

# Flexible metallic conduit fittings

## ACB series

### ACB SERIES – STEEL & MALLEABLE IRON

#### Applications:

- Acb series connectors are used to connect armoured cable, metal-clad cable or flexible metallic conduit to a box or enclosure

#### Features:

- 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

Listed for use with:

- Flexible Metal Conduit (RWFMC):  $\frac{3}{8}$ " - 4"
- Armoured cable (AC):  $\frac{3}{8}$ " - 1 $\frac{1}{4}$ "
- MC cable (MC):  $\frac{3}{8}$ " - 3"
- MCI-A cable (MCI-A):  $\frac{3}{8}$ " - 1 $\frac{1}{4}$ "

#### Certifications and compliances:

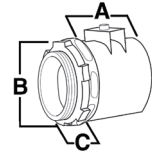
- UL Listed
- cUL Listed
- UL File No. E-19188

#### Standard materials and finishes:

- Body – straight: steel, zinc electroplated
- Body – 45° and 90°: malleable, zinc electroplated
- Saddle – steel, zinc electroplated
- Screw – steel, zinc electroplated
- Insulated throat – thermoplastic, natural

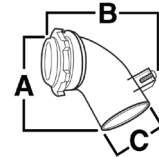


#### Straight connectors



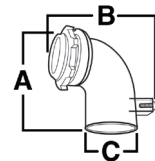
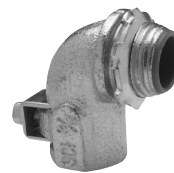
Cat. #	Trade size	Cable opening		Unit qty.	Dimensions		
		Max.	Min.		A	B	C
ACB38	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{3}{16}$ "	1 $\frac{1}{4}$ "	$\frac{1}{2}$ "
ACB50	$\frac{1}{2}$ "	0.920	0.520	25	1 $\frac{3}{8}$ "	1 $\frac{1}{4}$ "	$\frac{7}{16}$ "
ACB75	$\frac{3}{4}$ "	1.110	0.680	10	1 $\frac{3}{8}$ "	1 $\frac{7}{16}$ "	$\frac{7}{16}$ "
ACB100	1"	1.380	0.880	5	1 $\frac{9}{16}$ "	1 $\frac{13}{16}$ "	$\frac{1}{2}$ "
ACB125	1 $\frac{1}{4}$ "	1.635	1.150	5	2 $\frac{3}{16}$ "	2 $\frac{1}{8}$ "	$\frac{5}{8}$ "
ACB150	1 $\frac{1}{2}$ "	1.950	1.490	5	2 $\frac{1}{16}$ "	2 $\frac{1}{2}$ "	$\frac{5}{8}$ "
ACB200	2"	2.450	1.765	1	2 $\frac{5}{16}$ "	3"	$\frac{5}{8}$ "
ACB250	2 $\frac{1}{2}$ "	3.060	2.270	1	2 $\frac{11}{16}$ "	3 $\frac{5}{8}$ "	$\frac{13}{16}$ "
ACB300	3"	3.560	3.160	1	2 $\frac{13}{16}$ "	4 $\frac{1}{4}$ "	$\frac{15}{16}$ "
ACB350	3 $\frac{1}{2}$ "	4.060	3.860	1	2 $\frac{15}{16}$ "	3 $\frac{3}{4}$ "	1"
ACB400	4"	4.560	4.360	1	3"	5 $\frac{1}{16}$ "	1 $\frac{1}{16}$ "

#### 45° connectors



Cat. #	Trade size	Cable opening		Unit qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3845	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{13}{16}$ "	1 $\frac{13}{16}$ "	$\frac{15}{16}$ "
ACB5045	$\frac{1}{2}$ "	0.920	0.520	25	2 $\frac{1}{8}$ "	2 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "
ACB7545	$\frac{3}{4}$ "	1.110	0.680	10	2 $\frac{1}{8}$ "	2 $\frac{3}{8}$ "	1 $\frac{1}{16}$ "

