
TP410



TP414RED



TP414



TP418



TP423RED



TP423

### KNOCKOUTS

Cat. #	Metal Stud Sizes	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP404**	—	—	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404RED	—	—	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404PF†**	—	—	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	72
TP404SSB	—	SSB	Welded	8 - ½", 4 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	50	83
TP425**	—	"VP"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	82
TP423**	All	"VMS"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	81
TP423RED	All	"VMS"	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	81
TP405	—	—	Drawn	4 - ½", 6 - ½" & ¾" C	3 - ½", 2 - ¾"	50	67
TP410	—	—	Drawn	12 - ½"	5 - ½"	50	67
TP412	—	—	Drawn	8 - ¾"	3 - ½", 2 - ¾"	50	67
TP414	—	—	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	67
TP414RED	—	—	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	67
TP418	—	"F", Set Flush	Welded	6 - ½", 3 - ½" + ¾" E	2 - ½", 2 - ½" + ¾" E	25	84
TP467	—	—	Welded	8 - ¾"	2 - ½", 2 - ½" + ¾" E	50	72
TP469	ALL	"VMS"	Welded	6 - ¾"	2 - ½", 2 - ½" + ¾" E	25	81
<b>Air Plenum</b>							
TP830*	—	—	Drawn	8 - ½", 4 - ¾"	3 - ½", 2 - ¾"	50	72
TP839*	—	—	Drawn	8 - ¾" C	3 - ½", 2 - ¾"	50	72

\*For Air Plenum (No Mounting Holes) - Not UL Listed

\*\*cUL Listed

† All welded 4" square outlet boxes have a raised dimple for ground screw

‡ TP404PF includes ground screw with pigtail lead

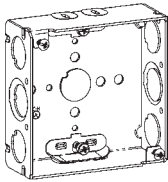
Steel Boxes

## 4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

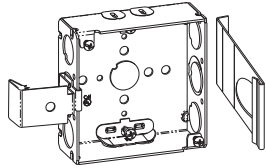
1½" DEEP  
FOR NONMETALLIC CABLE – CLAMPS IN EACH END

UL LISTED

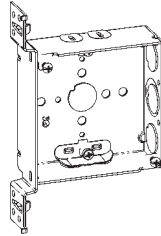
Steel Boxes



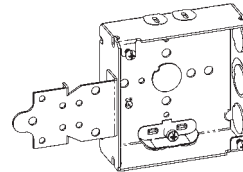
TP444



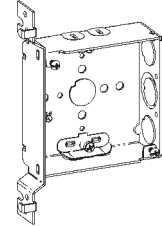
TP444SSB



TP449



TP446



TP445

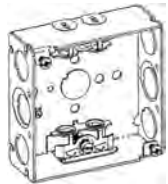
### KNOCKOUTS

Cat. #	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP444	—	Welded	4 – Cable, 4 – ½", 2 – ½" & ¾" E	1 – ½"	50	77
TP444SSB	SSB	Welded	4 – Cable, 4 – ½", 2 – ½" & ¾" E	1 – ½"	50	88
TP446	"F", Set Flush	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	88
TP445	"VP"	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	85
TP449	"VMS"	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	85

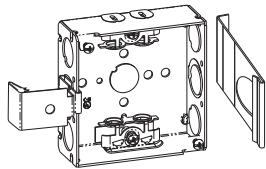
## 4" SQUARE OUTLET BOXES – 22.0 CUBIC INCH CAPACITY

1½" DEEP  
FOR ARMORED & METAL CLAD (MCI) CABLE – CLAMPS IN EACH END

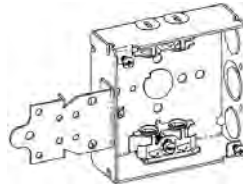
UL LISTED



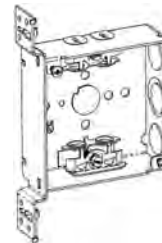
TP454



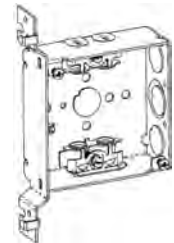
TP454SSB



TP456



TP459



TP461

### KNOCKOUTS

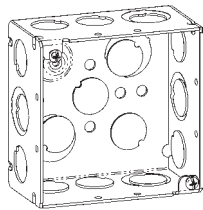
Cat. #	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP459	"VMS"	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	89
TP454*	—	Welded	4 – Cable, 4 – ½", 2 – ½" & ¾" E	1 – ½"	50	81
TP454PF†	—	Welded	4 – Cable, 4 – ½", 2 – ½" & ¾" E	1 – ½"	50	81
TP454SSB*	SSB	Welded	4 – Cable, 4 – ½", 2 – ½" & ¾" E	1 – ½"	25	82
TP456*	"F", Set Flush	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	92
TP456PF†	"F", Set Flush	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	92
TP461*	"VP"	Welded	4 – Cable, 2 – ½", 1 – ½" & ¾" E	1 – ½"	25	89

†TP catalog numbers ending in PF includes ground screw with pigtail lead

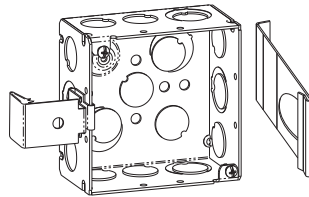
## 4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP WITH CONDUIT KOs

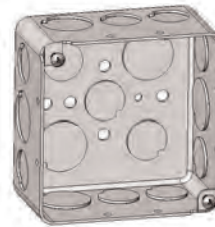
UL LISTED



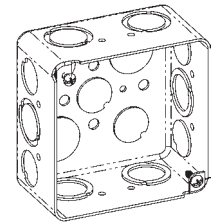
TP403/TP403PF



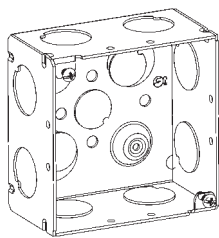
TP403SSB



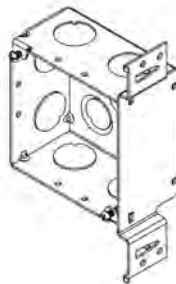
TP434



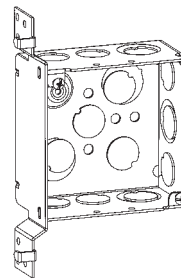
TP438  
TP831\*



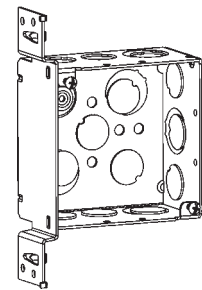
TP432



TP432VMS



TP437



TP451



TP403RED



TP434RED



TP451RED

### KNOCKOUTS

Cat. #	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP403**	—	Welded	8 - 1/2", 4 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	84
TP403RED	—	Welded	8 - 1/2", 4 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	84
TP403PF†**	—	Welded	8 - 1/2", 4 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	84
TP403SSB	SSB	Welded	8 - 1/2", 4 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	95
TP432**	—	Welded	8 - 3/4"	2 - 1/2", 2 - 1/2" & 3/4" E	25	84
TP432VMS	"VMS"	Welded	6 - 3/4"	2 - 1/2", 2 - 1/2" & 3/4" E	25	99
TP436	—	Welded	8 - 1"	2 - 1/2", 2 - 1/2" & 3/4" E	25	84
TP434	—	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP434RED	—	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84
TP438	—	Drawn	4 - 1/2", 6 - 1/2" & 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP438PF†	—	Drawn	4 - 1/2", 6 - 1/2" & 3/4" C	3 - 1/2", 2 - 3/4"	25	84
TP451	"VMS"	Welded	6 - 1/2", 3 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	96
TP451PF†	"VMS"	Welded	6 - 1/2", 3 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	96
TP451RED	"VMS"	Welded	6 - 1/2", 3 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	96
TP437	"VP"	Welded	6 - 1/2", 3 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2" & 3/4" E	25	98

### Air Plenum

TP831*	—	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	90
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\*For Air Plenum (No Mounting Holes) - Not UL Listed

†TP catalog numbers ending in PF includes ground screw with pigtail lead

\*\*cUL Listed

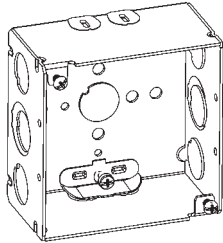


## 4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY 2 1/8" DEEP

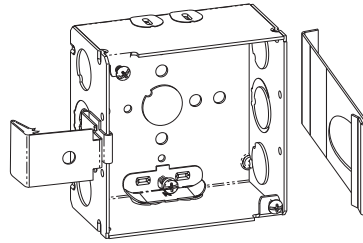
FOR NONMETALLIC CABLE – CLAMPS IN EACH END

UL LISTED

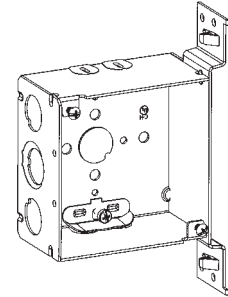
Steel Boxes



TP450



TP450SSB



TP452

### KNOCKOUTS

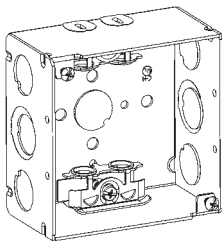
Cat. #	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP450	—	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	90
TP450SSB	SSB	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	101
TP452	"VMS"	Welded	4 – Cable, 2 – 1/2", 1 – 1/2" & 3/4" E	1 – 1/2"	25	104

## 4" SQUARE OUTLET BOXES – 30.3 CUBIC INCH CAPACITY

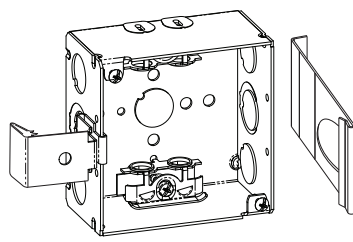
2 1/8" DEEP

FOR ARMORED & METAL CLAD (MCI) CABLE – CLAMPS IN EACH END

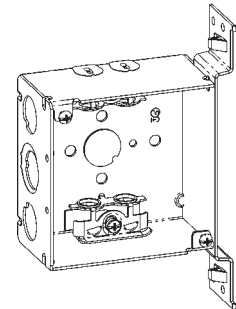
UL LISTED



TP431



TP431SSB



TP440

### KNOCKOUTS

Cat. #	Metal Stud Sizes	Bracket	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP431*	—	—	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	91
TP431PF†	—	—	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	91
TP431SSB*	—	SSB	Welded	4 – Cable, 4 – 1/2", 2 – 1/2" & 3/4" E	1 – 1/2"	25	102
TP440*	All	"VMS"	Welded	4 – Cable, 2 – 1/2", 1 – 1/2" & 3/4" E	1 – 1/2"	25	103

†TP catalog numbers ending in PF includes ground screw with pigtail lead

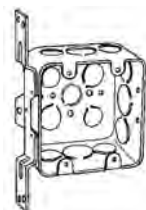
\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)

MCAP™ is a registered trademark of Southwire Company.



## 4" SQUARE TWO-DEVICE BOXES – 30.3 CUBIC INCH CAPACITY

2 1/8" DEEP  
UL LISTED



TP391



TP395

### KNOCKOUTS

Cat. #	Bracket	Description	Sides	Bottom	Std. Unit Pkg.	Wt. Lbs. Per 100
TP391	"VS", Set 7/8"	Drawn	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	25	95
TP395	—	Drawn	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	84

## 4" SQUARE EXTENSION RINGS

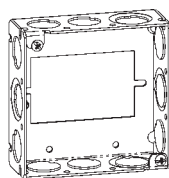
1 1/2" DEEP WITH CONDUIT KNOCKOUTS – 21.0 CUBIC INCH CAPACITY

2 1/8" DEEP WITH CONDUIT KNOCKOUTS – 30.3 CUBIC INCH CAPACITY

UL LISTED



TP424



TP422



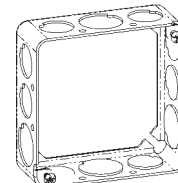
TP426



TP428RED



TP443 (2 1/8" Deep)



TP428, TP833\*

### KNOCKOUTS

Cat. #	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP424	12 - 1/2"	—	50	46
TP422	8 - 1/2", 4 - 1/2" + 3/4" E	—	50	50
TP426	8 - 3/4"	—	50	46
TP428	8 - 1/2", 4 - 3/4"	—	50	46
TP428RED	8 - 1/2", 4 - 3/4"	—	50	46
TP443	8 - 1/2", 4 - 3/4"	—	25	66
TP465	8 - 1"	—	25	60
TP833*	8 - 1/2", 4 - 3/4"	—	50	48

\*For Air Plenum (No Mounting Holes). Requires the use of TP854, purchase separately - Not UL Listed

## FLEXIBLE FIXTURE HANGERS

Cooper Crouse-Hinds TPSFH square flexible fixture hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

### Features and Benefits:

- Suitable for use with 1/2" or 3/4" fixture conduit stems these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction. Maximum swing angle is 26° from vertical max slope angles 22 1/2°
- Available for attachment to 4" square steel boxes.
- Quickly and easily attached by two screws.
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" - 1/2" reducer for 1/2" conduit stem applications.

### Certifications and Compliances:

- UL Listed – UL 1598
- CSA C22.2 No. 250
- Suitable for Damp Locations

### Standard Materials and Finishes:

- Material: Sheet Steel
- Finish: Zinc Chromate for corrosion resistance



Description	Support Wt. (lbs)	Cat. #
For use with 4" Square boxes	50	TPSFH12

# Steel Square Covers

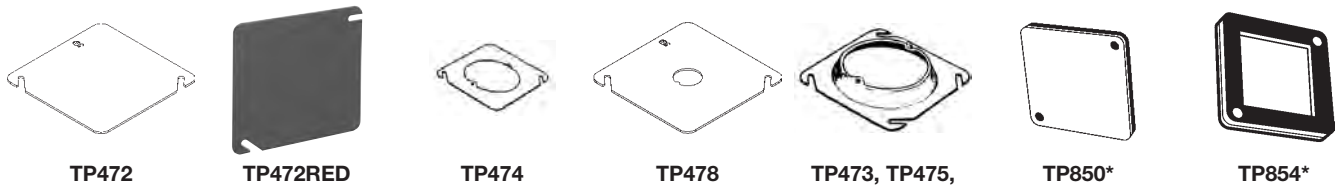


## COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

#8-32 screw used on covers

Steel Boxes



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP472†	Flat Blank	50	31	—
TP472RED	Flat Blank	50	31	—
TP474	Flat Blank, Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	50	21	—
TP478†	Flat with 1/2" ko	50	31	—
TP487	Flat with 3/4" ko	50	29	—
TP473	Raised 1/4", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	50	23	1.3
TP476†	Raised 1/2", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	50	26	4.0
TP477	Raised 5/8", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	50	27	5.0
TP475	Raised 3/4", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	25	31	6.0
TP479	Raised 1", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	25	34	7.0
TP483	Raised 1 1/4", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	25	37	8.5

Air Plenum

TP850*	Flat Blank Gasketed With Captive Screws	25	31	—
TP854*	Flat Ring Double Gasketed	25	12	—

\*For Air Plenum (No Mounting Holes) - Not UL Listed  
†CSA Certified

## MUD RINGS FOR 4" SQUARE STEEL OUTLET BOXES

UL LISTED



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
<b>ONE DEVICE</b>				
TP480	Flat	50	20	—
TP482	1/4" Raised	50	21	1.8
TP484	1/2" Raised	50	23	3.8
TP489	5/8" Raised	50	26	4.3
TP486	3/4" Raised	50	30	5.5
TP488	1" Raised	50	34	6.8
TP490	1 1/4" Raised	25	39	8.5
AMR1*	3/4" - 1 1/2" Raised Adjustable	25	47	-
<b>TWO DEVICE</b>				
TP494	Flat	50	12	—
TP496‡	1/4" Raised	50	13	3.0
TP498‡	1/2" Raised	50	18	6.0
TP499‡	5/8" Raised	50	22	8.0
TP500‡	3/4" Raised	50	24	9.0
TP501	1 1/4" Raised	25	31	14.0
TP502	1" Raised	25	30	11.7
AMR2*	5/8" - 1 1/2" Raised Adjustable	25	50	-

‡ Slotted design for use with 4" square box partitions  
\*ETL Listed

## SMARTGUARD™ PROTECTIVE PLATES

### Applications:

- For use with single-, two-, three-, four- and five-gang commercial or residential boxes/plaster rings; with or without devices, switches, GFCI, etc. installed
- Commercial or residential ceiling boxes
- 6" commercial or residential lighting "cans"
- 14" or 24" wide breaker boxes

### Features and Benefits:

- Seals out sheetrock mud, sanding dust and paint overspray to keep the electrical box and its wiring free from contaminants
- Router resistant material provides mechanical protection to box and wiring and speeds up trim process
- Clear material makes visual inspection quick and easy
- Less expensive and easier to use than metallic alternatives
- Reduces risk of call backs and expense of rework because of wire and box damage

### Material:

- High-impact, router-resistant PVC

### SmartGuard



Cat. #	Description	Std. Unit Pkg.	Wt. Lbs. Per 100
<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>			
SGMR1	SmartGuard 1G Mud Ring Blank	50	1
SGD1	SmartGuard 1G Mud Ring w/Device Installed	50	1
SGT1	SmartGuard 1G Mud Ring w/Toggle Installed	50	2
SGMR2	SmartGuard 2G Mud Ring Blank	25	1
SGD2	SmartGuard 2G Mud Ring w/Device Installed	25	3
SGT2	SmartGuard 2G Mud Ring w/Toggle Installed	25	3
SGMR3	SmartGuard 3G Mud Ring Blank	20	3
SGMR4	SmartGuard 4G Mud Ring Blank	10	4
SGMR5	SmartGuard 5G Mud Ring Blank	5	5
SGR1	SmartGuard 1G PVC Resi Box	50	1
SGR2	SmartGuard 2G PVC Resi Box	25	2
SGR3	SmartGuard 3G PVC Resi Box	20	3
SGR4	SmartGuard 1G Mud Ring Blank	10	3
SGR03	SmartGuard 3 1/2" NM Resi Ceiling Box	20	1
SGR04	SmartGuard 4" NM Resi Ceiling Box	20	1
SGMB1	SmartGuard Meter Base Cover	5	3
SGP14	SmartGuard Panel/Breaker Box 14" Wide	1	125
SGP20	SmartGuard Panel/Breaker Box 20" Wide	1	219
SGD1 BULK	SmartGuard 1G Mud Ring w/Device Installed—Bulk	1000	1
SGT1 BULK	SmartGuard 1G Mud Ring w/Toggle Installed—Bulk	1000	2
SGD2 BULK	SmartGuard 2G Mud Ring w/Device Installed—Bulk	500	3
SGT2 BULK	SmartGuard 2G Mud Ring w/Toggle Installed—Bulk	500	3
SGMR0	SmartGuard 3" Round Comm. Ceiling Box	25	1
SGLV14	SmartGuard Low Voltage Serv Ctr 14" Wide	1	125
SGH6	SmartGuard lighting can 6"—Halo	10	3
SGJ6	SmartGuard lighting can 6"—Juno	10	3
SGCK1	SmartGuard Contractor Kit (150-1G, 50-2G, 20-3G, 10-4G, 5-5G, 25-3" ceiling)	1	50
SGRK1	SmartGuard Residential Kit (150-1G, 50-2G, 20-3G, 10-4G, 20-3-1/2" ceiling, 20-4" ceiling)	1	50

## METALGUARD™ PROTECTIVE PLATES

### Applications:

- For use with single-, two-, three- and four-gang commercial or residential boxes/plaster rings; with or without devices, switches, GFCI, etc. installed
- Commercial or residential ceiling boxes

### Features and Benefits:

- Seals out sheetrock mud, sanding dust and paint overspray to keep the electrical box and its wiring free from contaminants
- Heavy duty reusable metallic plate provides mechanical protection to box and wiring and speeds up trim process
- Easy to install. All you have to do is push them in! They come out easy—just put a screwdriver into the slot in front, turn and pull them out
- Reduces risk of call backs and expense of rework because of wire and box damage
- MetalGuard serves as a guide for router in cutting out boxes

### Material & Finish:

- 18 gauge steel
- Natural finish



Cat. #	Description	Std. Unit Pkg.	Wt. Lbs. Per 100
	<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>		
<b>MGRK</b>	Contractor Kit (120-1G, 40-2G, 20-3G, 5-4G, and 20-Rnd)	1	-
<b>MGR1</b>	1G Residential Wire Protector	60	-
<b>MGR2</b>	2G Residential Wire Protector	20	-
<b>MGR3</b>	3G Residential Wire Protector	20	-
<b>MGR4</b>	4G Residential Wire Protector	5	-
<b>MGR0</b>	Rnd Residential Wire Protector	20	-
<b>MGMR1</b>	1G Wire Protector for Commercial MR	50	-
<b>MGMR2</b>	2G Wire Protector for Commercial MR	50	-
<b>MGMR0</b>	Rnd Wire Protector for Commercial MR	50	-
<b>MGS1</b>	Gangable Spacer Wire Protector	100	-

## 4" SQUARE SURFACE COVERS – 5.5 CUBIC INCH CAPACITY

RAISED 1/2"

UL LISTED



TP503



TP504



TP506



TP508



TP510



TP512



TP507, TP514  
TP519



TP516



TP509, TP518



TP513



TP511



TP515



TP517

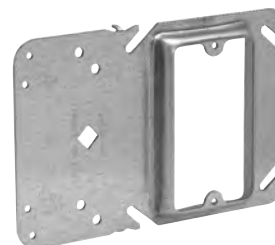
Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
<b>TP503†</b>	Raised Blank	50	35
<b>TP504†</b>	For One Toggle Switch, One Single Receptacle 1 <sup>19</sup> / <sub>32</sub> " Dia.	50	31
<b>TP506†</b>	For One Toggle Switch, One Duplex Receptacle	50	31
<b>TP508</b>	For Two Toggle Switches	50	35
<b>TP510</b>	For Two Duplex Receptacles	50	26
<b>TP512</b>	For One Toggle Switch	50	35
<b>TP507</b>	For One 20 Amp, Single Receptacle 1 <sup>19</sup> / <sub>32</sub> " Dia.	50	37
<b>TP514</b>	For One Single Receptacle 1 <sup>19</sup> / <sub>32</sub> " Dia.	50	34
<b>TP519†</b>	For One 30 Amp. Twist-Lock Single Receptacle 1 <sup>23</sup> / <sub>32</sub> " Dia.	50	37
<b>TP516</b>	For One Duplex Receptacle	50	31
<b>TP509</b>	For One 30 – 60 Amp. Receptacle (4-wire) 2 <sup>7</sup> / <sub>16</sub> " Dia.	50	23
<b>TP518</b>	For One 30 – 50 Amp. Receptacle 2 <sup>9</sup> / <sub>64</sub> " Dia.	50	34
<b>TP513</b>	For One GFCI Receptacle	50	31
<b>TP511</b>	For Two GFCI Receptacles	50	26
<b>TP515</b>	For One Toggle Switch, One GFCI Receptacle	50	31
<b>TP517</b>	For One Duplex Receptacle, One GFCI Receptacle	50	26

† CSA Certified

## UNI-MOUNT™ COVERS

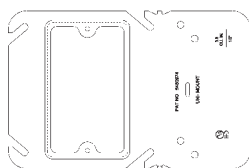
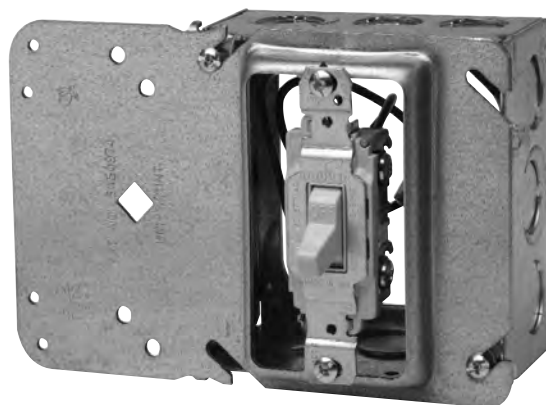
The Unimount combines the features of a mounting device plate with those of a box support; giving you one universal plate for all of your needs. Specifically designed for use with metal or wood studs:

The new and improved version incorporates four small holes on the left side (support side) of the bracket. These holes allow for the attachment of box mounting brackets to allow for use of both sides of the stud. The holes are strategically located to accept either the B-Line BB423 bracket or the Caddy H23 bracket. Additionally, the viewing hole has been significantly enlarged (and is now diamond shaped) to make it even easier to find mark lines on the stud.

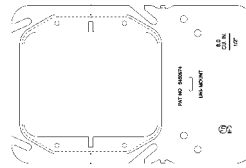


Steel Boxes

- Guide tabs ensure consistent alignment on stud
- Stud alignment hole ensures consistent mounting height
- Rigid bracket design eliminates the need for far side support
- Available as a single or two device cover
- Universal design fits all 4" Square boxes
- Available in 1/2", 5/8" and 3/4" raised.
- Can be ordered preassembled to popular 4" square boxes.
- Fast and easy installation
- Can be used in multiple applications, resulting in less items to stock.
- Less labor intensive.
- Less material handling.
- No multiple assemblies to handle.
- Can be used in Class 2 communications outlets for low voltage without a box.
- UL Listed and CSA certified.\*



Single Gang



Two Gang

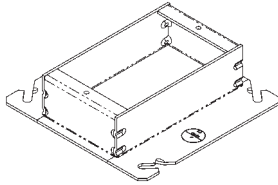
Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>SINGLE GANG</b>				
TP30000	1/2" Raised	3.8	50	43
TP31000	5/8" Raised	4.3	50	46
TP32000	3/4" Raised	5.5	50	50
<b>TWO GANG</b>				
TP35000	1/2" Raised	6	50	38
TP36000	5/8" Raised	8	50	52
TP37000	3/4" Raised	9	50	54
<b>LOW PROFILE SCREWS - REDUCES RISK OF SHEETROCK BULGE</b>				
TP710	L.P. Screws	—	1000	.5

\* CSA requires a far side support.

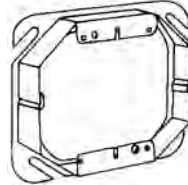
## TILE WALL COVERS FOR 4" SQUARE BOXES – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

Steel Boxes



TP524



TP534

### Applications:

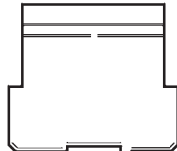
- Typically used with tile or brick

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
<b>ONE DEVICE</b>				
TP520	1/2" Raised	50	30	3.7
TP522	3/4" Raised	50	36	5.5
TP524	1" Raised	50	40	7.4
TP526	1 1/4" Raised	25	46	9.3
TP528	1 1/2" Raised	25	50	11.0
TP530	2" Raised	25	62	14.8
<b>TWO DEVICE</b>				
TP532	1/2" Raised	10	24	5
TP534	3/4" Raised	10	30	7.8
TP536	1" Raised	10	36	10.3
TP538	1 1/4" Raised	10	44	13
TP540	1 1/2" Raised	10	50	15.5
TP542	2" Raised	10	66	20.8

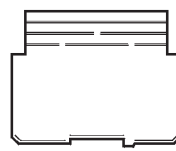
## 4" SQUARE BOX PARTITIONS



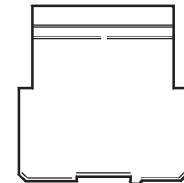
TP860



TP861



TP862



TP863

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
<b>FOR 1 1/2" DEEP BOX WITH SQUARE CUT TILE WALL TWO-GANG COVERS</b>			
TP860	For 1/2", 3/4", 1" Raised Covers	25	13
TP861	For 1 1/4", 1 1/2", 2" Raised Covers	25	18
<b>FOR 2 1/8" DEEP BOX WITH SQUARE CUT TILE WALL TWO-GANG COVERS</b>			
TP862	For 1/2", 3/4", 1" Raised Covers	25	16
TP863	For 1 1/4", 1 1/2", 2" Raised Covers	25	21



## 4<sup>11</sup>/<sub>16</sub>" SQUARE OUTLET BOXES AND COVERS

### Applications:

- For use with conduit
- For use in commercial and industrial applications, where larger sized conductor or wiring devices are needed and additional volume is required
- Can be ceiling mounted to be used as a junction box or to mount lighting fixtures
- Available in red for fire alarm applications

### Features:

- Ideal for exposed work applications, providing an easy method for the installation of electrical devices (switches, receptacles, fans, lights, etc.)
- Raised ground screw location in the welded boxes saves time in installation
- Concentric knockouts have a 1/2" and 3/4" knockout in the same location for customer flexibility
- Knockouts are suitable for use without a bonding jumper in circuits above or below 250 volts
- Available in two depths for differing cubic capacity requirements
- Welded or drawn construction to match customer preference
- Extensive cover offering to meet various customer applications and needs



Steel Boxes

### Certifications and Compliances:

- UL Listed

## 4<sup>11</sup>/<sub>16</sub>" SQUARE OUTLET BOXES – 29.5 CUBIC INCH CAPACITY

### 1<sup>1</sup>/<sub>2</sub>" DEEP WITH CONDUIT KOs

### UL LISTED



TP523



TP548



TP549

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
<b>29.5 CUBIC INCH CAPACITY</b>					
TP523	Welded	12 – 1/2" & 3/4" C	2 – 1/2", 2 – 3/4"	25	99
TP523PF†	Welded	12 – 1/2" & 3/4" C	2 – 1/2", 2 – 3/4"	25	99
TP548	Drawn	8 – 1/2", 4 – 3/4"	3 – 1/2", 2 – 3/4"	25	84
TP549	Drawn	6 – 1/2", 6 – 1/2" & 3/4" C	3 – 1/2", 2 – 3/4"	25	84

†TP catalog numbers ending in PF includes ground screw with pigtail lead



## 4<sup>11</sup>/<sub>16</sub>" SQUARE OUTLET BOXES – 42.0 AND 44.0 CUBIC INCH CAPACITY

2<sup>1</sup>/<sub>8</sub>" DEEP WITH CONDUIT KOs

UL LISTED

Steel Boxes



TP563



TP554  
TP842\*



TP556  
TP832\*



TP556RED



TP558  
TP835\*



TP560  
TP836\*



TP562



TP557



TP521



TP525

### KNOCKOUTS

Cat. #	Description	Brackets	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>42.0 CUBIC INCH CAPACITY</b>						
TP563	Drawn	—	6 - 1/2", 6 - 1/2" & 3/4" C	3 - 1/2", 2 - 3/4"	25	104
TP554	Drawn	—	8 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556	Drawn	—	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556PF†	Drawn	—	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP556RED	Drawn	—	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	104
TP558	Drawn	—	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP560	Drawn	—	8 - 1"	3 - 1/2", 2 - 3/4"	25	104
TP562‡	Drawn	—	4 - 1 1/4"	3 - 1/2", 2 - 3/4"	25	104
TP557	Drawn	"VS"	4 - 1/2", 5 - 1/2" & 3/4" C	3 - 1/2", 2 - 3/4"	25	120
<b>44.0 CUBIC INCH CAPACITY</b>						
TP521	Welded	—	12 - 1/2" & 3/4" C	2 - 1/2", 2 - 3/4"	25	115
TP521PF†	Welded	—	12 - 1/2" & 3/4" C	2 - 1/2", 2 - 3/4"	25	115
TP525**	Welded	—	12 - 1/2" & 3/4" E	2 - 1/2", 2 - 1/2", 3/4" E	25	115
<b>Air Plenum</b>						
TP835*		—	4 - 3/4", 4 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP836*		—	8 - 1"	3 - 1/2", 2 - 3/4"	25	115
TP842*		—	12 - 3/4"	3 - 1/2", 2 - 3/4"	25	115
TP832*		—	8 - 1/2", 4 - 3/4"	3 - 1/2", 2 - 3/4"	25	115

\*For Air Plenum (No Mounting Holes) - Not UL Listed

\*\*Raised ground bump contains holes for 2 ground screws

†TP catalog numbers ending in PF includes ground screw with pigtail lead

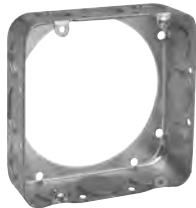
‡ Not UL Listed

## 4<sup>11/16</sup>" SQUARE EXTENSION RINGS

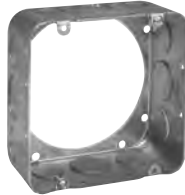
1<sup>1/2</sup>" DEEP WITH CONDUIT KOs - 29.5 CUBIC INCH CAPACITY

2<sup>1/8</sup>" DEEP WITH CONDUIT KOs - 42.0 CUBIC INCH CAPACITY

UL LISTED



TP550



TP564  
TP837\*



TP564RED

Cat. #	Description	KNOCKOUTS Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
1 <sup>1/2</sup> " Deep TP550		8 - 1/2", 4 - 3/4"	—	25	66
2 <sup>1/8</sup> " Deep TP564 TP564RED		8 - 1/2", 4 - 3/4" 8 - 1/2", 4 - 3/4"	— —	25 25	84 84
Air Plenum TP837*	2 <sup>1/8</sup> " Deep	8 - 1/2", 4 - 3/4"	—	25	115

Note: \*For Air Plenum (No Mounting Holes) - Not UL Listed  
TP837 requires the use of TP852, purchased separately.

# Steel Square Covers



## 4<sup>11/16</sup>" SQUARES COVERS – CUBIC INCH CAPACITY (SEE BELOW)

UL LISTED

Steel Boxes



TP568

TP568RED

TP569, TP570,  
TP571,  
TP573, TP575

TP574 – TP582,  
TP529, TP531

TP584, TP586,  
TP589, TP593,  
TP541, TP543

TP851\*

TP852\*

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
<b>FLAT AND RAISED</b>				
TP568†	Flat Blank	25	40	—
TP568RED	Flat Blank	25	40	—
TP569‡	½" Raised, With Ears 2¾"	25	36	3.3
TP570	Raised ⅝", With Ears 2¾"	25	38	3.8
TP571‡	¾" Raised, With Ears 2¾"	25	40	5.0
TP572†	Flat, With ½" KO	25	40	—
TP573‡	1" Raised, With Ears 2¾"	25	44	7.0
TP575‡	1¼" Raised, With Ears 2¾"	25	48	9.0
<b>AIR PLENUM</b>				
TP851*	Flat Blank Gasketed Captive Screws	50	42	—
TP852*	Flat Ring Double Gasketed	25	20	—
<b>ONE DEVICE</b>				
TP574	¼" Raised	25	32	1.8
TP576	½" Raised	25	36	3.3
TP578	¾" Raised	25	42	5.0
TP579	⅝" Raised	25	39	4.5
TP580	1" Raised	25	46	6.8
TP582	1¼" Raised	25	52	8.5
TP529	1½" Raised	25	64	11.3
TP531	2" Raised	25	76	15.0
<b>TWO DEVICE</b>				
TP590‡	Flat	25	21	—
TP583‡	¼" Raised	25	26	3.0
TP584	½" Raised	25	30	6.0
TP587	⅝" Raised	25	32	8.0
TP586	¾" Raised	25	34	8.8
TP589	1" Raised	25	38	11.7
TP593	1¼" Raised	25	42	14.0
TP541	1½" Raised	25	63	18.8
TP543	2" Raised	25	79	24.5

\*For Air Plenum (No Mounting Holes)

†CSA Certified

‡ Not UL Listed

## 4<sup>11</sup>/<sub>16</sub>" SQUARE SURFACE COVERS – 9.0 CUBIC INCH CAPACITY

1/2" RAISED



TP720



TP722



TP724  
TP730  
TP736



TP726



TP728



TP732



TP734



TP738



TP740

Steel Boxes

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP720	For One Toggle Switch	10	52
TP722	For One Duplex Receptacle	10	49
TP724	For One Single Receptacle 1 <sup>13</sup> / <sub>32</sub> " Dia.	10	53
TP730	For One 20 Amp Single Receptacle 1.620" Dia.	10	50
TP736	For One 1.730" Dia. Power Outlet	10	51
TP726	For Two Toggle Switches	10	52
TP728	For Two Duplex Receptacles	10	44
TP732	For One 2.125" Dia. Range/Dryer Receptacle	10	48
TP734	For One 2.480" Dia. Power Outlet	10	45
TP738	For One Ground Fault Interrupter	10	45
TP740	For One GFI Receptacle & One Toggle	25	45
TP741	For Two GFI Receptacles	10	43

# Steel Utility Boxes & Covers

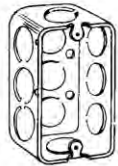


## UTILITY BOXES – CUBIC INCH CAPACITY (SEE BELOW)

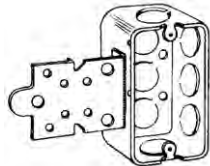
4" LONG x 2 1/8" WIDE

UL LISTED

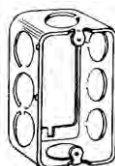
Steel Boxes



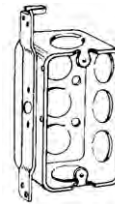
TP588, TP647



TP591



TP592, TP600,  
TP602



TP598  
TP605



TP594, TP596,  
TP604, TP606,

Cat. #	Bracket	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
<b>1 1/4" DEEP – 8.5 CUBIC INCH CAPACITY</b>					
TP647	—	8 – 1/2"	3 – 1/2"	50	40
<b>1 1/2" DEEP – 10.3 CUBIC INCH CAPACITY</b>					
TP588	—	8 – 1/2"	3 – 1/2"	50	42
TP591	"F", Set 1/4"	5 – 1/2"	3 – 1/2"	50	51
<b>1 1/2" DEEP EXTENSION RINGS – 10.3 CUBIC INCH CAPACITY</b>					
TP592	—	8 – 1/2"	—	50	36
<b>1 7/8" DEEP – 13.0 CUBIC INCH CAPACITY</b>					
TP594	—	8 – 1/2"	3 – 1/2"	50	50
TP596	—	6 – 3/4"	3 – 1/2"	50	50
TP598	"S", SET 1/2"	5 – 1/2"	3 – 1/2"	50	60
<b>1 7/8" DEEP EXTENSION RINGS – 13.0 CUBIC INCH CAPACITY</b>					
TP600	—	8 – 1/2"	—	50	41
TP602	—	6 – 3/4"	—	50	41
<b>2 1/8" DEEP – 14.5 CUBIC INCH CAPACITY</b>					
TP604	—	8 – 1/2"	3 – 1/2"	50	56
TP606	—	6 – 3/4"	3 – 1/2"	50	56
TP605	"S", Set 1/2"	5 – 1/2"	3 – 1/2"	50	66

## UTILITY BOX COVERS

UL LISTED



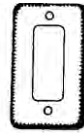
TP608



TP610



TP612



TP613



TP614



TP616



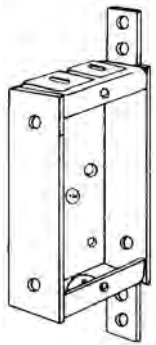
TP618

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP608*	Blank	100	10
TP610*	For 20 and 30 AMP, Twist Lock, 1 19/32" Diameter	100	9
TP612*	Single Receptacle, 1 19/32" Diameter	100	9
TP613*	For GFCI Device	100	7
TP614*	1/2" KO	100	10
TP616*	Duplex Receptacle	100	8
TP618*	One Toggle Switch	100	10

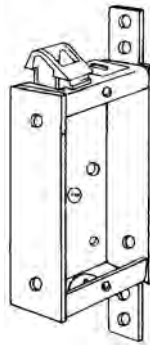
\*CSA Certified

## 1" DEEP - NON-GANGABLE - 6.5 CUBIC INCH CAPACITY

1<sup>15</sup>/<sub>16</sub>" WIDE x 3<sup>3</sup>/<sub>4</sub>" LONG



TP101



TP103

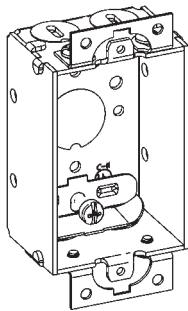
### KNOCKOUTS

Cat. #	Bracket	Plastic Clamp	Conduit	Cable	Unit Qty.	Wt. Lbs. Per 100
TP101	"S"	No	1 - 1/2"	2	25	38
TP103	"S"	Yes	1 - 1/2"	2	25	39

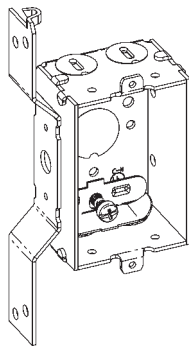
## 1 1/2" DEEP - NON-GANGABLE - 7.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

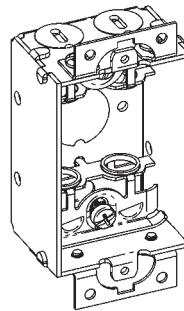
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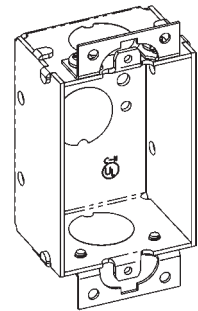
TP100



TP104



TP106



TP114

### KNOCKOUTS

Cat. #	Bracket	Ears	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>FOR NONMETALLIC CABLE - CLAMPS IN EACH END</b>							
TP100	—	Yes	2 - Cable	—	1 - 1/2"	50	43
TP104	"S", set 1/2"	—	2 - Cable	—	1 - 1/2"	50	50
<b>FOR ARMORED &amp; METAL CLAD (MCI) CABLE - CLAMPS IN EACH END</b>							
TP106*	—	Yes	2 - Cable	—	1 - 1/2"	50	44
<b>FOR CONDUIT - NO CLAMPS, FLUSH DEVICE</b>							
TP114	—	Yes	1 - 1/2"	—	1 - 1/2"	50	39

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™) MCAP™ is a registered trademark of Southwire Company.

# Steel Switch Boxes

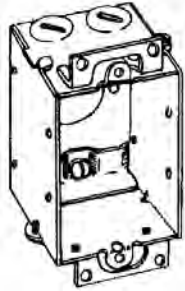


**2" DEEP – GANGABLE – 10.0 CUBIC INCH CAPACITY**

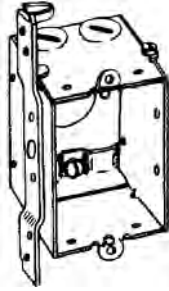
**2" WIDE x 3" LONG**

**UL LISTED**

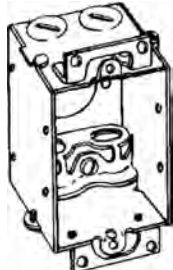
Steel Boxes



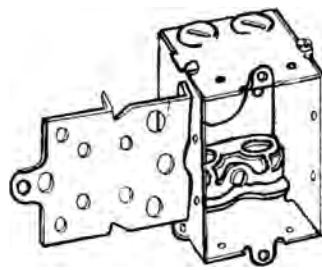
TP116



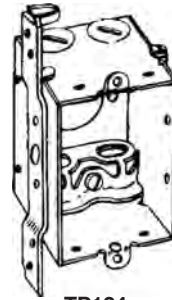
TP118



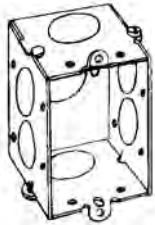
TP120



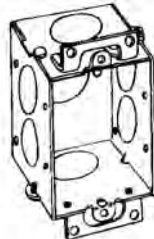
TP123



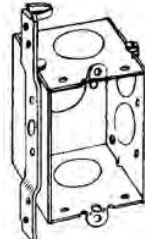
TP124



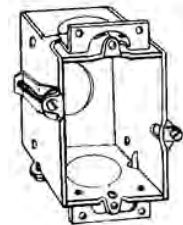
TP126



TP130



TP132



TP131  
Hold-Tite

**KNOCKOUTS**

Cat. #	Bracket	Ears	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>FOR NONMETALLIC CABLE – CLAMPS IN EACH END</b>							
TP116	—	Yes	2 – Cable	—	1 – 1/2"	50	53
TP118	"S", Set 5/8"	—	2 – Cable	—	1 – 1/2"	50	60
<b>FOR ARMORED &amp; METAL CLAD (MCI) CABLE – CLAMPS IN EACH END</b>							
TP120*	—	Yes	2 – Cable	—	1 – 1/2"	50	54
TP123*	"F", Set 1/2"	—	2 – Cable	—	1 – 1/2"	50	63
TP124*	"S", Set 5/8"	—	2 – Cable	—	1 – 1/2"	50	61
<b>FOR CONDUIT – NO CLAMPS, FLUSH DEVICE</b>							
TP126	—	—	1 – 1/2"	2 – 1/2"	1 – 1/2"	50	47
TP130	—	Yes	1 – 1/2"	2 – 1/2"	1 – 1/2"	50	48
TP132	"S", Set 5/8"	—	1 – 1/2"	2 – 1/2", 1 Side	1 – 1/2"	50	58
TP131	Hold-Tite	Yes	1 – 1/2"-T	—	1 – 1/2"	50	52

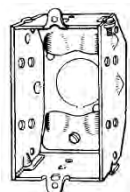
\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.



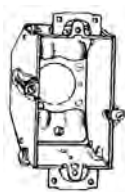
## 2 1/4" DEEP – GANGABLE – BEVELED CORNERS 10.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

UL LISTED



TP134



TP137 Hold-Tite



TP138

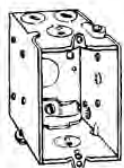
### KNOCKOUTS

Cat. #	Description	Ears	Bumps	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>CLAMP SCREWS THROUGH BEVELED CORNERS</b>								
TP134	Gangable	—	Yes	2 – Cable	—	1 – 1/2"	50	51
TP137	Gangable	Yes	—	2 – Cable	—	1 – 1/2"	50	57
TP138	Gangable	Yes	—	2 – Cable	—	1 – 1/2"	50	55

## 2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

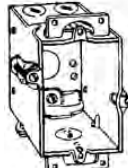
UL LISTED



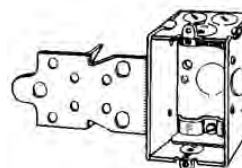
TP158 (Pigtail included not shown in picture)



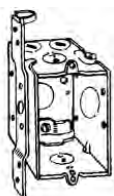
TP162



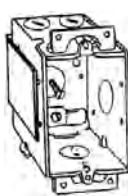
TP163



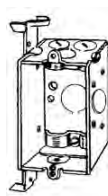
TP164  
TP168



TP170



TP161



TP172



TP174



TP171

### KNOCKOUTS

Cat. #	Bracket	Ears	Ground Pigtail	Leveling Bumps	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>FOR NONMETALLIC CABLE - CLAMPS IN EACH END</b>									
TP115*	—	—	—	Yes	2 – Cable, 1 – 1/2"	—	1 – 1/2"	50	59
TP158	—	Yes	Yes	—	2 – Cable	1 – 1/2"	1 – 1/2"	50	63
TP161	Snap-In	Yes	—	—	2 – Cable	1 – 1/2"	—	50	73
TP162	—	Yes	—	—	2 – Cable	1 – 1/2"	1 – 1/2"	50	62
TP163	Hold-Tite	Yes	—	—	2 – Cable	—	1 – 1/2"	50	65
TP164	"F", Set 1/2"	—	—	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	71
TP168	"F", Set 1/4"	—	—	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	71
TP170	"S", Set 5/8"	—	—	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	69
TP172	"D", Set 5/8"	—	—	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	70
TP174	"D", Set 5/8"	—	Yes	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	71
TP171	"VP", Set 1/2"	—	—	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	73

\*Not UL Listed

# Steel Switch Boxes

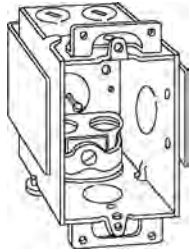


**2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY**

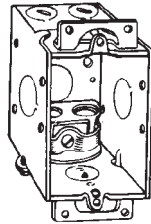
**2" WIDE x 3" LONG FOR ARMORED & METAL CLAD (MCI) CABLE – CLAMPS IN EACH END**

**UL LISTED**

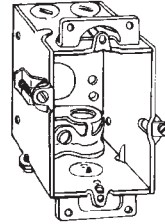
Steel Boxes



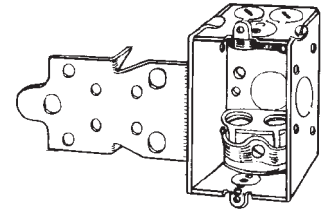
TP177



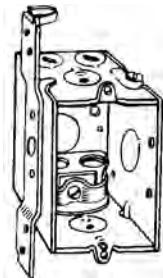
TP178



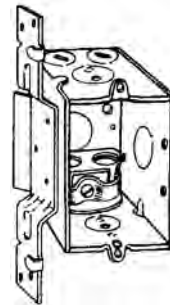
TP179  
Hold-Tite



TP180



TP184



TP185

**KNOCKOUTS**

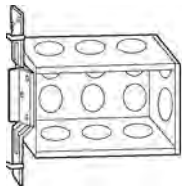
Cat. #	Bracket	Ears	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP177*	Snap-In	Yes	2 – Cable	1 – 1/2"	—	50	74
TP178*	—	Yes	2 – Cable	1 – 1/2"	1 – 1/2"	50	63
TP179*	Hold-Tite	Yes	2 – Cable	—	1 – 1/2"	50	66
TP180*	"F", Set 1/2"	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	72
TP184*	"S", Set 5/8"	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	70
TP185*	"VP", Set 1/2"	—	2 – Cable, 1 – 1/2"	1 – 1/2"	1 – 1/2"	50	74

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

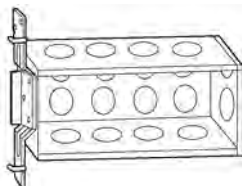
## GANG BOXES SET BACK 1/2"

**2 1/2" DEEP – 3 3/4" HIGH – 1/2" AND 3/4" CONCENTRIC KOs**

**UL LISTED**



TP632



TP633



TP637



TP638

**KNOCKOUTS**

Cat. #	Gang	Bracket	Width	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP632	3	VP	5 9/16"	2	3	6	5	143	46.5
TP633	4	VP	7 3/8"	2	4	8	5	179	62.0
TP637	3	VS	5 9/16"	2	3	6	5	143	46.5
TP638	4	VS	7 3/8"	2	4	8	5	179	62.0

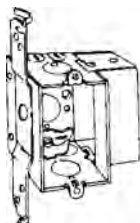
## 2 1/2" DEEP "EC" BOXES – GANGABLE – CUBIC INCH CAPACITY (SEE BELOW)

2" WIDE x 3" LONG  
CLAMPS IN EACH END

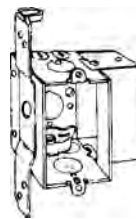
UL LISTED



TP188



TP190



TP196

**Note:** The Cubic Capacity of any of our new work 2 1/2" Deep Switch Boxes can be increased to 18 cubic inches simply by adding our "EC" Extender to the sides of the box. This provides 5.5 extra cubic inches of space necessary to conform to revisions in the National Electrical Code. "EC" boxes are stocked factory assembled in popular styles, however the "EC" Extender can be ordered separately for "Instant-On" assembly on the job with Cooper Crouse-Hinds Switch Boxes.