#### 90° connectors



Cat. #	Trade size	Cable opening		Unit qty.	Dimensions		
		Max.	Min.		A	B	C
ACB3890	$\frac{3}{8}$ "	0.660	0.400	50	1 $\frac{3}{4}$ "	2 $\frac{1}{16}$ "	1"
ACB5090	$\frac{1}{2}$ "	0.920	0.520	25	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "
ACB7590	$\frac{3}{4}$ "	1.110	0.680	10	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	1 $\frac{3}{8}$ "
ACB10090	1"	1.380	0.880	5	2 $\frac{13}{16}$ "	2 $\frac{1}{8}$ "	1 $\frac{11}{16}$ "

# Flexible metallic conduit fittings

## Squeeze type – malleable iron

### SQUEEZE TYPE – MALLEABLE IRON

#### Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

#### Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armored cable and flexible metal conduit
- Male threads – NPSM

#### Standard materials:

- Malleable iron
- Steel locknut

#### Standard finish:

- Zinc plated

### Squeeze type<sup>®</sup> – straight – non-insulated

UL File No. E-19189



FMC fittings

Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
707 <sup>②⑥</sup>	3/8"	5/8"	3/8"	100	7
708 <sup>②⑦</sup>	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

- <sup>②</sup> UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.
- <sup>⑤</sup> 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).
- <sup>⑥</sup> Suitable for use with armored cable.
- <sup>⑦</sup> Suitable for use with metal-clad cable.

### Squeeze type<sup>®</sup> – straight – insulated

UL File No. E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
1707 <sup>②⑥</sup>	3/8"	5/8"	3/8"	100	8
1708 <sup>②⑦</sup>	1/2"	1 5/16"	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

- <sup>②</sup> UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.
- <sup>⑤</sup> 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).
- <sup>⑥</sup> Suitable for use with armored cable.
- <sup>⑦</sup> Suitable for use with metal-clad cable.

# Flexible metallic conduit fittings

Squeeze type – zinc die cast

## SQUEEZE TYPE – ZINC DIE CAST

### Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

### Features:

- Zinc connectors assembled with die cast locknuts and zinc plated screws
- 105°C temperature rating
- Used with armored cable and flexible metal conduit
- Male threads – NPSM

### Standard materials:

- Zinc die cast
- Zinc die cast locknut

### Standard finish:

- Natural

### Squeeze type<sup>®</sup> – straight – non-insulated

UL File No. E-19189



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

<sup>®</sup>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<sup>®</sup> – straight – insulated

UL File No. E-19189



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

<sup>®</sup>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

## Squeeze type – zinc die cast

### SQUEEZE TYPE – ZINC DIE CAST

#### Applications:

- Used to squeeze and secure AC/MC cable to a box or enclosure

#### Features:

- Zinc connectors assembled with die cast locknuts and zinc plated screws
- 105°C temperature rating
- Used with armored cable and flexible metal conduit
- Male threads – NPSM

#### Standard materials:

- Zinc die cast
- Zinc die cast locknut

#### Standard finish:

- Natural

### Squeeze type<sup>®</sup> 90° angle – insulated

UL File No. 19189

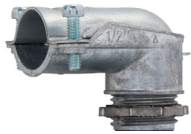


Cat. #	Trade size	Unit qty.	Wt. lbs. per 100
1724DC	3/8"	50	8
1736DC	1/2"	25	11
1738DC	3/4"	10	15
1739DC	1"	5	25
1740DC	1 1/4"	10	41
1741DC	1 1/2"	1	117
1742DC	2"	1	119
1744DC	2 1/2"	1	286
1745DC	3"	1	405
1746DC	3 1/2"	1	560
1747DC	4"	1	642

<sup>5</sup>UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class 1, Division 2, NEC 501-4(b).

### Squeeze type<sup>®</sup> 90° angle – non-insulated

UL File No. 19189



Cat. #	Trade size	Unit qty.	Wt. lbs. per 100
724DC <sup>1</sup>	3/8"	50	8
736DC	1/2"	25	11
738DC <sup>2</sup>	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

<sup>2</sup>UL approved for use with aluminum interlocking grounding metal-clad cable, Type MClA (Southwire MCAP<sup>®</sup>).