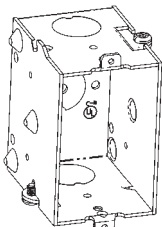
### KNOCKOUTS

Cat. #	Bracket	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP188	—	—	—	—	50	32	5.5
<b>FOR NONMETALLIC CABLE</b>							
TP190	"D", Set 5/8"	2 – Cable, 1 – 1/2"	—	1 – 1/2"	25	89	18.0
TP196	"S", Set 5/8"	2 – Cable, 1 – 1/2"	—	1 – 1/2"	25	89	18.0

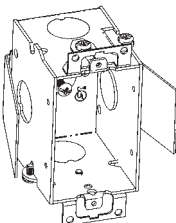
## 2 1/2" DEEP – GANGABLE – 12.5 CUBIC INCH CAPACITY

2" WIDE x 3" LONG  
FOR CONDUIT – NO CLAMPS

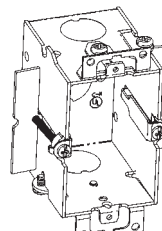
UL LISTED



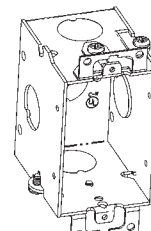
TP214



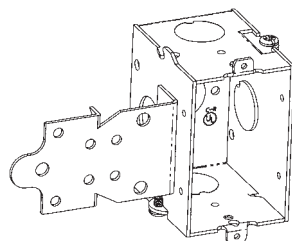
TP216



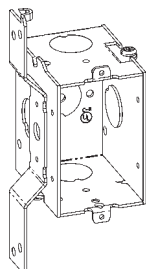
TP217



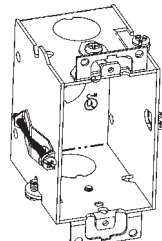
TP218



TP220



TP222



TP224

### KNOCKOUTS

Cat. #	Bracket	Ears	Leveling Bumps	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP214	—	—	Yes	1 – 1/2"	—	1 – 1/2"	50	55
TP216	Snap-In	Yes	—	1 – 1/2"	1 – 1/2"	—	50	69
TP217	—	Yes	—	1 – 1/2"	—	1 – 1/2"	50	64
TP218	—	Yes	—	1 – 1/2"	1 – 1/2"	1 – 1/2"	50	58
TP220	"F", Set 1/2"	—	—	1 – 1/2"	1 – 1/2", 1 Side	1 – 1/2"	50	66
TP222	"S", Set 5/8"	—	—	1 – 1/2"	1 – 1/2", 1 Side	1 – 1/2"	50	65
TP224	Hold-Tite	Yes	—	1 – 1/2"	—	1 – 1/2"	50	61

# Steel Switch Boxes

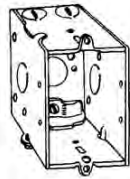


**2<sup>3</sup>/<sub>4</sub>" DEEP – GANGABLE – 14.0 CUBIC INCH CAPACITY**

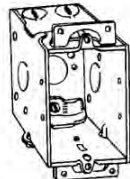
**2" WIDE x 3" LONG**

**UL LISTED**

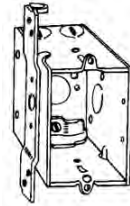
Steel Boxes



TP660



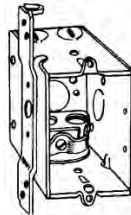
TP662



TP664



TP668



TP670

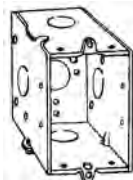
Cat. #	Bracket	Ears	KNOCKOUTS			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
<b>FOR NONMETALLIC CABLE – CLAMPS IN EACH END</b>							
TP660	—	—	2 – Cable	1 – 1/2"	1 – 1/2"	50	62
TP662	—	Yes	2 – Cable	1 – 1/2"	1 – 1/2"	50	67
TP664	"S", Set 5/8"	—	2 – Cable	1 – 1/2"	1 – 1/2"	50	70
<b>FOR ARMORED &amp; METAL CLAD (MCI) CABLE – CLAMPS IN EACH END</b>							
TP668*	—	Yes	2 – Cable	1 – 1/2"	1 – 1/2"	50	68
TP670*	"S", Set 5/8"	—	2 – Cable	1 – 1/2"	1 – 1/2"	50	71

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.

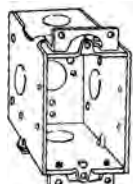
## 2<sup>3</sup>/<sub>4</sub>" DEEP – GANGABLE – 14.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG  
FOR CONDUIT – NO CLAMPS

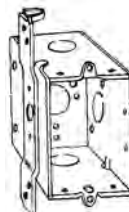
UL LISTED



TP672  
TP674



(TP676 – 1 screw ear)  
(TP678 – 2 screw ear)



TP680  
TP677

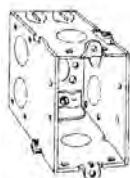
Steel Boxes

Cat. #	Bracket	Ears	KNOCKOUTS			Unit Qty.	Wt. Lbs. Per 100
			Each End	Each Side	Bottom		
TP672	—	—	1 – 1/2"	1 – 1/2"	1 – 1/2"	50	59
TP674	—	—	1 – 3/4"	1 – 3/4"	1 – 1/2"	50	59
TP676	—	Yes	1 – 1/2"	1 – 1/2"	1 – 1/2"	50	61
TP678	—	Yes	1 – 3/4"	1 – 3/4"	1 – 1/2"	50	61
TP680	"S", Set 5/8"	—	1 – 1/2"	1 – 1/2", 1 Side	1 – 1/2"	50	70
TP677	"S", Set 5/8"	—	1 – 3/4"	1 – 3/4", 1 Side	1 – 1/2"	50	70

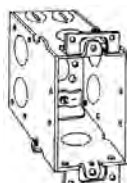
## 3<sup>1</sup>/<sub>2</sub>" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG  
FOR NONMETALLIC CABLE – CLAMPS IN EACH END

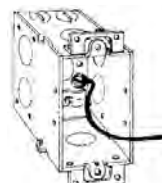
UL LISTED



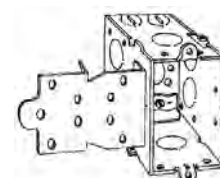
TP236



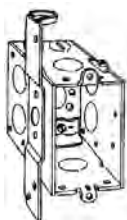
TP238



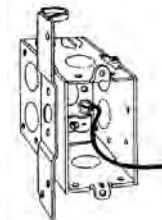
TP239



TP240



TP242



TP243

Cat. #	Bracket	Ground Pigtail	Ears	KNOCKOUTS			Unit Qty.	Wt. Lbs. Per 100
				Each End	Each Side	Bottom		
TP236	—	—	—	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	78
TP238	—	—	Yes	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	80
TP239	—	Yes	Yes	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	81
TP240	"F", Set 1/2"	—	—	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	88
TP242	"S", Set 7/8"	—	—	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	87
TP243	"S", Set 7/8"	Yes	—	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	88

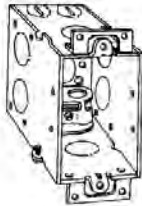
## 3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

2" WIDE x 3" LONG

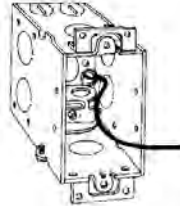
FOR ARMORED & METAL CLAD (MCI) CABLE – CLAMPS IN EACH END

UL LISTED

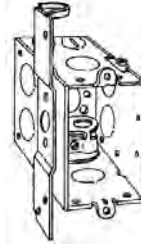
Steel Boxes



TP244



TP249



TP246

### KNOCKOUTS

Cat. #	Bracket	Ground Pigtail	Ears	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP244*	—	—	Yes	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	81
TP249*	—	Yes	Yes	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	82
TP246*	"S", Set 7/8"	—	—	2 – Cable, 1 – 1/2"	2 – 1/2"	1 – 1/2"	25	88

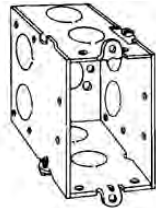
\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MClA (Southwire MCAP™)  
MCAP™ is a registered trademark of Soutwire Company.

## 3 1/2" DEEP – GANGABLE – 18.0 CUBIC INCH CAPACITY

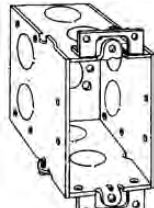
2" WIDE x 3" LONG

FOR CONDUIT – NO CLAMPS

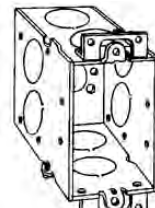
UL LISTED



TP248  
TP250



TP252



TP254

### KNOCKOUTS

Cat. #	Bracket	Ears	Each End	Each Side	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP248	—	—	2 – 1/2"	2 – 1/2"	1 – 1/2"	25	74
TP250	—	—	2 – 3/4"	2 – 3/4"	1 – 1/2"	25	74
TP252	—	Yes	2 – 1/2"	2 – 1/2"	1 – 1/2"	25	76
TP254	—	Yes	2 – 3/4"	2 – 3/4"	1 – 1/2"	25	76

# Steel Gang Boxes

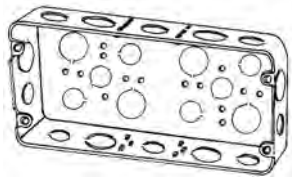


Steel Boxes

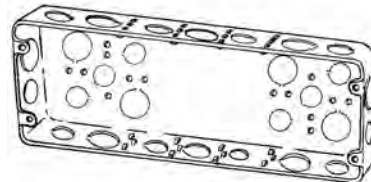
## GANG BOXES

1 5/8" DEEP x 4 1/2" HIGH  
1/2" & 3/4" KOs

UL LISTED



TP630



TP640

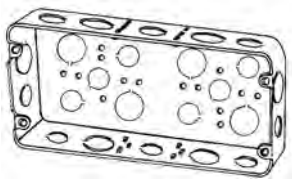
### KNOCKOUTS

Cat. #	Gang	Cubic Inches	Width	Each Side	Each End	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP629	2	45	6 13/16"	2 - 1/2", 2 - 3/4"	1 - 1/2", 1 - 3/4"	3 - 1/2", 2 - 3/4"	5	45
TP630	3	58	8 3/8"	3 - 1/2", 2 - 3/4"	1 - 1/2", 1 - 3/4"	6 - 1/2", 4 - 3/4"	5	58
TP631	4	70	10 7/16"	3 - 1/2", 3 - 3/4"	1 - 1/2", 1 - 3/4"	6 - 1/2", 4 - 3/4"	5	70
TP640	5	85	12 1/4"	4 - 1/2", 3 - 3/4"	1 - 1/2", 1 - 3/4"	6 - 1/2", 4 - 3/4"	1	85
TP641	6	95	14 1/16"	4 - 1/2", 4 - 3/4"	1 - 1/2", 1 - 3/4"	6 - 1/2", 4 - 3/4"	1	95

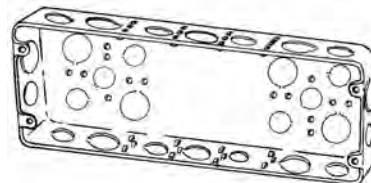
## GANG BOXES

2 1/2" DEEP x 4 1/2" HIGH  
3/4" & 1" KOs

UL LISTED



TP871



TP873

### KNOCKOUTS

Cat. #	Gang	Cubic Inches	Width	Each Side	Each End	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP870	2	71	6 13/16"	2 - 3/4", 1 - 1"	1 - 3/4", 1 - 1"	3 - 1/2", 2 - 3/4"	10	147
TP871	3	90	8 3/8"	4 - 3/4", 1 - 1"	1 - 3/4", 1 - 1"	6 - 1/2", 4 - 3/4"	10	183
TP872	4	110	10 7/16"	2 - 3/4", 2 - 1"	1 - 3/4", 1 - 1"	6 - 1/2", 4 - 3/4"	5	216
TP873	5	132	12 1/4"	3 - 3/4", 2 - 1"	1 - 3/4", 1 - 1"	6 - 1/2", 4 - 3/4"	5	263
TP874	6	150	14 1/16"	3 - 3/4", 3 - 1"	1 - 3/4", 1 - 1"	6 - 1/2", 4 - 3/4"	5	282

## GANG BOX PARTITIONS



TP876



TP877

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP876	For 1 5/8" Deep Box	25	19
TP877	For 2 1/2" Deep Box	50	24



# Steel Gang Box Covers

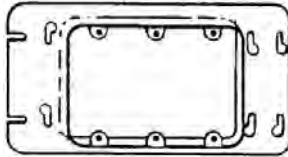


## GANG BOX COVERS

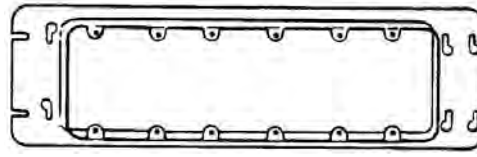
RAISED  $1\frac{3}{16}$ " FOR PLASTER

UL LISTED

Steel Boxes



TP653



TP667

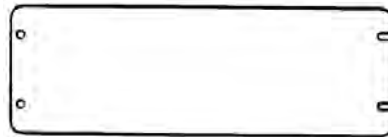
Cat. #	Gang	Length	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP657	2	7"	5	53	8.5
TP653	3	$8\frac{13}{16}$ "	5	60	13.5
TP655	4	$10\frac{5}{8}$ "	5	66	18.3
TP661	5	$12\frac{7}{16}$ "	5	75	23.0
TP667	6	$14\frac{1}{4}$ "	5	85	28.3

## GANG BOX COVERS, FLAT, BLANK

UL LISTED



TP803



TP806

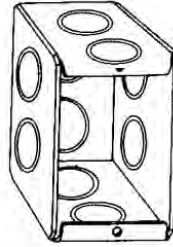
Cat. #	Gang	Length	Unit Qty.	Wt. Lbs. Per 100
TP802	2	7"	5	66
TP803	3	$8\frac{13}{16}$ "	5	85
TP804	4	$10\frac{5}{8}$ "	5	94
TP805	5	$12\frac{7}{16}$ "	1	122
TP806	6	$14\frac{1}{4}$ "	1	132

## MASONRY BOXES

2 1/2" DEEP × 3 3/4" HIGH

1/2" AND 3/4" CONCENTRIC KOs

UL LISTED



TP682

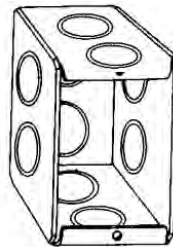
Cat. #	Gang	Width	KNOCKOUTS			Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
			Each Side	Each End	Bottom			
TP682	1	1 15/16"	2	1	2	20	70	15.5
TP683	2	3 3/4"	2	2	4	10	103	31.0
TP684	3	5 9/16"	2	3	6	5	129	46.5
TP685	4	7 3/8"	2	4	8	5	165	62.0
TP686	5	9 3/16"	2	5	10	5	189	77.5
TP687	6	11"	2	6	12	1	230	93.0

## MASONRY BOXES

3 1/2" DEEP × 3 3/4" HIGH

1/2" AND 3/4" CONCENTRIC KOs

UL LISTED



TP690

Cat. #	Gang	Width	KNOCKOUTS			Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
			Each Side	Each End	Bottom			
TP690	1	1 15/16"	2	2	2	20	84	22.0
TP691	2	3 3/4"	2	4	4	10	120	44.0
TP692	3	5 9/16"	2	6	6	10	155	66.5
TP693	4	7 3/8"	2	8	8	5	207	88.0
TP694	5	9 3/16"	2	10	10	5	235	110.0
TP695	6	11"	2	12	12	1	287	132.0

## MASONRY BOX PARTITIONS

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP820	Nonmetallic Partition for 2 1/2" Deep Masonry Boxes	25	3
TP821	Nonmetallic Partition for 3 1/2" Deep Masonry Boxes	25	4

## GANGABLE MASONRY BOXES

UL LISTED

### Features:

- The gangable feature allows the option of creating a multiple gang box from a single gang box by simply removing the combo head screw holding the side with a #2 bit and connecting the two (or more) boxes together re-using the screws
- Non-metallic partitions (ordered separately) install quickly and easily without tools in multi-gang boxes and are used to separate power and control circuits within the same box, as required by the National Electrical Code®

Steel Boxes



### KNOCKOUTS

Cat. #	Width	Each Side	Each End	Bottom	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
<b>2 1/2" DEEP x 3 3/4" HIGH, 1/2" AND 3/4" CONCENTRIC KOs</b>							
TP671	1 15/16"	2	2	2	20	63	15.5
<b>3 1/2" DEEP x 3 3/4" HIGH, 1/2" AND 3/4" CONCENTRIC KOs</b>							
TP675	1 15/16"	2	2	2	20	82	22.0

## GANGABLE MASONRY BOX PARTITIONS

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP654	Nonmetallic Partition for 2 1/2" Deep Gangable Masonry Boxes	25	4
TP656	Nonmetallic Partition for 3 1/2" Deep Gangable Masonry Boxes	25	6

# Steel Octagon Boxes & Ceiling Pans



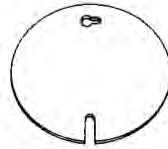
Steel Boxes

## 3 1/4" ROUND CEILING PAN\* – 4.0 CUBIC INCH CAPACITY

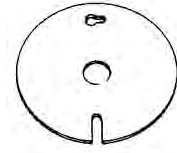
1/2" DEEP  
CLAMPS IN BOTTOM  
FIXTURE RATED  
UL LISTED



TP266



TP270



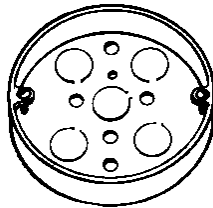
TP272

### KNOCKOUTS

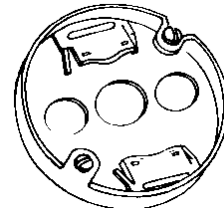
Cat. #	Cable	Conduit	Unit Qty.	Wt. Lbs. Per 100
TP266	4 – Cable	1 – 1/2"	50	30
<b>3 1/4" ROUND COVERS</b>				
TP270	Flat Blank		100	18
TP272	Flat, 1/2" KO in Center		100	18

## 4" ROUND CEILING PANS\* – 6.0 CUBIC INCH CAPACITY

1/2" DEEP  
FIXTURE RATED  
UL LISTED



TP269



TP267

### KNOCKOUTS

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP269	KOs Only	—	5 – 1/2"	50	35
TP267	KOs and Clamps	—	4 – Cable, 3 – 1/2"	50	39

\*Weight limit for 3 1/4" and 4" octagon outlet boxes and ceiling pans is 50lbs for fixture. Not suitable for fans.

# Steel Octagon Boxes & Ceiling Pans

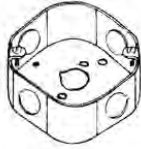


## 3 1/4" OCTAGON OUTLET BOXES\* – 11.5 CUBIC INCH CAPACITY

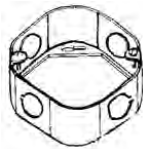
1 1/2" DEEP  
FIXTURE RATED

UL LISTED

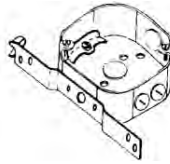
Steel Boxes



TP256



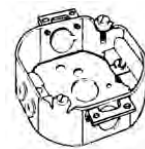
TP258



TP259



TP260



TP264

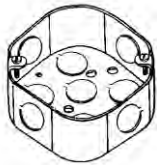
### KNOCKOUTS

Cat. #	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
<b>FOR CONDUIT – NO CLAMPS</b>					
TP256	—	4 – 1/2"	1 – 1/2"	50	41
TP258	Extension Ring	4 – 1/2"	—	50	31
<b>FOR NONMETALLIC CABLE WITH CLAMPS</b>					
TP259	"S" Bracket, Set 1/2"	4 – Cable, 1 – 1/2"	1 – 1/2"	50	53
TP260	—	4 – Cable, 2 – 1/2"	1 – 1/2"	50	44
TP264	Two Screw Ears	4 – Cable, 2 – 1/2"	1 – 1/2"	50	47

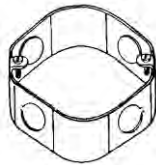
## 4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1 1/2" DEEP  
FOR CONDUIT – NO CLAMPS  
FIXTURE RATED

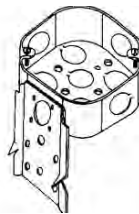
UL LISTED



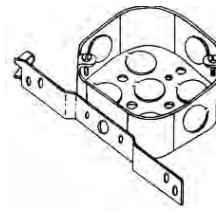
TP274, TP276,  
TP278, TP834\*



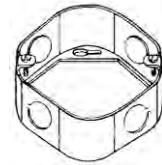
TP273



TP280



TP282



TP284, TP286

### KNOCKOUTS

Cat. #	Description	Sides	Bottom	Unit Qty.	Wt. Lbs. Per 100
TP274	—	4 – 1/2"	5 – 1/2"	50	50
TP273	Blank Bottom	4 – 1/2"	—	50	51
TP276	—	4 – 3/4"	3 – 1/2", 2 – 3/4"	50	50
TP278	—	2 – 1/2", 2 – 3/4"	3 – 1/2", 2 – 3/4"	50	50
TP280	"C" Bracket	4 – 1/2"	5 – 1/2"	50	60
TP282	"S" Bracket, Set 1/2"	3 – 1/2"	5 – 1/2"	50	58
<b>Air Plenum</b>					
TP834*	For Air Plenum	4 – 1/2"	5 – 1/2"	50	52
<b>OCTAGON EXTENSION RINGS – (SLOT &amp; KEY PERMIT MOUNTING WITHOUT REMOVING BOX SCREWS)</b>					
TP284‡	—	4 – 1/2"	—	50	36
TP286‡	—	2 – 1/2", 2 – 3/4"	—	50	36

\*For Air Plenum (No Mounting Holes) - Not UL Listed

† Weight limit for 3 1/4" and 4" octagon outlet boxes and ceiling pans is 50lbs for fixture. Not suitable for fans

‡ CSA Certified

# Steel Octagon Boxes & Ceiling Pans



Steel Boxes

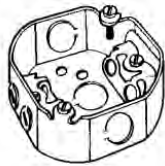
## 4" OCTAGON OUTLET BOXES† – 15.5 CUBIC INCH CAPACITY

1½" DEEP

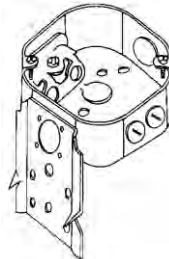
FOR ARMORED & METAL CLAD (MCI) CABLE – CLAMPS IN EACH END

FIXTURE RATED

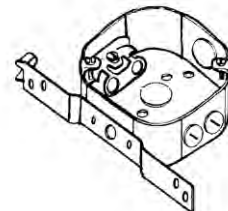
UL LISTED



TP310



TP312



TP314

### KNOCKOUTS

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP310*	—	4 – Cable, 2 – ½"	1 – ½"	50	57
TP312*	"C" Bracket	4 – Cable, 2 – ½"	1 – ½"	50	66
TP314*	"S" Bracket, Set ½"	4 – Cable, 1 – ½"	1 – ½"	50	64

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™) MCAP™ is a registered trademark of Soutwire Company.

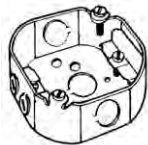
## 4" OCTAGON OUTLET BOXES – 15.5 CUBIC INCH CAPACITY

1½" DEEP

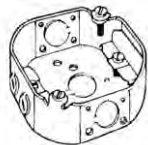
FOR NONMETALLIC CABLE – WITH CLAMPS

FIXTURE RATED

UL LISTED



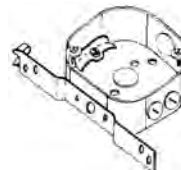
TP298



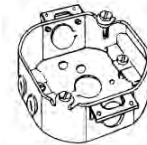
TP300



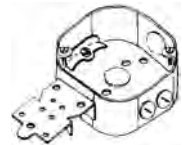
TP302



TP304



TP306



TP308

### KNOCKOUTS

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP298	—	4 – Cable, 2 – ½"	1 – ½"	50	56
TP300	With Side Nail Holes	4 – Cable, 2 – ½"	1 – ½"	50	55
TP302	"C" Bracket	4 – Cable, 2 – ½"	1 – ½"	50	65
TP304	"S" Bracket, Set ½"	4 – Cable, 1 – ½"	1 – ½"	50	64
TP306	Two Screw Ears	4 – Cable, 2 – ½"	1 – ½"	50	58
TP308	"F" Bracket, Set ½"	4 – Cable, 1 – ½"	1 – ½"	50	64

# Steel Octagon Boxes & Ceiling Pans



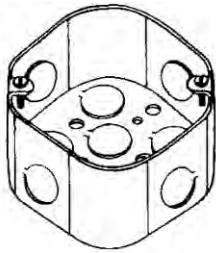
Steel Boxes

## 4" OCTAGON OUTLET BOXES – 21.5 CUBIC INCH CAPACITY

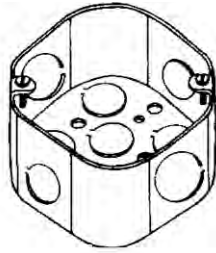
2 1/8" DEEP  
FOR CONDUIT – NO CLAMPS

FIXTURE RATED

UL LISTED



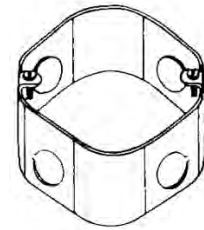
TP288, TP290, TP294



TP292, TP838\*



TP292RED



TP339

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
TP288	—	4 – 1/2"	3 – 1/2", 2 – 3/4"	25	64
TP288PF†	—	4 – 1/2"	3 – 1/2", 2 – 3/4"	25	64
TP290	—	4 – 3/4"	3 – 1/2", 2 – 3/4"	25	64
TP290PF†	—	4 – 3/4"	3 – 1/2", 2 – 3/4"	25	64
TP292	—	2 – 1/2", 2 – 3/4"	3 – 1/2", 2 – 3/4"	25	64
TP292PF†	—	2 – 1/2", 2 – 3/4"	3 – 1/2", 2 – 3/4"	25	64
TP292RED	—	2 – 1/2", 2 – 3/4"	3 – 1/2", 2 – 3/4"	25	64
TP294	—	4 – 1"	3 – 1/2", 2 – 3/4"	25	64
TP339	Blank Bottom	4 – 1/2"	—	25	65
<b>Air Plenum</b>					
TP838*	Plenum	2 – 1/2", 2 – 3/4"	3 – 1/2", 2 – 3/4"	25	62

\*For Air Plenum (No Mounting Holes) - Not UL Listed

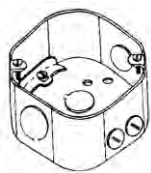
†TP catalog numbers ending in PF includes ground screw with pigtail lead

## 4" OCTAGON OUTLET BOXES – 21.5 CUBIC INCH CAPACITY

2 1/8" DEEP – WITH CABLE CLAMPS

FIXTURE RATED

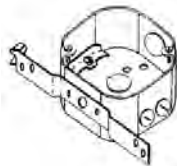
UL LISTED



TP316



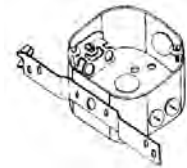
TP318



TP320



TP317



TP338

Cat. #	Description	KNOCKOUTS		Unit Qty.	Wt. Lbs. Per 100
		Sides	Bottom		
<b>FOR NONMETALLIC CABLE</b>					
TP316	—	4 – Cable, 2 – 1/2"	1 – 1/2"	25	68
TP318	"C" Bracket	4 – Cable, 2 – 1/2"	1 – 1/2"	25	88
TP320	"S" Bracket, Set 1/2"	4 – Cable, 1 – 1/2"	1 – 1/2"	25	81
<b>FOR ARMORED &amp; METAL CLAD (MCI) – CABLE-CLAMPS IN EACH END</b>					
TP317*	—	4 – Cable, 2 – 1/2"	1 – 1/2"	25	69
TP338*	"S" Bracket, Set 1/2"	4 – Cable, 1 – 1/2"	1 – 1/2"	25	82
TP338PF†	"S" Bracket, Set 1/2"	4 – Cable, 1 – 1/2"	1 – 1/2"	25	82

†TP catalog numbers ending in PF includes ground screw with pigtail lead

\*UL approved for use with aluminum interlocking grounding metal clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.



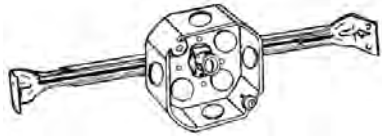
## 4" OCTAGON BOX AND ADJUSTABLE BAR SETS – 15.5 CUBIC INCH CAPACITY

1½" DEEP BOX SETS

FIXTURE RATED

UL LISTED

Weight Limits: 35 lbs. at 16", 15 lbs. at 24"



TP372



TP377



TP367

Cat. #	Stud Spacing	Stud	Unit Qty.	Wt. Lbs. Per 100
<b>FOR CONDUIT – NO CLAMPS</b>				
TP372*	16" – 24"	Yes	25	85
<b>FOR NONMETALLIC CABLE – WITH CLAMPS</b>				
TP377	16" – 24"	—	25	102
<b>FOR ARMORED &amp; METAL CLAD (MCI) CABLE – CLAMPS IN EACH END</b>				
TP367	16" – 24"	Yes	25	100
TP367PF†	16" – 24"	Yes	25	100

\*4" Octagon Box and Adjustable Bar Sets have ½" KOs for conduit

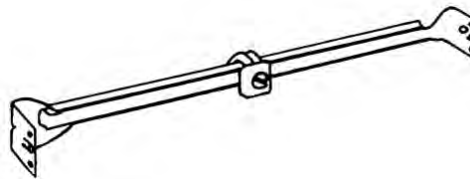
†TP catalog numbers ending in PF includes ground screw with pigtail lead

## ADJUSTABLE BAR HANGERS

HOLDING PRONG . . . HOLDS BOX IN PLACE FOR NAILING – DESIGN RESISTS BENDING AND TWISTING – TP354 AND TP356 HAVE LOCKING TABS TO HOLD BAR IN POSITION

UL LISTED

Weight Limits: 50 lbs. at 16", 21 lbs. at 24".



TP356

Cat. #	Stud Spacing	Length	Stud	Unit Qty.	Wt. Lbs. Per 100
TP356	16" & 24"	14" – 22½"	—	50	41

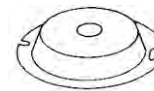
## 4" OCTAGON BOX COVERS – CUBIC CAPACITY (SEE BELOW)

### UL LISTED


**TP322  
TP853\***

**TP323**

**TP326, TP331,  
TP332, TP333**

**TP328**

**TP330**

**TP329**

**TP335**

**TP334**

**TP336**

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>TP322†</b>	Flat Blank – Octagon Shape	—	50	22
<b>TP323†</b>	Flat Blank – Round Shape	—	50	24
<b>TP333</b>	Raised 1", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	7.0	25	30
<b>TP332</b>	Raised 1/2", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	3.3	50	22
<b>TP326</b>	Raised 5/8", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	3.8	50	20
<b>TP331</b>	Raised 3/4", Open With Ears 2 <sup>3</sup> / <sub>4</sub> "	5.0	50	26
<b>TP328†</b>	Flat With 1/2" KO – Octagon Shape	—	50	22
<b>TP330</b>	Raised 5/8", With 1/2" KO	3.8	50	31
<b>TP329†</b>	Flat With 1/2" KO – Round Shape	—	50	24
<b>TP335</b>	Flat, For Toggle Switch	—	50	23
<b>TP334‡</b>	Flat, Single Receptacle 1 <sup>13</sup> / <sub>32</sub> "	—	50	21
<b>TP336</b>	Flat, For Duplex Receptacle	—	50	18

#### Air Plenum

**TP853\*‡** Flat, Blank With PVC Gasket

\*For Air Plenum (No Mounting Holes)

†CSA Certified

‡ Not UL Listed

## FLEXIBLE FIXTURE HANGERS

Cooper Crouse-Hinds TPRFH flexible fixture hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

### Features and Benefits:

- Suitable for use with 1/2" or 3/4" fixture conduit stems these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction. Maximum swing angle is 26° from vertical max slope angles 22 1/2°
- Available for attachment to round or octagonal steel boxes.
- Quickly and easily attached by two screws.
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" – 1/2" reducer for 1/2" conduit stem applications.

### Standard Materials and Finishes:

- Material: Sheet Steel
- Finish: Zinc Chromate for corrosion resistance



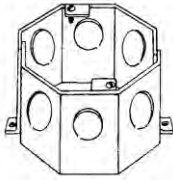
Description	Support Wt. (lbs)	Cat. #
For use with 4" Round or Octagon Boxes	50	<b>TPRFH12</b>

### Certifications and Compliances:

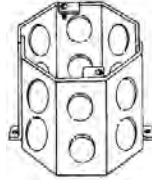
- UL Listed – UL 1598
- CSA C22.2 No. 250
- Suitable for Damp Locations

## 4" OCTAGON CONCRETE BOXES AND HUNG CEILING BOXES\*

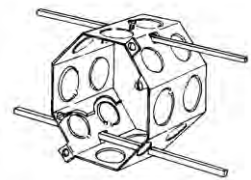
UL LISTED



TP620, TP622, TP628



TP635, TP636, TP644



TP623, TP624  
(bars not included)

Steel Boxes

Cat. #	Depth	KNOCKOUTS	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP620	2"	1/2" & 3/4" Single Row	25	60	23.0
TP622	2 1/2"	1/2" & 3/4" Single Row	25	72	29.0
TP628	3"	1/2" & 3/4" Single Row	20	85	35.0
TP634	3"	1" & 3/4" Single Row	20	77	30.3
TP635	3 1/2"	1/2" Double Row	20	93	43.0
TP636	3 1/2"	1/2" & 3/4" Double Row	20	93	43.0
TP639	3 1/2"	1" & 3/4" Double Row	20	89	41.0
TP642	4"	1" & 3/4" Double Row	20	106	47.0
TP644	4"	1/2" & 3/4" Double Row	20	113	47.0
<b>HUNG CEILING BOXES (WITH TP650 COVER, ORDER BARS SEPARATELY)</b>					
TP623	3 1/2"	1/2" Double Row	20	93	43.0
TP624	3 1/2"	1/2" & 3/4" Double Row	20	93	43.0

\*Weight limit for 4" octagon concrete boxes is 50lbs. Not suitable for fans.  
†Not UL Listed

## 4" FAN RATED OCTAGON CONCRETE BOX UL LISTED



TP643



### Applications:

- Octagon concrete boxes are used in poured deck applications.
- Typical construction includes high-rises, apartments, condominiums and restaurants with outdoor dining areas.
- They are installed on wooden or steel forms and concrete poured around.
- Upon removal of the forms the box is flush with the concrete.
- It is common, and continuing to become even more so, to have ceiling fans mounted to these boxes. Because of the additional mounting support boss this new box is suitable for use with fans of up to 70 pounds and fixtures up to 90 pounds.

### Features:

1. The TP643 fan rated concrete box is made from two piece welded construction and is supplied with two rows of 1/2" & 3/4" dedicated KO's.
2. The box is also supplied with two external mounting ears which are used to secure the box to the forms.
3. The fan (or fixture) is held securely in place by the two 10-32 x 1 1/2" long pan head screws and lock washers. The screws attach to the specially designed boss.
4. There are two 8-32 x 1/2" screws provided for attachment of a box plate/cover (TP648, TP649, or TP650 – ordered separately).
5. Mounting support boss & locknuts allows the TP643 box to be used with fans of up to 70 pounds and fixtures up to 90 pounds.

Cat. #	Depth	KNOCKOUTS	Unit Qty.	Wt. Lbs. Per 100	Capacity Cu. In.
TP643	4"	1/2" & 3/4"	20	102	46.0

## CONCRETE BOX PLATES

UL LISTED



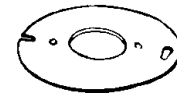
TP648



TP649



TP650



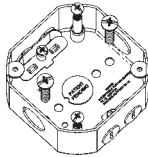
TP652

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP648	No Stud 3 - 1/2" & 2 - 3/4" KOs	50	28
TP649	Flat, Blank	50	28
TP650	3/8" Stud 2 - 1/2" & 2 - 3/4" KOs	50	33
TP652	Single Receptacle	50	24

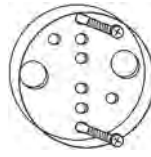
## CEILING FAN BOXES AND SUPPORTS- CUBIC INCH CAPACITY (SEE BELOW)

### UL LISTED

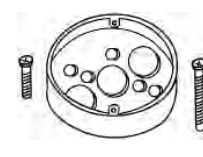
Weight Limits: TP261 – 35 lbs. max. for fans, 50 lbs. max. for fixture. TP301 – Fan is supported independent of outlet box, mounting screws go through box and into joist. Box will support fans up to 70 lbs. and fixtures up to 90 lbs. TP275 – 70 lbs. max. for fans, 90 lbs. max for fixtures.



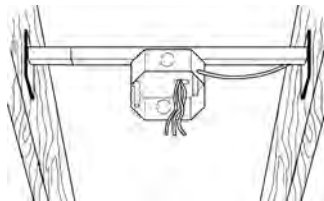
TP275



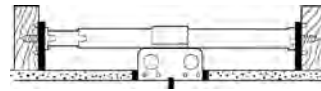
TP261



TP301



TP315



TP379

### KNOCKOUTS

### WEIGHT LIMITS

Cat. #	Description	Stud Spacing	Cubic In. Capacity	Knockouts		Unit Qty.	Wt. Lbs. Per 100	Weight Limits	
				Sides	Bottom			Fans	Fixtures
TP275	1 1/2" Deep, Clamps and Mounting Screws (polybagged)	—	15.5	4 – Cable, 2 – 1/2"	1 – 1/2"	20	66.6	70 lbs.	90 lbs.
TP315†	Fan Box with New Work Bar Hanger	16" – 24"	15.5	2 – 1/2"	2 – 1/2"	12	192	35 lbs.	50 lbs.
TP379	1 1/2" Deep with Fan Brace Old Work Bar Hanger	16" – 24"	15.5	4 – 1/2"	2 – 1/2"	12	207	35 lbs.	50 lbs.
TP261	5/8" Deep with External Clamp and Mounting Screws (polybagged)	—	8.0	—	2 – 1/2"	20	50	35 lbs.	50 lbs.
TP301*	1/2" Deep, 4" Round, with NM Snap-In Connector, mtg. screws, Protective Cover (no bag)	—	6.8	—	3 – 1/2"	20	51	70 lbs.*	90 lbs.*

\*TP301 fan is supported independent of outlet box

†TP315 comes with Romex clamp installed on one side. The other 3 sides have a 1/2" KO, a bagged MC clamp and screw and a bagged plastic NM connector

## CEILING FAN BOXES – PVC

### UL LISTED

Weight Limits: Fans and fixtures are supported independent of outlet box. Mounting screws go through box and into joist. Box will support up to 70 lbs. for fans and 90 lbs. for fixtures. Provided with Romex connector



TP1300

Cat. #	Description	Capacity Cu. In.	Knockouts	Integral Clamp	Unit Qty.	Wt. Lbs. Per 100
TP1300	4 <sup>1</sup> / <sub>16</sub> " diam., 1/2" deep pan section, 4" deep overall – with mtg. hardware & external clamp, protective cover	14.0	3 – 1/2"	1	24	34

## NONMETALLIC CEILING FAN BOXES

### 2<sup>3</sup>/<sub>16</sub>" DEEP

### UL LISTED

With clamps for nonmetallic cable.  
All mounting hardware supplied, suitable for support of fans weighing up to 35 lbs.



TP16511

### Features:

- Made of heavy-duty, engineered thermoplastic material
- Offers the labor-saving feature of quick entry and integral clamping
- Eliminates the need to use a screwdriver to break open pry-outs
- The easy access entry-point serves as a wire clamp, eliminating time required to mechanically secure the wire to the box

Cat. #	Diameter	Mounting Method	Capacity Cu. In.	No. of Clamp Openings	Unit Qty.	Wt. Lbs. Per 100
TP16511	4"	Nails only	22.5	6	25	21

## GROUNDING DEVICES

### GROUNDING SCREW AND PIGTAIL



TP711



TP701



TP704

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP701	Grounding Screw with 8" Insulated No. 12 Stranded Wire	1000	1000	2
TP711	Grounding Screw with 8" Insulated No. 12 Copper Wire	1000	1000	2
TP704	#10-32 x 3/8" Grounding Screw	1000	1000	.5

### GROUNDING CLIP



TP706

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP706	For Grounding Switch & Outlet Boxes Using Nonmetallic Sheathed Cables No. 14 & No. 12, with Grounding Wire	1000	100	.5

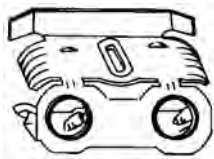
### OLD WORK CLIP



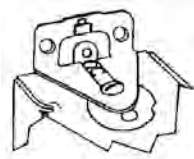
TP651

Cat. #	Description	Std. Pkg.	Unit Qty.	Wt. Lbs. Per 100
TP651	Clips lock old-work steel switch boxes tightly to wall. Two required per box.	250 sets	25 sets	4

### REPLACEMENT PARTS



TP900



TP901



TP902

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP900	MC-BX Clamp with Screws	200	17.3
TP901	One Screw Mounting Ear with Screws	200	3.2
TP902	Two Screw Mounting Ear with Screws	200	2.7

### LOW PROFILE MOUNTING SCREWS

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>LOW PROFILE SCREWS - REDUCES RISK OF SHEETROCK BULGE</b>				
TP710	L.P. Screws	—	1000	.5

Steel Boxes



## HOLD-IT SWITCH BOX SUPPORTS

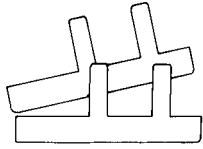


FIG. 1



FIG. 2

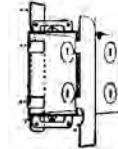


FIG. 3

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP708	Two metal holders for mounting old-work switch boxes in all types of wall materials	500 Sets	5

## SWITCH BOX EXTENSION



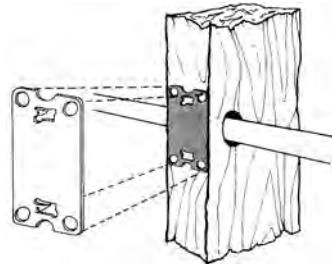
TP709

Cat. #	Description	Unit Qty.	Capacity Cu. In.	Wt. Lbs. Per 100
TP709*	Fits snugly inside all 3" x 2" width boxes. Maximum adjustable depth 7.8". Furnished with mounting screws.	50	3.5	13

\*Not UL Listed

## P-300 STEEL STUD SAFETY PLATE

- Meets requirement of National Electric Code
- Same size as face of stud
- No nails required
- Protects electrical cable and copper water pipes



Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP659	2" x 3 1/2" Steel Plate	100	11

## "BACK TO BACK" BOX CONNECTOR – ZINC DIE CAST



### Applications:

For use as a short raceway between two boxes

Cat. #	Size	Unit Qty.	Wt. Lbs. Per 100
5050	1/2"	25	8



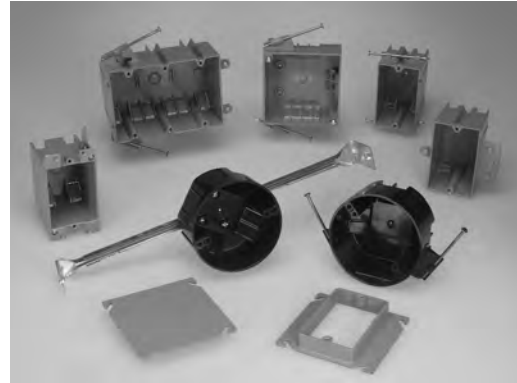
## Applications:

Cooper Crouse-Hinds nonmetallic switch and outlet boxes are used:

- In branch circuit wiring as a splice point
- To mount wiring devices such as switches and receptacles
- To provide mechanical protection for wiring systems and electrical devices

## Features:

- Available for use with wood or metal studs to meet any construction preference
- Quick entry feature on all nonmetallic boxes offers labor savings – no need to break out knockouts – simply push the nonmetallic cable into the box. No tools are required. No need to remove knockouts.
- Unique configuration of this quick entry feature on single gang boxes provides a self-feeding feature that eliminates the need to reach inside the box to pull the wire out.
- Integral labor saving clamping feature on two, three & four gang boxes. The multiple gang box unique entry also serves as a clamp, eliminating the need to mechanically secure the cable inside the box. There are no separate clamps or screws to install or tighten. Each entry into the multiple gang boxes has the quick entry feature allowing the installer to simply push the cable into the box without the need for tools or removal of knock-outs, so the cable can be inserted where it is required.



## Certifications and Compliances:

- UL Listed File No. E102328
- Classified for use in fire rated (2 HR) wall or ceiling. Fire Rating No. R9933.