MCAP<sup>®</sup> is a registered trademark of Southwire Company.

<sup>5</sup>UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class 1, Division 2, NEC 501-4(b).

<sup>1</sup>UL approved for use with MC-PCS cable.

# Flexible metallic conduit fittings

## Clamp type – malleable iron

### CLAMP TYPE 45° ANGLE – MALLEABLE IRON

#### Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

#### Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armored cable and flexible metal conduit
- Male hub threads – NPSM

#### Standard materials:

- Malleable iron
- Steel locknut
- Stamped steel covers

#### Standard finish:

- Zinc plated

### Clamp type 45° angle – non-insulated

UL File No. E-19188 or E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of hole	bushed	Unit qty.	Wt. lbs. per 100
723 <sup>2</sup>	3/8"	21/32"	17/32"		50	14
For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 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 <sup>2</sup>	3/4"	1 1/8"	25/32"		25	24
For 2 conductor Nos. 6, 4 3 conductor Nos. 6, 4 Flexible metallic conduit 3/4"						

<sup>2</sup>UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™)  
MCAP™ is a registered trademark of Southwire Company.

### Clamp type 45° angle – insulated

UL File No. E-19188 or E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
1723 <sup>2</sup>	3/8"	21/32"	17/32"	50	14
1735	1/2"	15/16"	9/16"	25	17
1737 <sup>2</sup>	3/4"	1 1/8"	25/32"	25	24

<sup>2</sup>UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).  
MCAP™ is a registered trademark of Southwire Company.

# Flexible metallic conduit fittings

## Clamp type – malleable iron

### CLAMP TYPE 90° ANGLE – MALLEABLE IRON

#### Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

#### Features:

- High strength malleable iron
- 105°C temperature rating
- Used with armored cable and flexible metal conduit
- Male hub threads – NPSM

#### Standard materials:

- Malleable iron
- Steel locknut
- Stamped steel covers

#### Standard finish:

- Zinc plated

### Clamp type 90° angle – insulated

UL File No. E-19188 or E-19189



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
1736 <sup>6</sup>	1/2"	15/16"	9/16"	25	19
1738 <sup>2 6</sup>	3/4"	1 1/8"	13/16"	20	31
1739	1"	1 13/32"	1"	5	50
1740	1 1/4"	1 21/32"	1 1/4"	2	113
1741	1 1/2"	1 7/8"	1 1/2"	1	188
1742	2"	2 1/2"	1 15/16"	1	236
1744	2 1/2"	3"	2 1/2"	1	400
1745	3"	3 1/2"	3"	1	600
1746	3 1/2"	4"	3 13/32"	1	1150
1747	4"	4 19/32"	3 31/32"	1	1460

<sup>A</sup> UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

<sup>6</sup> Suitable for use with armored cable.

### Clamp type<sup>2 6</sup> 90° angle – non-insulated

UL File No. E-19188 or E-19189

FMC fittings



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
724 <sup>2 6</sup>	3/8"	21/32"	17/32"	50	15
For 2 conductor Nos. 14, 12, 10 3 conductor Nos. 14, 12, 10 4 conductor Nos. 14, 12 Flexible metallic conduit 5/16" and 3/8"					
736 <sup>6</sup>	1/2"	15/16"	9/16"	25	19
738 <sup>2 6</sup>	3/4"	1 1/8"	13/16"	20	31
739	1"	1 13/32"	1"	5	50
740	1 1/4"	1 21/32"	1 1/4"	2	113
741	1 1/2"	1 7/8"	1 1/2"	1	188
742	2"	2 1/2"	1 15/16"	1	236
744	2 1/2"	3"	2 1/2"	1	400
745	3"	3 1/2"	3"	1	600
746	3 1/2"	4"	3 13/32"	1	1150
747	4"	4 19/32"	3 31/32"	1	1460

<sup>2</sup> UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).