## Standard Materials:

- PVC-Polyvinyl Chloride compound

## SWITCH BOXES – ANGLED NAILS

### UL LISTED



**TP1600**



**TP1800**



**TP2000**



**TP2300**

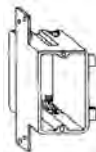
Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP1600	Nails	16.0	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	100	21
TP1800	Speed-Mount & Nails	18.0	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>4</sub> "	100	23
TP1802	Nails	18.0	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>4</sub> "	100	20
TP2000	Nails	20.3	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>16</sub> "	100	25
TP2002	Speed-Mount & Nails	20.3	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>8</sub> "	100	21
TP2300	Nails	22.5	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>7</sup> / <sub>16</sub> "	50	27
TP2302	Speed-Mount & Nails	22.5	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>7</sup> / <sub>16</sub> "	50	23

## SWITCH BOXES – INTEGRAL CLAMPS

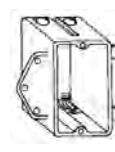
### UL LISTED



**TP1690**  
(Old Work)



**TP2020**  
(For Wood or Metal Studs)

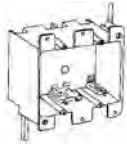


**TP2030**  
(For Wood or Metal Studs)

Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP1832	Speed-Mount & Bracket	18.0	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>4</sub> "	100	18
TP1690	Swing Clips & Integral Clamps	16.0	3 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>16</sub> "	2 <sup>3</sup> / <sub>4</sub> "	50	20
TP2020	Side Bracket (5/8" offset)	20.3	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>16</sub> "	50	24
TP2030	Face Bracket (1/2" offset)	20.3	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>16</sub> "	50	24
TP2332	Speed-Mount & Bracket	22.5	3 <sup>11</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>4</sub> "	3 <sup>7</sup> / <sub>16</sub> "	50	23

## 3" DEEP SWITCH BOXES – TWO GANG

UL LISTED



**TP3490**  
(Old Work)



**TP3600**



**TP3630**



**TP3635**

PVC Boxes

Cat. #	Bracket or Nails	Capacity Cu. In.	H	W	D	Unit Qty.	Wt. Lbs. Per 100
TP3490	Swing Clips	34.0	3 <sup>9</sup> / <sub>16</sub> "	4"	3 <sup>3</sup> / <sub>16</sub> "	25	29
TP3600	Nails	36.0	3 <sup>3</sup> / <sub>4</sub> "	4"	3"	25	37
TP3602	Speed-Mount & Nails	36.0	3 <sup>7</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>6</sub> "	25	34
TP3630*	Brackets	36.0	3 <sup>3</sup> / <sub>4</sub> "	4"	3"	25	37
TP3632	Speed-Mount & Brackets	36.0	3 <sup>7</sup> / <sub>8</sub> "	3 <sup>7</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>6</sub> "	25	32
TP3635*	Brackets & Nails	36.0	3 <sup>3</sup> / <sub>4</sub> "	4"	3"	25	39

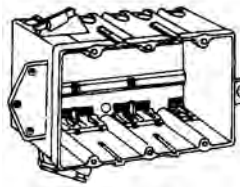
\*Face Bracket on PVC Boxes are offset 1/2" unless stated otherwise

## 2<sup>11</sup>/<sub>16</sub>" DEEP SWITCH BOXES – THREE GANG

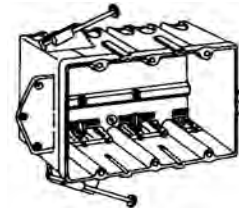
UL LISTED



**TP4600**



**TP4630**



**TP4635**

Cat. #	Bracket or Nails	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP4600	Nails	46.0	20	45
TP4602	Speed-Mount & Nails	54.0	20	42
TP4630*	Brackets	46.0	20	43
TP4632	Speed-Mount & Brackets	54.0	20	40
TP4635*	Brackets & Nails	46.0	20	46

## 2<sup>11</sup>/<sub>16</sub>" DEEP SWITCH BOXES – FOUR GANG

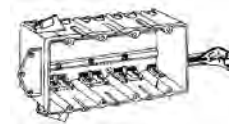
UL LISTED



**TP6100**



**TP6135**



**TP6180**

Cat. #	Bracket or Nails	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP6100†	Nails	61.0	4	65
TP6102	Speed-Mount & Nails	72.0	4	53
TP6132	Speed-Mount & Bracket	72.0	4	51
TP6135*†	Nails & Brackets	61.0	4	66
TP6180*†	Nails, Brackets & Bar Support	61.0	4	87

\*Face Bracket on PVC Boxes are offset 1/2" unless otherwise stated

†Not 2-Hour Fire Rated

## LOW VOLTAGE PARTITION – TWO, THREE OR FOUR GANG PVC

PVC Boxes



TP1000

Cat. #	Bracket or Nails	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP1000	—	—	20	3

## Far Side Support – For use with Speed-Mount™ Switchboxes



### Applications:

- Far Side Support is designed for use with Speed-Mount™ switchboxes used with either wood or metal studs to provide a quick, easy economical way for far side support.

### How to use:

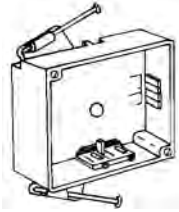
- The multi-gang Speed-Mount™ boxes have a molded-in-hole in the back for attaching the TPFSS. The molded-in-hole has two flats as you look at the back of the box. There are also two flats on the TPFSS. To install, simply align the flats and push the TPFSS into the hole. Turn ¼ turn to lock into place.
- The TPFSS is designed for use with steel studs with a depth of 3/8". For use with 2 × 4 wood studs, simply break off the tip at the notch of the TPFSS using a pair of pliers.

Cat. #	Capacity Cu. In.	Description	Bracket or Nails	Unit Qty.
TPFSS	—	—	—	100

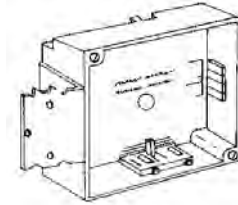
## 4" SQUARE WITH INTEGRAL CLAMPS – 20.3 CUBIC INCH CAPACITY

1<sup>5</sup>/<sub>8</sub>" DEEP

UL LISTED



TP1900



TP1930

PVC Boxes

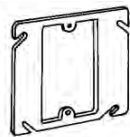
Cat. #	Bracket	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP1900	—	20.3	50	26
TP1930	"F" Bracket	20.3	50	40

## 4" SQUARE PVC DEVICE COVERS

UL LISTED



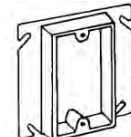
TP1009



TP1010



TP1020



TP1013, TP1014



TP1023, TP1024

Cat. #	Raised	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
TP1009	—	—	50	9
TP1010	—	—	50	6
TP1020	—	—	50	4
TP1013	1/2"	3.8	50	8
TP1014	5/8"	4.8	50	8
TP1023	1/2"	5.8	50	8
TP1024	5/8"	7.0	50	8

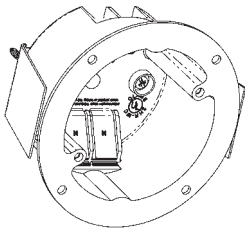
## 3 1/2" NONMETALLIC CEILING BOXES

2 7/8" DEEP

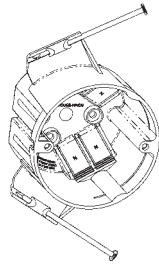
UL LISTED

Weight limit is 50 lbs for fixture except where indicated.

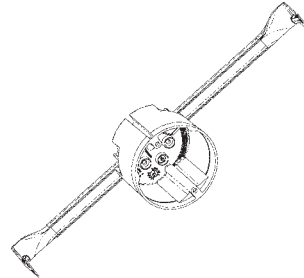
Fan support or fixture support



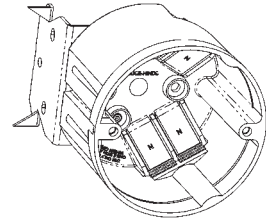
**TP16200,**  
**(TP16201 – 2 7/8" Deep)**  
Old Work



**TP16310**  
**TP16311**



**TP16307**  
**TP16308**



**TP16317**  
**TP16318**

Cat. #	Clamps	Ground Plate	Bracket/Bar Hgr.	Capacity Cu. In.	No. of Clamp Openings	Std. Unit Pkg.	Wt. Lbs. Per 100
TP16200†	Yes	—	Snap	16.0	4	50	27
TP16201†	Yes	Yes	Snap	16.0	4	50	29
TP16310*	Yes	—	Nails	19.3	4	50	18
TP16311*	Yes	Yes	Nails	19.3	4	50	20
TP16307*‡	Yes	—	14"–22–1/2"	19.3	4	25	57
TP16308*‡	Yes	Yes	14"–22–1/2"	19.3	4	25	59
TP16317*	Yes	—	"B"	19.3	4	50	26
TP16318*	Yes	Yes	"B"	19.3	4	50	20

\*Nail Bracket is set 1 1/8" back from the face of the box.

† Weight limit 15lbs for ceiling mounted fixtures and 6lbs for wall mounted fixtures.

‡ Weight limit 15lbs at 24" stud spacing, 35lbs at 16" stud spacing.

## LAMPHOLDER



**TP16099**

### Standard Materials:

- Plastic molded of heat and impact resistant material that prevents discoloring and reduces breakage

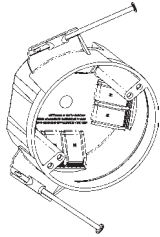
Cat. #	Description	Std. Unit Pkg.	Wt. Lbs. Per 100
TP16099	Lamp holder, Keyless, feed thru	50	23



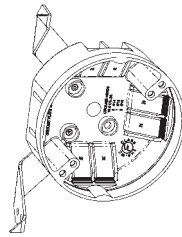
## 4" NONMETALLIC CEILING BOXES

### UL LISTED

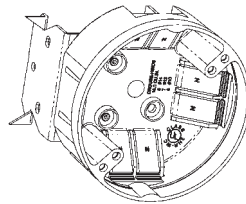
Weight limit is 50 lbs for fixture except where indicated



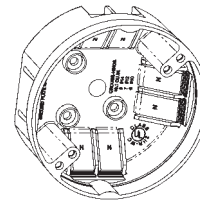
TP16111, TP16110



TP16012, TP16112



TP16007, TP16107



TP16002



TP16022, TP16023

Ceiling Boxes

Cat. #	Clamps	Ground Plate	Bracket/Bar Hgr.	Capacity Cu. In.	No. of Cable Pry-outs	Std. Unit Pkg.	Wt. Lbs. Per 100
<b>1½" DEEP</b>							
TP16002	Yes	—	—	14.8	4	50	12
TP16003	Yes	Yes	—	14.8	4	50	14
TP16012	Yes	—	"V"	14.8	4	50	24
TP16007	Yes	—	"B"	14.8	4	50	26
TP16008	Yes	Yes	"B"	14.8	4	50	28
TP16022*	Yes	—	14"-22-1/2"	14.8	4	25	56
TP16023*	Yes	Yes	14"-22-1/2"	14.8	4	25	58
<b>2¼" DEEP</b>							
TP16111	Yes	—	Nails	20.3	4	50	19
TP16110	Yes	Yes	Nails	22.5	4	50	21
TP16112	Yes	—	"V"	20.8	4	50	27
TP16113	Yes	Yes	"V"	20.8	4	50	29
TP16107	Yes	—	"B"	20.8	4	50	28
TP16108	Yes	Yes	"B"	20.8	4	50	30
TP16122*	Yes	—	14"-22-1/2"	20.8	4	20	59
TP16123*	Yes	Yes	14"-22-1/2"	20.8	4	20	61

\*Weight limit 15 lbs at 24" stud spacing, 35 lbs at 16" stud spacing.

## NONMETALLIC CEILING FAN BOXES

### 2<sup>3</sup>/<sub>16</sub>" DEEP

### UL LISTED

With clamps for nonmetallic cable.

All mounting hardware supplied, suitable for support of fans weighing up to 35 lbs.

Made of heavy-duty, engineered thermoplastic material

Offers the labor-saving feature of quick entry and integral clamping

Eliminates the need to use a screwdriver to break open pry-outs

The easy access entry-point serves as a wire clamp, eliminating time required to mechanically secure the wire to the box



TP16511

Cat. #	Diameter	Mounting Method	Capacity Cu. In.	No. of Clamp Openings	Unit Qty.	Wt. Lbs. Per 100
TP16511	4"	Nails only	22.5	6	25	21

## CEILING FAN BOXES – PVC

### UL LISTED

Weight Limits: Fans and fixtures are supported independent of outlet box. Mounting screws go through box and into joist. Box will support up to 70 lbs. for fans and 90 lbs. for fixtures. Provided with Romex connector



TP1300

Cat. #	Description	Capacity Cu. In.	Knockouts	Integral Clamp	Std. Unit Pkg.	Wt. Lbs. Per 100
TP1300	4 <sup>1</sup> / <sub>16</sub> " diam., 1/2" deep pan section, 4" deep overall – with mtg. hardware & external clamp, protective cover	14.0	3 – 1/2"	1	24	34

## ROUND BLANK COVER – PVC

4<sup>3</sup>/<sub>4</sub>" DIA.  
(FOR 3<sup>1</sup>/<sub>2</sub>" AND 4" ROUND CEILING BOXES)



TP1040, TP1045

Cat. #	Color	Screws	Std. Unit Pkg.	Wt. Lbs. Per 100
TP1040	Gray	—	100	10
TP1045*	White	White	100	12

\*TP1045 includes two white-headed wood and two #8-32" machine screws.

## PRE-formance™

### Giving you the convenience of a pre-fabricated product-plus the flexibility to accommodate job-site requirements.

Contractors are continually looking for ways to improve job site efficiency and properly align skilled resources to meet tight commercial construction project deadlines. PRE-formance™ delivers the pre-engineered & pre-assembled combination of mounting method, outlet box, plaster ring, devices and leads to simplify branch wiring installation.



PRE-formance™

### Certifications and Compliances:

- UL Listed and cUL Listed



### Basic

- Available with the most popular drawn & welded boxes with ground screw and pigtail lead already installed
- Patented Uni-mount™ cover combines plaster ring & mounting method
- Standard Pre-fabricated assemblies with mounting brackets, boxes, mud rings, ground screw and pigtail leads
- Available from stock



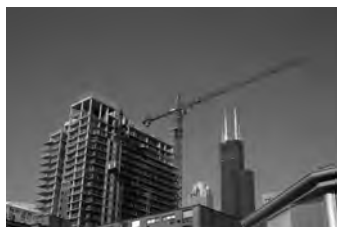
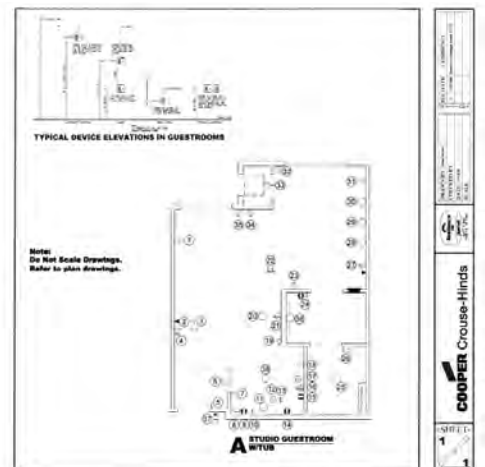
### Custom

- Cafeteria style selection of Cooper Crouse-Hinds extensive line of mounting brackets, boxes, plaster rings, wiring devices, push-in connectors, and other associated branch wiring accessories
- Assembled-to-order pre-fabricated products for both AC/MC & EMT applications
- Can be ordered with devices, customer specified connectors and cable whips attached to suit almost any customer application
- Assembled from stock components to meet tight job requirements



### Complete

- The most complete turn-key solution for commercial construction projects. The process begins with your architectural and electrical engineering drawings and delivers a total pre-fabricated branch wiring system: custom produced, labeled, packaged by room and floor, and delivered to your exact location.
- Ideal for hotel projects, assisted living facilities, dormitories, barracks and office buildings
- Job specific labeling included with every cable run indicates starting position, ending position, device and mounting type, cable size, length, path, drawing number and date
- Safe, secure transmission of drawings to secure file exchange server where our technical team completes a preliminary take-off analysis.
- Innovative PRE-formance products are designed by contractors for contractors to give you the ease of wiring & job site flexibility to get the job done right & on-time!
- Includes mounting brackets & open back boxes that are designed with pre-fabrication, productivity & job site speed in mind.
- Contractors can realize 30 to 40% labor savings over traditional "stick-build" wiring methods for greatly improved jobsite efficiency



For more information on all PRE-formance products or how to submit drawings for quotation, please email [CCHPREformance@cooperindustries.com](mailto:CCHPREformance@cooperindustries.com) or call 315-477-5592

### Uni-Mount™ Assemblies

Cooper Crouse-Hinds Pre-Fabricated Boxes take labor savings to a whole new level! Includes the Uni-Mount™ cover attached to a 4" square box with ground screw and lead installed.

**Step 1** – Receive Uni-Mount™ Pre-Fabricated Box (Includes Uni-Mount cover attached to box with ground screw + lead installed)

**Step 2** – Attach to wood or metal stud. You're done!



PRE-formance™

UL and cUL Listed



UL File No. E-23156

### Pre-Fabricated Box Features:

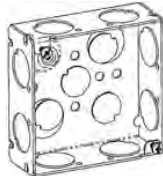
- Uni-Mount provides a secure box support and features a built-in plaster ring
- Can be field assembled with outlet box for power applications or used without a box for low voltage applications
- Pre-fabricated Uni-Mount is available with most popular outlet boxes with a choice of 1/2", 5/8" or 3/4" raised cover and includes ground screw and lead
- Rigid bracket design eliminates the need for far-side support
- Guide tabs ensure alignment on studs

### Uni-Mount Features:

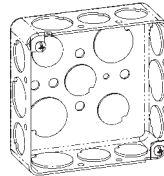
- Uni-Mount combines the features of a mounting device plate with those of a box support; giving you one universal plate for all of your needs. Specifically designed for use with metal or wood studs.
- New and improved Uni-Mount incorporates four small holes on the left side (support side) of the bracket. These holes allow for the attachment of box mounting brackets to allow for use of both sides of the stud. The holes are strategically located to accept either the B-Line BB423 bracket. Additionally, the viewing hole has been significantly enlarged (and is now diamond shaped) to make it even easier to find mark lines on the stud.



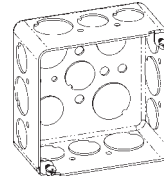
**TP404**  
1 1/2" Deep – Welded  
22.0" Cubic Capacity



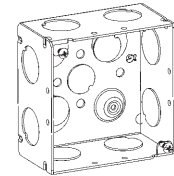
**TP403**  
2 1/8" Deep – Welded  
22.0" Cubic Capacity



**TP414**  
1 1/2" Deep – Welded  
21.0" Cubic Capacity



**TP434**  
2 1/8" Deep – Welded  
30.3" Cubic Capacity



**TP436**  
2 1/8" Deep – Welded  
30.3" Cubic Capacity

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>For Conduit</b>				
TP30404PF	1 1/2" Deep Welded Box, 1/2" Raised Single Gang Uni-Mount Cover, ground screw and lead	25.8	25	115
TP30414PF	1 1/2" Deep Drawn Box, 1/2" Raised Single Gang Uni-Mount Cover, ground screw and lead	24.8	25	110
TP31404PF	1 1/2" Deep Welded Box, 5/8" Raised Single Gang Uni-Mount Cover, ground screw and lead	26.3	25	118
TP31414PF	1 1/2" Deep Drawn Box, 5/8" Raised Single Gang Uni-Mount Cover, ground screw and lead	25.3	25	113
TP32404PF	1 1/2" Deep Welded Box, 3/4" Raised Single Gang Uni-Mount Cover, ground screw and lead	27.5	25	122
TP32414PF	1 1/2" Deep Drawn Box, 3/4" Raised Single Gang Uni-Mount Cover, ground screw and lead	26.5	25	117
TP35404PF	1 1/2" Deep Welded Box, 1/2" Raised Two Gang Uni-Mount Cover, ground screw and lead	28.0	25	110
TP35414PF	1 1/2" Deep Drawn Box, 1/2" Raised Two Gang Uni-Mount Cover, ground screw and lead	27.0	25	105
TP36404PF	1 1/2" Deep Welded Box, 5/8" Raised Two Gang Uni-Mount Cover, ground screw and lead	30.0	25	124
TP36414PF	1 1/2" Deep Drawn Box, 5/8" Raised Two Gang Uni-Mount Cover, ground screw and lead	29.0	25	119
TP37404PF	1 1/2" Deep Welded Box, 3/4" Raised Two Gang Uni-Mount Cover, ground screw and lead	31.0	25	126
TP37414PF	1 1/2" Deep Drawn Box, 3/4" Raised Two Gang Uni-Mount Cover, ground screw and lead	30.0	25	121
TP30403PF	2 1/8" Deep Welded Box, 1/2" Raised Single Gang Uni-Mount Cover, ground screw and lead	34.1	25	107
TP30434PF	2 1/8" Deep Drawn Box, 1/2" Raised Single Gang Uni-Mount Cover, ground screw and lead	34.1	25	127
TP31403PF	2 1/8" Deep Welded Box, 5/8" Raised Single Gang Uni-Mount Cover, ground screw and lead	34.6	25	110
TP31434PF	2 1/8" Deep Drawn Box, 5/8" Raised Single Gang Uni-Mount Cover, ground screw and lead	34.6	25	130
TP31436PF	2 1/8" Deep Welded Box, 5/8" Raised Single Gang Uni-Mount Cover, ground screw and lead	26.3	25	130
TP32403PF	2 1/8" Deep Welded Box, 3/4" Raised Single Gang Uni-Mount Cover, ground screw and lead	35.8	25	114
TP32434PF	2 1/8" Deep Drawn Box, 3/4" Raised Single Gang Uni-Mount Cover, ground screw and lead	35.8	25	134
TP35403PF	2 1/8" Deep Welded Box, 1/2" Raised Two Gang Uni-Mount Cover, ground screw and lead	36.3	25	102
TP35434PF	2 1/8" Deep Drawn Box, 1/2" Raised Two Gang Uni-Mount Cover, ground screw and lead	36.3	25	122
TP36403PF	2 1/8" Deep Welded Box, 5/8" Raised Two Gang Uni-Mount Cover, ground screw and lead	38.3	25	116
TP36434PF	2 1/8" Deep Drawn Box, 5/8" Raised Two Gang Uni-Mount Cover, ground screw and lead	38.3	25	136
TP37403PF	2 1/8" Deep Welded Box, 3/4" Raised Two Gang Uni-Mount Cover, ground screw and lead	39.3	25	118
TP37434PF	2 1/8" Deep Drawn Box, 3/4" Raised Two Gang Uni-Mount Cover, ground screw and lead	39.3	25	138

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>				
<b>For AC/MC Cable</b>				
TP30454PF	1½" Deep Welded Box assembled to ½" Raised Single Gang Uni-Mount Cover	24.8	25	114
TP31454PF	1½" Deep Welded Box assembled to ⅝" Raised Single Gang Uni-Mount Cover	25.3	25	117
TP32454PF	1½" Deep Welded Box assembled to ¾" Raised Single Gang Uni-Mount Cover	26.5	25	121
TP35454PF	1½" Deep Welded Box assembled to ½" Raised Two Gang Uni-Mount Cover	27.0	25	109
TP36454PF	1½" Deep Welded Box assembled to ⅝" Raised Two Gang Uni-Mount Cover	29.0	25	123
TP37454PF	1½" Deep Welded Box assembled to ¾" Raised Two Gang Uni-Mount Cover	30.0	25	125
TP30431PF	2⅝" Deep Welded Box assembled to ½" Raised Single Gang Uni-Mount Cover	34.1	25	134
TP31431PF	2⅝" Deep Welded Box assembled to ⅝" Raised Single Gang Uni-Mount Cover	34.6	25	137
TP32431PF	2⅝" Deep Welded Box assembled to ¾" Raised Single Gang Uni-Mount Cover	35.8	25	141
TP35431PF	2⅝" Deep Welded Box assembled to ½" Raised Two Gang Uni-Mount Cover	36.3	25	129
TP36431PF	2⅝" Deep Welded Box assembled to ⅝" Raised Two Gang Uni-Mount Cover	38.3	25	143
TP37431PF	2⅝" Deep Welded Box assembled to ¾" Raised Two Gang Uni-Mount Cover	39.3	25	145



**Open Back Box**

Innovative Open Back Boxes maximize working area to reduce wiring time and eliminate interference problems. Eliminates the need for disassembly at the job site. All open back box assemblies are shipped with TP472 flat, blank back covers.

Cat. #	Description	Capacity Cu. In.	Unit Qty.	Wt. Lbs. Per 100
<b>Pre-Fabricated Open Back Box, Cover, Ground Screw and Lead Assembly</b>				
<b>For Conduit</b>				
TP3040DPF	2⅝" Deep Welded Open Back Box, ½" Raised Single Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	107
TP3140DPF	2⅝" Deep Welded Open Back Box, ⅝" Raised Single Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	110
TP3240DPF	2⅝" Deep Welded Open Back Box, ¾" Raised Single Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	114
TP3540DPF	2⅝" Deep Welded Open Back Box, ½" Raised Two Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	112
TP3640DPF	2⅝" Deep Welded Open Back Box, ⅝" Raised Two Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	116
TP3740DPF	2⅝" Deep Welded Open Back Box, ¾" Raised Two Gang Uni-Mount Cover, ground clip, lead, and back cover	34.1	25	118

Additional Uni-Mount / box configurations available. Consult factory for details.  
Remove the PF for boxes without ground screw and lead.  
For stranded wire replace PF with PFA

For more information on all PRE-formance products or how to submit drawings for quotation, please email [CCHPREformance@cooperindustries.com](mailto:CCHPREformance@cooperindustries.com) or call 315-477-5592



**Single Sided Assemblies**

Single Sided Direct Mount Assemblies - all catalog numbers contain a single sided direct mount bracket (for 2½" and 3½" studs), 4" square steel box, mud ring, 8" insulated solid ground wire with ground screw or clip and SmartGuard™

UL and cUL Listed  
UL File No. E-324733



PRE-formance™

Cat. #	Description
<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>	
<b>PFH3 40D58</b>	BB423 Single sided bracket, Open back 2½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PFH3 40D75</b>	BB423 Single sided bracket, Open back 2½" deep box with pigtail, ¾" raised 1G mud ring
<b>PFH3 40DAR*</b>	BB423 Single sided bracket, Open back 2½" deep box with pigtail, Adjustable 1G mud ring
<b>PFH3 4D58</b>	BB423 Single sided bracket, TP403 2½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PFH3 4D75</b>	BB423 Single sided bracket, TP403 2½" deep box with pigtail, ¾" raised 1G mud ring
<b>PFH3 4DAR*</b>	BB423 Single sided bracket, TP403 2½" deep box with pigtail, Adjustable 1G mud ring
<b>PFH3 4S58</b>	BB423 Single sided bracket, TP404 1½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PFH3 4S75</b>	BB423 Single sided bracket, TP404 1½" deep box with pigtail, ¾" raised 1G mud ring
<b>PFH3 40D258</b>	BB423 Single sided bracket, Open back 2½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PFH3 40D275</b>	BB423 Single sided bracket, Open back 2½" deep box with pigtail, ¾" raised 2G mud ring
<b>PFH3 4D258</b>	BB423 Single sided bracket, TP403 2½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PFH3 4D275</b>	BB423 Single sided bracket, TP403 2½" deep box with pigtail, ¾" raised 2G mud ring
<b>PFH3 4S258</b>	BB423 Single sided bracket, TP404 1½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PFH3 4S275</b>	BB423 Single sided bracket, TP404 1½" deep box with pigtail, ¾" raised 2G mud ring

- Double Sided Direct Mount Assemblies also available. Substitute PFH3 with PF3DS (BB73).
- 4" and 6" Far side supports are available. Replace PFH3 (for 2½" and 3½" studs) with PFH4 (4") (BB44) or PFH6 (6") (BB46). For double sided, replace PF3DS with PF4DS (BB74) or PF6DS (BB76).
- Refer to the PRE-formance Catalog Numbering System at the end of this section for additional assembly options and configurations.

**Floor Mount Assemblies**

Floor Mount Assemblies - all catalog numbers contain a 18" floor mount bracket, 4" square steel box, mud ring, 8" insulated solid ground wire with ground screw or clip and SmartGuard™

UL and cUL Listed  
UL File No. E-324733



Cat. #	Description
<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>	
<b>PF18FM 40D58</b>	BFM184 Floor mount bracket, Open back 2½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PF18FM 40D75</b>	BFM184 Floor mount bracket, Open back 2½" deep box with pigtail, ¾" raised 1G mud ring
<b>PF18FM 40DAR*</b>	BFM184 Floor mount bracket, Open back 2½" deep box with pigtail, Adjustable 1G mud ring
<b>PF18FM 4D58</b>	BFM184 Floor mount bracket, TP403 2½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PF18FM 4D75</b>	BFM184 Floor mount bracket, TP403 2½" deep box with pigtail, ¾" raised 1G mud ring
<b>PF18FM 4DAR*</b>	BFM184 Floor mount bracket, TP403 2½" deep box with pigtail, Adjustable 1G mud ring
<b>PF18FM 4S58</b>	BFM184 Floor mount bracket, TP404 1½" deep box with pigtail, ⅝" raised 1G mud ring
<b>PF18FM 4S75</b>	BFM184 Floor mount bracket, TP404 1½" deep box with pigtail, ¾" raised 1G mud ring
<b>PF18FM 40D258</b>	BFM184 Floor mount bracket, Open back 2½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PF18FM 40D275</b>	BFM184 Floor mount bracket, Open back 2½" deep box with pigtail, ¾" raised 2G mud ring
<b>PF18FM 4D258</b>	BFM184 Floor mount bracket, TP403 2½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PF18FM 4D275</b>	BFM184 Floor mount bracket, TP403 2½" deep box with pigtail, ¾" raised 2G mud ring
<b>PF18FM 4S258</b>	BFM184 Floor mount bracket, TP404 1½" deep box with pigtail, ⅝" raised 2G mud ring
<b>PF18FM 4S275</b>	BFM184 Floor mount bracket, TP404 1½" deep box with pigtail, ¾" raised 2G mud ring

- Refer to the PRE-formance Catalog Numbering System at the end of this section for additional assembly options and configurations.
- \*Not UL Listed. All components are third party certified.

### Telescoping Slider Assemblies

Telescoping Slider Assemblies - all catalog numbers contain a 11-18" telescoping slider bracket, 4" square steel box, mud ring, 8" insulated solid ground wire with ground screw and SmartGuard™



UL and cUL Listed



UL File No. E-324733

PRE-formance™

Cat. #	Description
	<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>
<b>PF16TS 4D58</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring
<b>PF16TS 4D75</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring
<b>PF16TS 4DAR</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, Adjustable 1G mud ring
<b>PF16TS 4S58</b>	BB216TS Telescoping slider bracket, TP404 1 1/2" deep box with pigtail, 5/8" raised 1G mud ring
<b>PF16TS 4S75</b>	BB216TS Telescoping slider bracket, TP404 1 1/2" deep box with pigtail, 3/4" raised 1G mud ring
<b>PF16TS 4D258</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring
<b>PF16TS 4D275</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring
<b>PF16TS 4D2AR</b>	BB216TS Telescoping slider bracket, TP403 2 1/8" deep box with pigtail, adjustable 2G mud ring
<b>PF16TS 4S258</b>	BB216TS Telescoping slider bracket, TP404 1 1/2" deep box with pigtail, 5/8" raised 2G mud ring
<b>PF16TS 4S275</b>	BB216TS Telescoping slider bracket, TP404 1 1/2" deep box with pigtail, 3/4" raised 2G mud ring

- 15"-16" Telescoping slider assemblies are available. Replace PF16TS (BB216TS) with PF24TS (BB224TS).
- Refer to the PRE-formance Catalog Numbering System at the end of this section for additional assembly options and configurations.

### Multi-Mount Assemblies

Multi-Mount Assemblies - all catalog numbers contain a 16" stud spanning Multiple Mount Bracket. Each Position may contain a 4" square steel box, mud ring, 8" insulated solid ground wire with ground screw and SmartGuard™



UL and cUL Listed



UL File No. E-324733

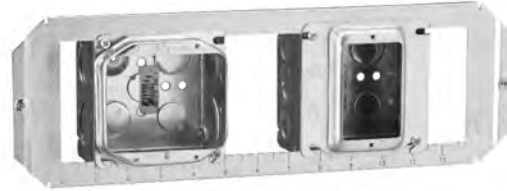
Cat. #	Description
	<b>Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly</b>
<b>PF3MM 4D58 X X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D75 X X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D258 X X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D275 X X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D58 5DN58 X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D75 5DN75 X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D258 5DN58 X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D275 5DN75 X</b>	BB816 Multiple box bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D58 X X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D75 X X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D258 X X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D275 X X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd and 3rd positions open
<b>PF3MM 4D58 5DN58 X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D75 5DN75 X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D258 5DN58 X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF3MM 4D275 5DN75 X</b>	BB816 Multiple box bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open

- Refer to the PRE-formance Catalog Numbering System at the end of this section for additional assembly options and configurations.



**Open Bracket Assemblies**

Open Bracket Assemblies - all catalog numbers contain a 16" stud spanning Open Bracket. Each Position may contain a 4" square steel box, mud ring, 8" insulated solid ground wire with ground screw and SmartGuard™



UL and cUL Listed



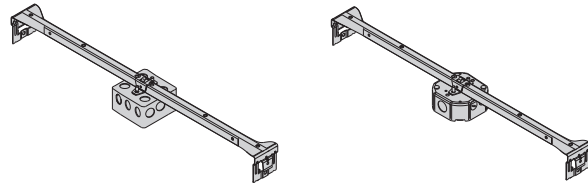
UL File No. E-324733

Cat. #	Description Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly
<b>PF16BO 4D58 X X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd and 3rd positions open
<b>PF16BO 4D75 X X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd and 3rd positions open
<b>PF16BO 4D258 X X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd and 3rd positions open
<b>PF16BO 4D275 X X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd and 3rd positions open
<b>PF16BO 4D58 5DN58 X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 4D75 5DN75 X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 4D258 5DN58 X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 4D275 5DN75 X</b>	BB716 Open bracket, 1st Position TP403 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 40D58 X X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd and 3rd positions open
<b>PF16BO 40D75 X X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd and 3rd positions open
<b>PF16BO 40D258 X X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd and 3rd positions open
<b>PF16BO 40D275 X X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd and 3rd positions open
<b>PF16BO 40D58 5DN58 X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 40D75 5DN75 X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 1G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 40D258 5DN58 X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 5/8" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 5/8" raised 1G mud ring, no pigtail, 3rd position open
<b>PF16BO 40D275 5DN75 X</b>	BB716 Open bracket, 1st Position Open back 2 1/8" deep box with pigtail, 3/4" raised 2G mud ring, 2nd position TP525 4 11/16" Square 2 1/8" Deep box, 3/4" raised 1G mud ring, no pigtail, 3rd position open

• Refer to the PRE-formance Catalog Numbering System at the end of this section for additional assembly options and configurations.

**T-Bar Assemblies**

T-Bar Assemblies - all catalog numbers contain BA50 T-Bar fastener, 4" square or octagon box



UL and cUL Listed



UL File No. E-324733

Cat. #	Description Pre-Fabricated Box, Cover, Ground Screw and Lead Assembly
<b>PFBH24 4SN</b>	BA50 Bar hanger, TP404 1 1/2" deep box
<b>PFBH24 4DN</b>	BA50 Bar hanger, TP403 2 1/8" deep box
<b>PFBH24 278N</b>	BA50 Bar hanger, TP278 1 1/2" deep octagon box
<b>PFBH24 292N</b>	BA50 Bar hanger, TP292 2 1/8" deep octagon box

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

## Uni-Mount™ Assemblies with Wiring Devices

Cooper Crouse-Hinds PRE-formance Uni-Mount Assemblies - All catalog numbers contain a Uni-mount cover (TP31000-37000), 4" square open back box, an 8" insulated solid box ground wire with ground clip, one or two pre-wired Cooper Wiring Devices with leads, push-in connectors, and device protect plates.



Uni-Mount assemblies with wiring devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1½" or 2⅞" deep with ½" & ¾" eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.

- All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the "V" with "W" for white colored device. Other device colors and types are available. Consult factory for details.

UL and cUL Listed  
UL File No. E324733



PRE-formance™

### Commonly ordered catalog examples are listed below

See Uni-Mount assembly catalog numbering system at the end of the Uni-Mount assembly pages for more information on how to construct catalog numbers for almost any customer application

#### Duplex Receptacle



Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle		
Assembly Catalog Number with CR20V Commercial Grade 20A Duplex Receptacle Installed	Assembly Catalog Number with 5362V Industrial Grade 20A Duplex Receptacle Installed	Assembly Catalog Number with 8300V Hospital Grade 20A Duplex Receptacle Installed	4" Square Steel Open Back Box	Uni-Mount
<b>Single 20A Duplex Receptacle</b>				
TP3140D C20DV	TP3140D I20DV	TP3140D H20DV	2⅞" Deep	⅝" Single Gang
TP3140S C20DV	TP3140S I20DV	TP3140S H20DV	1½" Deep	⅝" Single Gang
TP3240D C20DV	TP3240D I20DV	TP3240D H20DV	2⅞" Deep	¾" Single Gang
TP3240S C20DV	TP3240S I20DV	TP3240S H20DV	1½" Deep	¾" Single Gang
<b>Double 20A Duplex Receptacle</b>				
TP3640D C20DDV	TP3640D I20DDV	TP3640D H20DDV	2⅞" Deep	⅝" Two Gang
TP3640S C20DDV	TP3640S I20DDV	TP3640S H20DDV	1½" Deep	⅝" Two Gang
TP3740D C20DDV	TP3740D I20DDV	TP3740D H20DDV	2⅞" Deep	¾" Two Gang
TP3740S C20DDV	TP3740S I20DDV	TP3740S H20DDV	1½" Deep	¾" Two Gang

#### GFCI Receptacle



Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle			
Assembly Catalog Number with VGF20 Specification Grade 20A GFCI Receptacle Installed	Assembly Catalog Number with VGFH20V Hospital Grade 20A GFCI Receptacle Installed	4" Square Steel Open Back Box	Uni-Mount	
<b>Single 20A GFCI Receptacle</b>				
TP3140D S20GV	TP3140D H20GV	2⅞" Deep	⅝" Single Gang	
TP3140S S20GV	TP3140S H20GV	1½" Deep	⅝" Single Gang	
TP3240D S20GV	TP3240D H20GV	2⅞" Deep	¾" Single Gang	
TP3240S S20GV	TP3240S H20GV	1½" Deep	¾" Single Gang	
<b>Double 20A GFCI Receptacle</b>				
TP3640D S20GGV	TP3640D H20GGV	2⅞" Deep	⅝" Two Gang	
TP3640S S20GGV	TP3640S H20GGV	1½" Deep	⅝" Two Gang	
TP3740D S20GGV	TP3740D H20GGV	2⅞" Deep	¾" Two Gang	
TP3740S S20GGV	TP3740S H20GGV	1½" Deep	¾" Two Gang	

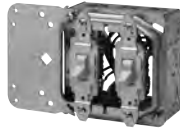
**Uni-Mount™ Assemblies with Wiring Devices**

**Commonly ordered catalog examples are listed below**

See Uni-Mount assembly catalog numbering system at the end of the Uni-Mount assembly pages for more information on how to construct catalog numbers for almost any customer application

**PRE-formance™**

**Single Pole Switch**



Commercial Grade Single Pole Switch	Industrial Grade Single Pole Switch	4" Square Steel Open Back Box	Uni-Mount
Assembly Catalog Number with CS120V Commercial Grade 20A Single Pole Switch Installed	Assembly Catalog Number with AH1221V Industrial Grade 20A Single Pole Switch Installed		
<b>Single 20A Single Pole Switch</b>			
TP3140D C20SPV	TP3140D I20SPV	2 1/8" Deep	5/8" Single Gang
TP3140S C20SPV	TP3140S I20SPV	1 1/2" Deep	5/8" Single Gang
TP3240D C20SPV	TP3240D I20SPV	2 1/8" Deep	3/4" Single Gang
TP3240S C20SPV	TP3240S I20SPV	1 1/2" Deep	3/4" Single Gang
<b>Double 20A Single Pole Switch</b>			
TP3640D C20SPSPV	TP3640D I20SPSPV	2 1/8" Deep	5/8" Two Gang
TP3640S C20SPSPV	TP3640S I20SPSPV	1 1/2" Deep	5/8" Two Gang
TP3740D C20SPSPV	TP3740D I20SPSPV	2 1/8" Deep	3/4" Two Gang
TP3740S C20SPSPV	TP3740S I20SPSPV	1 1/2" Deep	3/4" Two Gang

**Three Way Switch**



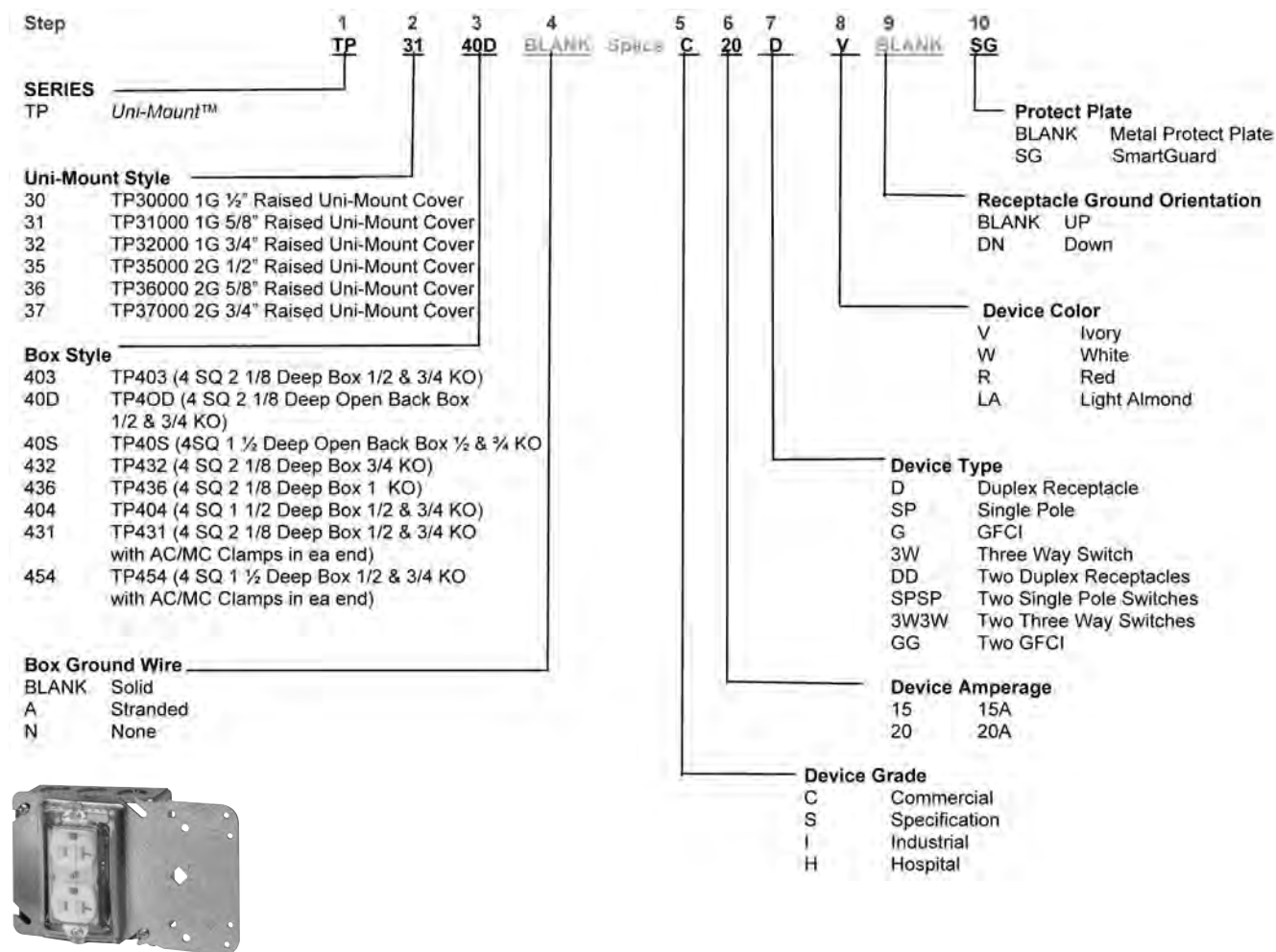
Commercial Grade Three Way Switch	Industrial Grade Three Way Switch	4" Square Steel Open Back Box	Uni-Mount
Assembly Catalog Number with CS320V Commercial Grade 20A Three Way Switch Installed	Assembly Catalog Number with AH1223V Industrial Grade 20A Three Way Switch Installed		
<b>Single 20A Three Way Switch</b>			
TP3140D C203WV	TP3140D I203WV	2 1/8" Deep	5/8" Single Gang
TP3140S C203WV	TP3140S I203WV	1 1/2" Deep	5/8" Single Gang
TP3240D C203WV	TP3240D I203WV	2 1/8" Deep	3/4" Single Gang
TP3240S C203WV	TP3240S I203WV	1 1/2" Deep	3/4" Single Gang
<b>Double 20A Three Way Switch</b>			
TP3640D C203W3WV	TP3640D I203W3WV	2 1/8" Deep	5/8" Two Gang
TP3640S C203W3WV	TP3640S I203W3WV	1 1/2" Deep	5/8" Two Gang
TP3740D C203W3WV	TP3740D I203W3WV	2 1/8" Deep	3/4" Two Gang
TP3740S C203W3WV	TP3740S I203W3WV	1 1/2" Deep	3/4" Two Gang

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground clip and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from Ivory (as shown) to white, substitute V (Ivory) with W (White). For ex. TP3140D C20DV becomes TP3140D C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates, add suffix SG for SmartGuard plastic protect plate.
- Pre-installed connectors available on all assembly types. Consult factory for details

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

## Uni-Mount™ Assemblies with Wiring Devices

### PRE-formance™ Catalog Numbering System for Uni-Mount™ Assemblies with Devices



#### TP3140D C20DVSG

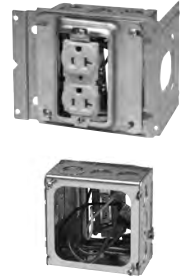
#### Standard Cooper Wiring Devices used in PRE-formance Assemblies

CCH Wiring Device Nomenclature (without color suffix)	CWD Catalog Number used (shown without color suffix)	Description	CCH Wiring Device Nomenclature (without color suffix)	CWD Catalog Number used (shown without color suffix)	Description
C20D	CR20	Commercial Grade 20A Duplex Receptacle	C20SP	CS120	Commercial Grade 20A Single Pole Switch
I20D	5362	Industrial Grade 20A Duplex Receptacle	I20SP	AH1221	Industrial Grade 20A Single Pole Switch
H20D	8300	Hospital Grade 20A Duplex Receptacle	C203W	CS320	Commercial Grade 20A Three Way Switch
S20G	VGf20	Specification Grade 20A GFCI Receptacle	I203W	AH1223	Industrial Grade 20A Three Way Switch
H20G	VGfH20	Hospital Grade 20A GFCI Receptacle			

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

## Single Sided Assemblies with Wiring Devices

Cooper Crouse-Hinds PRE-formance Single Sided Assemblies - All catalog numbers contain a single sided bracket (BB4-23 for 3 1/2" and 2 1/2" studs), 4" square box, an 8" insulated solid box ground wire with ground clip, one or two pre-wired Cooper Wiring Devices with leads and push-in connectors, and device protect plates



PRE-formance™

Single Sided Assemblies with wiring devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1 1/2" or 2 1/8" deep with 1/2" & 3/4" eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.


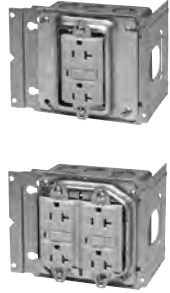
- All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the "V" with "W" for white colored device. Other device colors and types are available. Consult factory for details. Double sided direct mount assemblies are also available. Substitute PFH3 with PF3DS (BB73 double sided bracket)
- 4" and 6" Far side supports are available. Replace PFH3 (for 2 1/2" and 3 1/2" studs) with PFH4 (4") (BB44) or PFH6 (6") (BB46). For double sided, replace PF3DS with PF4DS (BB74) or PF6DS (BB76).

UL and cUL Listed  
UL File No. E-324733



### Commonly ordered catalog examples are listed below

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application

	Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4" Square Steel Open Back Box	Mud Ring
Duplex Receptacle 	Assembly Catalog Number with CR20V Commercial Grade 20A Duplex Receptacle Installed	Assembly Catalog Number with 5362V Industrial Grade 20A Duplex Receptacle Installed	Assembly Catalog Number with 8300V Hospital Grade 20A Duplex Receptacle Installed		
	<b>Single 20A Duplex Receptacle</b>				
	PFH3 40D58C20DV	PFH3 40D58I20DV	PFH3 40D58H20DV	2 1/8" Deep	5/8" Single Gang
	PFH3 40S58C20DV	PFH3 40S58I20DV	PFH3 40S58H20DV	1 1/2" Deep	5/8" Single Gang
	PFH3 40D75C20DV	PFH3 40D75I20DV	PFH3 40D75H20DV	2 1/8" Deep	3/4" Single Gang
	PFH3 40S75C20DV	PFH3 40S75I20DV	PFH3 40S75H20DV	1 1/2" Deep	3/4" Single Gang
	<b>Double 20A Duplex Receptacle</b>				
	PFH3 40D258C20DDV	PFH3 40D258I20DDV	PFH3 40D258H20DDV	2 1/8" Deep	5/8" Two Gang
	PFH3 40S258C20DDV	PFH3 40S258I20DDV	PFH3 40S258H20DDV	1 1/2" Deep	5/8" Two Gang
	PFH3 40D275C20DDV	PFH3 40D275I20DDV	PFH3 40D275H20DDV	2 1/8" Deep	3/4" Two Gang
PFH3 40S275C20DDV	PFH3 40S275I20DDV	PFH3 40S275H20DDV	1 1/2" Deep	3/4" Two Gang	
GFCI Receptacle 	Specification Grade GFCI Receptacle	Hospital Grade GFCI Receptacle		4" Square Steel Open Back Box	Mud Ring
	Assembly Catalog Number with VGF20 Specification Grade 20A GFCI Receptacle Installed	Assembly Catalog Number with VGFH20V Hospital Grade 20A GFCI Receptacle Installed			
	<b>Single 20A GFCI Receptacle</b>				
	PFH3 40D58S20GV	PFH3 40D58H20GV		2 1/8" Deep	5/8" Single Gang
	PFH3 40S58S20GV	PFH3 40S58H20GV		1 1/2" Deep	5/8" Single Gang
	PFH3 40D75S20GV	PFH3 40D75H20GV		2 1/8" Deep	3/4" Single Gang
	PFH3 40S75S20GV	PFH3 40S75H20GV		1 1/2" Deep	3/4" Single Gang
	<b>Double 20A GFCI Receptacle</b>				
	PFH3 40D258S20GGV	PFH3 40D258H20GGV		2 1/8" Deep	5/8" Two Gang
	PFH3 40S258S20GGV	PFH3 40S258H20GGV		1 1/2" Deep	5/8" Two Gang
PFH3 40D275S20GGV	PFH3 40D275H20GGV		2 1/8" Deep	3/4" Two Gang	
PFH3 40S275S20GGV	PFH3 40S275H20GGV		1 1/2" Deep	3/4" Two Gang	



## Single Sided Assemblies with Wiring Devices

### Single Pole Switch



#### Commercial Grade Single Pole Switch

Assembly Catalog Number with  
CS120V Commercial Grade 20A  
Single Pole Switch Installed

#### Single 20A Single Pole Switch

PFH3 40D58C20SPV  
PFH3 40S58C20SPV  
PFH3 40D75C20SPV  
PFH3 40S75C20SPV

#### Double 20A Single Pole Switch

PFH3 40D258C20SPSPV  
PFH3 40S258C20SPSPV  
PFH3 40D275C20SPSPV  
PFH3 40S275C20SPSPV

#### Industrial Grade Single Pole Switch

Assembly Catalog Number with  
AH1221V Industrial Grade 20A  
Single Pole Switch Installed

PFH3 40D58I20SPV  
PFH3 40S58I20SPV  
PFH3 40D75I20SPV  
PFH3 40S75I20SPV

4" Square  
Steel Open  
Back Box

Mud Ring

2 1/8" Deep 5/8" Single Gang  
1 1/2" Deep 5/8" Single Gang  
2 1/8" Deep 3/4" Single Gang  
1 1/2" Deep 3/4" Single Gang

2 1/8" Deep 5/8" Two Gang  
1 1/2" Deep 5/8" Two Gang  
2 1/8" Deep 3/4" Two Gang  
1 1/2" Deep 3/4" Two Gang

### Three Way Switch



#### Commercial Grade Three Way Switch

Assembly Catalog Number with  
CS320V Commercial Grade 20A  
Three Way Switch Installed

#### Single 20A Three Way Switch

PFH3 40D58C203WV  
PFH3 40S58C203WV  
PFH3 40D75C203WV  
PFH3 40S75C203WV

#### Double 20A Three Way Switch

PFH3 40D258C203W3WV  
PFH3 40S258C203W3WV  
PFH3 40D275C203W3WV  
PFH3 40S275C203W3WV

#### Industrial Grade Three Way Switch

Assembly Catalog Number with  
AH1223V Industrial Grade 20A  
Three Way Switch Installed

PFH3 40D58I203WV  
PFH3 40S58I203WV  
PFH3 40D75I203WV  
PFH3 40S75I203WV

4" Square  
Steel Open  
Back Box

Mud ring

2 1/8" Deep 5/8" Single Gang  
1 1/2" Deep 5/8" Single Gang  
2 1/8" Deep 3/4" Single Gang  
1 1/2" Deep 3/4" Single Gang

2 1/8" Deep 5/8" Two Gang  
1 1/2" Deep 5/8" Two Gang  
2 1/8" Deep 3/4" Two Gang  
1 1/2" Deep 3/4" Two Gang

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground clip and lead.
- Double Sided Direct Mount Assemblies also available. Substitute PFH3 with PF3DS (BB73).
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from Ivory (as shown) to white, substitute V (Ivory) with W (White). For ex. PFH3 40D58C20DV becomes PFH3 40D58C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates, add suffix SG for SmartGuard plastic protect plate.
- Pre-installed connectors available on all assembly types. Consult factory for details

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

**Floor Mount Assemblies with Wiring Devices**

Cooper Crouse-Hinds PRE-formance Floor Mount Assemblies - All catalog numbers contain a floor mount bracket (BFM18-4) which positions device at 18" on center, 4" square Box, an 8" insulated solid box ground wire with ground clip, one or two pre-wired Cooper Wiring Devices with leads and push-in connectors, and device protect plates.



Floor mount assemblies with wiring devices are shipped standard with open back boxes. Open back boxes maximize the working area to reduce wiring time and eliminate interference problems. They virtually eliminate the need for disassembly at the job site. Open back boxes are available in either 1½" or 2⅞" deep with ½ & ¾ eccentric knockouts. All 4" square open back box assemblies are shipped with TP472 flat, blank back covers.

- All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the "V" with "W" for white colored device. Other device colors and types are available. Consult factory for details.

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UL File No. E324733



**Commonly ordered catalog examples are listed below**

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application

Duplex Receptacle	Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4" Square Steel Open Back Box	Mud Ring	
	<b>Assembly Catalog Number with CR20V Commercial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 5362V Industrial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 8300V Hospital Grade 20A Duplex Receptacle Installed</b>			
	<b>Single 20A Duplex Receptacle</b>					
	PF18FM 40D58C20DV	PF18FM 40D58I20DV	PF18FM 40D58H20DV	2⅞" Deep	5/8" Single Gang	
	PF18FM 40S58C20DV	PF18FM 40S58I20DV	PF18FM 40S58H20DV	1½" Deep	5/8" Single Gang	
	PF18FM 40D75C20DV	PF18FM 40D75I20DV	PF18FM 40D75H20DV	2⅞" Deep	¾" Single Gang	
	PF18FM 40S75C20DV	PF18FM 40S75I20DV	PF18FM 40S75H20DV	1½" Deep	¾" Single Gang	
	<b>Double 20A Duplex Receptacle</b>					
	PF18FM 40D258C20DDV	PF18FM 40D258I20DDV	PF18FM 40D258H20DDV	2⅞" Deep	5/8" Two Gang	
	PF18FM 40S258C20DDV	PF18FM 40S258I20DDV	PF18FM 40S258H20DDV	1½" Deep	5/8" Two Gang	
	PF18FM 40D275C20DDV	PF18FM 40D275I20DDV	PF18FM 40D275H20DDV	2⅞" Deep	¾" Two Gang	
PF18FM 40S275C20DDV	PF18FM 40S275I20DDV	PF18FM 40S275H20DDV	1½" Deep	¾" Two Gang		



## Universal Floor Mount Assemblies with Wiring Devices



Cooper Crouse-Hinds PRE-formance Universal Floor Mount Assemblies - All catalog numbers contain an adjustable Floor Mount bracket (Standard item is shipped pre-set at 18" on center but is also available at other customer specified heights. All catalog numbers contain a 4" Square Box, an 8" insulated solid box ground wire with ground clip, far side support, flat strap for stud spanning support, one or two pre-wired Cooper Wiring Devices with leads and push-in connectors, and device protect plates.

All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the "V" with "W" for white colored device. Other device colors and types are available. Consult factory for details.

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UL File No. E324733



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### Commonly ordered catalog examples are listed below

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application

Duplex Receptacle	Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle	4" Square Steel Open Back Box	Mud Ring	
	<b>Assembly Catalog Number with CR20V Commercial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 5362V Industrial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 8300V Hospital Grade 20A Duplex Receptacle Installed</b>			
	<b>Single 20A Duplex Receptacle</b>					
	PFUBV18 40D58C20DV	PFUBV18 40D58I20DV	PFUBV18 40D58H20DV	2 1/8" Deep	5/8" Single Gang	
	PFUBV18 40S58C20DV	PFUBV18 40S58I20DV	PFUBV18 40S58H20DV	1 1/2" Deep	5/8" Single Gang	
	PFUBV18 40D75C20DV	PFUBV18 40D75I20DV	PFUBV18 40D75H20DV	2 1/8" Deep	3/4" Single Gang	
	PFUBV18 40S75C20DV	PFUBV18 40S75I20DV	PFUBV18 40D75H20DV	1 1/2" Deep	3/4" Single Gang	
	<b>Double 20A Duplex Receptacle</b>					
	PFUBV18 40D258C20DDV	PFUBV18 40D258I20DDV	PFUBV18 40D258H20DDV	2 1/8" Deep	5/8" Two Gang	
	PFUBV18 40S258C20DDV	PFUBV18 40S258I20DDV	PFUBV18 40S258H20DDV	1 1/2" Deep	5/8" Two Gang	
	PFUBV18 40D275C20DDV	PFUBV18 40D275I20DDV	PFUBV18 40D275H20DDV	2 1/8" Deep	3/4" Two Gang	
	PFUBV18 40S275C20DDV	PFUBV18 40S275I20DDV	PFUBV18 40S275H20DDV	1 1/2" Deep	3/4" Two Gang	

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground clip and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from Ivory (as shown) to white, substitute V (Ivory) with W (White). For ex. PF18FM 40D58C20DV becomes PF18FM 40D58C20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates, add suffix SG for SmartGuard plastic protect plate.
- Pre-installed connectors available on all assembly types. Consult factory for details

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

**Telescoping Slider Assemblies with Wiring Devices**

Cooper Crouse-Hinds PRE-formance Telescoping Slider Assemblies - All catalog numbers contain a Telescoping Slider Bracket (BB216TS 11"-18"), 4" square traditional closed back box, an 8" insulated stranded box ground wire with ground screw, one or two pre-wired Cooper Wiring Devices with leads and push-in connectors, and device protect plates

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- All assemblies are shown with ivory colored devices. At the end of the catalog number, replace the "V" with "W" for white colored device. Other device colors and types are available. Consult factory for details.
- 15"-26" Telescoping Slider assemblies are available. Replace PF16TS (BB216TS) with PF24TS (BB224TS).



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UL File No. E324733

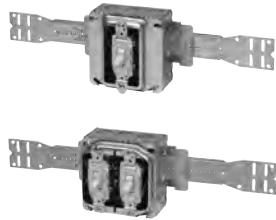
**Commonly ordered catalog examples are listed below**

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application

	Commercial Grade Receptacle	Industrial Grade Receptacle	Hospital Grade Receptacle		
<b>Duplex Receptacles</b>  	<b>Assembly Catalog Number with CR20V Commercial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 5362V Industrial Grade 20A Duplex Receptacle Installed</b>	<b>Assembly Catalog Number with 8300V Hospital Grade 20A Duplex Receptacle Installed</b>	<b>4" Square Steel Box (Not Open Back)</b>	<b>Mud Ring</b>
	<b>Single 20A Duplex Receptacle</b>				
	PF16TS 4DA58C20DV	PF16TS 4DA58I20DV	PF16TS 4DA58H20DV	2 1/8" Deep	5/8" Single Gang
	PF16TS 4SA58C20DV	PF16TS 4SA58I20DV	PF16TS 4SA58H20DV	1 1/2" Deep	5/8" Single Gang
	PF16TS 4DA75C20DV	PF16TS 4DA75I20DV	PF16TS 4DA75H20DV	2 1/8" Deep	3/4" Single Gang
	PF16TS 4SA75C20DV	PF16TS 4SA75I20DV	PF16TS 4SA75H20DV	1 1/2" Deep	3/4" Single Gang
	<b>Double 20A Duplex Receptacle</b>				
	PF16TS 4DA258C20DDV	PF16TS 4DA258I20DDV	PF16TS 4DA258H20DDV	2 1/8" Deep	5/8" Two Gang
	PF16TS 4SA258C20DDV	PF16TS 4SA258I20DDV	PF16TS 4SA258H20DDV	1 1/2" Deep	5/8" Two Gang
	PF16TS 4DA275C20DDV	PF16TS 4DA275I20DDV	PF16TS 4DA275H20DDV	2 1/8" Deep	3/4" Two Gang
PF16TS 4SA275C20DDV	PF16TS 4SA275I20DDV	PF16TS 4SA275H20DDV	1 1/2" Deep	3/4" Two Gang	
<b>GFCI Receptacles</b>  	<b>Specification Grade GFCI Receptacle</b>	<b>Hospital Grade GFCI Receptacle</b>			
	<b>Assembly Catalog Number with VGF20 Specification Grade 20A GFCI Receptacle Installed</b>	<b>Assembly Catalog Number with VGFH20V Hospital Grade 20A GFCI Receptacle Installed</b>	<b>4" Square Steel Box (Not Open Back)</b>	<b>Mud Ring</b>	
	<b>Single 20A GFCI Receptacle</b>				
	PF16TS 4DA58S20GV	PF16TS 4DA58H20GV	2 1/8" Deep	5/8" Single Gang	
	PF16TS 4SA58S20GV	PF16TS 4SA58H20GV	1 1/2" Deep	5/8" Single Gang	
	PF16TS 4DA75S20GV	PF16TS 4DA75H20GV	2 1/8" Deep	3/4" Single Gang	
	PF16TS 4SA75S20GV	PF16TS 4SA75H20GV	1 1/2" Deep	3/4" Single Gang	
	<b>Double 20A GFCI Receptacle</b>				
	PF16TS 4DA258S20GGV	PF16TS 4DA258H20GGV	2 1/8" Deep	5/8" Two Gang	
	PF16TS 4SA258S20GGV	PF16TS 4SA258H20GGV	1 1/2" Deep	5/8" Two Gang	
PF16TS 4DA275S20GGV	PF16TS 4DA275H20GGV	2 1/8" Deep	3/4" Two Gang		
PF16TS 4SA275S20GGV	PF16TS 4SA275H20GGV	1 1/2" Deep	3/4" Two Gang		

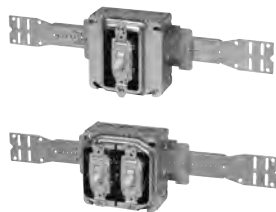
**Telescoping Slider Assemblies with Wiring Devices**

**Single Pole Switch**



Commercial Grade Single Pole Switch	Industrial Grade Single Pole Switch	4" Square Steel Box (Not Open Back)	Mud Ring
Assembly Catalog Number with CS120V Commercial Grade 20A Single Pole Switch Installed	Assembly Catalog Number with AH1221V Industrial Grade 20A Single Pole Switch Installed		
<b>Single 20A Single Pole Switch</b>			
PF16TS 4DA58C20SPV	PF16TS 4DA58I20SPV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58C20SPV	PF16TS 4SA58I20SPV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75C20SPV	PF16TS 4DA75I20SPV	2 1/8" Deep	3/4" Single Gang
PF16TS 4SA75C20SPV	PF16TS 4SA75I20SPV	1 1/2" Deep	3/4" Single Gang
<b>Double 20A Single Pole Switch</b>			
PF16TS 4DA258C20SPSPV	PF16TS 4DA258I20SPSPV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258C20SPSPV	PF16TS 4SA258I20SPSPV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275C20SPSPV	PF16TS 4DA275I20SPSPV	2 1/8" Deep	3/4" Two Gang
PF16TS 4SA275C20SPSPV	PF16TS 4SA275I20SPSPV	1 1/2" Deep	3/4" Two Gang

**Three Way Switch**



Commercial Grade Three Way Switch	Industrial Grade Three Way Switch	4" Square Steel Box (Not Open Back)	Mud Ring
Assembly Catalog Number with CS320V Commercial Grade 20A Three Way Switch Installed	Assembly Catalog Number with AH1223V Industrial Grade 20A Three Way Switch Installed		
<b>Single 20A Three Way Switch</b>			
PF16TS 4DA58C203WV	PF16TS 4DA58I203WV	2 1/8" Deep	5/8" Single Gang
PF16TS 4SA58C203WV	PF16TS 4SA58I203WV	1 1/2" Deep	5/8" Single Gang
PF16TS 4DA75C203WV	PF16TS 4DA75I203WV	2 1/8" Deep	3/4" Single Gang
PF16TS 4SA75C203WV	PF16TS 4SA75I203WV	1 1/2" Deep	3/4" Single Gang
<b>Double 20A Three Way Switch</b>			
PF16TS 4DA258C203W3WV	PF16TS 4DA258I203W3WV	2 1/8" Deep	5/8" Two Gang
PF16TS 4SA258C203W3WV	PF16TS 4SA258I203W3WV	1 1/2" Deep	5/8" Two Gang
PF16TS 4DA275C203W3WV	PF16TS 4DA275I203W3WV	2 1/8" Deep	3/4" Two Gang
PF16TS 4SA275C203W3WV	PF16TS 4SA275I203W3WV	1 1/2" Deep	3/4" Two Gang

- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from Ivory (as shown) to white, substitute V (Ivory) with W (White). For ex. PF16TS 4DAC20DV becomes PF16TS 4DAC20DW.
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates, add suffix SG for SmartGuard plastic protect plate.
- Pre-installed connectors available on all assembly types. Consult factory for details
- Telescoping Slider bracket assemblies are shipped with traditional closed back box, ground screw and stranded leads on box and devices.
- Device leads and push-in connectors are left inside the box and will not be pulled out of knockouts prior to shipment unless specified by customer.

For more information on all PRE-formance products or how to submit drawings for quotation, please email CCHPREformance@cooperindustries.com or call 315-477-5592

Cooper Crouse-Hinds PRE-formance Multi Mount Assemblies - All catalog numbers contain a multiple mount bracket (available in either 16" stud spanning or 24" stud spanning). Each position may contain an outlet box, an 8" insulated solid box ground wire with ground screw or clip, one or two pre-wired Cooper Wiring Devices with leads and push-in connectors, and device protect plates.

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UL File No. E324733

### Commonly ordered catalog examples are listed below

See assembly catalog numbering system at the end of this section for more information on how to construct catalog numbers for almost any customer application



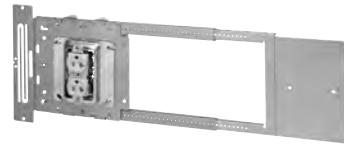
**PF3MM 40D58C20DV 5D58 X**

**3MM Bracket**

BB816 3 hole Multiple Mount Bracket for 16" Stud spacing

**4MM Bracket (not shown)**

BB824 4 hole Multiple Mount Bracket for 24" Stud spacing



**PFUBH 40D58C20DV**

**UBH Bracket**

UBH Universal Horizontal Bracket for 8 - 24" stud spacing



**PF16BO 40D58C20DV X 40D258C20DDV**

**16BO Bracket**

BB716 Open Mount Bracket for 16" Stud spacing

**24BO Bracket (not shown)**

BB724 Open Mount Bracket for 24" Stud spacing

Commonly Ordered Catalog Numbers	Description
PF3MM 40D58C20DV 5DN58 X	Assembly - BB816 Multiple Box Bracket, 4" square open back box with ground clip, lead and back cover, TP489 5/8" raise 1G mud ring, pre-wired CR20V 20A commercial duplex receptacle ivory with leads and push-in connectors and protect plate (not shown), 2nd position TP525 4 1/16" box, TP579 4 1/16" 5/8" raise 1G mud ring, no ground wire
PF16BO 40D58C20DV X 40D58C20DDV	Assembly - BB716 Open Bracket, 4" square open back box with ground clip, lead and back cover, TP489 5/8" raise 1G mud ring, pre-wired CR20V 20A commercial duplex receptacle ivory with leads, push-in connectors and protect plate, 2nd position open, 3rd position 4" square open back box with ground clip, lead and back cover, TP499 5/8" raise 2G mud ring, two pre-wired CR20V 20A commercial duplex receptacles ivory with leads, push-in connectors and protect plates
PFUBH 40D58C20DV	Assembly - Universal Bracket Mounted Horizontally, 4" square open back box with ground clip, lead and back cover, TP489 5/8" Raise 1G mud ring, pre-wired CR20V 20A commercial duplex receptacle ivory with leads, push-in connectors and protect plate (not shown)

- All open back box assemblies are shipped with TP472 flat, blank back covers, ground clip and lead.
- Other box types, device colors, mud ring depths, brackets and assembly configurations are available. Consult factory for details.
- To change the color of device from Ivory (as shown) to white, substitute V (Ivory) with W (White).
- All receptacles are shipped standard ground up. Add suffix DN for ground down.
- All assemblies shipped standard with metal device protect plates, add suffix SG for SmartGuard plastic protect plate.
- Pre-installed connectors available on all assembly types. Consult factory for details







PFH3 40D58C20DVSG (protect plate not shown)

### Standard Cooper Wiring Devices used in PRE-formance Assemblies

CCH Wiring Device Nomenclature (without color suffix)	CWD Catalog Number used (shown without color suffix)	Description	CCH Wiring Device Nomenclature (without color suffix)	CWD Catalog Number used (shown without color suffix)	Description
C20D	CR20	Commercial Grade 20A Duplex Receptacle	C20SP	CS120	Commercial Grade 20A Single Pole Switch
I20D	5362	Industrial Grade 20A Duplex Receptacle	I20SP	AH1221	Industrial Grade 20A Single Pole Switch
H20D	8300	Hospital Grade 20A Duplex Receptacle	C203W	CS320	Commercial Grade 20A Three Way Switch
S20G	VGf20	Specification Grade 20A GFCI Receptacle	I203W	AH1223	Industrial Grade 20A Three Way Switch
H20G	VGfH20	Hospital Grade 20A GFCI Receptacle			

For more information on all PRE-formance products or how to submit drawings for quotation, please email [CCHPREformance@cooperindustries.com](mailto:CCHPREformance@cooperindustries.com) or call 315-477-5592

## Complete

**Ideal for hotels, condos, commercial and retail offices, hospitals and apartments**

### PRE-formance Complete delivers:

- Total prefabricated branch wiring system custom produced with Cooper components, labeled, packaged by room and floor, delivered to your exact location
- Lower total cost of ownership
- Skill set allocation to match job requirements
- Elimination of job site material "piles" and inefficient searching for pieces and parts at the job site
- Elimination of job site "engineering"
- Reduction of overages and scrap, including expensive wire and cable



PRE-formance™

### PRE-formance Complete quotation process provides:

- Safe, secure transmission of drawings to secure file exchange server, CDs, or hard copy drawings if customer prefers, where our technical team (consisting of engineers and former contractors) completes a preliminary take-off analysis.
- A clearly defined, mutually agreed upon scope of work proposal easily identifies inclusions and exclusions and includes formal approval/sign-off procedures to ensure a clear, mutual understanding before work begins. Our team of engineers provides technical support and will answer your questions throughout the entire process. Mutual understanding of the requirements is an integral part of the process.



### Product receipt and installation made fast, easy and accurate.

- Unique, custom data layout table gets applied and shipped to each CAD drawing for each and every different room or area type
- Simplifies installation, eliminates guess work and helps eliminate job-site engineering
- Job specific labeling included with every cable run indicates starting position, ending position, device type, mounting type, cable size, cable length, box type, cable path, drawing number and date

For more information on all PRE-formance products or how to submit drawings for quotation, please email [CCHPREformance@cooperindustries.com](mailto:CCHPREformance@cooperindustries.com) or call 315-477-5592



# HomeRunner™ Box

## Commercial construction screw cover junction box with patented clamps



### Applications:

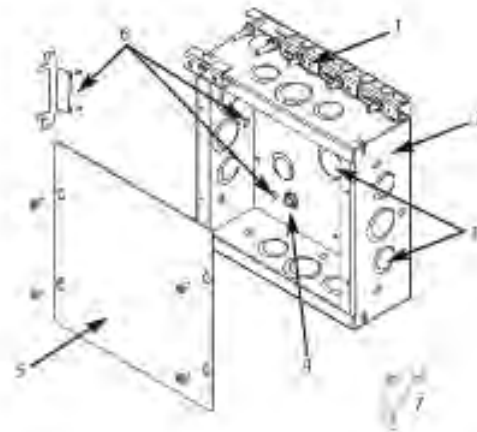
The Cooper Crouse-Hinds HomeRunner™ Junction Box is designed specifically for commercial construction applications to provide a spacious, flexible junction box for terminating Home Run and other electrical wiring. Its patented clamping design and flexibility make it the most convenient, labor savings junction box available.

PRE-performance™

- The HomeRunner Junction Box has extensive built-in features for maximum job site flexibility and efficiency
- It can be used to terminate multiple wiring methods including AC, MC, MCI-A, NM or EMT
- Designed for use in commercial construction projects, it is ideal for hotels, motels, condos, assisted living centers, etc.

### Features and Call-outs:

1. Patented clamping system - provides maximum flexibility and maximum grip. Third party certified for use with AC, MC, MCI-A or Non-metallic sheathed cable
2. 8 x 8 welded steel construction - provides strong, dependable service and large cubic capacity (177 cu. in.) for ease of wiring
3. Combination eccentric knockouts - on sides for quick & easy access, combination ko's in the back of the box are ideal of applications where joist spacing is too tight for side entry
4. Terminal cup washer and flanged nut - quick, easy service ground termination or attachment of grounding bus-bar, if desired
5. 2 cover options - square for surface mounted applications or oversized for flush mount applications
6. Extensive mounting flexibility - pre-drilled holes in side and back for direct mounting or optimal mounting bracket (purchased separately)
7. Far-side support snaps on quickly and easily and is perforated which allows for adjustment in dual thickness, fire-rated walls



### Certifications and Compliances:

- For US & Canada : CSA File #248782
- Certified to UL50 & UL514B and CSA C22.2, No. 18.3-04 & No. 40-M1989

### Standard Materials:

- Pre-galvanized steel

Cat.#	Description	Dimensions	Knockouts	Wire Fill	Built-In Clamps	Cubic Volume	Unit Qty.	Wt. Per 100
HR080803	Homerunner Box	8"H x 8"W x 3"D	(10) 1/2 and 3/4 eccentric, (7) 3/4 & 1 eccentric	(7) 14 AWG, (6) 12 AWG, (5) 10 AWG	(1) 10/3 to 10/12, (5) 1/2 to 10/3	177	5	400
HRC0808S	Surface Mount Cover for Homerunner Box	8"H x 8"W x .06"D					5	100
HRC0808F	Flush Mount Cover for Homerunner Box	9.38"H x 9.38"W x .06"D					5	160
HRSB1	Stud Bracket for Homerunner Box						20	35

## Features and Benefits:

- Durable die cast aluminum construction for long product life
- Powder paint finish for corrosive environments
- Plugs supplied as standard with 1/2" and 3/4" hubs are non-metallic, 1" hubs are zinc die cast
- Boxes supplied with mounting feet
- Tapered NPT hubs

## Materials and Finishes:

- Boxes: Die Cast Aluminum
- Self Closing Covers: Zinc Die Cast
- Toggle Switch Covers: Stamped Aluminum
- Blank Covers: Steel

## Certifications and Compliances:

- UL Standard UL514A
- UL Listed File No. E15022
- cUL Standard CSA-C22.2 No 18.1-04
- Suitable for wet locations

## SINGLE GANG – 18.0 CUBIC INCH CAPACITY – 2" DEEP CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



TP7010 – TP7012



TP7026, TP7034



TP7042, TP7050



TP7058, TP7066

Cat. #	Description	Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7010	With Lugs	3 – 1/2"	Gray	50	58.3
TP7011	With Lugs	3 – 1/2"	White	50	58.3
TP7012	With Lugs	3 – 1/2"	Bronze	50	58.3
TP7018	With Lugs	3 – 3/4"	Gray	50	58.3
TP7026	With Lugs	4 – 1/2"	Gray	50	58.3
TP7034	With Lugs	4 – 3/4"	Gray	50	58.3
TP7042	With Lugs	5 – 1/2"	Gray	50	58.3
TP7050	With Lugs	5 – 3/4"	Gray	50	58.3
TP7058	Side Entry, With Lugs	5 – 1/2"	Gray	50	58.3
TP7066	Side Entry, With Lugs	5 – 3/4"	Gray	50	58.3

## SINGLE GANG – 24.0 CUBIC INCH CAPACITY – 2 5/8" DEEP CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



TP7074, TP7078, TP7082

Cat. #	Description	Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7074	With Lugs	3 – 1/2"	Gray	25	80
TP7078	With Lugs	3 – 3/4"	Gray	25	80
TP7082	With Lugs	3 – 1"	Gray	25	80

# Weatherproof Outlet Boxes



## TWO GANG – 30.5 CUBIC INCH CAPACITY

2" DEEP, ALL TWO GANG BOXES HAVE 2 MOUNTING LUGS AS STANDARD  
CAST ALUMINUM – UL LISTED FOR WET LOCATIONS

Weatherproof



TP7086 – TP7090



TP7094, TP7098



TP7102, TP7106



TP7110, TP7114



TP7118, TP7122

Cat. #	Description	Unit Qty.	Color	Wt. Lbs. Per 100
TP7086	3 – 1/2" Holes	10	Gray	83.3
TP7087	3 – 1/2" Holes	10	White	83.3
TP7088	3 – 1/2" Holes	10	Bronze	83.3
TP7090	3 – 3/4" Holes	10	Gray	83.3
TP7094	4 – 1/2" Holes	10	Gray	83.3
TP7098	4 – 3/4" Holes	10	Gray	83.3
TP7102	5 – 1/2" Holes	10	Gray	83.3
TP7106	5 – 3/4" Holes	10	Gray	83.3
TP7110	7 – 1/2" Holes	10	Gray	83.3
TP7114	7 – 3/4" Holes	10	Gray	83.3
TP7118	5 – 1/2" Holes	10	Gray	83.3
TP7122	5 – 3/4" Holes	10	Gray	83.3

## TWO AND THREE GANG DEEP

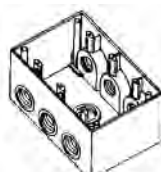
2 5/8" DEEP, ALL BOXES ARE STANDARD WITH MOUNTING LUGS  
CAST ALUMINUM – UL LISTED FOR WET LOCATIONS



TP7126, TP7130, TP7134



TP7137, TP7138, TP7142



TP7143, TP7144

Cat. #	Description	Color	Unit Qty.	Capacity Cu. In.	Wt. Lbs. Per 100
<b>TWO GANG DEEP WEATHERPROOF OUTLET BOXES</b>					
TP7126	5 – 1/2" Holes	Gray	6	37	140
TP7130	5 – 3/4" Holes	Gray	6	37	140
TP7134	5 – 1" Holes	Gray	6	37	140
TP7137	7 – 1/2" Holes	Gray	6	37	140
TP7138	7 – 3/4" Holes	Gray	6	37	140
TP7142	7 – 1" Holes	Gray	6	37	140
<b>THREE GANG DEEP WEATHERPROOF OUTLET BOXES</b>					
TP7143	7 – 3/4" Holes	Gray	5	59	159
TP7144	7 – 1" Holes	Gray	5	59	159

## Dimensions

In Inches:

Single Gang Boxes	Single Gang Deep Boxes	Two Gang Boxes	Two Gang Deep Boxes
<p>TP7010 - TP7071</p>	<p>TP7074 - TP7082</p>	<p>TP7086 - TP7122</p>	<p>TP7126 - TP7142</p>

Weatherproof

## ONE & TWO GANG WEATHERPROOF EXTENSIONS

1" DEEP, DIE-CAST ALUMINUM EXTENSION RING  
GASKET AND MOUNTING SCREWS INCLUDED WITH COVER  
UL LISTED FOR WET LOCATIONS



TP7120



TP7123

Cat. #	Description	Color	Unit Qty.	Capacity Cu. In.	Wt. Lbs. Per 100
TP7120	Single Gang	Gray	25	9	27.2
TP7123	Two Gang	Gray	10	10	27.2

## EXTENSION ADAPTER

DIE-CAST ALUMINUM, UL LISTED FOR WET LOCATIONS 3 CLOSURE PLUGS,  
MOUNTING SCREW AND GASKET INCLUDED WITH COVER



Cat. #	Description	Color	Unit Qty.	Capacity Cu. In.	Wt. Lbs. Per 100
TP7173	4 - 1/2" Holes	Gray	25	13.0	23.6
TP7174	4 - 3/4" Holes	Gray	25	13.0	27.8

# Weatherproof Outlet Boxes



## 4" ROUND – 15.5 CUBIC INCH CAPACITY

1½" DEEP, DIE-CAST ALUMINUM, UL LISTED FOR WET LOCATIONS  
 4 CLOSURE PLUGS AND GROUND SCREW INCLUDED WITH BOX  
 GASKET AND 2 MOUNTING SCREWS INCLUDED WITH COVER

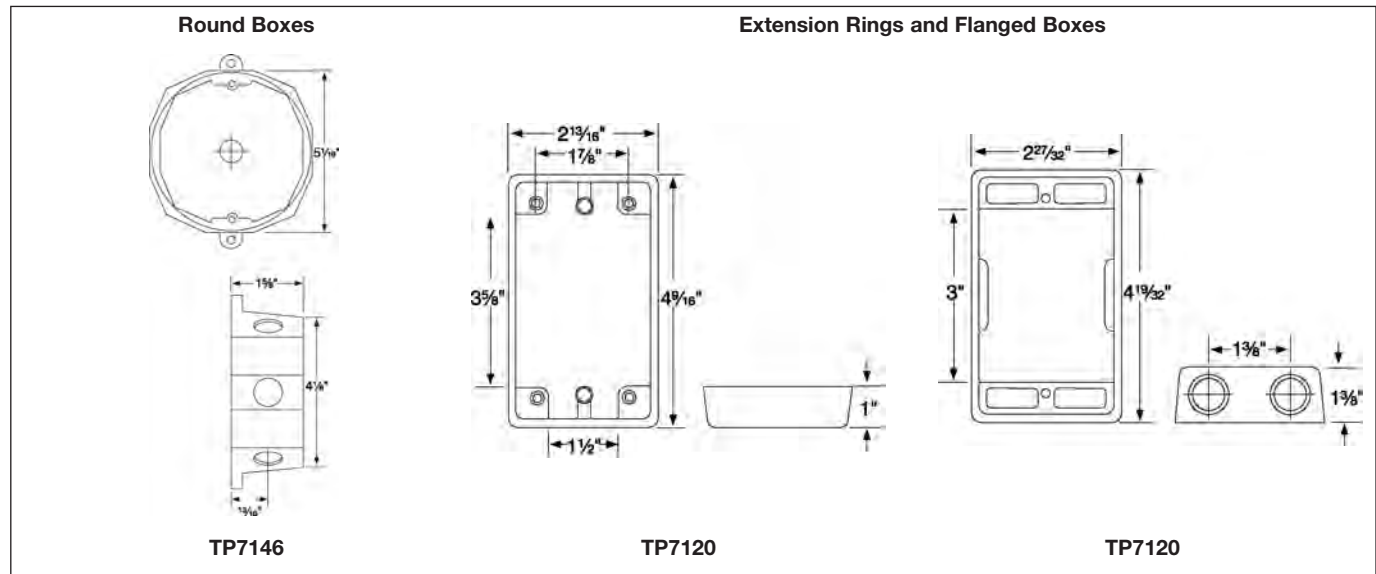
Weatherproof



Cat. #	Side Holes	Back Hole	Unit Qty.	Color	Wt. Lbs. Per 100
TP7146	4 – ½"	½"	25	Gray	79.2
TP7148	4 – ½"	½"	25	White	79.2
TP7149	4 – ½"	½"	25	Bronze	79.2
TP7150	4 – ¾"	¾"	25	Gray	79.2
TP7158	Blank Cover Plate		50	Gray	20.8
<b>WITH BLANK PLATE</b>					
TP7147	4 – ½"	½"	24	Gray	100
TP7151	4 – ¾"	¾"	24	Gray	100
<b>2" DEEP ROUND WEATHERPROOF OUTLET BOX EXTENSION (18.3 CUBIC INCH CAPACITY)</b>					
TP7152	4 – ½"	—	25	Gray	58.3

## Dimensions

In Inches:



## CLOSURE PLUGS – ZINC DIE-CAST\*

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7940	1/2"	Gray	100	1.5
TP7942	1/2"	Bronze	100	1.5
TP7944	3/4"	Gray	50	2.1
TP7948	1"	Gray	50	3

\*CSA certified



## ONE GANG

### SELF-CLOSING COVERS WITH GASKETS UL LISTED, DIE-CAST ALUMINUM



TP7199



TP7202



TP7206 – TP7209



TP7218



TP7236 - TP7238



TP7240 - TP7242



TP7244



TP7232

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7199	One Gang Vertical Duplex Cover	Gray	50	61.1
TP7202	One Gang – For Single Receptacle or Switch – 1.52" Dia. Opening	Gray	25	42.0
TP7206	One Gang – For Duplex Receptacle or Combination Switch	Natural	50	38.0
TP7207	One Gang – For Duplex Receptacle or Combination Switch	Gray	50	38.0
TP7208	One Gang – For Duplex Receptacle or Combination Switch	White	50	38.0
TP7209	One Gang – For Duplex Receptacle or Combination Switch	Bronze	50	38.0
TP7214	One Gang Vertical – For Single Receptacle or Switch 1.62" Dia. Opening	Gray	25	61.1
TP7218	One Gang – For 20, 30 and 50 A Receptacles (2.125" Dia.)	Gray	25	55.6
TP7232	One Gang Stay Open – For Duplex Receptacles, Switches or Combination Devices, Non UL Listed	Natural	50	38.0
TP7233	One Gang Stay Open – For Duplex Receptacles, Switches or Combination Devices, Non UL Listed	Gray	50	38.0
TP7236	One Gang – For Horizontal GFI Devices	Gray	25	42
TP7237	One Gang – For Horizontal GFI Devices	White	25	42
TP7238	One Gang – For Horizontal GFI Devices	Bronze	25	42
TP7240	One Gang – For Vertical GFI Devices	Gray	25	54
TP7241	One Gang – For Vertical GFI Devices	White	25	54
TP7242	One Gang – For Vertical GFI Devices	Bronze	25	54

Weatherproof

## TWO GANG

**SELF-CLOSING GFI COVERS WITH GASKETS  
UL LISTED, DIE-CAST ALUMINUM**

Weatherproof



TP7220



TP7224



TP7228



TP7248



TP7252

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7220	Two Gang – For Two Single Receptacles and/or Switches	Gray	10	66.7
TP7224	Two Gang – For One Single Receptacle or Switch and One Duplex Receptacle, Switch or Combination Device	Gray	10	62.0
TP7228	Two Gang – For Two Duplex Receptacles, Switches or Combination Device	Gray	10	61.1
TP7244	Two Gang – For Vertical GFI Devices and One Single Switch or Receptacle	Gray	10	61.1
TP7248	Two Gang – For One Vertical GFI Device and One Duplex Receptacle, Switch or Combination Device	Gray	10	61.1
TP7252	Two Gang – For Two GFI Devices	Gray	10	55.6

## ONE & TWO GANG

**TOGGLE SWITCH COVERS  
WITH GASKETS STAMPED ALUMINUM  
UL LISTED**



TP7260  
5/8" Thick



TP7268

Cat. #	Description	Unit Qty.	Wt. Lbs. Per 100
TP7260	One Gang With 15A 125V Single Pole Switch	50	27.8
TP7268	Two Gang	10	16.7
TP7272	Two Gang With 2 – 15A 125V Single Pole Switch	10	33.3
TP7276	Two Gang With 2 – 15A 125V 3-Way Switch	10	33.3
TP7280	One Gang Extended Switch Cover – (for use with Standard Switch)	50	34.1



## WHILE-IN-USE COVERS

### FOR ONE & TWO GANG BOXES "CONSTANT USE" DUPLEX/GFI COVER UL & CSA LISTED, POLYCARBONATE

Single gang covers have a patented design with moveable hinges that reposition easily for vertical or horizontal mounting, with no tools required.



Cooper Crouse-Hinds' new while-in-use covers offer a rugged versatile design that protects against various elements such as rain, snow, and ice. They are available in gray and white, single gang, single gang deep, and double gang to offer 98 different configurations! The single gang covers have a patented design with moveable hinges that reposition easily for vertical or horizontal mounting, with no tools required. They are great for use with vending machines, holiday lighting, portable signs, outdoor lighting, outdoor hot tubs, and more!

### Features:

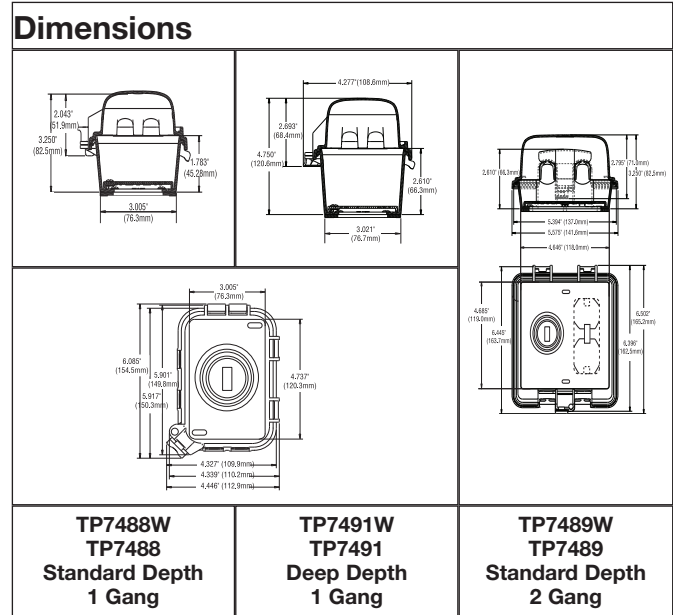
- Rugged UV resistant polycarbonate cover and back protects device inside from rain, sleet, and snow without cracking or breaking and is non-corrosive and non-conductive
- Covers have a versatile product design with moveable hinges that reposition for vertical/horizontal mounting, which reduces the number of SKUs
- Each cover includes a pre-mounted neoprene gasket on the back, ensuring the gasket cannot fall off or be improperly positioned during installation - assuring a weatherproof installation every time!
- Available in 1 Gang, Self-closing Cover, Standard (3.25") and Deep (4.75") depths
- Available in 2 Gang, Self-closing Cover, Standard (3.25") depth
- Meets and exceeds outdoor lighting requirements
- Lockable cover (with customer added locking device) adds security
- Available in both gray and white to meet customer preference

### Certifications and Compliances:

- UL and cUL Listed
- Meets NEMA 3R requirements

### Standard Materials:

- Cover, Back, and Hinges: Polycarbonate
- Gasket: Neoprene



Weatherproof

### Ordering Information

Catalog No.	Description	# of Configurations using inserts & moveable hinges	Color	Unit Qty.	Wt. Lbs. Per 100
TP7488	1 Gang, 3.25" Standard Depth, Self-closing Cover, Horizontal/Vertical Mount	16	Gray	6	45
TP7491	1 Gang, 4.75" Deep Depth, Self-closing Cover, Horizontal/Vertical Mount	16	Gray	3	48
TP7489	2 Gang, 3.25" Standard Depth, Self-closing Cover, Vertical Mount	66	Gray	4	77
TP7488W	1 Gang, 3.25" Standard Depth, Self-closing Cover, Horizontal/Vertical Mount	16	White	6	45
TP7491W	1 Gang, 4.75" Deep Depth, Self-closing Cover, Horizontal/Vertical Mount	16	White	3	48
TP7489W	2 Gang, 3.25" Standard Depth, Self-closing Cover, Vertical Mount	66	White	4	77

# Weatherproof Outlet Covers



## BLANK STEEL

WITH GASKETS  
UL LISTED FOR WET LOCATIONS

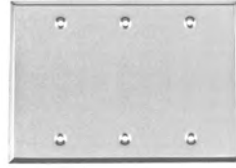
Weatherproof



TP7292 – TP7294



TP7296 – TP7298



TP7295



TP7158 – 7160

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7292	One Gang	Gray	100	8.3
TP7293	One Gang	White	100	8.3
TP7294	One Gang	Bronze	100	8.3
TP7296	Two Gang	Gray	50	12.5
TP7297	Two Gang	White	50	12.5
TP7298	Two Gang	Bronze	50	12.5
TP7295	Three Gang	Gray	25	17
TP7158	Blank Round	Gray	50	21
TP7159	Blank Round	White	50	21
TP7160	Blank Round	Bronze	50	21

## ROUND AND RECTANGULAR

WITH GASKETS, DIE-CAST ALUMINUM, UL LISTED FOR WET LOCATIONS  
FOR USE WITH WEATHERPROOF LAMPHOLDERS



TP7300 – 7302



TP7308 – 7310



TP7312 – 7314



TP7320 – 7322

Cat. #	Description	No. of Outlet Holes	Color	Unit Qty.	Wt. Lbs. Per 100
TP7300	4½" Round	1 – ½"	Gray	25	20.8
TP7301	4½" Round	1 – ½"	White	25	20.8
TP7302	4½" Round	1 – ½"	Bronze	25	20.8
TP7308*	4½" Round	3 – ½"	Gray	25	33.3
TP7309*	4½" Round	3 – ½"	White	25	33.3
TP7310*	4½" Round	3 – ½"	Bronze	25	33.3
TP7312	Rectangular	1 – ½"	Gray	25	33.3
TP7313	Rectangular	1 – ½"	White	25	33.3
TP7314	Rectangular	1 – ½"	Bronze	25	33.3
TP7316	Rectangular	2 – ½"	Gray	25	33.3
TP7317	Rectangular	2 – ½"	White	25	33.3
TP7318	Rectangular	2 – ½"	Bronze	25	33.3
TP7320	Rectangular	3 – ½"	Gray	25	33.3
TP7321	Rectangular	3 – ½"	White	25	33.3
TP7322	Rectangular	3 – ½"	Bronze	25	33.3

\*Comes with closure plug

## LAMPHOLDERS AND ACCESSORIES

DIE-CAST ALUMINUM CONSTRUCTION, UP TO 150 WATTS, WITH LAMP GASKET, UL LISTED



TP7162 – TP7165



TP7166



TP7176

Weatherproof

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7162	Universal Par Lampholder	Natural	36	47.2
TP7163	Universal Par Lampholder	Gray	36	47.2
TP7164	Universal Par Lampholder	White	36	47.2
TP7165	Universal Par Lampholder	Bronze	36	47.2
TP7166	Universal Par Lampholder With External Gasket	Gray	36	50
TP7170	External Gasket Only	—	100	3
TP7176	Clamp-On Guard	—	24	50

## WEATHERPROOF LAMPHOLDERS AND ACCESSORIES

DIE-CAST ALUMINUM CONSTRUCTION, UP TO 150 WATTS, WITH LAMP GASKET, UL LISTED



TP7178



TP7186



TP7188  
(Aluminum)

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7178	Par Lampholder With Reflector	Gray	6	166.7
TP7186	Portable Par Lampholder With 6' Cord	Gray	12	100
TP7188	2 1/2" Outside Diameter Pole Fitter with 1/2" Male Thread	Gray	24	50

## LAMPHOLDER COMBINATIONS

DIE-CAST ALUMINUM CONSTRUCTION, WITH GASKETS, UL LISTED



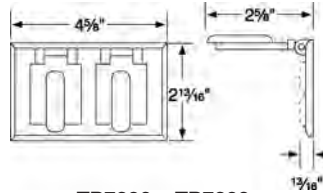
TP7330 – TP7332

Cat. #	Description	Color	Unit Qty.	Wt. Lbs. Per 100
TP7330	2 Par Lampholders and 3-Hole Round Cover	Gray	10	137.5
TP7331	2 Par Lampholders and 3-Hole Round Cover	White	10	137.5
TP7332	2 Par Lampholders and 3-Hole Round Cover	Bronze	10	137.5

## Dimensions

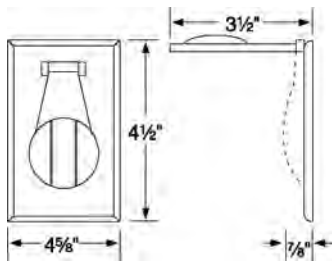
In Inches:

Single Gang, Duplex Receptacle Covers



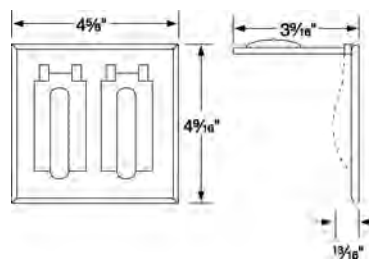
TP7206 - TP7209

Single Gang, Single Receptacle Covers - Vertical Mount



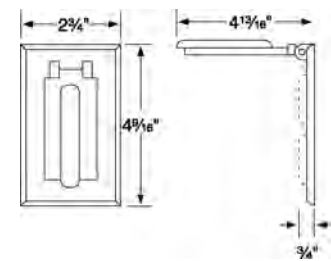
TP7202

Two Gang, Single Receptacle Covers



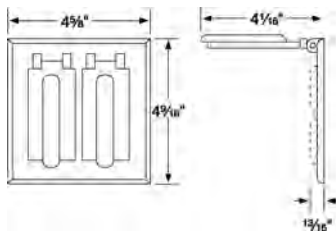
TP7220

Single Gang, Duplex Receptacle Covers - Vertical Mount



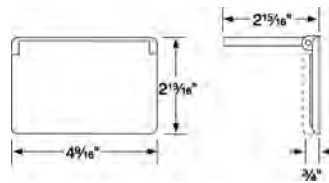
TP7199

Two Gang, Duplex Receptacle Covers



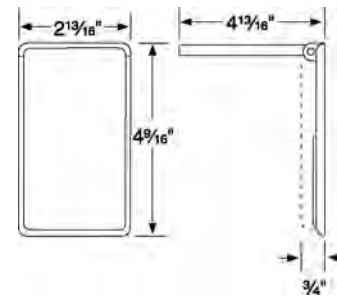
TP7228

Single Gang, GFCI Covers Horizontal Mount



TP7236 - TP7238

Single Gang, GFCI Covers Vertical Mount



TP7240 - TP7242

# Weatherproof Outlet Covers



## Dimensions In Inches:

Lampholders

<p><b>Two Gang, GFCI Covers</b></p> <p>TP7248</p>	<p><b>Blank Covers</b></p> <p>TP7292 - TP7294</p>	<p><b>Blank Covers</b></p> <p>TP7296 - TP7298</p>
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<p><b>Blank Covers</b></p> <p>TP7158</p>	<p><b>Single Gang, Switch Covers Vertical Mount</b></p> <p>TP7256</p>	<p><b>Lampholders</b></p> <p>TP7162 - TP7165</p>
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<p><b>Hooded Lampholder</b></p> <p>TP7178</p>	<p><b>Rectangular Lampholder Covers</b></p> <p>TP7312 - TP7322</p>	<p><b>Round Lampholder Covers</b></p> <p>TP7300 - TP7310</p>
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## Flexible Fixture Hangers

Cooper Crouse-Hinds TPSFH & TPRFH flexible fixture hangers are used in commercial or light industrial applications where HID high bay and low bay lighting fixtures are used. Specific applications include storage facilities, shipping warehouses, retail and DIY facilities.

### Features and Benefits:

- Suitable for use with 1/2" or 3/4" fixture conduit stems these hangers allow the conduit stem of the fixture (luminaire) to swing in any direction. Maximum swing angle is 26° from vertical max slope angles 22 1/2°
- Available in two styles; one for attachment to round or octagonal steel boxes, the other for attachment to 4" square steel boxes.
- Both styles are quickly and easily attached by two screws.
- Hangers are drilled and tapped for use with 3/4" conduit stem as standard and come supplied with a 3/4" - 1/2" reducer for 1/2" conduit stem applications.

### Certifications and Compliances:

- UL Listed – UL 1598
- CSA C22.2 No. 250
- Suitable for Damp Locations

### Materials and Finishes:

- Material: Sheet Steel
- Finish: Zinc Chromate for corrosion resistance

## Swiv-L-Drop™ Canopy Fixture Hangers

The Swiv-L-Drop Canopy hanger utilizes a patented spring design to provide vibration and shock protection for pendant mounted fixtures in both horizontal and vertical directions. Designed to fit 3" or 4" outlet boxes the Swiv-L-Drop is for use with 1/2" fixture conduit stems. The smooth, white canopy provides an aesthetically pleasing appearance and installs quickly and easily without the use of tools.

### Certifications and Compliances:

- UL Listed – UL 1598
- Suitable for Dry Locations

### Materials and Finishes:

- Material: Sheet Steel
- Finish: Canopy – painted white

## Sway Adapters

The Sway Adapter installs quickly and easily to pendant mounted fixtures and compensates for shocks and motion due to movements, vibration, earthquakes or other sources by allowing for lateral movement up to 45 degrees. The Sway Adapter can be used independently or in conjunction with the Swiv-L-Drop hanger. The Sway Adapter is also finished in an aesthetically pleasing white painted finish and is designed for use with 1/2" conduit stems and has 3/8" male threads.

### Certifications and Compliances:

- UL Listed – UL 1598
- Suitable for Dry Locations

### Materials and Finishes:

- Material: Sheet Steel
- Finish: sway adapter – painted white



Description	Support Wt. (lbs)	Cat. #
For use with 4" Round or Octagon Boxes	50	TPRFH12
For use with 4" Square boxes	50	TPSFH12



Description	Support Wt. (lbs)	Cat. #
Swiv-L-Drop Canopy Hanger for use with 3" or 4" Outlet boxes for use with 1/2" Conduit Stems. Painted.	50*	S 1 1/2 PAINTED
Swiv-L-Drop Canopy Hanger for use with 3" or 4" Outlet boxes for use with 1/2" Conduit Stems. Unpainted.	50*	S 1 1/2 UNPAINTED
For use with 3/8" Conduit Stems. Painted.	50*	S 1 3/8 PAINTED
For use with 3/8" Conduit Stems. Unpainted.	50*	S 1 3/8 UNPAINTED

\*65 lbs. rated with a minimum 12-inch stem if fully supported by other than an outlet box.



Description	Cat. #
Sway adapter for use with 1/2" Conduit Stem (male thread is 3/8")	SA 1W



## Key Features and Benefits:

- Durable die cast housing and guard for long product life
- Powder paint finish for corrosive environments
- Available in pendant, box and wall mounts
- Fixtures may be purchased complete or as components
- Fixtures constructed of Die-Cast Aluminum, Screw on Guards are Zinc Die-Cast
- Heat Resistant Clear Globe Available on 100 watt series
- Wire Guard Available

## Certifications and Compliances:

- UL Standard UL1598
- UL Listed File No. E15625
- cUL Standard CSA-C22.2 No 250.0
- Suitable for Wet Locations
- 100W max incandescent series is UL approved for 27W max SBCFL (equivalent to 100W incandescent)
- 200W max incandescent series is UL approved for 42W max SBCFL (equivalent to 200W incandescent)

Clear glass is standard, colors are available, plastic (polycarbonate) globes which are virtually unbreakable are available in colors and are used as an alternative to glass globe-guard combinations (not recommended to exceed 60 watts).

## VAPOR PROOF FIXTURES – GASKETED CORROSION RESISTANT

DIE-CAST CONSTRUCTION, GLASS GLOBES, DIE-CAST GUARDS, UL LISTED



TP7600,  
TP7601,

TP7800,  
TP7801,  
TP7860

TP7610,  
TP7611,  
TP7805

TP7620,  
TP7621

TP7810,  
TP7811

TP7630,  
TP7815

TP7640

TP7820

TP7650,  
TP7825

Cat. #	Description	Hole Size	Watts	Std. Unit Carton	Wt. Lbs. Per 100
<b>4" BOX MOUNTED</b>					
TP7600*	Clear Globe, Cast Guard	1/2"	100	1	325
TP7601	Clear Globe, Cast Guard	3/4"	100	1	324
TP7800	Clear Globe, Wire Guard	1/2"	200	1	516.7
TP7801	Clear Globe, Wire Guard	3/4"	200	1	516
TP7860	Fluorescent Clear Globe, Wire Guard	1/2"	13	1	413
TP7610	Clear Globe	1/2"	100	1	258.3
TP7611	Clear Globe	3/4"	100	1	258
TP7805	Clear Globe	1/2"	200	1	283.3
<b>PENDANT MOUNT</b>					
TP7620	Clear Globe, Cast Guard	1/2"	100	1	300
TP7621	Clear Globe, Cast Guard	3/4"	100	1	299
TP7810	Clear Globe, Wire Guard	1/2"	200	1	350
TP7811	Clear Globe, Wire Guard	3/4"	200	1	349
TP7630	Clear Globe	1/2"	100	1	208.4
TP7815	Clear Globe	1/2"	200	1	258.4
<b>SURFACE MOUNT, FITS 3" and 4" ROUND BOXES</b>					
TP7640	Clear Globe, Cast Guard	—	100	1	275
TP7820	Clear Globe, Wire Guard	—	200	1	333.3
TP7650	Clear Globe	—	100	1	216.7
TP7825	Clear Globe	—	200	1	180

\*Suitable for base-up applications



# Vapor Proof Lighting Incandescent



Vapor Proof



TP7670, TP7835



TP7825

Cat. #	Description	Watts	Std. Unit Carton	Wt. Lbs. Per 100
<b>RIGHT ANGLE BRACKET FIXTURES</b>				
TP7660	Clear Globe, Cast Guard	100	1	300
TP7830	Clear Globe, Wire Guard	200	1	516.7
TP7670	Clear Globe	100	1	200
TP7835	Clear Globe	200	1	400
<b>BOX MOUNTED</b>				
TP7680	Clear Globe, Cast Guard	100	1	350
TP7840	Clear Globe, Wire Guard	200	1	560
TP7825	Clear Globe	200	1	450
<b>FLUORESCENT</b>				
TP7870	Clear Globe, Wire Guard	13	1	462

## VAPOR PROOF COMPONENTS



Pendant



Ceiling Box Cap



Ceiling Box



Right Angle



Right Angle/Box

Cat. #	Description	Watts	Std. Unit Carton	Wt. Lbs. Per 100
<b>PENDANT CAP, PORCELAIN SOCKET GASKET AND SCREWS</b>				
TP7496	Gray, 1/2"	100	10	18
TP7497	Gray, 3/4"	100	10	18
TP7498	Gray, 1/2"	200	10	10
TP7499	Gray, 3/4"	200	10	10
<b>CEILING BOX CAP, SOCKET GASKET AND SCREWS</b>				
TP7447	Gray	100	10	12
TP7479	Gray	200	10	12
<b>CEILING MOUNT BOX WITH GASKETS, PORCELAIN SOCKET AND SCREWS</b>				
TP7450	Gray, 1/2"	100	10	19
TP7478	Gray, 3/4"	100	10	19
TP7451	Gray, 1/2"	200	10	19
TP7479	Gray, 3/4"	200	10	19
<b>RIGHT ANGLE BRACKET GASKET, SOCKET, SCREWS</b>				
TP7445	Gray	100	10	21
TP7446	Gray	200	6	12
<b>RIGHT ANGLE BRACKET ATTACHED BOX, GASKET, SOCKET AND SCREWS</b>				
TP7440	Gray, 1/2"	100	1	3

## VAPOR PROOF FIXTURE ACCESSORIES



TP7460 - TP7466



TP7468 - TP7472



TP7474, TP7475



TP7476



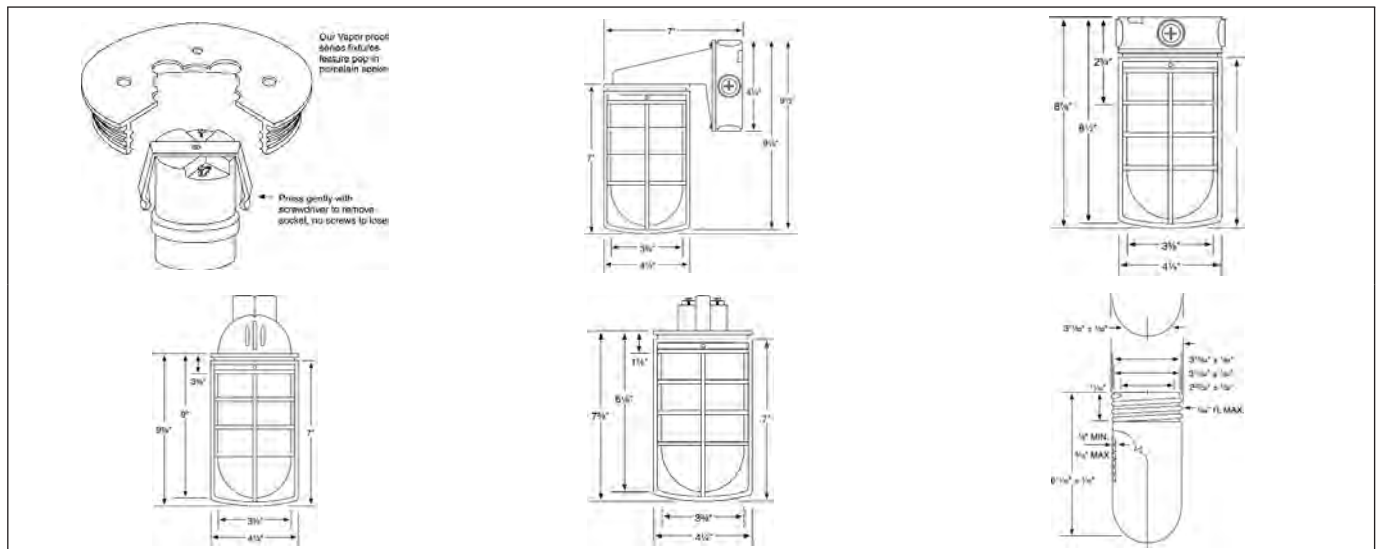
TP7477

Vapor Proof

Cat. #	Description	Watts	Std. Unit Carton	Wt. Lbs. Per 100
TP7460	Glass Clear Globe, 130 °F Max	100	12	98
TP7462	Glass Amber Globe	100	12	120
TP7463	Glass Blue Globe	100	12	120
TP7464	Glass Green Globe	100	12	120
TP7466	Glass Clear Globe	200	6	200
TP7468	Lexan Clear Prismatic	75	12	58.4
TP7469	Lexan Blue Prismatic	60	12	58.4
TP7470	Lexan Red Prismatic	75	12	58.4
TP7471	Lexan Amber Prismatic	75	12	58.4
TP7472	Lexan White	75	12	58.4
TP7474	Bayonet Mount Die-Cast Guard	100	12	108.4
TP7475	Wire Guard	200	6	183.4
TP7476	Clamp-On Wire Guard	100	12	62.5
TP7477	Adapter Plate	—	12	62.5

## VAPOR PROOF DIMENSIONS

### 100 WATT DIMENSIONS



### 200 WATT

Cat. #	Length	Overall Width	Depth
TP7830	12 1/2"	5 1/2"	6 1/8"
TP7840	12 1/2"	5 1/2"	8"
TP7820	7 1/2"	4 1/2"	—
TP7810	11 1/2"	5 1/2"	—
TP7800	10 3/4"	5 1/2"	—

## PHOTOELECTRIC LIGHTING CONTROLS

Photoelectric



TP7925



TP7927 - TP7928

### Applications:

- Use for sunset activated automatic control of night lighting
- May be used to control outdoor lighting and signs

### Features:

- Durable weatherproof construction
- Built-in time delay prevents operation triggered by temporary light flashes

Cat. #	Description	Std. Unit Pkg.	Wt. Lbs. Per 100
TP7925	1200W Swivel Photo Cell 120V	10	8.3
TP7927	300W Photo Cell 120V	10	8.3
TP7928	1000W Photo Cell 208 - 277V	10	8.3

## Application and Selection

### Applications:

Junction boxes, designed for hazardous and non-hazardous locations, are used in a variety of industries to perform the following functions:

- As a pull box
- To provide enclosures for splices and taps
- As a mounting box for multi-device control stations
- For housing apparatus, instruments, and other devices

### Considerations for Selection:

- Environmental location – the physical location of the junction box will call for proper construction of the box to meet National Electrical Code requirements and will affect the material and finish needed to meet weather and corrosive conditions, if present.
- Number and size of conductors – combined with the function to be performed (i.e., splicing, pull box), determines the amount of space needed, and therefore, the required physical dimensions of the box.
- Conduit layout – determines the number, size, and location of the conduit openings in the box. It will also determine the type of mounting required (i.e., flush or surface positioning of the box).
- Flexibility required – if changes in the electrical system are anticipated, the box chosen should be easily adaptable, either by construction or size to the future system.

### Options and Accessories:

A wide variety of options and accessories for special application are available for the various junction box families. These can be selected once the type of junction box has been determined. These options are shown on the individual pages. Some of the options available include:

- Special covers
- Hinged covers
- Materials and finishes
- Equipment mounting plates
- Conduit or device openings
- *Corro-free*™ epoxy powder coat – information available on request

### Quick Selector Chart

Junction Boxes	Environmental Capability/Type Designation	Size Range† L, W, D Inside	Max. Conduit Opening Size	Mtg.	Cover Type	Cover Material
WAB	Raintight/Type 3, 4 Dust-tight/Type 12	4 x 4 x 2 to 72 x 30 x 16	5	Surface	Unflanged	Steel
WCB	Raintight/Type 3, Watertight/Type 4, Dust-tight/Type 12	4 x 4 x 2 to 72 x 30 x 16	5	Surface	Overlapping	Cast iron
WJB	Raintight/Type 3, Watertight/Type 4	4 x 4 x 3 to 72 x 30 x 16	6	Surface	Flanged	Steel
WJBF	Raintight/Type 3, Watertight/Type 4	4 x 4 x 4 to 72 x 30 x 16	6	Flush	External flanged recessed sidewalk	Steel (checkered)
WEB	Raintight/Type 3	4 x 4 x 3 to 36 x 36 x 12	6	Flush	Internal Flanged	Steel

†Length and width are inside dimensions. Depth is inside dimension without cover.

### Drilled and Tapped Conduit Openings or Slip Holes:

All W-Series cast-iron junction boxes may be ordered with drilled and tapped conduit openings or slip holes - subject to minimum spacing limitations.

To order a box from the factory with conduit openings, consult factory.

# WJBF Checkered Cover Sidewalk Junction Boxes

**Heavy Duty**  
**External Flanged for Flush Mounting**

Weatherproof  
Watertight  
Raintight  
NEMA 3, 4, 5  
Cl. II, Groups E, F, G  
Cl. III



W-Series Boxes

## Applications:

WJBF boxes are primarily designed for surface mounting. WJBF heavy duty junction boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

## Features:

- Covers are suitable for vehicular traffic (H20 loading)
- Neoprene gasket cemented to cover
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system
- Internal equipment mounting pads may be drilled and tapped for 1/4" - 20 mounting screws
- Blind tapped into internal mounting pads
- Mounting straps are standard on smaller sized boxes up to 8x8x6, for larger sizes consult factory

## Certifications and Compliances:

- CSA Standard C22.2 No. 25
- Weatherproof
- Watertight
- NEMA 3, 4, 5
- NEMA 250
- CEC:
  - Class II, Division 1, Groups E, F, G
  - Class III
  - Encl. 3, 4, 5
- H20 Vehicle Load Rating\*

\*Self certify to H20 vehicle load rating equivalent to 16,000 lbs. on cover center.

## Standard Materials:

- *Feraloy*® iron alloy body
- Heavy-gauge steel (checkered) - cover, mounting straps
- Neoprene gaskets
- Stainless steel cover screws

## Standard Finishes:

- *Feraloy* iron alloy and heavy-gauge steel - hot-dip galvanized

## Options:

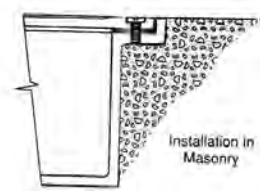
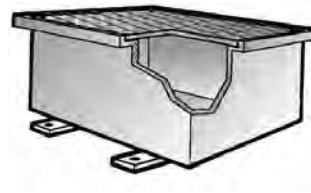
### Description

Factory installed mounting plate  
Material - all sizes, cast aluminum  
Drilled and tapped conduit holes and slip holes available, Consult Factory

**Suffix**  
**MP**  
**SA**

## Size Ranges:

- 4" x 4" x 2" to 72" x 30" x 16"



## Ordering Information:

Cat. #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)
WJBF040404	1/4	4	4	4
WJBF060404	1/4	6	4	4
WJBF060604	1/4	6	6	4
WJBF060606	1/4	6	6	6
WJBF080604	1/4	8	6	4
WJBF080606	1/4	8	6	6
WJBF080804	1/4	8	8	4
WJBF080806	1/4	8	8	6
WJBF080808	1/4	8	8	8
WJBF100806	1/4	10	8	6
WJBF100808	1/4	10	8	8
WJBF101006	1/4	10	10	6
WJBF101008	1/4	10	10	8
WJBF120606	1/4	12	6	6
WJBF120806	1/4	12	8	6
WJBF120808	1/4	12	8	8
WJBF120810	5/16	12	8	10
WJBF121206	1/4	12	12	6
WJBF121208	1/4	12	12	8
WJBF121212	5/16	12	12	12
WJBF121218	5/16	12	12	18
WJBF140806	1/4	14	8	6
WJBF141410	5/16	14	14	10
WJBF161206	1/4	16	12	6
WJBF161208	1/4	16	12	8
WJBF161606	1/4	16	16	6
WJBF180806	1/4	18	8	6
WJBF180808	1/4	18	8	8
WJBF181006	5/16	18	10	6
WJBF181206	5/16	18	12	6
WJBF181208	5/16	18	12	8
WJBF181210	3/8	18	12	10
WJBF181212	5/16	18	12	12
WJBF181218	3/8	18	12	18
WJBF181806	3/8	18	18	6
WJBF181808	3/8	18	18	8
WJBF181812	3/8	18	18	12
WJBF181818	3/8	18	18	18
WJBF241208	3/8	24	12	8
WJBF241212	3/8	24	12	12
WJBF241808	3/8	24	18	8
WJBF241810	3/8	24	18	10
WJBF241812	3/8	24	18	12
WJBF241818	3/8	24	18	18
WJBF242412	3/8	24	24	12
WJBF242418	3/8	24	24	18
WJBF242424	3/8	24	24	24
WJBF302412	3/8	30	24	12
WJBF302418	3/8	30	24	18
WJBF362418	3/8	36	24	18
WJBF362424	3/8	36	24	24

Larger sizes available up to 72" x 30" x 16" - Consult Factory

# WJB Junction Boxes

**Heavy Duty**  
**Flanged for Surface Mounting**

Weatherproof  
Watertight  
Raintight  
NEMA 3, 4, 5  
Cl. II, Groups E, F, G  
Cl. III



## Applications:

WJB boxes are primarily designed for surface mounting. WJB heavy duty junction boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical equipment

## Features:

- Covers are suitable for vehicular traffic (H2O loading)
- Neoprene cover gasket.
- Wide range of drilled and tapped conduit entrance sizes and locations permits extreme flexibility of use in conduit system.
- Internal equipment mounting pads may be drilled and tapped for 1/4" - 20 mounting screws.
- Blind tapped into internal mounting pads.
- Mounting straps are standard on smaller sized boxes up to 8x8x6, for larger sizes consult factory

## Certifications and Compliances:

- CSA Standard C22.2 No. 25
- Weatherproof
- Watertight\*
- NEMA 3, 4, 5
- NEMA 250
- CEC:
  - Class II, E, F, G
  - Class III
  - Encl. 3, 4, 5
- H2O Vehicle Load Rating

## Standard Materials:

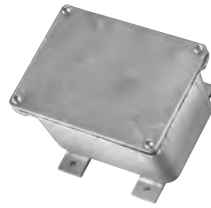
- *Feraloy*® iron alloy body
- Heavy-gauge steel – cover and mounting straps
- Neoprene gaskets
- Stainless steel cover screws

## Standard Finishes:

- *Feraloy* iron alloy and heavy-gauge steel – hot-dip galvanized

## Options:

<b>Description</b>	<b>Suffix</b>
Factory installed mounting plate	<b>MP</b>
Material - all sizes, cast aluminum	<b>SA</b>
Drilled and tapped conduit holes and slip holes available, Consult Factory	



## Ordering Information:

Cat. #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)
WJB040403	1/4	4	4	3
WJB040404	1/4	4	4	4
WJB060404	1/4	6	4	4
WJB060604	1/4	6	6	4
WJB060606	1/4	6	6	6
WJB080604	1/4	8	6	4
WJB080606	1/4	8	6	6
WJB080804	1/4	8	8	4
WJB080806	1/4	8	8	6
WJB080808	1/4	8	8	8
WJB100806	1/4	10	8	6
WJB100808	1/4	10	8	8
WJB101006	1/4	10	10	6
WJB101008	1/4	10	10	8
WJB120606	1/4	12	6	6
WJB120806	1/4	12	8	6
WJB120808	1/4	12	8	8
WJB120810	1/4	12	8	10
WJB121206	5/16	12	12	6
WJB121208	5/16	12	12	8
WJB121212	5/16	12	12	12
WJB121218	5/16	12	12	18
WJB140806	5/16	14	8	6
WJB141410	5/16	14	14	10
WJB161206	5/16	16	12	6
WJB161208	5/16	16	12	8
WJB161606	5/16	16	16	6
WJB180806	5/16	18	8	6
WJB180808	5/16	18	8	8
WJB181006	5/16	18	10	6
WJB181206	5/16	18	12	6
WJB181208	5/16	18	12	8
WJB181210	5/16	18	12	10
WJB181212	5/16	18	12	12
WJB181218	5/16	18	12	18
WJB181806	3/8	18	18	6
WJB181808	3/8	18	18	8
WJB181812	3/8	18	18	12
WJB181818	3/8	18	18	18
WJB241208	3/8	24	12	8
WJB241212	3/8	24	12	12
WJB241808	3/8	24	18	8
WJB241810	3/8	24	18	10
WJB241812	3/8	24	18	12
WJB241818	9/16	24	18	18
WJB242412	9/16	24	24	12
WJB242418	9/16	24	24	18
WJB242424	9/16	24	24	24
WJB302412	9/16	30	24	12
WJB302418	9/16	30	24	18
WJB362418	9/16	36	24	18
WJB362424	9/16	36	24	24

Larger sizes available up to 72" x 30" x 16" - Consult Factory

W-Series Boxes



# WAB Junction Boxes

Dust-tight  
Weatherproof  
NEMA 3, 4, 12

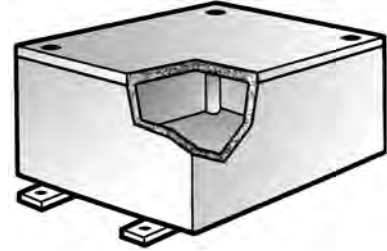


## Heavy Duty Unflanged for Surface Mounting

### Applications:

Where a heavy duty dustproof, weatherproof enclosure is desired, WAB boxes are installed in conduit system to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical devices



W-Series  
Boxes

### Features:

- Flat neoprene cover gasket.
- Wide range of drilled and tapped and slip hole conduit entrance sizes and locations permits extreme flexibility of use in conduit system.
- Internal equipment mounting pads available blind tapped for 1/4" - 20 mounting screws.
- Blind tapped into internal mounting pads.
- Mounting straps are standard on smaller sized boxes up to 8x8x6, for larger sizes consult factory

### Certifications and Compliances:

- Dust-tight
- Weatherproof
- NEMA 3, 4, 12
- NEMA 250

### Standard Materials:

- *Feraloy*® iron alloy body
- Heavy-gauge steel cover
- Neoprene gaskets
- Stainless steel cover screws
- Steel mounting straps

### Standard Finishes:

- *Feraloy* iron alloy and heavy gauge steel - hot dip galvanized

### Options:

#### Description

Factory installed mounting plate  
Material - all sizes, cast aluminum  
Drilled and tapped conduit holes and  
slip holes available, Consult Factory

#### Suffix

MP  
SA

### Size Ranges:

- 4" x 4" x 2" to 72" x 30" x 16"

### Ordering Information:

Cat. #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)
WAB040402	5/32	4	4	2
WAB040403	3/16	4	4	3
WAB040404	1/4	4	4	4
WAB050503	1/4	5	5	3
WAB050504	1/4	5	5	4
WAB060403	1/4	6	4	3
WAB060404	7/32	6	4	4
WAB060603	1/4	6	6	3
WAB060604	3/16	6	6	4
WAB060606	9/32	6	6	6
WAB080403	5/16	8	4	3
WAB080604	7/32	8	6	4
WAB080606	5/16	8	6	6
WAB080804	5/16	8	8	4
WAB080806	5/16	8	8	6
WAB080808	5/16	8	8	8
WAB090604	5/16	9	6	4
WAB100604	1/4	10	6	4
WAB100804	1/4	10	8	4
WAB100806	9/32	10	8	6
WAB101006	1/4	10	10	6
WAB120604	9/32	12	6	4
WAB120606	9/32	12	6	6
WAB120806	9/32	12	8	6
WAB120808	3/8	12	8	8
WAB121204	9/32	12	12	4
WAB121206	9/32	12	12	6
WAB121208	9/32	12	12	8
WAB160606	1/4	16	6	6
WAB161208	5/16	16	12	8
WAB181206	5/16	18	12	6
WAB181208	5/16	18	12	8
WAB181210	3/8	18	12	10
WAB181806	3/8	18	18	6
WAB181812	7/16	18	18	12
WAB241212*	7/16	24	12	12
WAB242408*	1/32	24	24	8

\*NEMA 3 only. For NEMA 4 in these sizes, use WCB  
Larger sizes available up to 72" x 30" x 16" - Consult Factory



# WCB Junction Boxes

**Heavy Duty  
Overlapping Cover for  
Surface Mounting**

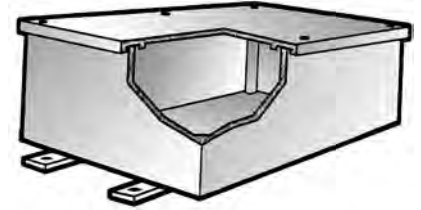
Dust-tight  
Weatherproof  
Watertight  
Raintight  
NEMA 3, 4, 12



## Applications:

Where a heavy duty dust-tight, weatherproof, raintight, or watertight enclosure is desired, WCB boxes are installed in conduit systems to:

- Act as pull box for conductors
- Provide openings and space for making splices and taps in conductors
- Provide for branch conduit runs
- Provide access to conductors for maintenance and future system changes
- Enclose and protect electrical devices



## Features:

- Flat neoprene cover gasket.
- Overlapping cover sheds environment.
- Wide range of drilled and tapped and slip hole conduit entrance sizes and locations permits maximum flexibility of use in conduit system.
- Internal equipment mounting pads available blind tapped for 1/4" – 20 mounting screws.
- Blind tapped into internal mounting pads.
- Mounting straps are standard on smaller sized boxes up to 8x8x6, for larger sizes consult factory

## Certifications and Compliances:

- Dust-tight
- Weatherproof
- Raintight
- Watertight
- NEMA 3, 4, 12
- NEMA 250

## Standard Materials:

- *Feraloy*® iron alloy cover and body
- Neoprene gaskets
- Stainless steel cover screws
- Steel mounting straps

## Standard Finishes:

- *Feraloy* iron alloy – hot dip galvanized

## Options:

Description	Suffix
Factory installed mounting plate	MP
Material - all sizes, cast aluminum	SA
Drilled and tapped conduit holes and slip holes available, Consult Factory	

## Size Ranges:

- 4" x 4" x 2" to 72" x 30" x 16"

## Ordering Information:

Cat. #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)
WCB040402	5/32	4	4	2
WCB040403	3/16	4	4	3
WCB040404	1/4	4	4	4
WCB050503	1/4	5	5	3
WCB050504	1/4	5	5	4
WCB060403	1/4	6	4	3
WCB060404	7/32	6	4	4
WCB060603	1/4	6	6	3
WCB060604	3/16	6	6	4
WCB060606	9/32	6	6	6
WCB080403	5/16	8	4	3
WCB080604	7/32	8	6	4
WCB080606	5/16	8	6	6
WCB080804	5/16	8	8	4
WCB080806	5/16	8	8	6
WCB080808	5/16	8	8	8
WCB090604	5/16	9	6	4
WCB100604	1/4	10	6	4
WCB100804	1/4	10	8	4
WCB100806	9/32	10	8	6
WCB101006	1/4	10	10	6
WCB120604	9/32	12	6	4
WCB120606	9/32	12	6	6
WCB120806	9/32	12	8	6
WCB120808	3/8	12	8	8
WCB121204	9/32	12	12	4
WCB121206	9/32	12	12	6
WCB121208	9/32	12	12	8
WCB160606	1/4	16	6	6
WCB161208	5/16	16	12	8
WCB181206	5/16	18	12	6
WCB181208	5/16	18	12	8
WCB181210	3/8	18	12	10
WCB181806	3/8	18	18	6
WCB181812	7/16	18	18	12
WCB241212	7/16	24	12	12
WCB242408	11/32	24	24	8

Larger sizes available up to 72" x 30" x 16" - Consult Factory

W-Series  
Boxes

# WEB Junction Box

## Heavy Duty

### Internal Recess Flange

### for Flush Mounting

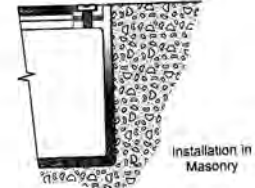
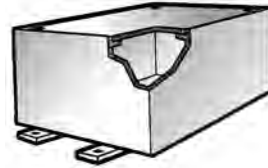
Dust-tight  
Raintight  
NEMA 3



### Applications:

WEB Junction Boxes are installed:

- Where a heavy duty, dust-tight or raintight enclosure is desired
- To act as pull box for conductors
- To provide openings and space for making splices and taps in conductors
- To provide for branch conduit runs
- To provide access to conductors for maintenance and future system changes
- To enclose and protect electrical devices



W-Series  
Boxes

### Features:

- Flat neoprene cover gasket
- Internal equipment mounting pads
- Stainless steel cover screws
- Internal ground screw

### Certifications and Complies:

- NEMA 250
- NEMA 3

### Standard Materials:

- *Feraloy*<sup>®</sup> iron alloy body, hot dip galvanized
- Heavy-gauge steel cover, hot dip galvanized
- Stainless steel cover screws
- Neoprene gaskets

### Ordering Information:

Cat. #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)
WEB040403	7/32	4	4	3
WEB040404	1/4	4	4	4
WEB060604	9/32	6	6	4
WEB060606	1/4	6	6	6
WEB080804	9/32	8	8	4
WEB080806	1/4	8	8	6
WEB121206	9/32	12	12	6
WEB160606	9/32	16	6	6
WEB160806	1/4	16	8	6
WEB180808	5/16	18	8	8
WEB240606	9/32	24	6	6
WEB240808	5/16	24	8	8
WEB241010	3/8	24	10	10
WEB241210	5/16	24	12	10
WEB241212	5/16	24	12	12
WEB241812	3/8	24	18	12
WEB361212	3/8	36	12	12
WEB361812	3/8	36	18	12
WEB362412	7/16	36	24	12
WEB363612	7/16	36	36	12

### Options:

#### Description

All boxes are available with optional mounting plate  
Material - all sizes, cast aluminum  
Drilled and tapped conduit holes and slip holes available, Consult Factory

#### Suffix

MP  
SA

# XD Expansion/Deflection Coupling

- Watertight
- Corrosion-Resistant



## Applications:

XD couplings can be installed indoors, outdoors, buried underground, or embedded in concrete in non-hazardous areas. XD's are used with standard rigid conduit or PVC rigid conduit. (PVC requires rigid metal conduit nipples and rigid metal-to-PVC conduit adapters.) XD's provide a flexible and watertight connection for protection of conduit wiring systems from damage due to movement.

Typical applications include:

- Underground conduit feeder runs
- Runs between sections of concrete subject to relative movement
- Runs between fixed structures
- Conduit entrances in high-rise buildings
- Bridges
- Marinas, docks, piers

## Features:

- XD couplings accommodate the following movements without collapsing or fracturing the conduit, and damaging the wires it contains:
  1. Axial expansion or contraction up to  $\frac{3}{4}$ "
  2. Angular misalignment of the axes of the coupled conduit runs in any direction to  $30^\circ$
  3. Parallel misalignment of the axes of coupled conduit runs in any direction to  $\frac{3}{4}$ "
- Inner sleeve maintains constant I.D. in any position and provides a smooth insulated wireway for protection of wire insulation
- Watertight flexible neoprene outer jacket is corrosion resistant and protects the grounding strap and the attachment points of the hubs
- Tinned copper flexible braid grounding straps assure grounding continuity
- Stainless steel jacket clamps for strength and corrosion resistance
- Standard tapered electrical threads fit standard rigid conduit

## Certifications and Compliances:

- UL standards: 514B

## Standard Materials:

- Integral hub bushing protects insulation of conductors
- Hubs – *Feraloy*® iron alloy
- Outer jacket – molded neoprene
- Jacket clamps – stainless steel
- Inner sleeve – molded plastic
- Grounding straps – tinned copper flexible braid

## Standard Finishes:

- *Feraloy* – electrogalvanized
- Neoprene – natural (black)
- Molded plastic – natural (brown)

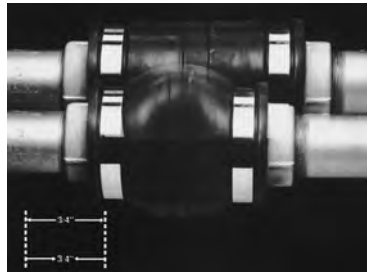
## Options:

Hot dipped galvanized

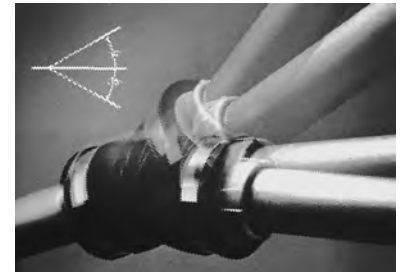
HDG

## Size Ranges:

- 1" to 6" (Smaller sizes can be obtained by using reducing bushings)



1. Axial expansion/contraction.



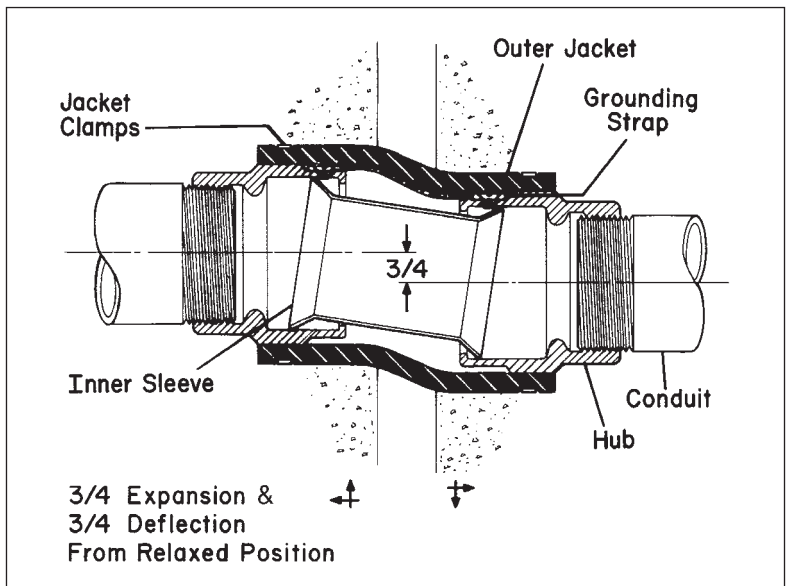
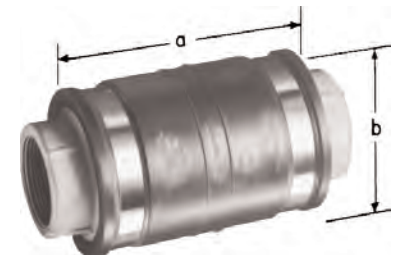
2. Angular misalignment.



3. Parallel misalignment.

XD Hub Size	Cat. #	Hub Size	Cat. #
1	XD3	3	XD8
1 1/4	XD4	3 1/2	XD9
1 1/2	XD5	4	XD010
2	XD6	5	XD012
2 1/2	XD7	6	XD014

Hub Size	a	b
1	7	3 <sup>15</sup> / <sub>16</sub>
1 - 1/4	7 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>
1 1/2	7 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>
2	7 <sup>1</sup> / <sub>4</sub>	4 <sup>15</sup> / <sub>16</sub>
2 1/2	7 <sup>1</sup> / <sub>2</sub>	5 <sup>5</sup> / <sub>16</sub>
3	7 <sup>5</sup> / <sub>8</sub>	5 <sup>15</sup> / <sub>16</sub>
3 1/2	7 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>2</sub>
4	7 <sup>7</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>
5	7 <sup>3</sup> / <sub>4</sub>	8
6	8 <sup>3</sup> / <sub>8</sub>	9



XD Coupling

# XJG Conduit Expansion Joints With Internal Grounding For Rigid Metal Conduit and IMC

- Wet Locations



## Applications:

XJG expansion couplings are used with rigid metal conduit and IMC:

- Without the need for an external bonding jumper and clamps (up to 4")
- To couple together two (2) sections of conduit subject to longitudinal movement
- In long conduit runs to permit linear movement caused by thermal expansion and contraction.
- On long conduit runs to prevent conduit from buckling and ensuing circuit failures
- Indoors or outdoors where conduit expansion occurs and there are wide temperature ranges
- In conduit runs that cross structural joints
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
- With optional redundant visible grounding strap

XJG Coupling

## Certifications and Complies:

- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- NEC Articles 250-77 and 300-7 (b)
- NEMA FB1
- Wet Locations

## Materials and Finishes:

### Body

- Steel-electrogalvanized
- Copper-free aluminum - natural
- *Feraloy*® iron alloy - electrogalvanized (5" + 6" only)

### Reducer

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 6" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint
- Copper-free aluminum - natural

### Gland Nut

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 6" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint
- Copper-free aluminum - natural

### Packing

- Teflon® (trademark of E.I. DuPont Co.)

### Washer

- Steel - electrogalvanized
- Copper-free aluminum - natural

### Gasket

- Vellum

### Bushing

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 6" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint
- Copper-free aluminum - natural



Patented Design

## XJG – For use with rigid metal conduit and IMC

Conduit Size	Maximum Conduit Movement	Cat. #	Optional Bonding Jumper†	A Diameter	B Length	Bonding Jumper Length
1/2	4	<b>XJG14</b>	<b>BJ14</b>	1.75	6.75	20"
	8	<b>XJG18</b>	<b>BJ18</b>	1.75	10.75	30"
3/4	4	<b>XJG24</b>	<b>BJ24</b>	2.12	6.75	20"
	8	<b>XJG28</b>	<b>BJ28</b>	2.12	10.75	30"
1	4	<b>XJG34</b>	<b>BJ34</b>	2.43	7.25	20"
	8	<b>XJG38</b>	<b>BJ38</b>	2.43	11.25	30"
1 1/4	4	<b>XJG44</b>	<b>BJ44</b>	3.19	7.56	24"
	8	<b>XJG48</b>	<b>BJ48</b>	3.19	11.56	30"
1 1/2	4	<b>XJG54</b>	<b>BJ54</b>	3.68	7.87	24"
	8	<b>XJG58</b>	<b>BJ58</b>	3.68	11.87	30"
2	4	<b>XJG64</b>	<b>BJ64</b>	4.75	8.25	24"
	8	<b>XJG68</b>	<b>BJ68</b>	4.75	12.25	30"
2 1/2	4	<b>XJG74</b>	<b>BJ74</b>	4.87	9.31	24"
	8	<b>XJG78</b>	<b>BJ78</b>	4.87	13.31	36"
3	4	<b>XJG84</b>	<b>BJ84</b>	5.37	10.00	30"
	8	<b>XJG88</b>	<b>BJ88</b>	5.37	14.00	36"
3 1/2	4	<b>XJG94</b>	<b>BJ94</b>	6.62	9.81	30"
	8	<b>XJG98</b>	<b>BJ98</b>	6.62	13.81	36"
4	4	<b>XJG104</b>	<b>BJ104</b>	6.62	9.81	30"
	8	<b>XJG108</b>	<b>BJ108</b>	6.62	13.81	36"
5	8	<b>XJ128‡</b>	—	7.64	15.50	—
6	8	<b>XJ148‡</b>	—	9.56	16.00	—

†XJG expansion couplings use a metallic bushing and ground springs to create a high integrity internal ground connection. External ground straps offer a redundant ground path and easy visible indication of ground  
‡XJ128 and XJ148 are not internally grounded. A pair of 36" bonding jumpers are provided with fitting.

### Ground Springs

- Phosphor bronze - electrogalvanized

### Ground Strap

- Braided tinned copper

### U-Bolts

- Malleable iron – electrogalvanized

## Options:

### Description

Available in copper-free aluminum  
Not available on 5" and 6" sizes  
Hot dipped galvanized  
Available with redundant† ground strap for visible indication of grounding – order separately (BJ Series)

### Suffix

**SA**

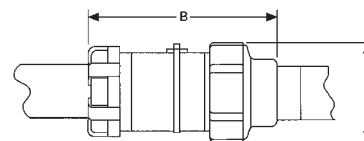
**HDG**

## Size Ranges:

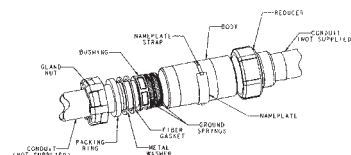
- 1/2" through 6" conduit size
- 4" and 8" maximum conduit movement

## Dimensions

In Inches:



XJG shown with optional bonding jumper



# XJG-EMT Conduit Expansion Joints With Internal Grounding For EMT Conduit



## Applications:

- XJG expansion couplings are used with EMT Conduit:
- Without the need for an external bonding jumper and clamps
  - To couple together two (2) sections of conduit subject to longitudinal movement
  - In long conduit runs to permit linear movement caused by thermal expansion and contraction.
  - On long conduit runs to prevent conduit from buckling and ensuing circuit failures
  - Indoors or outdoors where conduit expansion occurs and there are wide temperature ranges
  - In conduit runs that cross structural joints
  - In conduit runs to prevent damage to conduit supports such as in a building or on a bridge
  - With optional redundant visible grounding strap

## Certifications and Compliances:

- UL Standard: 514B
- CSA Standard: C22.2 No. 18
- NEC Articles 250-77 and 300-7 (b)
- NEMA FB1

## Materials and Finishes:

### Body

- Steel-electrogalvanized
- Copper-free aluminum - natural

### Reducer

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 4" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint

### Gland Nut

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 4" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint

### Packing

- Teflon® (trademark of E.I. DuPont Co.)

### Washer

- Steel - electrogalvanized

### Gasket

- Vellum

### Bushing

- 1/2" through 1" - Steel - electrogalvanized
- 1 1/4" through 4" - *Feraloy*® iron alloy - electrogalvanized and aluminum paint

### Ground Springs

- Phosphor bronze - electrogalvanized

### Ground Strap

- Braided tinned copper

### U-Bolts

- Malleable iron – electrogalvanized

## Options:

Available with redundant† ground strap for visible indication of grounding – order separately (BJ Series)

## Size Ranges:

- 1/2" through 4" conduit size
- 4" maximum conduit movement

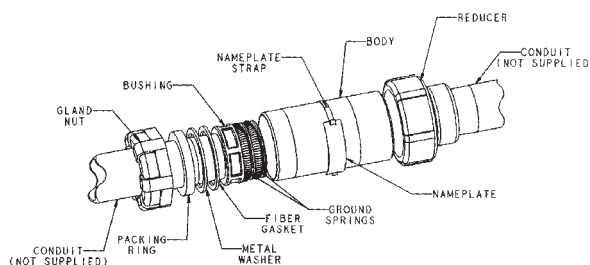
## XJG-EMT – for use with EMT conduit



Conduit Size	Maximum Conduit Movement	Cat. #	Optional Bonding Jumper	A Diameter	B Length
1/2"	4"	XJG14 EMT	BJ14	1 3/4"	10 3/4"
3/4"	4"	XJG24 EMT	BJ24	2 7/8"	11"
1"	4"	XJG34 EMT	BJ34	2 7/16"	11 1/2"
1 1/4"	4"	XJG44 EMT	BJ44	3 1/8"	15 1/4"
1 1/2"	4"	XJG54 EMT	BJ54	3 5/8"	15 1/2"
2"	4"	XJG64 EMT	BJ64	4 3/4"	15 1/2"
2 1/2"	4"	XJG74 EMT	BJ74	4 7/8"	18 3/4"
3"	4"	XJG84 EMT	BJ84	5 5/8"	19 7/8"
3 1/2"	4"	XJG94 EMT	BJ94	6 5/8"	21 1/4"
4"	4"	XJG104 EMT	BJ104	6 5/8"	21 1/4"



XJG shown with optional bonding jumper



†XJG expansion couplings use a metallic bushing and ground springs to create a high integrity internal ground connection. External ground straps offer a redundant ground path and easy visible indication of ground

XJG-EMT



# XJGD Combination Expansion/Deflection Coupling and Expansion Joint Internally Grounded

- Wet Locations



## Applications:

XJGD combination fittings are used with rigid metal conduit and IMC:

- To accommodate axial expansion, angular misalignment and parallel misalignment
- To couple together two (2) sections of conduit subject to longitudinal movement
- To maintain a ground connection without the need for an external bonding jumper and clamps
- In long conduit runs to prevent conduit from buckling and causing circuit failures
- Indoors or outdoors where conduit expansion occurs and there are wide temperature swings
- In conduit runs that cross structural joints
- In conduit runs to prevent damage to conduit supports such as in a building or on a bridge

## XJGD Ordering Information



Hub Size	Maximum Conduit Movement	Cat. #	A Diameter	B Length
1"	4"	<b>XJGD34</b>	3 <sup>15</sup> / <sub>16</sub> "	17 <sup>3</sup> / <sub>4</sub> "
1 <sup>1</sup> / <sub>4</sub> "	4"	<b>XJGD44</b>	4 <sup>1</sup> / <sub>4</sub> "	18 <sup>1</sup> / <sub>8</sub> "
1 <sup>1</sup> / <sub>2</sub> "	4"	<b>XJGD54</b>	4 <sup>1</sup> / <sub>2</sub> "	18 <sup>5</sup> / <sub>8</sub> "
2"	4"	<b>XJGD64</b>	4 <sup>15</sup> / <sub>16</sub> "	19 <sup>1</sup> / <sub>4</sub> "
2 <sup>1</sup> / <sub>2</sub> "	4"	<b>XJGD74</b>	5 <sup>5</sup> / <sub>16</sub> "	20 <sup>3</sup> / <sub>4</sub> "
3"	4"	<b>XJGD84</b>	5 <sup>15</sup> / <sub>16</sub> "	21 <sup>5</sup> / <sub>8</sub> "
3 <sup>1</sup> / <sub>2</sub> "	4"	<b>XJGD94</b>	6 <sup>1</sup> / <sub>2</sub> "	21 <sup>5</sup> / <sub>8</sub> "
4"	4"	<b>XJGD104</b>	8"	27 <sup>3</sup> / <sub>4</sub> "

XJGD Coupling

## Certifications and Compliances:

- UL standard: 514B

## Standard Materials:

- Body, Hubs, Gland Nut, Washer, Bushing – *Feraloy*<sup>®</sup>
- Packing – Teflon<sup>®</sup>
- Gasket – vellum
- Ground Spring – phosphor bronze
- Outer Jacket – molded neoprene
- Jacket Clamps – stainless steel
- Inner Sleeve – molded plastic
- Ground Straps – tinned copper braid

## Standard Finishes:

- *Feraloy*<sup>®</sup> – electrogalvanized

# HomeRunner™ Box

## Commercial construction screw cover junction box with patented clamps



### Applications:

The Cooper Crouse-Hinds HomeRunner™ Junction Box is designed specifically for commercial construction applications to provide a spacious, flexible junction box for terminating Home Run and other electrical wiring. Its patented clamping design and flexibility make it the most convenient, labor savings junction box available.

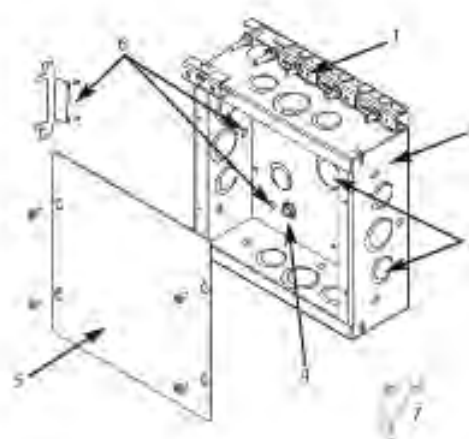
- The HomeRunner Junction Box has extensive built-in features for maximum job site flexibility and efficiency
- It can be used to terminate multiple wiring methods including AC, MC, MCI-A, NM or EMT
- Designed for use in commercial construction projects, it is ideal for hotels, motels, condos, assisted living centers, etc.

### Features and Call-outs:

1. Patented clamping system - provides maximum flexibility and maximum grip. Third party certified for use with AC, MC, MCI-A or Non-metallic sheathed cable
2. 8 x 8 welded steel construction - provides strong, dependable service and large cubic capacity (177 cu. in.) for ease of wiring
3. Combination eccentric knockouts - on sides for quick & easy access, combination ko's in the back of the box are ideal of applications where joist spacing is too tight for side entry
4. Terminal cup washer and flanged nut - quick, easy service ground termination or attachment of grounding bus-bar, if desired
5. 2 cover options - square for surface mounted applications or oversized for flush mount applications
6. Extensive mounting flexibility - pre-drilled holes in side and back for direct mounting or optimal mounting bracket (purchased separately)
7. Far-side support snaps on quickly and easily and is perforated which allows for adjustment in dual thickness, fire-rated walls



Home Runner



### Certifications and Compliances:

- For US & Canada : CSA File #248782
- Certified to UL50 & UL514B and CSA C22.2, No. 18.3-04 & No. 40-M1989

### Standard Materials:

- Pre-galvanized steel

Cat.#	Description	Dimensions	Knockouts	Wire Fill	Built-In Clamps	Cubic Volume	Unit Qty.	Wt. Per 100
HR080803	Homerunner Box	8"H x 8"W x 3"D	(10) 1/2 and 3/4 eccentric, (7) 3/4 & 1 eccentric	(7) 14 AWG, (6) 12 AWG, (5) 10 AWG	(1) 10/32 to 10/12, (5) 1/2 to 10/3	177	5	400
HRC0808S	Surface Mount Cover for Homerunner Box	8"H x 8"W x .06"D					5	100
HRC0808F	Flush Mount Cover for Homerunner Box	9.38"H x 9.38"W x .06"D					5	160
HRSB1	Stud Bracket for Homerunner Box						20	35



## Reliability you can count on for the most corrosive applications

Partnering with Cooper Crouse-Hinds and our dedicated team of industry experts can help you succeed. Since 1897, we have led the development of safer, more reliable ways to power the most challenging harsh and hazardous areas. Cooper Crouse-Hinds has long been established as a leader in enclosures for Hazardous, Industrial and Commercial applications. Enclosures are engineered and manufactured to perform through the most corrosive conditions needed by OEMs, MRO, Waste Water Treatment Facilities and Chemical Plants. These exceptionally durable, corrosion resistant enclosures can withstand extreme abuse and exposure to chemicals, water, and extreme conditions.

## Enclosure knowledge and experience with:






- Products that deliver superior performance
- Low maintenance choices, like durable non-metallic enclosures with features designed to provide optimum protection in the harshest environments
- Dedicated and expert sales support to help select products that perform reliably and cost effectively

## A commitment to safety and productivity

Cooper Crouse-Hinds is helping more industrial facility owners, operators and engineers succeed each day – safely and cost effectively. It's part of our commitment to focus on industries where our experience, expertise and products can make the biggest impact.








## Quick Selection Guide

CATALOG SERIES	PRODUCT GROUP & SIZE	MATERIALS	NUMBER OF SIZES	ENVIRONMENTAL RATING
	<b>Small Line Series</b> 3" x 3" to 17" x 3"	<ul style="list-style-type: none"> <li>• Fiberglass reinforced thermoset polyester</li> <li>• Poured polyurethane seamless gasket</li> <li>• Recessed captive stainless steel screws</li> <li>• 304 stainless steel used on all external hardware</li> </ul>	11	UL/cUL CSA Std C22.2 NEMA Types 1, 3R, 4X, 6P, 12
	<b>Pushbutton Series</b> 6" x 3" to 1 3.5" x 11.5" Inline and multi-hole configurations, 30mm and 22mm configurations offered	<ul style="list-style-type: none"> <li>• Fiberglass reinforced thermoset polyester</li> <li>• Poured polyurethane seamless gasket</li> <li>• Recessed captive stainless steel screws</li> <li>• 304 stainless steel used on all external hardware</li> </ul>	21	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
	<b>Junction Box Series</b> 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> <li>• Fiberglass reinforced thermoset polyester</li> <li>• Poured polyurethane seamless gasket</li> <li>• Recessed captive stainless steel screws</li> <li>• 304 stainless steel used on all external hardware</li> </ul>	76	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
	<b>Raised Cover Series</b> 6" x 4" to 20" x 16"	<ul style="list-style-type: none"> <li>• Fiberglass reinforced thermoset polyester</li> <li>• Poured polyurethane seamless gasket</li> <li>• Stainless steel screws</li> <li>• 304 stainless steel used on all external hardware</li> </ul>	33	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 6P, 12
	<b>Advantage Series</b> 6" x 6" to 20" x 16"	<ul style="list-style-type: none"> <li>• Fiberglass reinforced thermoset polyester</li> <li>• Poured polyurethane seamless gasket</li> <li>• Stainless steel screws</li> <li>• 304 stainless steel used on all external hardware</li> </ul>	36	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3S, 4X, 12, 13

# Fiberglass Enclosures



## Quick Selection Guide

CATALOG SERIES	PRODUCT GROUP & SIZE	MATERIALS	NUMBER OF SIZES	ENVIRONMENTAL RATING
	<b>Wall Mount Series 3R &amp; 4X Series</b> 16" x 10" to 48" x 36" NEMA 3R or 4X	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	28	UL/cUL CSA Std C22.2 (3R) NEMA Types 1, 3R (4X) NEMA Types 1, 3, 3R, 4X, 12
	<b>Wall Mount Series Large Series</b> 48" x 36" to 72" x 49" Large & Free-standing enclosures with double door options	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	7	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3R, 4X, 12
	<b>Disconnect &amp; Circuit Breaking Series</b> 16" x 10" to 36" x 30" Industrial Control System applications	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	6	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 3R, 4X, 12
	<b>Xtra Deep Series</b> 6" x 4" to 20" x 16" Extra Deep Cover	<ul style="list-style-type: none"> <li>Fiberglass reinforced thermoset polyester</li> <li>Poured polyurethane seamless gasket</li> <li>Recessed captive stainless steel screws</li> <li>304 stainless steel used on all external hardware</li> </ul>	11	UL/cUL CSA Std C22.2 NEMA Types 1, 3, 4X, 12
	<p>Cooper Crouse-Hinds has a full line of Krydon material enclosures. These solid, one-piece construction enclosures are made of a proprietary formulation of fiberglass reinforced polyester that has high impact strength, is fire retardant, heat resistant and withstands weathering.</p> <p>Krydon enclosures are:</p> <ul style="list-style-type: none"> <li>Strong and durable while providing longer service life for equipment</li> <li>Class I, Division 2 Groups B,C,D rating on many Krydon products</li> <li>Are available in an expansive range of product groups</li> <li>Are available in hundreds of sizes and options</li> </ul>			

Fiberglass

# Fiberglass Enclosures Small Line Series



Small Line Series

The Cooper Crouse-Hinds Small Line Series offer a lightweight, compact, versatile solution for applications requiring tight or confined spaces. The Small Line Series houses everything from terminal blocks to small positional control. Available in a choice of two body styles, these enclosures are made of fiberglass reinforced polyester and have a memory retaining polyurethane gasket and stainless steel screws for exceptional corrosion and chemical resistance. The Small Line Series will hold up under the most extreme conditions and provide protection in adverse environments such as water, steam, vapor or chemicals.

## Features & Benefits:

- Lift-off cover design with 4 cover screws
- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemical resistant fiberglass reinforced polyester
- Submersible, non-corrosive design
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

## Certification & Compliances:

- UL/cUL 50, Types 1, 3R, 4X, 6P, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3R, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3R, 4X, 6P, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating







## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware

## Options:

- Mounting feet kit available for field installation. Order part number FSJMTGFTKIT

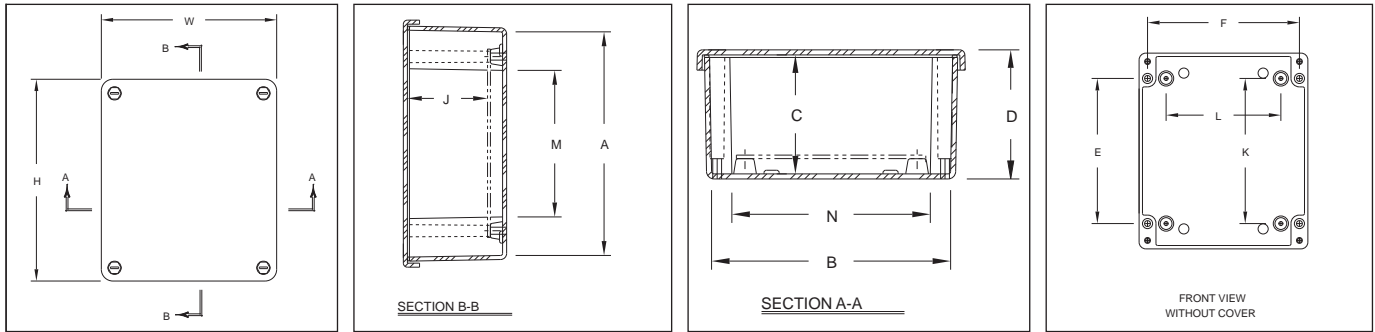
## Ordering Information

			
	FSJBS	FSJS	NPT Size
Inside H x W x D	4 Cover Screws With a Beveled Cover Design	4 Cover Screws With a Flat Cover Design	Mounting Plate**
3.13 x 3.03 x 2.70	FSJBS030302		
5.38 x 3.03 x 2.87	FSJBS050302		
6.00 x 3.19 x 3.63	FSJBS060404		
7.82 x 3.03 x 2.87	FSJBS080302		
8.26 x 3.19 x 3.63	FSJBS080404		
8.75 x 3.03 x 2.87	FSJBS090302		
10.51 x 3.19 x 3.63	FSJBS110404		
13.19 x 3.03 x 2.87	FSJBS140302		
16.75 x 3.03 x 2.87	FSJBS170302		
6.90 x 5.90 x 2.88		FSJS070603	FMP0706
9.15 x 5.90 x 2.88		FSJS090603	FMP0906

\* Flat Cover

\*\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)  
To order, add the suffix to the end of the part number

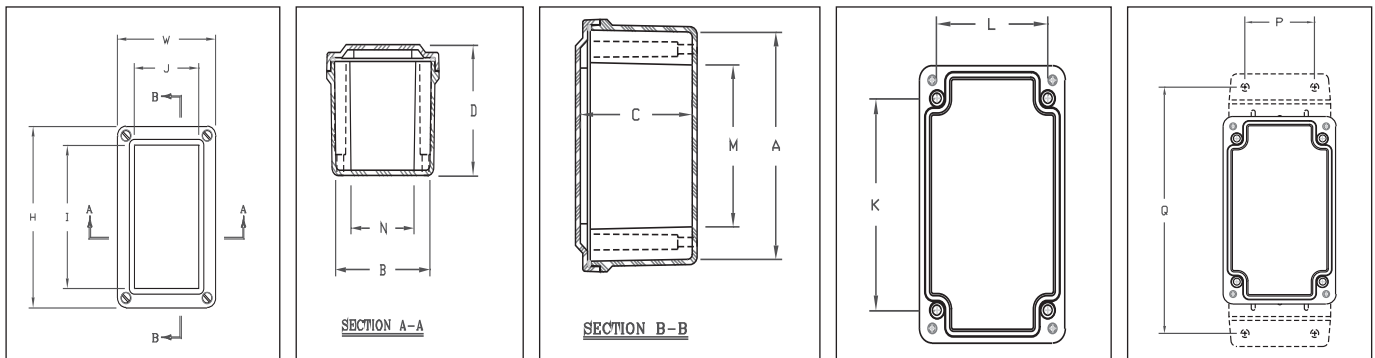
## Dimensional Drawings



Small Line Series

## FSJS Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	Weight
FSJS070603	7.63 x 6.63 x 3.19 (194 x 168 x 81)	6.90 x 5.90 x 2.88 (175 x 150 x 73)	5.37 x 5.63 (137 x 143)	2.48 (63)	5.3 (137)	4.25 (108)	4.52 (115)	4.9 (124)	3 lbs.
FSJS090603	9.87 x 6.63 x 3.19 (251 x 168 x 81)	9.15 x 5.90 x 2.88 (232 x 150 x 73)	7.62 x 5.63 (194 x 143)	2.48 (63)	7.62 (194)	4.25 (108)	6.77 (172)	4.9 (124)	3 lbs.



## FSJBS Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	Weight
FSJBS030302	3.72 x 3.63 x 2.95 (95 x 92 x 75)	3.13 x 3.03 x 2.70 (79 x 77 x 69)	0 (0)	0 (0)	2.31 (59)	2.75 (70)	1.59 (40)	2.03 (52)	1 lb.
FSJBS050302	5.97 x 3.63 x 3.14 (152 x 92 x 80)	5.38 x 3.03 x 2.87 (137 x 77 x 73)	4.72 (120)	2.38 (61)	4.56 (116)	2.75 (70)	3.84 (98)	2.03 (52)	1 lb.
FSJBS060404	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.50 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2 lbs.
FSJBS080302	8.41 x 3.63 x 3.14 (214 x 92 x 80)	7.82 x 3.03 x 2.87 (199 x 77 x 73)	7.16 (182)	2.38 (60)	7.00 (178)	2.75 (70)	6.28 (160)	2.03 (52)	2 lbs.
FSJBS080404	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.50 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2 lbs.
FSJBS090302	9.35 x 3.63 x 3.14 (237 x 92 x 80)	8.75 x 3.03 x 2.87 (222 x 77 x 73)	8.10 (206)	2.38 (60)	7.94 (202)	2.75 (70)	7.22 (183)	2.03 (52)	2 lbs.
FSJBS110404	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.50 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2 lbs.
FSJBS140302	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2 lbs.
FSJBS170302	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.10 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	3 lbs.

# Fiberglass Enclosures Pushbutton Series



Pushbutton Series

The Cooper Crouse-Hinds Pushbutton Series offer a solution for applications requiring an enclosure with multiple pre-drilled openings for pushbuttons available in 30mm and 22mm configurations. The notched keyhole design and the ability to order up to 25 holes, makes this versatile series a perfect match for your general purpose electrical and control station applications. Available in a choice of two body designs, these enclosures are made of fiberglass reinforced polyester and have a memory retaining polyurethane gasket and stainless steel screws for exceptional corrosion and chemical resistance. The Pushbutton Series will hold up under the most extreme conditions and provide protection in adverse conditions such as water, steam, vapor or chemicals.



## Features & Benefits:

- Lift-off cover design with 4 cover screws
- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Full metal grounding strap
- Notched key hole design
- Chemical resistant fiberglass reinforced polyester
- Submersible, non-corrosive design
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Stainless steel beaded cover retention chain on the FPBM series

## Options:

- Mounting feet kit available for field installation. Order part number FSJMTGFTKIT

## Ordering Information

Inside H x W x D	Holes	30mm Pushbutton	Inside H x W x D	22mm Pushbutton	Inside H x W x D	Holes	30mm Multi-Hole Pushbutton	Mounting Plate*
6.00 x 3.19 x 3.63	1	FPB31	6.00 x 3.19 x 3.63	FPB21	5.72 x 5.72 x 4.45	4	FMP0606C	FMP0606
6.00 x 3.19 x 3.63	2	FPB32	6.00 x 3.19 x 3.63	FPB22	7.73 x 5.74 x 4.45	6	FMP0806C	FMP0806
8.26 x 3.19 x 3.63	3	FPB33	6.00 x 3.19 x 3.63	FPB23	9.73 x 7.73 x 3.98	9	FMP1008C	FMP1008
10.51 x 3.19 x 3.63	4	FPB34	8.26 x 3.19 x 3.63	FPB24	9.73 x 7.73 x 3.98	12	FMP1008C	FMP1008
13.19 x 3.03 x 2.87	5	FPB35	10.51 x 3.19 x 3.63	FPB25	11.79 x 9.80 x 4.94	16	FMP1210C	FMP1210
16.75 x 3.03 x 2.87	6	FPB36	10.51 x 3.19 x 3.63	FPB26	11.79 x 9.80 x 4.94	20	FMP1210C	FMP1210
16.75 x 3.03 x 2.87	7	FPB37	13.19 x 3.03 x 2.87	FPB27	13.53 x 11.55 x 5.94	25	FMP1412C	FMP1412

\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)  
To order, add the suffix to the end of the part number

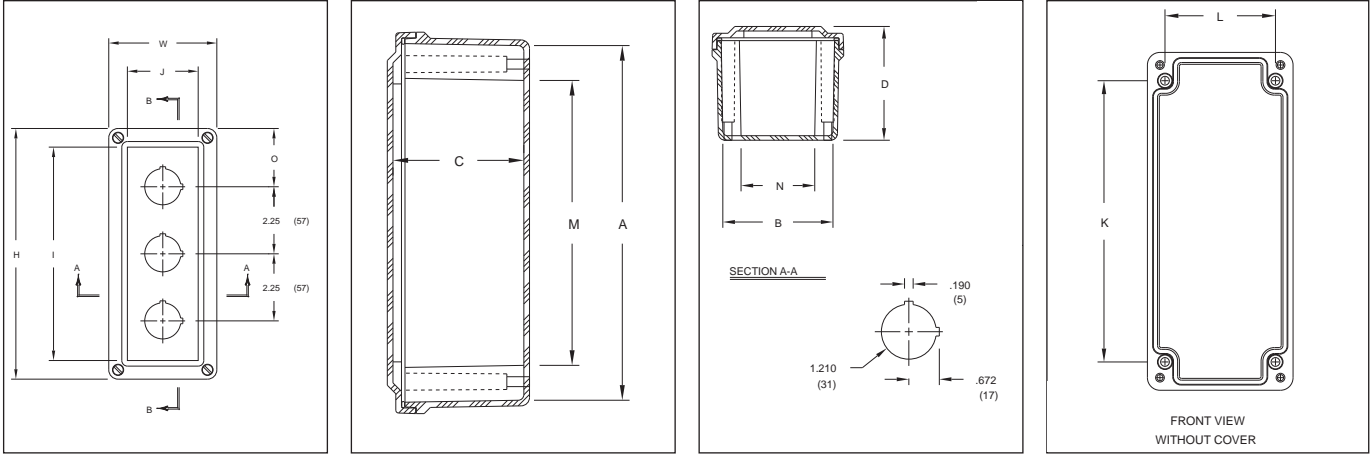
# Fiberglass Enclosures Pushbutton Series



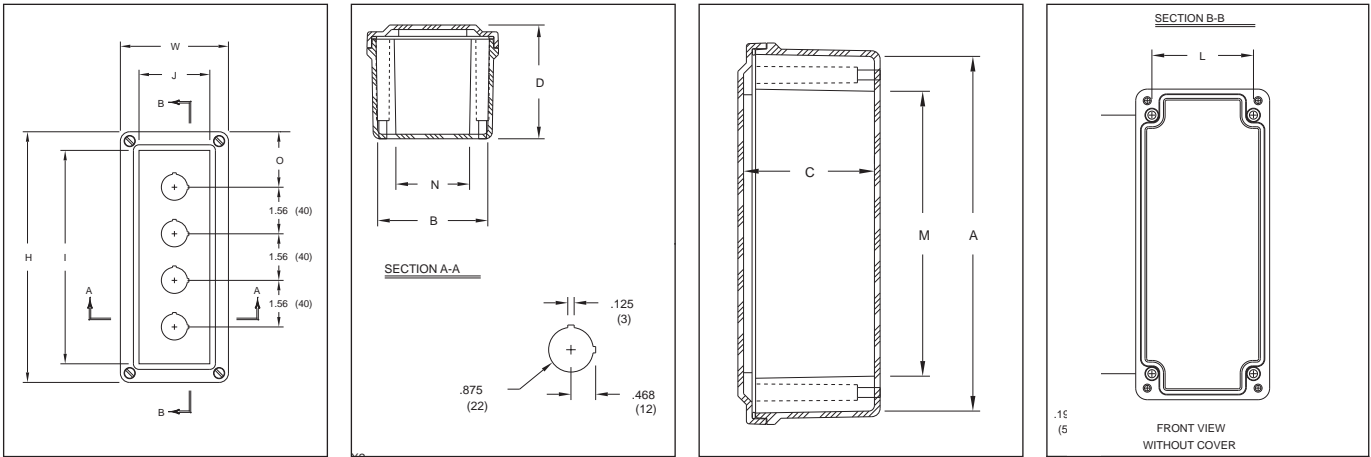
## Dimensional Drawings

Pushbutton Series

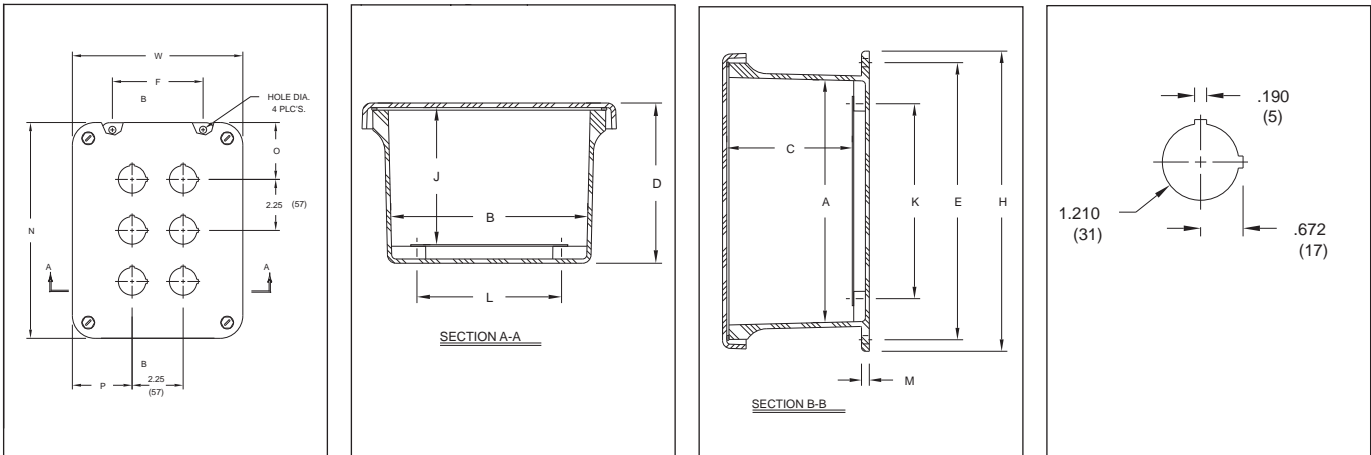
### 30mm



### 22mm



### Multi-Hole





# Fiberglass Enclosures Pushbutton Series



Pushbutton Series

## 30mm Pushbutton Series - Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	O	Weight
FPB31	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.5 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	3.31 (84)	2 lbs.
FPB32	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.5 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.19 (56)	2 lbs.
FBP33	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.5 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.19 (56)	2 lbs.
FPB34	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.5 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.19 (56)	2 lbs.
FBP35	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.39 (61)	2 lbs.
FBP36	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.1 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	3.05 (77)	3 lbs.
FBP37	17.35 x 3.63 x 3.14 (441 x 92 x 80)	16.75 x 3.03 x 2.87 (426 x 77 x 73)	16.1 (409)	2.38 (60)	15.94 (405)	2.75 (70)	15.22 (387)	2.03 (52)	1.92 (49)	3 lbs.

## 22mm Pushbutton Series - Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	I	J	K	L	M	N	O	Weight
FPB21	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.5 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	3.31 (84)	2 lbs.
FPB22	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.5 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	2.53 (64)	2 lbs.
FPB23	6.63 x 3.81 x 3.89 (168 x 97 x 99)	6.00 x 3.19 x 3.63 (153 x 81 x 92)	5.31 (135)	2.5 (64)	4.88 (124)	2.94 (75)	4.13 (105)	2.19 (56)	1.75 (44)	2 lbs.
FPB24	8.88 x 3.81 x 3.89 (225 x 97 x 99)	8.26 x 3.19 x 3.63 (210 x 81 x 92)	7.56 (192)	2.5 (64)	7.13 (181)	2.94 (75)	6.38 (162)	2.19 (56)	2.09 (53)	2 lbs.
FPB25	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.5 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	2.44 (62)	2 lbs.
FPB26	11.13 x 3.81 x 3.89 (283 x 97 x 99)	10.51 x 3.19 x 3.63 (267 x 81 x 92)	9.81 (249)	2.5 (64)	9.37 (238)	2.94 (75)	8.63 (219)	2.19 (56)	1.66 (42)	3 lbs.
FPB27	13.78 x 3.63 x 3.14 (350 x 92 x 80)	13.19 x 3.03 x 2.87 (335 x 77 x 73)	12.53 (318)	2.38 (60)	12.37 (314)	2.75 (70)	11.66 (296)	2.03 (52)	2.20 (56)	3 lbs.

## Multi-Hole Pushbutton Series - Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	O	P	Hole Dia.	Weight
FPBM34	7.50 x 7.50 x 4.75 (191 x 191 x 121)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	6.75 x 4 (171 x 101)	4 (101)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	2.64 (67)	2.64 (67)	0.31 (8)	2.75 lbs.
FPBM36	9.62 x 7.50 x 4.74 (244 x 191 x 121)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	8.88 x 4 (225 x 101)	4 (101)	6.25 (159)	4.25 (108)	0.25 (6)	9.5 (242)	2.64 (67)	2.51 (64)	0.31 (8)	3.5 lbs.
FPBM39	11.62 x 9.41 x 4.25 (295 x 239 x 108)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	10.75 x 6 (273 x 152)	3.5 (89)	8.25 (209)	6.25 (159)	0.25 (6)	11.35 (288)	3.43 (87)	2.45 (62)	0.31 (8)	5 lbs.
FPBM312	11.62 x 9.41 x 4.25 (295 x 239 x 108)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	10.75 x 6 (273 x 152)	3.5 (89)	8.25 (209)	6.25 (159)	0.25 (6)	11.35 (288)	2.3 (58)	2.45 (62)	0.31 (8)	5 lbs.
FPBM316	13.56 x 11.43 x 5.21 (344 x 291 x 132)	11.79 x 9.80 x 4.94 (299 x 249 x 125)	12.75 x 8 (324 x 203)	4.5 (114)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	3.33 (85)	2.3 (58)	0.31 (8)	6.5 lbs.
FPBM320	13.56 x 11.43 x 5.21 (344 x 291 x 132)	11.79 x 9.80 x 4.94 (299 x 249 x 125)	12.75 x 8 (324 x 203)	4.5 (114)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	2.2 (56)	2.1 (53)	0.31 (8)	6.5 lbs.
FPBM325	15.50 x 13.50 x 6.25 (394 x 343 x 159)	13.53 x 11.55 x 5.94 (344 x 293 x 151)	14.62 x 10 (371 x 254)	5.37 (137)	12.25 (311)	10.25 (260)	0.25 (6)	15.47 (393)	3.24 (82)	2.25 (57)	0.31 (8)	8.5 lbs.



# Fiberglass Enclosures Junction Box Series



The Cooper Crouse-Hinds Junction Box Series offer an extensive selection to the industrial application requiring a vast number of configurations and sizes. The Junction Box Series is available in 12 different sizes, each offering a multitude of durable cover options with features such as stainless steel hinges, padlock covers and windows. These enclosures are made of fiberglass reinforced polyester and have a poured polyurethane seamless gasket that provides a watertight and dust-tight environmental seal for exceptional corrosion and chemical resistance. The durable Junction Box Series will hold up under the most extreme applications and provide protection and reliability in the most adverse conditions.

## Features & Benefits:

- Memory retaining continuous polyurethane gasket
- Captive stainless steel cover screws
- Chemical resistant fiberglass reinforced polyester
- Submersible, non-corrosive design
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids
- Stainless steel retention chain on screw cover series
- Full-length stainless steel hinges on the hinge cover series

## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Window flammability - UL94V-0
- Non-flame propagating



Junction Box Series

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws

## Ordering Information

Inside H x W x D	4 Cover Screws With Lift Off Cover	2 Cover Screws With a Hinged Cover	Hinged Cover With a Padlock Latch	2 Cover Screws With a Hinged Cover With Window	Hinged Cover With a Window & Padlock Latch	Fiberglass Hinged Cover With a Window & Padlock Latch	Mounting Plate*
5.84 x 3.85 x 4.45	FJS060404	FJHS060404	FJHP060404	FJHSW060404	FJHPW060404		FMP0604
5.72 x 5.72 x 4.45	FJS060604	FJHS060604	FJHP060604	FJHSW060604	FJHPW060604		FMP0606
7.73 x 5.74 x 4.45	FJS080604	FJHS080604	FJHP080604	FJHSW080604	FJHPW080604	FJFHPW080604	FMP0806
7.73 x 7.73 x 4.82	FJS080804	FJHS080804	FJHP080804	FJHSW080804	FJHPW080804	FJFHPW080804	FMP0808
9.73 x 7.73 x 3.98	FJS100804	FJHS100804†	FJHP100804	FJHSW100804	FJHPW100804	FJFHPW100804	FMP1008
11.79 x 9.80 x 4.94	FJS121005	FJHS121005	FJHP121005	FJHSW121005	FJHPW121005	FJFHPW121005	FMP1210
11.70 x 11.70 x 6.29	FJS121206	FJHS121206	FJHP121206	FJHSW121206	FJHPW121206	FJFHPW121206	FMP1212
14.00 x 7.00 x 6.56	FJS140707	FJHS140707	FJHP140707	FJHSW140707	FJHPW140707	FJFHPW140707	FMP1407
13.53 x 11.55 x 5.94	FJS141206	FJHS141206	FJHP141206	FJHSW141206	FJHPW141206	FJFHPW141206	FMP1412
15.63 x 13.60 x 5.94	FJS161406	FJHS161406	FJHP161406	FJHSW161406	FJHPW161406	FJFHPW161406	FMP1614
17.69 x 15.69 x 8.45	FJS181608‡	FJHS181608‡	FJHP181608‡	FJHSW181608‡	FJHPW181608‡	FJFHPW181608‡	FMP1816
19.72 x 15.72 x 8.45	FJS201608‡	FJHS201608‡	FJHP201608‡	FJHSW201608‡	FJHPW201608‡	FJFHPW201608‡	FMP2016

\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)

To order, add the suffix to the end of the part number

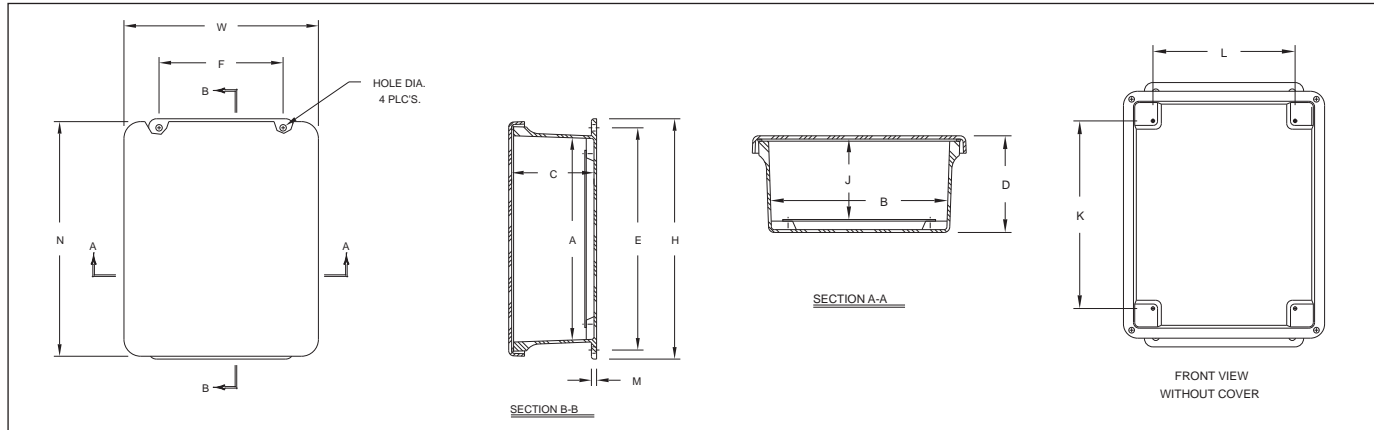
† Available with the deep cover option, please add a "D" to the part number. For example, FJDHS100804

‡ Not available with a 6P rating

# Fiberglass Enclosures Junction Box Series



## Dimensional Drawings



## Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Window Area	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight
FJS060404 FJHS060404 FJHP060404 FJHPW060404 FJHSW060404	7.50 x 5.43 x 4.75 (191 x 138 x 121)	5.84 x 3.85 x 4.45 (148 x 98 x 113)	4.25 x 2.25 (108 x 57)	6.75 x 2 (171 x 51)	4 (101)	4.25 (108)	2.25 (57)	0.25 (6)	7.39 (188)	0.31 (8)	2.5 lbs.
FJS060604 FJHS060604 FJHP060604 FJHPW060604 FJHSW060604	7.50 x 7.50 x 4.75 (191 x 191 x 121)	5.72 x 5.72 x 4.45 (145 x 145 x 113)	4.25 x 4.25 (108 x 108)	6.75 x 4 (171 x 101)	4 (101)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	0.31 (8)	2.75 lbs.
FJS080604 FJHS080604 FJHP080604 FJHPW080604 FJHSW080604 FJFHPW080604	9.62 x 7.50 x 4.74 (244 x 191 x 121)	7.73 x 5.74 x 4.45 (196 x 146 x 113)	6.25 x 4.25 (159 x 108)	8.88 x 4 (225 x 101)	4 (101)	6.25 (159)	4.25 (108)	0.25 (6)	9.5 (242)	0.31 (8)	3.5 lbs.
FJS080804 FJHS080804 FJHP080804 FJHPW080804 FJHSW080804 FJFHPW080804	9.56 x 9.38 x 4.89 (243 x 238 x 124)	7.73 x 7.73 x 4.64 (196 x 196 x 118)	8.75 x 6.00 (222 x 152)	8.75 x 6.00 (222 x 152)	4.06 (103)	6.25 (159)	6.25 (159)	0.25 (6)	9.37 (238)	0.31 (8)	1.71 lbs.
FJS100804 FJHS100804 FJHP100804 FJHPW100804 FJHSW100804 FJFHPW100804	11.62 x 9.41 x 4.25 (295 x 239 x 108)	9.73 x 7.73 x 3.98 (247 x 196 x 101)	8.25 x 6.25 (210 x 159)	10.75 x 6 (273 x 152)	3.5 (89)	8.25 (209)	6.25 (159)	0.25 (6)	11.35 (288)	0.31 (8)	5 lbs.
FJDS100804* FJDHS100804* FJDHP100804* FJDHPW100804* FJDHSW100804* FJDFHPW100804*	11.62 x 9.37 x 5.06 (295 x 238 x 129)	9.73 x 7.73 x 4.83 (247 x 196 x 123)	8.25 x 6.25 (210 x 159)	10.75 x 6 (273 x 152)	4.37 (111)	8.25 (209)	6.25 (159)	0.25 (6)	11.37 (289)	0.31 (8)	5 lbs.
FJS121005 FJHS121005 FJHP121005 FJHPW121005 FJHSW121005 FJFHPW121005	13.56 x 11.43 x 5.21 (344 x 291 x 132)	11.79 x 9.80 x 4.94 (299 x 249 x 125)	10.25 x 8.25 (260 x 210)	12.75 x 8 (324 x 203)	4.5 (114)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	0.31 (8)	6.5 lbs.

\*Deep cover - center of cover raised 3/4".

# Fiberglass Enclosures Junction Box Series



Junction Box Series

## Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Window Area	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight
FJS121206 FJHS121206 FJHP121206 FJHPW121206 FJHSW121206 FJFHPW121206	13.56 x 13.38 x 6.36 (344 x 340 x 161)	11.70 x 11.70 x 6.11 (297 x 297 x 155)	12.75 x 10.00 (324 x 254)	12.75 x 10.00 (324 x 254)	5.53 (140)	10.25 (260)	10.25 (260)	0.25 (6)	13.38 (340)	0.31 (8)	3.2 lbs.
FJS140707 FJHS140707 FJHP140707 FJHPW140707 FJHSW140707 FJFHPW140707	15.87 x 8.75 x 6.81 (403 x 222 x 173)	14.00 x 7.00 x 6.56 (356 x 178 x 167)	12.75 x 5.75 (324 x 146)	15 x 5 (381 x 127)	6.12 (156)	12.25 (311)	5.25 (133)	0.25 (6)	15.75 (400)	0.31 (8)	6.25 lbs.
FJS141206 FJHS141206 FJHP141206 FJHPW141206 FJHSW141206 FJFHPW141206	15.50 x 13.50 x 6.25 (394 x 343 x 159)	13.53 x 11.55 x 5.94 (344 x 293 x 151)	12.25 x 10.25 (311 x 260)	14.62 x 10 (371 x 254)	5.37 (137)	12.25 (311)	10.25 (260)	0.25 (6)	15.47 (393)	0.31 (8)	8.5 lbs.
FJS161406 FJHS161406 FJHP161406 FJHPW161406 FJHSW161406 FJFHPW161406	17.53 x 15.46 x 6.23 (445 x 393 x 158)	15.63 x 13.60 x 5.94 (397 x 345 x 151)	14.25 x 12.25 (362 x 311)	16.75 x 12 (425 x 305)	5.36 (136)	14.25 (362)	12.25 (311)	0.25 (6)	17.45 (443)	0.31 (8)	11.5 lbs.
FJS181608 FJHS181608 FJHP181608 FJHPW181608 FJHSW181608 FJFHPW181608	19.62 x 17.61 x 8.82 (498 x 447 x 224)	17.69 x 15.69 x 8.45 (449 x 399 x 215)	16.25 x 14.25 (413 x 362)	18.88 x 12 (479 x 305)	7.99 (203)	16.25 (413)	14.25 (362)	0.25 (6)	19.61 (498)	0.31 (8)	19.25 lbs.
FJS201608 FJHS201608 FJHP201608 FJHPW201608 FJHSW201608 FJFHPW201608	22.00 x 17.68 x 8.83 (559 x 449 x 224)	19.72 x 15.72 x 8.45 (501 x 399 x 215)	18.25 x 14.25 (464 x 362)	21.25 x 10.00 (540 x 254)	8 (203)	18.25 (464)	14.25 (362)	0.25 (6)	21.68 (551)	0.31 (8)	20.25 lbs.

# Fiberglass Enclosures Raised Cover Series



Raised Cover Series

The Cooper Crouse-Hinds Raised Cover Series offer a solution for applications requiring an enclosure with a “raised” or “deeper” cover. The deeper cover is suitable for panel mounting and for use as an operator interface in industrial equipment control stations when required. The deeper cover allows every cubic inch of valuable internal enclosure space to be used. These enclosures are made of fiberglass reinforced polyester and have a poured polyurethane seamless gasket that provides a water-tight and dust-tight environmental seal for exceptional corrosion and chemical resistance. The Raised Cover Series will hold up under the most extreme applications and provide protection and reliability in high-end electronics applications, harsh corrosive environments, and industrial applications both indoors and out.



## Features & Benefits:

- Memory retaining continuous polyurethane gasket
- Molded in mounting flange
- Captive stainless steel cover screws
- Chemical resistant fiberglass reinforced polyester
- Submersible, non-corrosive design
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids






## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- Captive stainless steel screws
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws

## Ordering Information

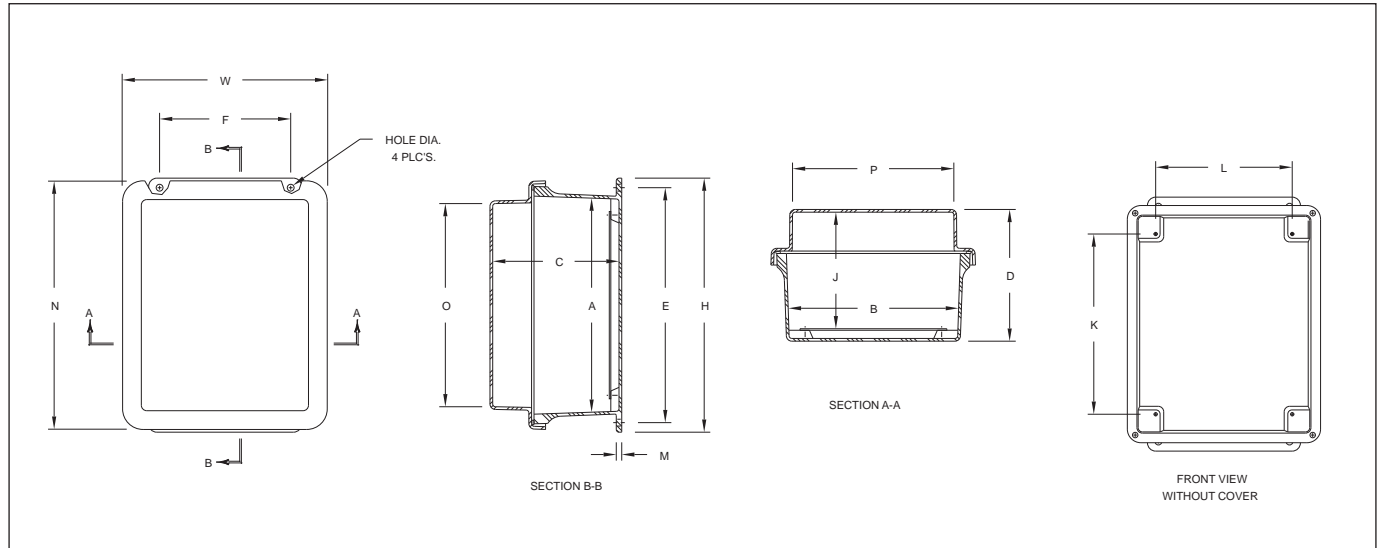
				
Inside H x W x D	4 Cover Screws With Lift Off Cover	2 Cover Screws With a Hinged Cover	Hinged Cover With a Padlock Latch	Mounting Plate*
5.84 x 3.85 x 5.95	FRCJS060406	FRCJHS060406	FRCJHP060406	FMP0604
5.72 x 5.72 x 5.95	FRCJS060606	FRCJHS060606	FRCJHP060606	FMP0606
7.73 x 5.74 x 5.95	FRCJS080606	FRCJHS080606	FRCJHP080606	FMP0806
7.73 x 7.73 x 4.82	FRCJS080805	FRCJHS080805	FRCJHP080805	FMP0808
9.73 x 7.73 x 6.36	FRCJS100806	FRCJHS100806	FRCJHP100806	FMP1008
11.79 x 9.80 x 6.32	FRCJS121006	FRCJHS121006	FRCJHP121006	FMP1210
11.70 x 11.70 x 6.29	FRCJS121208	FRCJHS121208	FRCJHP121208	FMP1212
13.53 x 11.55 x 7.45	FRCJS141208	FRCJHS141208	FRCJHP141208	FMP1412
15.63 x 13.60 x 7.45	FRCJS161408	FRCJHS161408	FRCJHP161408	FMP1614
17.69 x 15.69 x 10.31	FRCJS181610	FRCJHS181610	FRCJHP181610	FMP1816
19.72 x 15.72 x 10.33	FRCJS201610	FRCJHS201610	FRCJHP201610	FMP2016

\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)  
To order, add the suffix to the end of the part number

# Fiberglass Enclosures Raised Cover Series



## DIMENSIONAL DRAWINGS



Raised Cover Series

### Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	O	P	Hole Dia.	Weight
FRCJS060406 FRCJHS060406 FRCJHP060406	7.50 x 5.47 x 6.22 (191 x 139 x 158)	5.84 x 3.85 x 5.95 (148 x 98 x 151)	5.84 x 3.85 x 5.95 (148 x 98 x 151)	5.49 (140)	4.25 (108)	2.25 (57)	0.25 (6)	7.45 (189)	5.31 (135)	3.34 (85)	0.31 (8)	2.5 lbs.
FRCJS060606 FRCJHS060606 FRCJHP060606	7.50 x 7.52 x 6.22 (191 x 191 x 158)	5.72 x 5.72 x 5.95 (145 x 145 x 151)	6.75 x 4 (171 x 101)	5.49 (140)	4.25 (108)	4.25 (108)	0.25 (6)	7.52 (191)	5.34 (136)	5.31 (135)	0.31 (8)	2.75 lbs.
FRCJS080606 FRCJHS080606 FRCJHP080606	9.62 x 7.46 x 6.22 (244 x 190 x 158)	7.73 x 5.74 x 5.95 (196 x 146 x 151)	8.88 x 4 (225 x 101)	5.49 (140)	6.25 (159)	4.25 (108)	0.25 (6)	9.36 (238)	7.25 (185)	5.28 (134)	0.31 (8)	3.5 lbs.
FRCJS080805 FRCJHS080805 FRCJHP080805	9.56 x 9.38 x 6.26 (243 x 238 x 159)	7.73 x 7.73 x 6.01 (196 x 196 x 153)	8.75 x 6.00 (222 x 152)	5.43 (138)	6.25 (159)	6.25 (159)	0.25 (6)	9.37 (238)	7.17 (182)	7.17 (182)	0.31 (8)	4 lbs.
FRCJS100806 FRCJHS100806 FRCJHP100806	11.62 x 9.37 x 6.61 (295 x 238 x 168)	9.73 x 7.73 x 6.36 (247 x 196 x 162)	10.75 x 6 (273 x 152)	5.91 (150)	8.25 (209)	6.25 (159)	0.25 (6)	11.38 (289)	9.3 (236)	7.38 (188)	0.31 (8)	5 lbs.
FRCJS121006 FRCJHS121006 FRCJHP121006	13.56 x 11.43 x 6.61 (344 x 291 x 168)	11.79 x 9.80 x 6.32 (299 x 249 x 161)	12.75 x 8 (324 x 203)	5.87 (149)	10.25 (260)	8.25 (209)	0.25 (6)	13.41 (341)	11.2 (284)	9.23 (234)	0.31 (8)	6.5 lbs.
FRCJS121208 FRCJHS121208 FRCJHP121208	13.56 x 13.38 x 7.73 (344 x 340 x 196)	11.70 x 11.70 x 7.48 (297 x 297 x 190)	12.75 x 10.00 (324 x 254)	6.90 (175)	10.25 (260)	10.25 (260)	0.25 (6)	13.38 (340)	11.17 (284)	11.17 (284)	0.31 (8)	7.4 lbs.
FRCJS141208 FRCJHS141208 FRCJHP141208	15.50 x 13.38 x 7.69 (394 x 340 x 195)	13.53 x 11.55 x 7.45 (344 x 293 x 189)	14.62 x 10 (371 x 254)	6.87 (174)	12.25 (311)	10.25 (260)	0.25 (6)	15.42 (392)	13.2 (335)	11.16 (284)	0.31 (8)	8.5 lbs.
FRCJS161408 FRCJHS161408 FRCJHP161408	17.53 x 15.43 x 7.71 (445 x 392 x 196)	15.63 x 13.60 x 7.45 (397 x 345 x 189)	16.75 x 12 (425 x 305)	6.87 (174)	14.25 (362)	12.25 (311)	0.25 (6)	17.43 (443)	15.2 (386)	13.24 (336)	0.31 (8)	11.5 lbs.
FRCJS181610 FRCJHS181610 FRCJHP181610	19.62 x 17.48 x 10.62 (498 x 444 x 270)	17.69 x 15.69 x 10.31 (449 x 399 x 262)	18.88 x 12 (479 x 305)	9.86 (250)	16.25 (413)	14.25 (362)	0.25 (6)	19.49 (495)	17.25 (438)	15.25 (387)	0.31 (8)	19.25 lbs.
FRCJS201610 FRCJHS201610 FRCJHP201610	22.00 x 17.56 x 10.64 (559 x 446 x 270)	19.72 x 15.72 x 10.33 (501 x 399 x 262)	21.25 x 10.00 (540 x 254)	9.87 (251)	18.25 (464)	14.25 (362)	0.25 (6)	21.56 (548)	19.31 (490)	15.39 (391)	0.31 (8)	20.25 lbs.

# Fiberglass Enclosures Xtra Deep Series



Xtra Deep Series

The Cooper Crouse-Hinds Xtra Deep Series offer a solution for applications requiring an extra deep enclosure. The deep, durable enclosure has nearly equal capacity in both the cover and the base, giving you ample room for your cover or mounting plate components. The fiberglass reinforced polyester enclosure with flange mount base, stainless steel hardware and poured polyurethane seamless gasket provides exceptional corrosion and chemical resistance in a water-tight and dust-tight environmental seal. The Xtra Deep Series will hold up under the most extreme applications and provide protection and reliability in high-end electronics applications, harsh corrosive environments, and industrial applications both indoors and out.



## Features & Benefits:

- Memory retaining continuous polyurethane gasket
- Integral mounting flange
- Molded in panel mounting inserts
- Chemical resistant fiberglass reinforced polyester
- Non-corrosive design
- Full length stainless steel hinge
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 4X, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 4X, 12
- NEMA Standard 250 - Types 1, 3, 4X, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating

## Materials and Finishes:

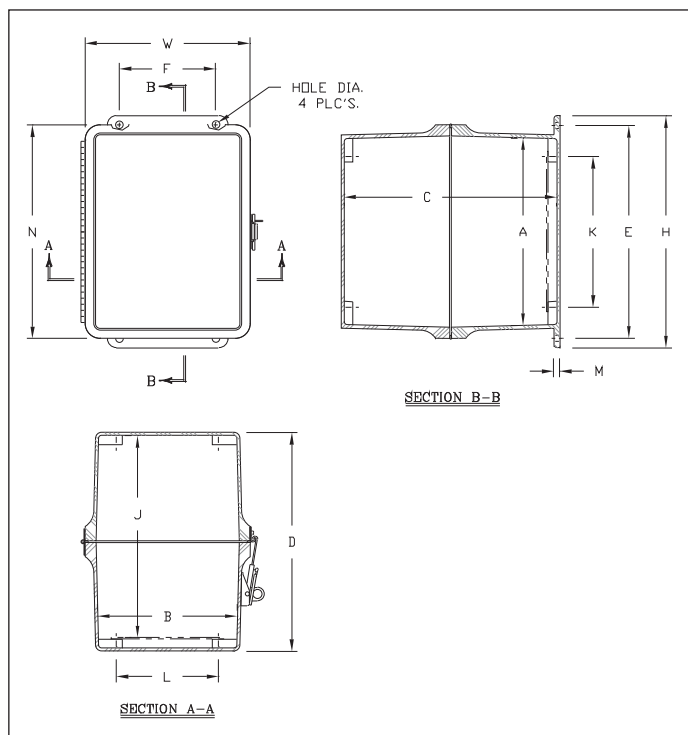
- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- 304 stainless steel used on all external hardware
- Molded in mounting flange
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws

## Ordering Information

Inside H x W x D	Padlockable Twist Latch	Mounting Plate*
5.84 x 3.85 x 8.81	FXDJ060408	FMP0604
5.72 x 5.72 x 8.81	FXDJ060608	FMP0606
7.73 x 5.74 x 8.82	FXDJ080608	FMP0806
7.73 x 7.73 x 9.18	FXDJ080808	FMP0808
9.73 x 7.73 x 7.84	FXDJ100808	FMP1008
11.79 x 9.80 x 9.81	FXDJ121010	FMP1210
11.70 x 11.70 x 12.12	FXDJ121212	FMP1212
13.50 x 11.55 x 11.81	FXDJ141212	FMP1412
15.63 x 13.60 x 11.81	FXDJ161412	FMP1614
17.69 x 15.69 x 16.81	FXDJ181617	FMP1816
19.71 x 15.71 x 16.81	FXDJ201617	FMP2016

\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)  
To order, add the suffix to the end of the part number

## Dimensional Drawings



## Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	M	N	Hole Dia.	Weight
FXDJ060408	7.50 x 4.94 x 9.07 (190 x 125 x 230)	5.84 x 3.85 x 8.81 (148 x 98 x 224)	6.75 x 2.00 (171 x 51)	8.36 (212)	4.25 (108)	2.25 (57)	0.25 (6)	6.89 (175)	0.31 (8)	3 lbs.
FXDJ060608	7.50 x 6.88 x 9.07 (190 x 175 x 230)	5.72 x 5.72 x 8.81 (145 x 145 x 224)	6.75 x 4.00 (171 x 101)	8.36 (212)	4.25 (108)	4.25 (108)	0.25 (6)	6.89 (175)	0.31 (8)	3 lbs.
FXDJ08608	9.62 x 6.84 x 9.07 (244 x 174 x 230)	7.73 x 5.74 x 8.82 (196 x 146 x 224)	8.88 x 4.00 (225 x 101)	8.37 (213)	6.25 (159)	4.25 (108)	0.25 (6)	8.87 (225)	0.31 (8)	4 lbs.
FXDJ080808	9.56 x 8.84 x 9.43 (243 x 224 x 239)	7.73 x 7.73 x 9.18 (196 x 196 x 233)	8.75 x 6.00 (222 x 152)	8.60 (219)	6.25 (159)	6.25 (159)	0.25 (6)	8.84 (224)	0.31 (8)	5 lbs.
FXDJ100808	11.62 x 8.81 x 8.09 (295 x 224 x 206)	9.73 x 7.73 x 7.84 (247 x 196 x 199)	10.75 x 6.00 (273 x 152)	7.39 (188)	8.25 (209)	6.25 (159)	0.25 (6)	10.86 (276)	0.31 (8)	6 lbs.
FXDJ121010	13.56 x 10.83 x 10.06 (344 x 275 x 256)	11.79 x 9.80 x 9.81 (299 x 249 x 249)	12.75 x 8.00 (324 x 203)	9.36 (238)	10.25 (260)	8.25 (209)	0.25 (6)	12.95 (329)	12.95 (329)	8 lbs.
FXDJ121212	13.56 x 12.84 x 12.37 (344 x 326 x 314)	11.70 x 11.70 x 12.12 (297 x 297 x 308)	12.75 x 10.00 (324 x 254)	11.54 (293)	10.25 (260)	10.25 (260)	0.25 (6)	12.84 (326)	0.31 (8)	9 lbs.
FXDJ141212	15.50 x 12.83 x 12.06 (394 x 326 x 306)	13.50 x 11.55 x 11.81 (343 x 293 x 300)	14.62 x 10.00 (371 x 254)	11.23 (285)	12.25 (311)	10.25 (260)	0.25 (6)	14.88 (378)	0.31 (8)	12 lbs.
FXDJ161412	17.53 x 14.88 x 12.05 (445 x 378 x 306)	17.53 x 14.88 x 12.05 (445 x 378 x 306)	16.75 x 12.00 (425 x 305)	11.23 (285)	14.25 (362)	12.25 (311)	0.25 (6)	16.95 (431)	0.31 (8)	14 lbs.
FXDJ181617	19.62 x 16.91 x 17.19 (498 x 429 x 436)	17.69 x 15.69 x 16.81 (449 x 398 x 427)	18.88 x 12.00 (479 x 305)	16.36 (415)	16.25 (413)	14.25 (362)	0.25 (6)	18.91 (480)	0.31 (8)	22 lbs.
FXDJ201617	22.00 x 17.00 x 17.21 (558 x 431 x 437)	19.71 x 15.71 x 16.81 (501 x 399 x 427)	21.25 x 10.00 (540 x 254)	16.36 (415)	18.25 (464)	14.25 (362)	14.25 (362)	21.00 (533)	0.31 (8)	25 lbs.



# Fiberglass Enclosures Advantage Series



Advantage Series

The Cooper Crouse-Hinds Advantage Series offer is our most extensive selection of durable industrial non-metallic boxes. Available in a wide range of options, the Advantage Series is available in over 36 various configurations with options such as stainless steel hinges or stainless steel pull latches each with or without clear covers. These enclosures are made of fiberglass reinforced polyester and have a poured polyurethane seamless gasket that provides a water-tight and dust-tight environmental seal for exceptional corrosion and chemical resistance. The resilient Advantage Series will provide high impact resistance in the most extreme conditions and provide protection and reliability in the most adverse applications.



## Features & Benefits:

- Memory retaining continuous polyurethane gasket
- No penetrating hardware
- Chemical resistant fiberglass reinforced polyester
- Non-corrosive design
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 3S, 4X, 12, 13
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 3S, 4X, 12, 13
- NEMA Standard 250 - Types 1, 3, 3S, 4X, 12, 13
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating
- IP66

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- 304 stainless steel used on all external hardware
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts accepting 10-32 screws

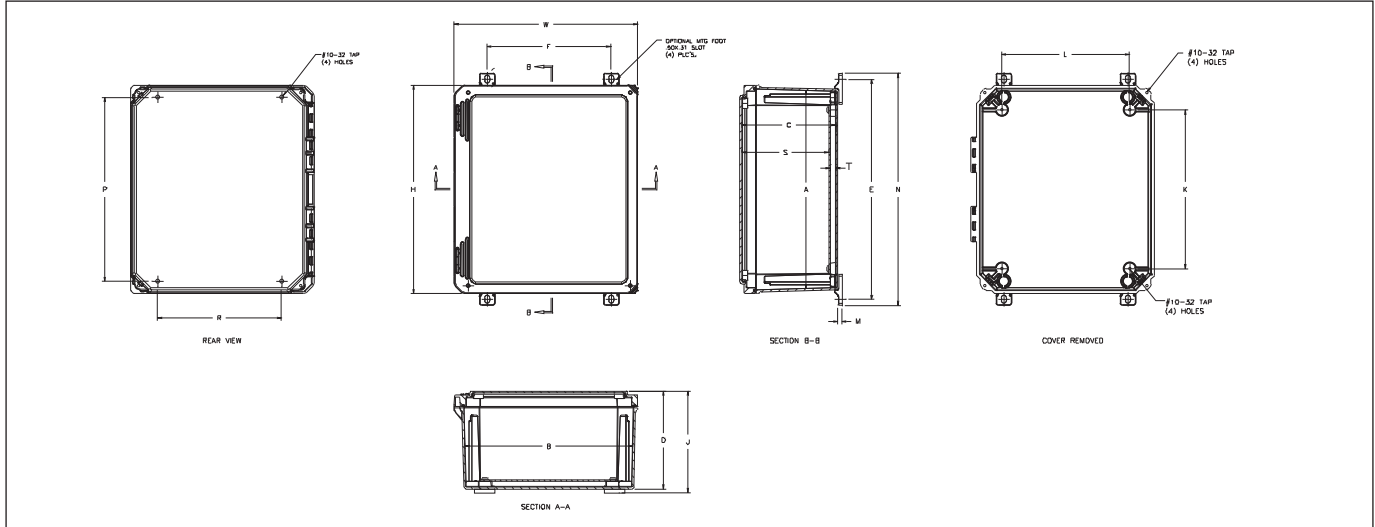
## Options:

- Mounting feet kit available for field installation. Order part number FAMTGFTKIT

## Ordering Information

Inside H x W x D	2 Cover Screws With a Hinged Cover	Hinged Cover With a Padlock Latch	2 Cover Screws With a Clear Hinged Cover	Hinged Clear Cover With a Padlock Latch	Cover Panel With Mounting Hardware	Mounting Plate
7.41 x 7.79 x 4.31	FAHS060604	FAHP060604	FAHSCC060604	FAHPCC060604	FACP0606SA	FMP0606
9.41 x 7.79 x 4.31	FAHS080604	FAHP080604	FAHSCC080604	FAHPCC080604	FACP0806SA	FMP0806
9.39 x 9.76 x 4.31	FAHS080804	FAHP080804	FAHSCC080804	FAHPCC080804	FACP0808SA	FMP0808
11.42 x 9.79 x 6.31	FAHS100806	FAHP100806	FAHSCC100806	FAHPCC100806	FACP1008SA	FMP1008
13.45 x 11.83 x 6.31	FAHS121006	FAHP121006	FAHSCC121006	FAHPCC121006	FACP1210SA	FMP1210
15.49 x 13.86 x 6.34	FAHS141206	FAHP141206	FAHSCC141206	FAHPCC141206	FACP1412SA	FMP1412
15.49 x 13.86 x 8.34	FAHS141208	FAHP141208	FAHSCC141208	FAHPCC141208	FACP1412SA	FMP1412
17.58 x 15.96 x 8.34	FAHS161408	FAHP161408	FAHSCC161408	FAHPCC161408	FACP1614SA	FMP1614
19.77 x 18.15 x 10.34	FAHS181610	FAHP181610			FACP1816SA	FMP1816
21.79 x 18.16 x 10.34	FAHS201610	FAHP201610			FACP2016SA	FMP2016

## Dimensional Drawings



Advantage Series

## Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting P x R	K	L	S	T	Opt. Mtg. Feet E x F	N	J	M	Weight
FAHS060604 FAHP060604 FAHSCC060604 FAHPCC060604	7.41H (188.3) 9.79W (248.6) 4.31D (109.5)	6.77 x 6.77 x 4.06 (171.9 x 171.9 x 103.2)	5.93 x 4.00 (150.6 x 101.6)	4.25 (108)	4.25 (108)	3.60 (91.5)	0.38 (9.6)	8.24 x 4.00 (209.2 x 101.6)	9.02 (229.0)	4.56 (115.8)	0.25 (6.35)	2.5 lbs.
FAHS080604 FAHP080604 FAHSCC080604 FAHPCC080604	9.41H (239.1) 9.79W (248.6) 4.31D (109.5)	8.77 x 6.77 x 4.06 (222.7 x 171.9 x 103.2)	7.91 x 4.00 (200.9 x 101.6)	6.25 (159)	4.25 (108)	3.60 (91.5)	0.38 (9.6)	10.21 x 4.00 (259.3 x 101.6)	10.98 (279.0)	4.56 (115.8)	0.25 (6.35)	3.0 lbs.
FAHS080804 FAHP080804 FAHSCC080804 FAHPCC080804	9.39H (238.5) 9.76W (248.0) 4.31D (109.5)	8.74 x 8.74 x 4.06 (222.1 x 222.1 x 103.2)	7.91 x 6.00 (200.9 x 152.4)	6.25 (159)	6.25 (159)	3.60 (91.5)	0.38 (9.6)	10.21 x 6.00 (259.3 x 152.4)	10.98 (279.0)	4.56 (115.8)	0.25 (6.35)	3.5 lbs.
FAHS100806 FAHP100806 FAHSCC100806 FAHPCC100806	11.42H (290.1) 9.79W (248.6) 6.31D (160.3)	10.73 x 8.73 x 6.06 (272.5 x 221.7 x 153.9)	9.89 x 6.00 (251.2 x 152.4)	8.25 (210)	6.25 (159)	5.60 (142.3)	0.38 (9.6)	12.19 x 6.00 (309.6 x 152.4)	12.96 (329.3)	6.56 (166.6)	0.25 (6.35)	4.5 lbs.
FAHS121006 FAHP121006 FAHSCC121006 FAHPCC121006	13.45H (341.6) 11.83W (300.5) 6.31D (160.3)	12.69 x 10.69 x 6.06 (322.3 x 271.5 x 153.9)	11.88 x 8.00 (301.7 x 203.2)	10.25 (260)	8.25 (210)	5.60 (142.3)	0.38 (9.6)	14.18 x 8.00 (360.2 x 203.2)	14.95 (379.7)	6.56 (166.6)	0.25 (6.35)	6.0 lbs.
FAHS141206 FAHP141206 FAHSCC141206 FAHPCC141206	15.49H (393.4) 13.86W (352.0) 6.34D (161.0)	14.72 x 12.72 x 6.06 (373.9 x 323.1 x 153.9)	13.91 x 10.00 (353.3 x 254.0)	12.25 (311)	10.25 (260)	5.60 (142.3)	0.38 (9.6)	16.21 x 10.00 (411.7 x 254.0)	16.98 (431.4)	6.59 (167.4)	0.25 (6.35)	8.0 lbs.
FAHS141208 FAHP141208 FAHSCC141208 FAHPCC141208	15.49H (393.4) 13.86W (352.0) 8.34D (211.8)	14.66 x 12.66 x 8.06 (372.4 x 321.6 x 204.7)	13.88 x 10.00 (352.5 x 254.0)	12.25 (311)	10.25 (260)	7.60 (193.2)	0.38 (9.6)	16.19 x 10.00 (411.2 x 254.0)	16.96 (430.9)	8.59 (218.2)	0.25 (6.35)	9.5 lbs.
FAHS161408 FAHP161408 FAHSCC161408 FAHPCC161408	17.58H (446.6) 15.96W (405.4) 8.34D (211.8)	16.69 x 14.69 x 8.06 (424.0 x 373.1 x 204.7)	15.96 x 12.00 (405.4 x 304.8)	14.25 (362)	12.25 (311)	7.60 (193.2)	0.38 (9.6)	18.26 x 12.00 (464.0 x 304.8)	19.04 (483.5)	8.59 (218.2)	0.25 (6.35)	11.5 lbs.
FAHS181610 FAHP181610	19.77H (502.2) 18.15W (461.0) 10.34D (262.6)	18.63 x 16.63 x 10.06 (473.2 x 422.4 x 255.5)	17.94 x 14.00 (455.6 x 355.6)	16.25 (413)	14.25 (362)	9.60 (243.9)	0.38 (9.6)	20.24 x 14.00 (514.3 x 355.6)	21.02 (533.8)	10.59 (268.9)	0.25 (6.35)	16.0 lbs.
FAHS201610 FAHP201610	21.79H (553.5) 18.16W (461.2) 10.34D (262.6)	20.63 x 16.63 x 10.06 (524.0 x 422.4 x 255.5)	19.96 x 14.00 (506.9 x 355.6)	18.25 (463)	14.25 (362)	9.59 (243.7)	0.38 (9.6)	22.26 x 14.00 (565.6 x 355.6)	23.04 (585.1)	10.59 (268.9)	0.25 (6.35)	17.5 lbs.

# Fiberglass Enclosures

## Wall Mount & Large Fiberglass Enclosure Series



The Cooper Crouse-Hinds Wall Mount and Large Fiberglass Enclosure Series offer a solution for applications requiring a large enclosure especially suited for indoor or outdoor use and to provide protection against falling dirt, rain, sleet, snow, and windblown dust. The fiberglass reinforced polyester Wall Mount Series is available in NEMA 3R and 4X configurations and the poured polyurethane seamless gasket provides a watertight and dust-tight environmental seal for exceptional corrosion and chemical resistance.

Enclosure Series

### Features & Benefits:

- Memory retaining continuous polyurethane gasket
- Lightweight
- Integral mounting feet
- Molded in panel mounting inserts
- Stainless steel full length continuous hinge
- Built in padlock hasp
- Chemical resistant fiberglass reinforced polyester
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Rain shield protection against incidental water ingress for NEMA 3R enclosures
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids



### Certification & Compliances:

#### 3R Series

- UL/cUL 50, Types 1, 3R
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3R
- NEMA Standard 250 - Types 1, 3R
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating

#### 4X Series

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating

#### Large Fiberglass

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- IP55 & IP66
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating








### Materials and Finishes:

- Hot compression molded fiberglass reinforced polyester hand layup FRP
- Poured polyurethane seamless gasket provides water-tight dust-tight environmental seal
- 304 stainless steel used on all external hardware
- Bosses utilize threaded brass inserts accepting 10-32 screws

# Fiberglass Enclosures Wall Mount & Large Fiberglass Enclosure Series



## Ordering Information:

		
Inside H x W x D	Stainless Steel Hinged, Latched Down Cover	Mounting Plate*
15.92 x 10.27 x 8.53	F4WMSHL161007	FMPWM1610
19.70 x 16.04 x 13.24	F4WMSHL201612	FMPWM2016
24.00 x 12.87 x 7.33	F4WMSHL241206	FMPWM2412
24.00 x 12.87 x 11.33	F4WMSHL241210	FMPWM2412
24.05 x 20.39 x 9.25	F4WMSHL242008	FMPWM2420
24.05 x 24.39 x 11.25	F4WMSHL242410	FMPWM2424
24.05 x 24.39 x 13.25	F4WMSHL242412	FMPWM2424
29.90 x 20.14 x 7.23	F4WMSHL302006	FMPWM3020
29.90 x 20.14 x 9.23	F4WMSHL302008	FMPWM3020
29.90 x 20.14 x 11.23	F4WMSHL302010	FMPWM3020
29.90 x 20.14 x 13.23	F4WMSHL302012	FMPWM3020
30.46 x 25.47 x 8.12	F4WMSHL302407	FMPWM3024
30.46 x 25.47 x 11.27	F4WMSHL302410	FMPWM3024
30.46 x 25.47 x 13.10	F4WMSHL302412	FMPWM3024
36.31 x 31.69 x 9.36	F4WMSHL363008	FMPWM3630
36.31 x 31.69 x 11.36	F4WMSHL363010	FMPWM3630
36.31 x 31.69 x 13.36	F4WMSHL363012	FMPWM3630
		
19.70 x 16.04 x 7.24	F3WMSHL201606	FMPWM2016
24.05 x 24.39 x 11.25	F3WMSHL242410	FMPWM2424
29.90 x 20.14 x 9.23	F3WMSHL302008	FMPWM3020
29.90 x 20.14 x 11.23	F3WMSHL302010	FMPWM3020
30.46 x 25.47 x 11.27	F3WMSHL302410	FMPWM3024
30.46 x 25.47 x 13.10	F3WMSHL302412	FMPWM3024
36.31 x 31.69 x 9.36	F3WMSHL363008	FMPWM3630
36.31 x 31.69 x 11.36	F3WMSHL363010	FMPWM3630
36.31 x 31.69 x 13.36	F3WMSHL363012	FMPWM3630
48.33 x 36.22 x 13.25	F3WMSHL483612	FMPWM4836
48.33 x 32.22 x 17.25	F3WMSHL483616	FMPWM4836
		
48.33 x 36.22 x 13.25	F4LSHL483612	FMPWM4836
48.33 x 32.22 x 17.25	F4LSHL483616	FMPWM4836
60.62 x 36.13 x 13.44	F4LSHL603612	FMPWM6036
60.62 x 36.13 x 17.44	F4LSHL603616	FMPWM6036
36.12 x 48.12 x 13.00	F4LSHLDD364812	FMPWM3648
72.00 x 25.00 x 25.88	F4LSHLFS722525	FMPWM7225
72.00 x 49.00 x 25.88	F4LSHLFSD724925	FMPWM7249

\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS).  
To order, add the suffix to the end of the part number

## Number of Latches

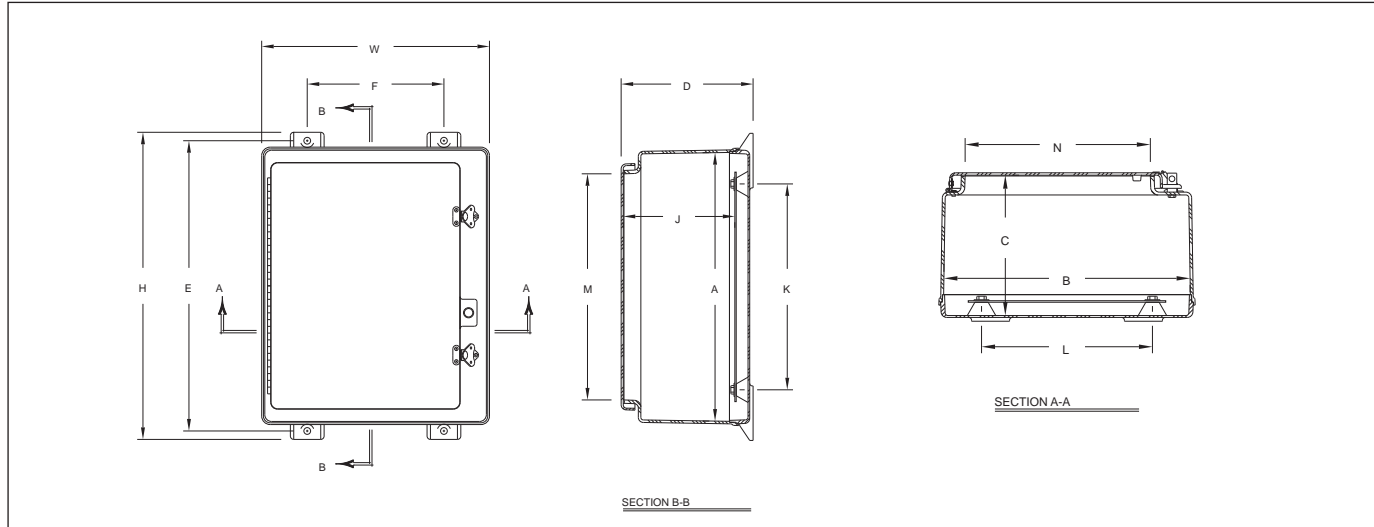
Inside Enclosure Dimensions	3R Stainless Steel Hinge	4X Stainless Steel Hinge
161007	2	2
201606	2	2
201612	2	2
241206	2	2
241210	2	2
242008	2	4
242410	2	2
242412	2	2
302006		
302008	2	5
302010		
302012		
302407		
302410	2	5
302412		
363008		
363010	3	5
363012		
483612	3	10
483616		

Enclosure Series

# Fiberglass Enclosures Wall Mount & Large Fiberglass Enclosure Series



## Dimensional Drawings



## Wall Mount Series - NEMA 4X Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight
F4WMSHL161007	18.75 x 10.96 x 9.03 (476 x 278 x 229)	15.92 x 10.27 x 8.53 (404 x 261 x 217)	17.50 x 7.00 (444 x 178)	7.8 (198)	12 (305)	7.5 (191)	13.14 x 6.00 (334 x 152)	12 lbs.
F4WMSHL201612	22.75 x 16.87 x 13.77 (578 x 429 x 350)	19.70 x 16.04 x 13.24 (500 x 407 x 336)	21.50 x 10.12 (546 x 257)	12.26 (312)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	24 lbs.
F4WMSHL241206	26.95 x 13.72 x 7.98 (685 x 348 x 203)	24.00 x 12.87 x 7.33 (610 x 327 x 186)	25.75 x 6.25 (654 x 159)	6.33 (161)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	21 lbs.
F4WMSHL241210	26.95 x 13.72 x 11.99 (685 x 348 x 304)	24.00 x 12.87 x 11.33 (610 x 327 x 288)	25.75 x 6.25 (654 x 159)	10.33 (262)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	25 lbs.
F4WMSHL242008	27.00 x 21.24 x 9.90 (686 x 539 x 252)	24.05 x 20.39 x 9.25 (611 x 518 x 235)	25.75 x 14.00 (654 x 356)	8.25 (209)	19.25 (489)	15.25 (387)	21.25 x 16.00 (540 x 406)	32 lbs.
F4WMSHL242410	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	42 lbs.
F4WMSHL242412	27.00 x 25.24 x 13.90 (686 x 641 x 353)	24.05 x 24.39 x 13.25 (611 x 619 x 336)	25.75 x 17.87 (654 x 454)	12.25 (311)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	43 lbs.
F4WMSHL302006	32.86 x 20.99 x 7.89 (835 x 533 x 200)	29.90 x 20.14 x 7.23 (760 x 511 x 184)	30.75 x 14.25 (806 x 362)	6.23 (158)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	34 lbs.
F4WMSHL302008	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	36 lbs.
F4WMSHL302010	32.86 x 20.99 x 11.89 (835 x 533 x 302)	29.90 x 20.14 x 11.23 (760 x 511 x 285)	31.75 x 14.25 (806 x 362)	10.23 (260)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	39 lbs.
F4WMSHL302012	29.90 x 20.14 x 13.23 (760 x 511 x 336)	29.90 x 20.14 x 13.23 (760 x 511 x 336)	31.75 x 14.25 (806 x 362)	12.23 (311)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	48 lbs.
F4WMSHL302407	33.41 x 26.32 x 8.81 (849 x 668 x 224)	30.46 x 25.47 x 8.12 (774 x 647 x 206)	32.25 x 18.50 (819 x 470)	7.12 (181)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	45 lbs.
F4WMSHL302410	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	50 lbs.
F4WMSHL302412	33.41 x 26.32 x 13.79 (849 x 668 x 350)	30.46 x 25.47 x 13.10 (774 x 647 x 333)	32.25 x 18.50 (819 x 470)	12.1 (307)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	54 lbs.
F4WMSHL363008	39.31 x 32.50 x 10.05 (999 x 826 x 255)	36.31 x 31.69 x 9.36 (922 x 805 x 238)	38.13 x 23.88 (968 x 606)	8.36 (212)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	75 lbs.
F4WMSHL363010	39.31 x 32.50 x 12.05 (999 x 826 x 306)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	78 lbs.
F4WMSHL363012	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	81 lbs.

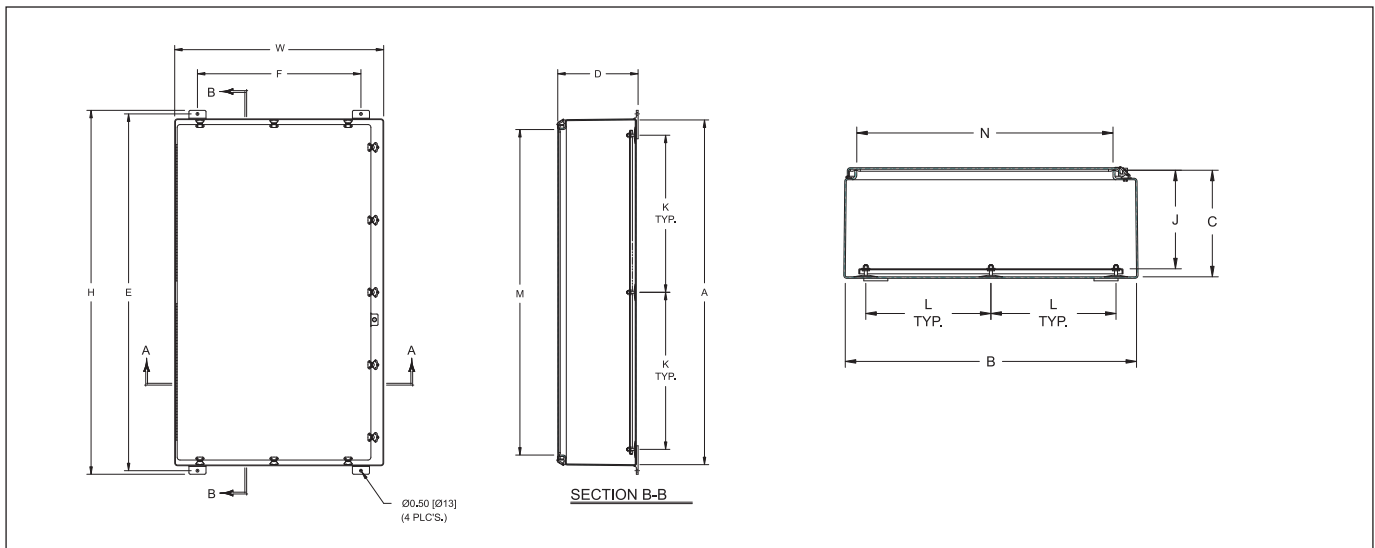
# Fiberglass Enclosures Wall Mount & Large Fiberglass Enclosure Series



Enclosure Series

## Wall Mount Series - NEMA 3R Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight
F3WMSHL201606	22.75 x 16.87 x 8.27 (578 x 429 x 210)	19.17 x 16.04 x 7.24 (500 x 407 x 184)	21.50 x 10.12 (546 x 257)	6.26 (159)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	17 lbs.
F3WMSHL242410	27.00 x 25.24 x 11.90 (686 x 641 x 302)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	42 lbs.
F3WMSHL302008	32.86 x 20.99 x 9.89 (835 x 533 x 251)	29.90 x 20.14 x 9.23 (760 x 511 x 234)	31.75 x 14.25 (806 x 362)	8.23 (209)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	36 lbs.
F3WMSHL302010	32.86 x 20.99 x 11.89 (835 x 533 x 302)	29.90 x 20.14 x 11.23 (760 x 511 x 285)	31.75 x 14.25 (806 x 362)	10.23 (260)	25.25 (641)	15.25 (387)	27.00 x 16.50 (686 x 419)	39 lbs.
F3WMSHL302410	33.41 x 26.32 x 11.95 (849 x 668 x 304)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	50 lbs.
F3WMSHL302412	33.41 x 26.32 x 13.79 (849 x 668 x 350)	30.46 x 25.47 x 13.10 (774 x 647 x 333)	32.25 x 18.50 (819 x 470)	12.10 (307)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	54 lbs.
F3WMSHL363008	39.31 x 32.50 x 10.05 (999 x 826 x 255)	36.31 x 31.69 x 9.36 (922 x 805 x 238)	38.13 x 23.88 (968 x 606)	8.36 (212)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	75 lbs.
F3WMSHL363010	39.31 x 32.50 x 12.05 (999 x 826 x 306)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	78 lbs.
F3WMSHL363012	39.31 x 32.50 x 14.05 (999 x 826 x 357)	36.31 x 31.69 x 13.36 (922 x 805 x 339)	38.13 x 23.88 (968 x 606)	12.36 (314)	31.25 (794)	25.25 (641)	33.25 x 27.25 (845 x 692)	81 lbs.



NEMA 3R Dimensional Drawing  
F3WMSHL483612 and F3WMSHL483616

F3WMSHL483612	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 28.50 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	146 lbs.
F3WMSHL483616	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 32.22 x 17.25 (1228 x 920 x 438)	50.12 x 28.50 (1273 x 724)	16.25 (413)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	164 lbs.

Wall Mount Series / NEMA 3R Chart reflects the Dimensional Drawings from the previous page.



# Fiberglass Enclosures Wall Mount & Large Fiberglass Enclosure Series



Enclosure Series

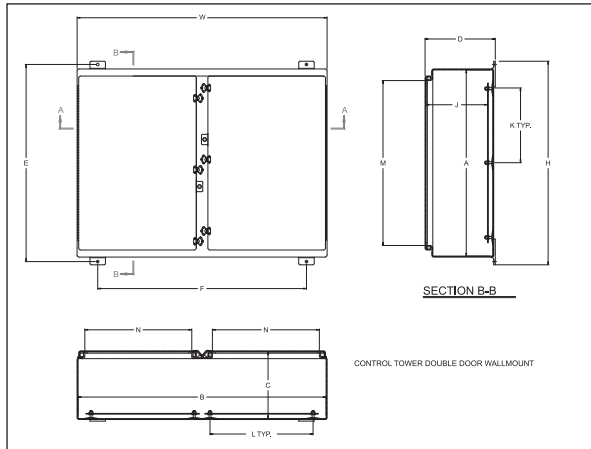
## Large Fiberglass Enclosures Series - Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	Weight
F4LSHL483612*	51.29 x 36.62 x 13.93 (1303 x 930 x 354)	48.33 x 36.22 x 13.25 (1228 x 920 x 336)	50.12 x 28.50 (1273 x 724)	12.25 (311)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	146 lbs.
F4LSHL483616*	51.29 x 36.62 x 17.93 (1303 x 930 x 456)	48.33 x 32.22 x 17.25 (1228 x 920 x 438)	50.12 x 28.50 (1273 x 724)	16.25 (413)	21.63 (549)	31.25 (794)	45.25 x 32.00 (1149 x 813)	164 lbs.
F4LSHL603612*	64.00 x 36.50 x 14.12 (1627 x 927 x 359)	60.62 x 36.13 x 13.44 (1540 x 918 x 441)	62.75 x 28.75 (1594 x 730)	12.44 (316)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	177 lbs.
F4LSHL603616*	64.00 x 36.50 x 18.12 (1627 x 927 x 460)	60.62 x 36.13 x 17.44 (1540 x 918 x 443)	62.75 x 28.75 (1594 x 730)	16.44 (418)	27.63 (702)	31.25 (794)	57.25 x 32.00 (1454 x 813)	198 lbs.
F4SHLDD364812	39.50 x 48.50 x 13.62 (1003 x 1232 x 346)	36.12 x 48.12 x 13.00 (917 x 1222 x 330)	38.25 x 40.5 (972 x 1029)	11.94 (303)	14.50 (368)	20.00 (508)	32.00 x 20.75 (813 x 527)	146 lbs.
F4SHLFS722525	72.50 x 25.50 x 26.38 (1841 x 648 x 492)	72.00 x 25.00 x 25.88 (1829 x 635 x 657)		24.88 (632)	15.50 (388)	19.00 (483)	64.75 x 21.00 (1645 x 533)	226 lbs.
F4SHLFSDD724925	72.50 x 49.50 x 26.38 (1842 x 1257 x 670)	72.00 x 49.00 x 25.88 (1829 x 1245 x 654)		24.88 (628)	15.50 (394)	20.00 (508)	64.75 x 21.00 (1645 x 533)	350 lbs.

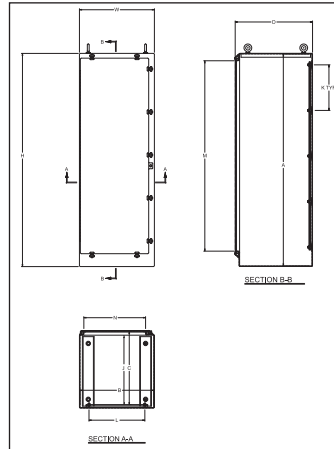
\* F4LSHL483612, F4LSHL483616, F4LSHL603612 and F4LSHL603616 reflective of the above chart

## Wall Mount & Large Fiberglass Enclosures Series – Dimensional Drawings

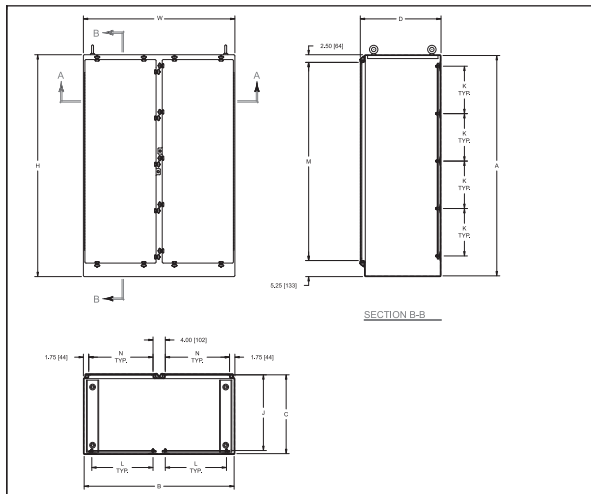
F4LSHDD364812



F4LSHLFS722525



F4LSHLFSDD724925





# Fiberglass Enclosures Disconnect and Circuit Breaker Series



The Cooper Crouse-Hinds Disconnect and Circuit Breaker Series are used in larger industrial control systems and machine tool control panels where a disconnect is desirable in extreme environmental conditions. This durable NEMA 4X rated enclosure provides protection from falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and will be undamaged by the external formation of ice on the enclosure. The poured polyurethane seamless gasket and fiberglass reinforced polyester enclosure provides exceptional corrosion and chemical resistance in adverse conditions.

## Features & Benefits:

- Integral mounting feet
- Stainless steel full length continuous hinge
- Padlockable in off position
- Lightweight
- Memory retaining continuous polyurethane gasket
- Molded in panel mounting inserts
- Chemical resistant fiberglass reinforced polyester
- Non-corrosive design
- Environmentally sealed Type 4X disconnect handle
- Water-tight, dust-tight
- Non-conductive, impact resistant, UV resistant
- Material cuts, drills, punches, and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

## Certification & Compliances:

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File Number E57656
- CSA Std C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- Temperature Range - (-76°F to +250°F) (-60°C to +120°C)
- Flammability Rating - UL94-5V
- Non-flame propagating






Breaker Series

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Poured polyurethane seamless gasket
- 304 stainless steel used on all external hardware
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts

## Ordering Information

		
Inside H x W x D	Disconnect	Mounting Plate*
16 x 10 x 8	FDC161008	FMPC1610
20 x 16 x 9	FDC201608	FMPC2016
24 x 12 x 11	FDC241212	FMPC2412
24 x 24 x 11	FDC242412	FMPC2424
30 x 24 x 11	FDC302412	FMPC3024
36 x 30 x 11	FDC363012	FMPC3630

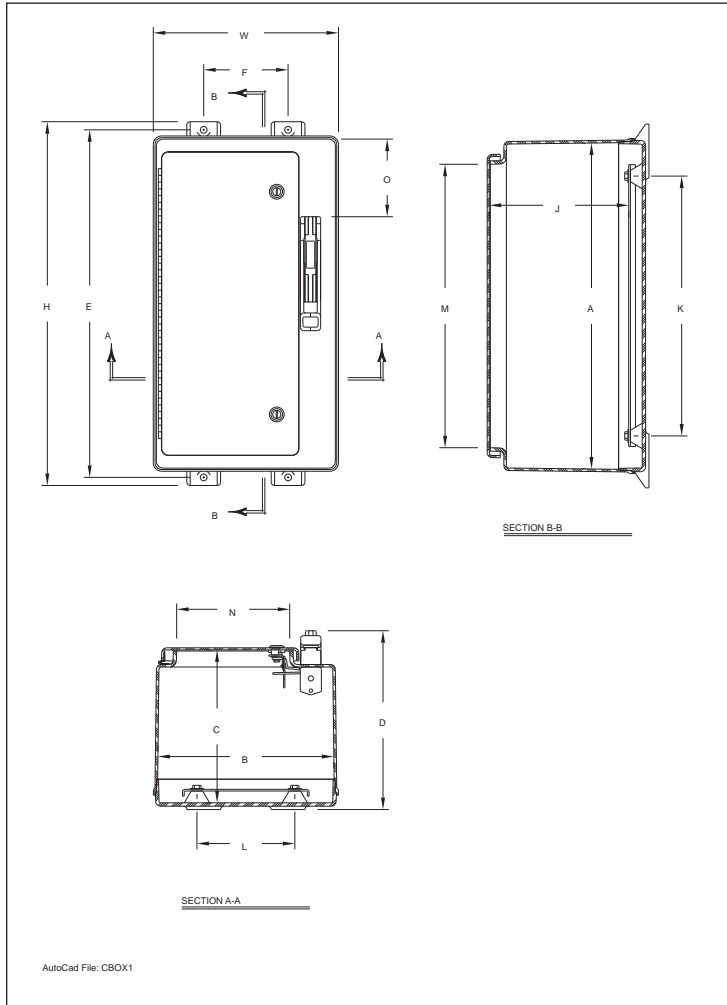
\* Available in: Aluminum (SA), Fiberglass (FG), Carbon Steel (C), and Stainless Steel (SS)  
To order, add the suffix to the end of the part number

# Fiberglass Enclosures Disconnect and Circuit Breaker Series



## Dimensional Drawings

Breaker Series



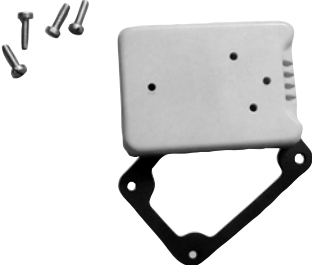
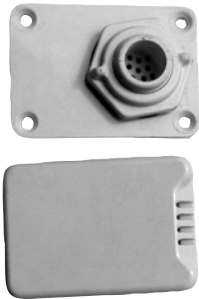


## Configuration Dimensions In Inches (mm)

Catalog Number	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Opening Enclosure M x N	O	Weight
<b>FDC161008</b>	18.75 x 10.96 x 10.25 (476 x 278 x 260)	15.92 x 10.27 x 8.53 (404 x 261 x 217)	17.50 x 7.00 (444 x 178)	7.8 (198)	12 (305)	7.5 (191)	13.14 x 6.00 (334 x 152)	3.50 (89)	13 lbs.
<b>FDC201608</b>	22.75 x 16.87 x 11.00 (578 x 429 x 279)	19.70 x 16.04 x 9.24 (500 x 407 x 235)	21.50 x 10.12 (546 x 257)	8.26 (210)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	3.50 (89)	23 lbs.
<b>FDC241212</b>	26.95 x 13.72 x 13.25 (685 x 348 x 337)	24.00 x 12.87 x 11.33 (610 x 327 x 288)	25.75 x 6.25 (654 x 159)	10.33 (262)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	5.75 (146)	26 lbs.
<b>FDC242412</b>	27.00 x 25.24 x 13.19 (686 x 641 x 335)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	5.75 (146)	40 lbs.
<b>FDC302412</b>	33.41 x 26.32 x 13.19 (849 x 668 x 335)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	12.25 (311)	51 lbs.
<b>FDC363012</b>	39.31 x 32.50 x 13.31 (999 x 826 x 338)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.5 (845 x 692)	12.25 (311)	79 lbs.

\*Disconnect, fuse block, breaker, yoke, switches, or other internal components are not furnished with enclosure.

## Drain & Breather Vent

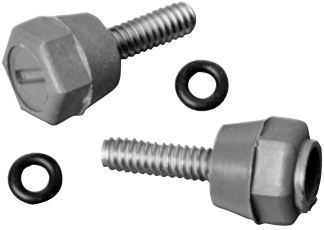
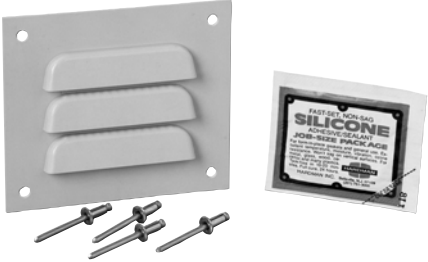

			
<p><b>CHDV</b> - Drain Vent</p>	<p><b>CHDVKIT</b> - Drain Vent Kit</p>	<p><b>CHDVKIT4X</b> - Drain Vent Kit 4X</p>	<p><b>CHBVKIT4X</b> - Breather Vent Kit 4X</p>

Breaker Series

## Encapsulated Screws



## Louver Plate Vent

## Carrying Handle

		
<p><b>CHENCAP2PK</b> <b>CHENCAP4PK</b></p>	<p><b>CHLP1</b> <b>CHLPKIT</b></p>	<p><b>CHHANDLE</b></p>

## Stainless Steel Screws

## Corrosion Inhibitor

	
<p><b>CHSS2PK</b> <b>CHSS4PK</b></p>	<p><b>CHCI21</b> Radius of Protection: 2 ft. Normal Life Span: 1 yr.</p>

## Fiberglass Hole Plug Assembly



Catalog Number	Fits	Hole Dia. Range
<b>FPLG1KIT</b>	1/2" Dia. Hole	.50" - .56"
	5/8" Dia. Hole	.63" - .69"
	3/4" Dia. Hole	.75" - .81"
<b>FPLG2KIT</b>	22mm PB,	.88" - 1.00"
	1/2" Conduit	1.06" - 1.12"
	3/4" Conduit	1.22" - 1.28"
<b>FPLG3KIT</b>	1" Conduit	1.38" - 1.50"
	1 1/4" Conduit	1.69" - 1.75"
<b>FPLG4KIT</b>	1 1/2" Conduit	2.00" - 2.12"
	2" Conduit	2.50" - 2.56"
<b>FPLG5KIT</b>	2 1/2" Conduit	3.00"
<b>FPLG6KIT</b>	3" Conduit	3.62"
<b>FPLG7KIT</b>	3 1/2" Conduit	4.12"
<b>FPLG8KIT</b>	4" Conduit	4.62"

## Fiberglass Enclosure Mounting Plate Options

**Aluminum (SA)**  
Back Panels  
Grade Aluminum  
3003 H14 - No Finish

**Fiberglass (FG)**  
Back Panels  
All FG Back Panels  
UL 94 V-0 Rated

**Stainless Steel (SS)**  
Back Panels  
Stainless Steel  
Grade 304

**Carbon Steel (C)**  
Back Panels  
Carbon Steel  
Grade 1010 HRS -  
Painted White Enamel

## Mounting Plates for Disconnect & Circuit Breaker Dimensions

Only Available in Carbon Steel (C)

	BA	BB	BK	BL	Panel Thickness BT	Panel Type	Hole Dia.	# of Holes	Weight (Carbon Steel) Suffix: C	Fits Typical Enclosure Size
<b>FMPC1610</b>	13.00 (330)	8.50 (216)	12.00 (305)	7.50 (191)	0.08 (2)	Flat	0.31 (8)	4	3.3 lbs.	16 x 10 Disconnect Enclosure
<b>FMPC2016</b>	16.88 (429)	13.38 (340)	15.25 (387)	11.25 (286)	0.13 (2)	Formed	0.31 (8)	4	7.3 lbs.	20 x 16 Disconnect Enclosure
<b>FMPC2412</b>	20.88 (530)	9.38 (238)	19.25 (489)	7.25 (184)	0.13 (2)	Formed	0.50 (13)	4	6.5 lbs.	24 x 12 Disconnect Enclosure
<b>FMPC2424</b>	20.88 (530)	21.38 (543)	19.25 (489)	19.25 (489)	0.13 (2)	Formed	0.50 (13)	4	14 lbs.	24 x 24 Disconnect Enclosure
<b>FMPC3024</b>	26.88 (683)	21.38 (543)	25.25 (641)	19.25 (489)	0.13 (2)	Formed	0.50 (13)	4	19 lbs.	30 x 24 Disconnect Enclosure
<b>FMPC3630</b>	32.88 (835)	27.38 (695)	31.25 (794)	25.25 (641)	0.13 (2)	Formed	0.50 (13)	5	27 lbs.	36 x 30 Disconnect Enclosure

# Fiberglass Enclosures Accessories



Breaker Series

## Mounting Plates for NEMA 3R, NEMA 4X & Large Fiberglass Enclosure Dimensions

Catalog Number	BA	BB	BK	BL	BT (SA)	BT (C)	Panel Type	Hole Dia.	# of Holes	Weight (Aluminum) Suffix: SA	Weight (Carbon Steel) Suffix: C
FMPWM1610SA FMPWM1610C	13.00 (330)	8.50 (216)	12.00 (305)	7.50 (191)	0.090 (2)	0.105 (3)	Flat	0.31 (8)	4	1 lb	3.3 lbs
FMPWM2016SA FMPWM2016C	17.00 (432)	13.00 (330)	15.25 (387)	11.25 (286)	0.090 (2)	0.105 (3)	Flat	0.50 (13)	4	2 lbs	6.7 lbs
FMPWM2412SA FMPWM2412C	21.00 (533)	9.00 (229)	19.25 (489)	7.25 (184)	0.090 (2)	0.105 (3)	Flat	0.50 (13)	4	4.5 lbs	8.7 lbs
FMPWM2420SA FMPWM2420C	21.00 (533)	17.00 (432)	19.25 (489)	15.25 (387)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	4	5 lbs	10.8 lbs
FMPWM2424SA FMPWM2424C	21.00 (533)	21.00 (533)	19.25 (489)	19.25 (489)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	4	5.5 lbs	13.4 lbs
FMPWM3020SA FMPWM3020C	27.00 (686)	17.00 (432)	25.25 (641)	15.25 (387)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	4	5.8 lbs	14 lbs
FMPWM3024SA FMPWM3024C	27.00 (686)	21.00 (533)	25.25 (641)	19.25 (489)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	4	7 lbs	17 lbs
FMPWM3630SA FMPWM3630C	33.00 (838)	27.00 (686)	31.25 (794)	25.25 (641)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	4	11 lbs	27 lbs
FMPWM3636SA FMPWM3636C	31.00 (787)	33.00 (838)	29.00 (737)	31.00 (787)	0.13 (3)	0.105 (3)	Formed	0.50 (13)	6	13 lbs	33 lbs
FMPWM3648SA FMPWM3648C	31.00 (787)	22.00 (559)	29.00 (737)	20.00 (508)	0.13 (3)	0.105 (3)	Flat	0.50 (13)	8	22 lbs	41 lbs
FMPWM4836SA FMPWM4836C	45.00 (1143)	33.00 (838)	43.25 (1099)	31.25 (794)	0.13 (3)	0.105 (3)	Formed	0.50 (13)	8	22 lbs	47 lbs
FMPWM6036SA FMPWM6036C	57.00 (1448)	33.00 (838)	55.25 (1403)	31.25 (794)	0.13 (3)	0.105 (3)	Formed	0.50 (13)	8	23 lbs	60 lbs
FMPWM7225SA FMPWM7225C	64.00 (1626)	21.00 (533)	62.00 (1575)	19.00 (483)	0.13 (3)	0.105 (3)	Formed	0.50 (13)	10	30 lbs	43 lbs
FMPWM7249SA FMPWM7249C	64.00 (1626)	22.00 (559)	62.00 (1575)	20.00 (508)	0.13 (3)	0.105 (3)	Formed	0.50 (13)	10	38 lbs	91 lbs

## Mounting Plates for FSJ, FPB, FJ, FRCJ, FXDJ, FA Series Enclosures

Catalog Number	BA	BB	BK	BL	BT (SA)	BT (FG)	BT (SS)	BT (C)	Panel Type	Hole Dia.	# of Holes	Weight (Aluminum) Suffix: SA	Weight (Fiberglass) Suffix: FG	Weight (Stainless) Suffix: SS	Weight (Carbon Steel) Suffix: C
FMP0604SA FMP0604FG FMP0604SS FMP0604C	4.88 (124)	2.88 (73)	4.25 (108)	2.25 (57)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	2 oz.	2 oz.	5 oz.	5 oz.
FMP0808SA FMP0808FG FMP0808SS FMP0808C	6.88 (175)	6.88 (175)	6.25 (159)	6.25 (159)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	5 oz.	5 oz.	15 oz.	15 oz.
FMP0906SA FMP0906FG FMP0906SS FMP0906C	8.25 (210)	4.88 (124)	7.63 (194)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	5 oz.	n/a	n/a	14 oz.
FMP1008SA FMP1008FG FMP1008SS FMP1008C	8.88 (225)	6.88 (175)	8.25 (210)	6.25 (159)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	8 oz.	8 oz.	19 oz.	21 oz.
FMP1210SA FMP1210FG FMP1210SS FMP1210C	10.88 (276)	8.88 (225)	10.25 (260)	8.25 (210)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	12 oz.	14 oz.	30 oz.	33 oz.
FMP1212SA FMP1212FG FMP1212SS FMP1212C	10.88 (276)	10.88 (276)	10.25 (260)	10.25 (260)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	16 oz.	18 oz.	37 oz.	38 oz.

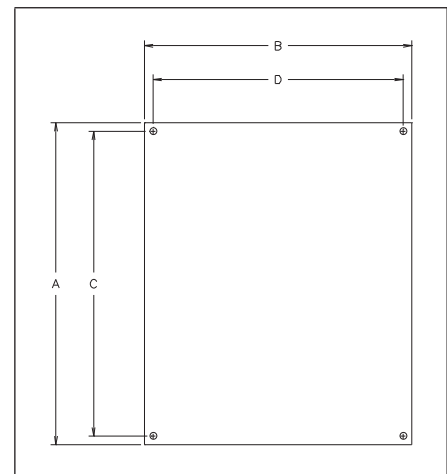
## Mounting Plates for FSJ, FPB, FJ, FRCJ, FXDJ, FA Series Enclosures

**Breaker  
Series**

Catalog Number	BA	BB	BK	BL	BT (SA)	BT (FG)	BT (SS)	BT (C)	Panel Type	Hole Dia.	# of Holes	Weight (Aluminum) Suffix: SA	Weight (Fiberglass) Suffix: FG	Weight (Stainless) Suffix: SS	Weight (Carbon Steel) Suffix: C
FMP0606SA FMP0606FG FMP0606SS FMP0606C	4.88 (124)	4.88 (124)	4.25 (108)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	3 oz.	3 oz.	8 oz.	8 oz.
FMP0706SA FMP0706FG FMP0706SS FMP0706C	6 (152)	4.88 (124)	5.38 (137)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	4 oz.	n/a	n/a	10 oz.
FMP0806SA FMP0806FG FMP0806SS FMP0806C	6.88 (175)	4.88 (124)	6.25 (159)	4.25 (108)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	4 oz.	4 oz.	12 oz.	12 oz.
FMP1407SA FMP1407FG FMP1407SS FMP1407C	12.88 (327)	5.88 (149)	12.25 (311)	5.25 (133)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	14 oz.	14 oz.	32 oz.	34 oz.
FMP1412SA FMP1412FG FMP1412SS FMP1412C	12.88 (327)	10.88 (276)	12.25 (311)	10.25 (260)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	18 oz.	20 oz.	45 oz.	48 oz.
FMP1614SA FMP1614FG FMP1614SS FMP1614C	14.88 (378)	12.88 (327)	14.25 (362)	12.25 (311)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	24 oz.	23 oz.	60 oz.	66 oz.
FMP1816SA FMP1816FG FMP1816SS FMP1816C	16.88 (429)	14.88 (378)	16.25 (413)	14.25 (362)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	31 oz.	32 oz.	88 oz.	87 oz.
FMP2016SA FMP2016FG FMP2016SS FMP2016C	18.88 (479)	14.88 (378)	18.25 (463)	14.25 (362)	0.080 (2)	0.125 (3)	0.060 (2)	0.075 (2)	Flat	0.25 (6)	4	36 oz.	34 oz.	98 oz.	97 oz.

## Cover Panel Dimensions

Catalog Number	A	B	C	D	Panel Thk.	Panel Type	Hole Dia.	# of Holes
FACP0606SA	5.64 (143)	5.64 (143)	5.02 (127)	5.02 (127)	0.080 (2)	Flat	0.25 (6)	4
FACP0806SA	7.68 (195)	5.64 (143)	7.05 (179)	5.02 (127)	0.080 (2)	Flat	0.25 (6)	4
FACP0808SA	7.68 (195)	7.68 (195)	7.05 (179)	7.05 (179)	0.080 (2)	Flat	0.25 (6)	4
FACP1008SA	9.71 (247)	7.71 (196)	9.08 (231)	7.08 (180)	0.080 (2)	Flat	0.25 (6)	4
FACP1210SA	11.74 (298)	9.74 (247)	11.12 (282)	9.12 (232)	0.080 (2)	Flat	0.25 (6)	4
FACP1412SA	13.78 (350)	11.78 (299)	13.15 (334)	11.15 (283)	0.080 (2)	Flat	0.25 (6)	4
FACP1614SA	15.81 (402)	13.81 (351)	15.18 (386)	13.18 (334)	0.080 (2)	Flat	0.25 (6)	4
FACP1816SA	17.94 (456)	15.94 (405)	17.31 (440)	15.31 (389)	0.080 (2)	Flat	0.25 (6)	4
FACP2016SA	19.76 (502)	15.76 (400)	19.13 (486)	15.13 (384)	0.080 (2)	Flat	0.25 (6)	4



Note: Cover panel kit includes cover panel and mounting hardware.

# Fiberglass Enclosures

## Custom Built Solutions for Fast Delivery



### Custom Modification Offering

Please consult the factory for a quotation on the following custom modifications that we are pleased to offer to help meet the needs of our customers:

- Custom molded colors
- Gasketed windows for the FJ, FRC and the Wall Mount Series
- Custom sizes
- Special hole patterns for drilling and tapping configurations
- Dead front and sub panels
- Silk screening capabilities
- Terminal kits and DIN rails available

### Custom Built Lighting & Power Panelboards

*Motor control, power distribution products and custom control panels designed and built to our customers' unique needs and delivered when they are required.*

#### Overview:

Fiberglass panelboards rated for outdoor NEMA 3R and 4X environments.

#### Ratings:

##### 120/208V 3 Phase, 4 Wire

QOB® circuit breakers, single or two-pole 120/240 VAC; three-pole 240 VAC

#### Trip ratings:

- 10 to 70 amps, single-pole
- 10 to 125 amps, two-pole
- 10 to 100 amps, three-pole

##### 480Y/277V 3 Phase, 4 Wire

EDB® circuit breakers, single or two-pole 277 VAC; three-pole 480Y/277 VAC

#### Trip ratings:

- 15 to 70 amps, single-pole
- 15 to 125 amps, two-pole
- 15 to 125 amps, three-pole

#### Certifications:

- NEMA 1, 3, 3R, 4X and 12
- UL Standard: 67
- CSA Standard: C22.2



Gasketed Window  
FJ, FRC & Wall Mount Series



Custom  
Solutions

For more information on Fiberglass Enclosures or for Custom Built Solutions email:  
fiberglassenclosures@cooperindustries.com



# Fiberglass Enclosures

## Custom Built Solutions for Fast Delivery



### Custom Built Heavy Duty Disconnects (Circuit Breaker, Fusible and Non-Fusible)

#### Applications:

Fiberglass Heavy Duty Disconnects are for use in disconnecting motor, lighting and other circuits.

#### Certifications:

- NEMA/EEMAC: 1, 3, 3R, 4X and 12
- UL Standard: 508
- CSA Standard: C22.2

#### Electrical Ratings Ranges:

- 3-pole, 60Hz, 600 VAC
- Starters - NEMA sizes 0, 1, 2
- Breakers - 15 - 800 Amp Rating
- Switches - 30, 60, 100, 200 Amp



### Custom Built Control Stations

#### Overview:

The Pushbutton Series offers an enclosure solution where multiple pre-drilled openings for 30mm pushbuttons are required. Enclosures are available in sizes ranging from 6" x 3" to 13.5" x 11.5" with notched keyhole design and the ability to order up to 25 holes, making this solution a perfect choice for your control station applications.

#### Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 4X, 6P, 12
- UL Standard: 508
- CSA Std C22.2 - File 244248 Types 1, 3, 4X, 6P, 12
- NEMA Standard 250 - Types 1, 3, 4X, 6P, 12

#### Electrical Ratings Ranges:

- Pushbutton stations and selector switches - heavy duty 600 VAC maximum
- Pilot lights, selector switches, push buttons - 120 to 600 VAC; 24 VAC/DC



For more information on Fiberglass Enclosures or for Custom Built Solutions email: [fiberglassenclosures@cooperindustries.com](mailto:fiberglassenclosures@cooperindustries.com)

## Combiners and disconnects that offer superior resistance and durability from harsh weather and abusive solar environments

### Leading the way in Solar Technology

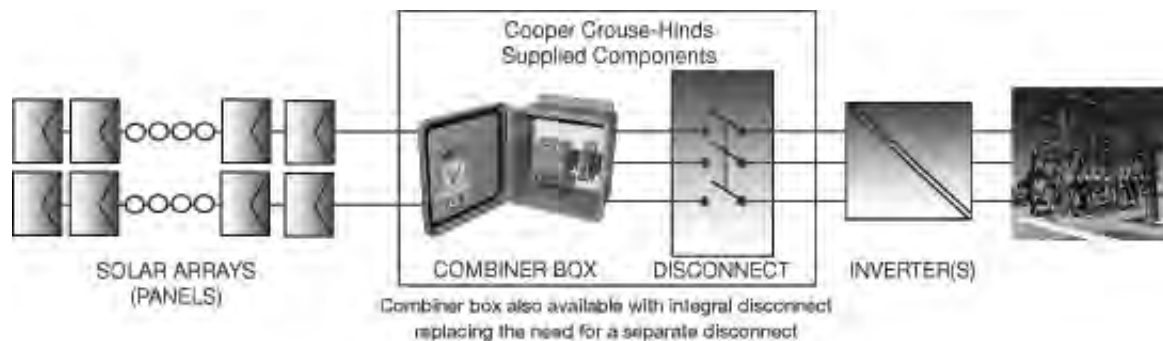
Cooper Crouse-Hinds combiner boxes and disconnects for the solar market integrate a comprehensive line of electrical products with expert support, industry insights, and local availability to improve safety and productivity in the most demanding industrial, commercial and residential environments worldwide.

### Solar Background Information

A solar array may be one panel or many in series, and may range from a single 12 volt panel up to multi-panel high voltage array for grid-tie systems. Grid-tie systems can go as high as 1000 VDC, while battery systems are typically 12, 24, or 48 V.

Higher voltage systems (over 48 V) have different NEC code requirements than those for low voltage battery systems, and the two types are NOT interchangeable.

Cooper Crouse-Hinds Solar Combiners are designed for higher voltage circuits used in grid-tie applications. All meet NEC requirements and are made in accordance with UL requirements. Cooper Crouse-Hinds Solar Combiners have additional breakers, disconnects, and fuses for the combined high current buss.



### Cooper Crouse-Hinds Product Offering

#### Solar Combiners

Cooper Crouse-Hinds Solar Combiners are used to group input wires/circuits from several arrays and/or solar panels. The combined circuit results in fewer output circuits and combines them into one main buss or feed going to the inverter saving labor and material costs.

#### Solar Recombiners

Cooper Crouse-Hinds Recombiner boxes are used in larger photovoltaic systems. A Recombiner box effectively groups the output wires from several combiner boxes into one main output feed which then goes to the inverter.

#### Solar Disconnects

The National Electrical Code® requires a disconnect switch which provides circuit interruption to the down stream inverter. The disconnect can be internally mounted in the combiner or externally mounted between the combiner and inverter. The disconnect switch can be located at one of two places: either inside the building nearest the point of entrance of the system conductors, or outside the building. If the solar disconnect is not located near the utility company's meter, then a plaque is required by the front door stating where the solar disconnect is located.

#### Solar Cable Assemblies

A comprehensive offering of solar cable assemblies are also available in molded to cable or mechanical termination configurations. Typical conductor size is #12 or #10. Available in standard or custom cable lengths. Consult factory for more details.

#### Cooper Crouse-Hinds Solar Protection for Fiberglass Enclosures

The Cooper Crouse-Hinds solar protection formula provides the enclosure the strength and durability to provide long, dependable service even in the most demanding environmental conditions. Cooper Crouse-Hinds fiberglass enclosures retain gloss and color even when exposed to harsh UV light and offer superior resistance to chemicals and are fire retardant.

A special UV absorber is added into this solar protection formula and works to absorb UV energy and release it without damaging the fiberglass enclosure thus providing increased protection of the polyester material and increased resistance to the damaging effects of UV radiation. For additional information on Cooper Crouse-Hinds Solar Protection, choose Fiberglass Enclosures from: <http://www.crouse-hinds.com/contractorcorner>

- Built to UL1741 standards
- NEMA 4X (fiberglass and stainless steel)
- NEMA 3R (painted steel)
- Made in America

## Application:

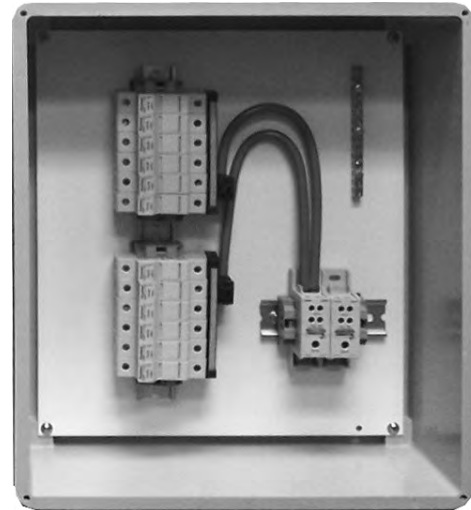
Cooper Crouse-Hinds Solar Combiner Solutions are designed and built to minimize system costs by providing maximum flexibility. Solar Combiner Solutions offer a range of 1 to 48 input circuits, with a durable non-metallic (NEMA 4X) enclosure, engineered and manufactured to perform in the harshest environmental conditions. Built in accordance with UL1741 standard; providing peace of mind and plenty of wiring room for ease of installation.

## Features:

- **RATED FOR 600 VDC - CONTINUOUS DUTY**
- Built to UL 1741 Standards
- 90°C output terminals
- Fiberglass enclosures provided as standard; also available in NEMA 3R painted steel or NEMA 4X stainless steel
- Touch-Safe fuse holders and power distribution blocks for safe operation
- Configured for positive and negative grounded arrays
- Optional 1000VDC rated

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Non-conductive, impact resistant, UV resistant, flame retardant
- Captive cover screws can't be dropped or lost
- Poured polyurethane seamless gasket provides water-tight, dusttight environmental seal
- Stainless steel used on all external hardware



SOLAR COMBINER CATALOG NUMBERING SYSTEM						
BASE SOLAR COMBINER		WITH OPTIONAL FACTORY SUPPLIED FUSES		WITH OPTIONAL INTEGRAL DISCONNECT		WITH OPTIONAL SURGE PROTECTION
<b>CCBF</b>	<b>12</b>	<b>F</b>	<b>15</b>	<b>CB</b>	<b>200</b>	<b>SP</b>

Enclosure Type	Number of Input Circuit	Fused	Fuse Amperage	Integral Disconnect	Trip Rating for Integral Disconnect	Surge Protection	
<b>CCBF</b> (Fiberglass N4X) <b>CCBS</b> (Painted Steel N3R) <b>CCBSS</b> (Stainless Steel N4X)	<b>01</b> (1 input circuit) <b>02</b> (2 input circuit) <b>03</b> (3 input circuit) <b>04</b> (4 input circuit) <b>05</b> (5 input circuit) <b>06</b> (6 input circuit) Offered up to 48 circuits	<b>F</b> (Fuses provided) <b>BLANK</b> (Fuses not supplied by factory)	<b>08</b> (8A fuse) <b>10</b> (10A fuse) <b>12</b> (12A fuse) <b>15</b> (15A fuse) <b>BLANK</b> (Fuses not provided by factory)	<b>CB</b> (Circuit Breaker for use with 1 - 48 input circuits) <b>DS</b> (Disconnect Switch for use with 1 - 48 input circuits) <b>BLANK</b> (No integral disconnect)	<b>Circuit Breaker</b> <b>30</b> (30A) <b>50</b> (50A) <b>100</b> (100A) <b>125</b> (125A) <b>150</b> (150A) <b>175</b> (175A) <b>200</b> (200A) <b>225</b> (225A) <b>250</b> (250A) <b>400</b> (400A) See Table 1 <b>BLANK</b> (No integral disconnect)	<b>Disconnect Switch</b> <b>100</b> (100A) <b>200</b> (200A) <b>400</b> (400A) See Table 2 <b>BLANK</b> (No integral disconnect)	<b>SP</b> (Surge protection) <ul style="list-style-type: none"> <li>• Rated 15kA (10/350µs) per pole Type I</li> <li>• Small size takes up minimal space in the enclosure (Only 1.5 inches wide)</li> <li>• Highest fault current clearing, 100kA without backup fuses</li> <li>• Thermal and short circuit fusing</li> </ul> <b>BLANK</b> (No surge protection)

# Solar Combiners with Integral Disconnects

- Built to UL1741 standards
- NEMA 4X (fiberglass and stainless steel)
- NEMA 3R (painted steel)
- Made in America



## Application:

Cooper Crouse-Hinds Solar Combiners with Integral Disconnects provide all the strong and durable features of our standard Solar Combiners and are available with 1-48 input circuits. Integral disconnects save material costs, installation time and labor by joining the combiner box and disconnect within one enclosure and eliminating the need for a disconnect in a separate enclosure.

## Features:

- **RATED FOR 600 VDC - CONTINUOUS DUTY**
- Built to UL 1741 Standards
- 90°C output terminals
- Fiberglass enclosures provided as standard; also available in NEMA 3R painted steel or NEMA 4X stainless steel
- Touch-Safe fuse holders and power distribution blocks for safe personnel operation
- Configured for positive and negative grounded arrays

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Non-conductive, impact resistant, UV resistant, flame retardant
- Captive cover screws can't be dropped or lost
- Poured polyurethane seamless gasket provides water-tight, dusttight environmental seal
- Stainless steel used on all external hardware



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## Integral Disconnect Rating:

To determine the rating of the integral disconnect, simply multiply the number of input circuits by the ampacity rating of each fuse in these circuits. Round to the next (higher) trip rating. In **NO** case can the max current exceed the trip rating of the disconnect switch or breaker. Example: a 12 string combiner box with every input circuit with a fuse rated at 8 Amps is  $12 \times 8 = 96$ . Required rating for the switch or circuit breaker would be 100 Amps.

SOLAR COMBINER CATALOG NUMBERING SYSTEM							
BASE SOLAR COMBINER		WITH OPTIONAL FACTORY SUPPLIED FUSES		WITH OPTIONAL INTEGRAL DISCONNECT		WITH OPTIONAL SURGE PROTECTION	
CCBF	12	F	15	CB	200	SP	
<b>Enclosure Type</b> CCBF (Fiberglass N4X) CBS (Painted Steel N3R) CCBSS (Stainless Steel N4X)	<b>Number of Input Circuit</b> 01 (1 input circuit) 02 (2 input circuit) 03 (3 input circuit) 04 (4 input circuit) 05 (5 input circuit) 06 (6 input circuit) Offered up to 48 circuits	<b>Fused</b> F (Fuses provided) BLANK (Fuses not supplied by factory)	<b>Fuse Amperage</b> 08 (8A fuse) 10 (10A fuse) 12 (12A fuse) 15 (15A fuse) BLANK (Fuses not provided by factory)	<b>Integral Disconnect</b> CB (Circuit Breaker for use with 1 - 48 input circuits) DS (Disconnect Switch for use with 1 - 48 input circuits) BLANK (No integral disconnect)	<b>Trip Rating for Integral Disconnect</b> <b>Circuit Breaker</b> 30 (30A) 50 (50A) 100 (100A) 125 (125A) 150 (150A) 175 (175A) 200 (200A) 225 (225A) 250 (250A) 400 (400A) See Table 1 BLANK (No integral disconnect)	<b>Disconnect Switch</b> 100 (100A) 200 (200A) 400 (400A) See Table 2 BLANK (No integral disconnect)	<b>Surge Protection</b> SP (Surge protection) • Rated 15kA (10/350µs) per pole Type I • Small size takes up minimal space in the enclosure (Only 1.5 inches wide) • Highest fault current clearing, 100kA without backup fuses • Thermal and short circuit fusing BLANK (No surge protection)

# Solar Recoiners and Disconnect Switches

- Built to UL1741 standards
- NEMA 4X (fiberglass and stainless steel)
- NEMA 3R (painted steel)
- Made in America



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## RECOMBINERS

### Application:

In large Photovoltaic (PV) systems, multiple combiner boxes are often necessary, and the outputs of these combiner boxes may need to be combined again—recombined—before reaching a central inverter. Cooper Crouse-Hinds Recombiner boxes allow for ease of installation saving time, labor and most importantly system costs.

### Ordering Information:

Consult Factory for ordering information

## DISCONNECTS

### Application:

Cooper Crouse-Hinds Solar Disconnect Solutions are used as a disconnecting means and rated for 600 VDC/AC. The disconnects are offered separately in a sheet steel enclosure or as an integral mounted device to the Cooper Crouse-Hinds Combiner Solutions, offering reduced space and cost of installation, the ability to disconnect power from a remote location, and provide short circuit protection.

### Features:

- Switches are heavy duty 3-Pole, with visible blades; a quick make-and-break mechanism with reinforced, positive pressure type blade and jaw construction. Fusible types have fuse clips with steel reinforcing springs of positive pressure type. Pressure connectors are used for wire connectors.
- Switch enclosure covers are interlocked with the body and operating mechanism and cannot be opened when the switch is closed ("ON"). When the switch is open ("OFF"), the switch cannot be put in a closed ("ON") position with the door open.
- The switch operating handle may be padlocked in the "ON" or "OFF" position. In addition, the interlock construction has been designed to allow the door of the unit to be padlocked. This feature allows operation while preventing unqualified or unauthorized entry.



### Enclosure Certification & Compliances:

- NEMA Types 3R
- UL Standard 98

### Materials and Finishes:

- Enclosure – sheet steel
- Operating handle – non-metallic
- Other exterior parts – stainless steel

### Electrical Rating Ranges:

- 3 and 4† Pole; fusible or non-fusible; 240 VAC/250 VDC; 600 VAC/600 VDC
- 30, 60, 100, 200 or 400 amperes†

## Disconnect Switches Ordering Information Specifications

	30 Amp	60 Amp	100 Amp	200 Amp
<b>Heavy Duty Disconnect Switch - 600 VDC 3-Pole</b>	<b>Sheet Steel</b>	<b>Sheet Steel</b>	<b>Sheet Steel</b>	<b>Sheet Steel</b>
Catalog Number - Fusible	CH361R	CH362R	CH363R	CH364R
Catalog Number - Non-fusible	CHU361R	CHU362R	CHU363R	CHU364R

† For 4-Pole, 400 Amp or disconnect switches in a fiberglass or stainless steel enclosure - Consult Factory.

# Technical Information

- Built to UL1741 standards
- NEMA 4X (fiberglass and stainless steel)
- NEMA 3R (painted steel)
- Made in America



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## Combiner Technical Information

Number of input circuits	1 TO 4	5 TO 6	7 TO 12	13 TO 20	21 TO 24	25 TO 28	29 TO 37	38 TO 48
Catalog number (i.e. CCBF12)	CCBF (1-4)	CCBF (5-6)	CCBF (7-12)	CCBF (13 TO 20)	CCBF (21 TO 24)	CCBF (21 TO 28)	CCBF (29 TO 41)	CCBF (42 TO 48)
Maximum Input Fuse Rating (A)	15	15	15	15	15	15	15	15
Maximum Continuous Operating Current (A)	60	90	180	300	360	420	555	720
SCCR at 600VDC (KAIC)	10	10	10	10	10	10	10	10
Maximum Voltage (VDC)	600	600	600	600	600	600	600	600
Operating Voltage Range - Combiner Only (VDC)	0-600	0-600	0-600	0-600	0-600	0-600	0-600	0-600
Operating Voltage Range - Combiner With Integral Disconnect (VDC)	0-600	0-600	0-600	0-600	0-600	0-600	0-600	0-600
Positive Input Wire Size (AWG)	#8-#18	#8-#18	#8-#18	#8-#18	#8-#18	#8-#18	#8-#18	#8-#18
Positive Input Terminal Torque (in-lbs)	16-22	16-22	16-22	16-22	16-22	16-22	16-22	16-22
Negative Input Wire Size (AWG)	#10-#14	#10-#14	#4-#14	#4-#14	#4-#14	#4-#14	#4-#14	#4-#14
Negative Input Terminal Torque (in-lbs)	20	35	35	35	35	35	35	35
Positive Output Wire Size (AWG)	1/8-#10	1/8-#10	350kcmil-#6	(2) 300kcmil-#4	(2) 350kcmil-#6	(2) 350kcmil-#6	(2) 600kcmil-#2	(2) 600kcmil-#2
Positive Output Terminal Torque (in-lbs)	35	35	120	275	120	120	500	500
Negative Output Wire Size (AWG)	3/8-#8	500kcmil-#6	350kcmil-#6	(2) 300kcmil-#4	(2) 350kcmil-#6	(2) 350kcmil-#6	(2) 600kcmil-#2	(2) 600kcmil-#2
Negative Output Terminal Torque (in-lbs)	120	500	120	275	120	120	500	500
Ground Output Wire Sizes (AWG)	#4-#14	#4-#14	250-#6	250-#6	250-#6	250-#6	250-#6	250-#6
Ground Output Terminal Torque (in-lbs)	20-35	20-35	275	275	275	275	275	275
Enclosure Nema Rating	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X	3/3R/4/4X
Enclosure Size	12X10X5	12X10X5	16X14X6	18X16X8	20X16X8	24X20X8	30X20X6	36X30X8
Maximum # of inputs	4	6	12	20	24	28	37	48

# Technical Information

- Built to UL1741 standards
- NEMA 4X (fiberglass and stainless steel)
- NEMA 3R (painted steel)
- Made in America



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## Overcurrent Protection - PV Fuse-Links

Current Rating	Energy Integrals (A2s)		Power Loss (watts)	
	Pre-Arcing	Total at 1000V	0.8 In	In.
8A	3	32	0.5	2.0
10A	7	50	0.6	2.1
12A	10	100	1.3	2.6
15A	20	200	1.8	3.0

## Combiner Dimensional Information

# of Input Circuits	Enclosure Size Inches (HxWxD)	Overall Dimensions Inches (HxWxD)	Inside Dimensions Inches (HxWxD)	Mounting Dimensions Inches (HxW)	Approximate Weight (lbs)
1-6	12x10x5	13.56 x 11.43 x 5.21	11.79 x 9.80 x 4.94	12.75 x 8.00	10
7-12	16x14x6	17.53 x 15.46 x 6.23	15.63 x 13.60 x 5.94	16.75 x 12.00	18
13-20	18x16x8	19.62 x 17.61 x 8.82	17.69 x 15.69 x 8.45	18.88 x 12.00	27
21-24	20x16x8	22.00 x 17.68 x 8.83	19.72 x 15.72 x 8.45	21.25 x 10.00	33
25-28	24x20x8	27.00 x 21.24 x 9.90	24.05 x 20.39 x 9.25	25.75 x 14.00	47
29-37	30x20x6	32.86 x 20.99 x 7.89	29.90 x 20.14 x 7.23	30.75 x 14.25	60
38-48	36x30x8	39.31 x 32.50 x 10.05	36.31 x 31.69 x 9.36	38.13 x 23.88	112



## Applications:

Cooper Crouse-Hinds Solar Pass Through Boxes (sometimes referred to as “transition boxes”) are used in residential applications to provide a low profile, cost effective way to group input wires/circuits from several arrays and/or solar panels and transition from solar (PV) cable to regular building wire. The Pass Through Box was designed for PV applications where over current protection is not necessary due to the low power rating of the PV string.

## Features:

- Rated 600VDC continuous duty
- Constructed in accordance with UL 1741 standards providing spacious wiring room for quick easy wire termination
- Factory installed multi-hole solar cord grip provides dependable secure wire termination to enclosure and saves field installation – eliminating the need for enclosure drilling – saving time & labor
- Fiberglass enclosure (UV absorbing) provided as standard offering long dependable service in the most environmental conditions
- Available in N3R sheet steel enclosures – consult factory
- Light weight design offers easy mounting capabilities. Optional mounting feet are available for increased customer flexibility

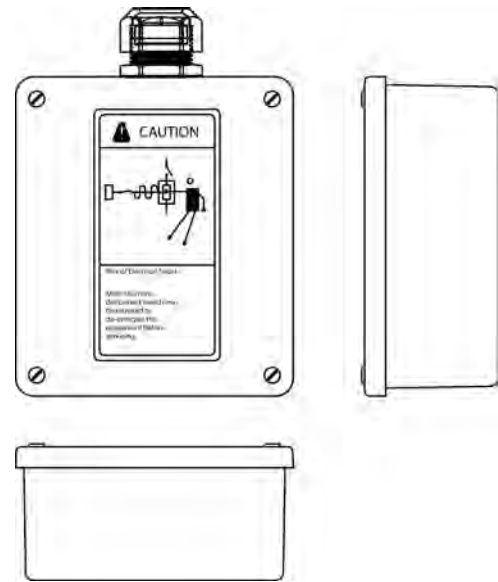


## Certifications and Compliances:

- NEMA 4X

## Materials and Finishes:

- Hot compression molded fiberglass reinforced thermoset polyester
- Non-Conductive, impact resistant, UV resistant, flame retardant
- Poured Polyurethane seamless gasket provides water-tight, dust-tight environmental seal
- Stainless steel used on all external hardware



## Solar Pass Through Box Ordering Information

Cat. #	Description
CPBF03	3 Circuit Pass Through Box
CPBF04	4 Circuit Pass Through Box

For additional configurations, please consult factory

# Cord And Cable Connectors



## Solar Non-Metallic Cord Grips

### Applications:

Cooper Crouse-Hinds Solar Cord Grips are used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box. The Solar Cord Grips provide mechanical strain relief as well as a liquid tight seal around the solar panel wires.

### Features:

- Multi-hole cord grip to allow for entry of multiple PV wires.
- Solar cord grips offer customer flexibility by allowing the termination from 1 to 13 PV wires in a single connector.
- Skinned over glands provide a durable, liquid tight seal around the wires.
- No disassembly required for installation.
- Accommodates USE-2, 12AWG and 10AWG wire.
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions.



Photo shown with steel locknut  
(locknuts must be ordered separately)

### Certifications and Compliances:

- UL/cUL listed
- IP68
- Flammability rating: 94-V2

### Standard Materials:

- 6% nylon with TPE/Buna N sealing glands



### Ordering Information:

Cat. #	Trade Size	Description
<b>NCGS39</b>	1"	9 Hole Solar Cord Grip
<b>NCGS413</b>	1 1/4"	13 Hole Solar Cord Grip

### Locknut Ordering Information:

Material	Cat. No.	Trade Size
Steel	<b>13</b>	1"
	<b>14</b>	1 1/4"
Aluminum	<b>13 SA</b>	1"
	<b>14 SA</b>	1 1/4"
Non-metallic	<b>13N</b>	1"
	<b>14N</b>	1 1/4"
Zinc	<b>13DC</b>	1"
	<b>14DC</b>	1 1/4"

Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
0B	.32	1452DC	.6	1656US	.9	193	.20
0BSS	.117	1452US	.5	1657	.7	194	.20
0BSS316	.117	1453	.3	1657DC	.11	195	.20
0BX	.32	1453DC	.6	1657RT	.10	196	.20
1B	.32	1453US	.5	1657US	.9	197	.20
1BSS	.117	1454	.3	1658	.7	198	.20
1BSS316	.117	1454DC	.6	1658DC	.11	199	.20
1BX	.32	1454US	.5	1658RT	.10	2B	.32
10	.34	1455	.3	1658US	.9	2BSS	.117
10N	.74	1455DC	.6	1659	.7	2BSS316	.117
1031	.24	1455US	.5	1659DC	.11	2BX	.32
1031DC	.25	1456	.3, 17	1659RT	.10	2 1/2 B	.32
1031NI	.25	1456DC	.6	1659US	.9	2 1/2BSS	.117
1032	.24	1456US	.5	16DC	.34	2 1/2BX	.32
1032DC	.25	1457	.3, 17	16SST	.114	20 SA	.34
1032NI	.25	1457DC	.6	16X	.34	206SS	.116
1033	.24	1457US	.5	17	.34	207SS	.116
1033DC	.25	1458	.3, 17	17 SA	.34	208SS	.116
1033NI	.25	1458DC	.6	1707	.83	209SS	.116
1034	.24	1458US	.5	1707DC	.83	20	.34
1034DC	.25	1459	.3, 17	1708	.83	20DC	.34
1034NI	.25	1459DC	.6	1708DC	.83	20X	.34
1035	.24	1459US	.5	1709	.83	22	.34
1035DC	.25	14DC	.34, 256	1709DC	.83	23	.34
1035NI	.25	14X	.34	170C	.17	200	.14
1036	.24	15	.34	1710	.83	201	.14
1036DC	.25	15 SA	.34	1710DC	.83	202	.14
1036NI	.25	150	.43	1711	.83	203	.14
1037	.24	150G	.43	1711DC	.83	204	.14
1037DC	.25	150P	.17	1712	.83	205	.14
1037NI	.25	150S	.17	1712DC	.83	206	.14, 31
1038	.24	151	.17	1713	.83	207	.14, 31
1038DC	.25	151P	.17	1713DC	.83	208	.14, 31
1038NI	.25	152	.17	1714	.83	209	.14, 31
1039	.24	152P	.17	1714DC	.83	250	.43
1039DC	.25	153	.17	1715	.83	250G	.43
1039NI	.25	153P	.17	1715DC	.83	251	.38
1040	.24	154	.17	171C	.17	252	.38
1040DC	.25	155	.17	1721	.83	253	.38
1040NI	.25	154P	.17	1721DC	.83	254	.38
1041	.24	155P	.17	1722	.83	255	.38
1042	.24	15DC	.34	1722DC	.83	260	.38
1050	.36	15SS	.114	1723	.78, 84	261	.38
1051	.36	15X	.34	1724DC	.85	262	.38
1052	.36	16	.34	1735	.78, 84	263	.38
1053	.36	16 SA	.34	1736	.84	268	.38
1054	.36	160	.17	1736DC	.85	269	.38
1055	.36	160I	.17	1737	.78, 84	270 S	.38
1056	.36	160P	.17	1738	.84	275	.38
1057	.36	161	.17	1738DC	.85	276	.38
1058	.36	161I	.17	1739	.84	281	.38
1059	.36	161P	.17	1739DC	.85	282	.38
1060	.36	162	.17	1740	.84	283	.38
1061	.36	163	.17	1740DC	.85	285	.38
11	.34	164	.17	1741	.84	288	.38
11DC	.34	165	.17	1741DC	.85	289	.38
11N	.74	1650	.7	1742	.84	290M	.38
11 SA	.34	1650DC	.11	1742DC	.85	291	.38
11SS	.114	1650RT	.10	1744	.84	292	.38
11X	.34	1650US	.9	1744DC	.85	293	.38
12	.34	1651	.7	1745	.84	294	.38
12DC	.34	1651DC	.11	1745DC	.85	295	.38
12N	.74	1651RT	.10	1746	.84	296	.38
12 SA	.34	1651US	.9	1746DC	.85	297	.38
12SS	.114	1652	.7	1747	.84	298	.38
12X	.34	1652DC	.11	1747DC	.85	299	.38
13	.34, 256	1652RT	.10	17DC	.34	2400	.6
13 SA	.34, 256	1652US	.9	17X	.34	2401	.6
13DC	.34, 256	1653	.7	18	.34	2402	.6
13N	.74, 256	1653DC	.11	18 SA	.34	2631	.89, 90
13SS	.114	1653RT	.10	18DC	.34	2632	.89, 90
13X	.34	1653US	.9	18X	.34	2633	.89, 90
14	.34, 256	1654	.7	188	.20	2670	.89, 90
14 SA	.34, 256	1654DC	.11	189	.20	2671	.89, 90
141DC	.91	1654RT	.10	19	.34	2699	.79, 86, 89
141PDC	.91	1654US	.9	19DC	.34	3 B	.32
1450	.3	1655	.7	19 SA	.34	3BSS	.117
1450DC	.6	1655DC	.11	19X	.34	3BSS316	.117
1450US	.5	1655RT	.10	190M	.20	3BX	.32
1451	.3	1655US	.9	191	.20	300	.36
1451DC	.6	1656	.7	192	.20	300DC	.36
1451US	.5	1656DC	.11	191SS	.120	301	.36
1452	.3	1656RT	.10	192SS	.120	301DC	.36

Catalog Number	Page	Catalog Number	Page	Catalog Number	Page	Catalog Number	Page
302	.36	453US	.5	51	.36	656RT	.10
302DC	.36	454	.3	51D	.36	656US	.9
303	.36	454DC	.6	529 S	.32	657	.7
303DC	.36	454US	.5	52	.36	657DC	.11
303PVC	.98	455	.3	52D	.36	657RT	.10
304DC	.36	455DC	.6	53	.36	657US	.9
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