MCAP™ is a registered trademark of Southwire Company.

<sup>5</sup> UL Listed flexible metallic conduit fittings are suitable as grounding means under NEC 350-5 and suitable for hazardous location use per Class 1, Division 2, NEC 501-4(b).

<sup>6</sup> Suitable for use with armored cable.

# Flexible metallic conduit fittings

## Set screw & duplex type – malleable iron

### Applications:

- Used to clamp and secure AC/MC cable to a box or enclosure

### Features:

- High strength malleable iron
- Used with armored cable and flexible metal conduit

### Standard materials:

- Malleable iron
- Steel locknut
- Stamped steel cover (Duplex Type only)

### Standard finish:

- Zinc plated

## SET SCREW TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
702V <sup>2</sup>	3/8"	5/8"	7/16"	100	7
For 2 conductor Nos. 14, 12 3 conductor Nos. 14, 12 4 conductor No. 14, 5/16" flex					

<sup>2</sup>UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

## DUPLEX TYPE – MALLEABLE IRON

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
<b>Straight</b>					
699 <sup>2</sup> ④	3/8"	5/8"	3/16"	25	20
<b>90 Degree</b>					
700 <sup>2</sup> ④	3/8"	5/8"	3/16"	25	14

<sup>2</sup>UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™). MCAP™ is a registered trademark of Southwire Company.

④UL Listed as grounding means.

# Flexible metallic conduit fittings

Set screw & duplex type – zinc die cast

## SET SCREW TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade size	Desc.	Cable opening		Unit qty.	Wt. lbs. per 100
			Max.	Min.		
BX38R	3/8"	Round	0.600	0.460	50	5

## SET SCREW TYPE – ZINC DIE CAST

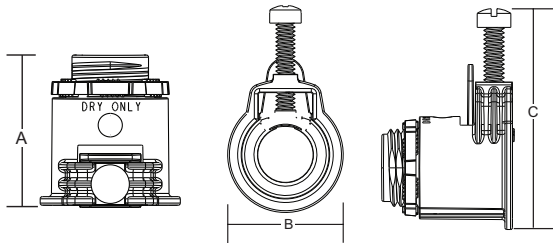
UL File No. E-19188



Cat. #	Trade size	Cable opening		Unit qty.	Wt. lbs. per 100
		Max.	Min.		
ACB38DC ② ①	3/8"	0.610	0.469	50	9
ACB50DC ② ①	1/2"	0.610	0.469	25	10
ACB75DC	3/4"	0.986 ③	0.819 ④	20	13
ACB100DC	1"	1.130 ⑤	1.130 ⑤	10	17

② UL approved for use with aluminum interlocking grounding metal-clad cable, Type MCIA (Southwire MCAP™).  
 MCAP™ is a registered trademark of Southwire Company.  
 ③ Tested with AC cable only.  
 ④ UL approved for use with MC-PCS cable.

## Dimensions (in inches):



Cat. #	A	B	C
ACB38DC	0.969	1.094	1.828
ACB50DC	1.377	1.299	2.322
ACB75DC	1.464	1.476	2.559
ACB100DC	1.699	1.759	3.267

## DUPLEX TYPE – ZINC DIE CAST

UL File No. E-19188



Cat. #	Trade size	Dia. of opening for cable	Dia. of bushed hole	Unit qty.	Wt. lbs. per 100
2699 ④ ①	3/8"	5/8"	3/16"	25	13

④ UL Listed as grounding means.  
 ① UL approved for use with MC-PCS cable.

## 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

FMC fittings



# Flexible metallic conduit fittings

Screw-in type – zinc die cast

## SCREW-IN TYPE – ZINC DIE CAST

### Straight connectors – insulated

UL File No. E-19189



Cat. #	Trade size	Unit qty.	Wt. lbs. per 100
1770DC	3/8"	80	5
1771DC	1/2"	60	5
1772DC	3/4"	35	9
1773DC	1"	15	13
1774DC	1 1/4"	10	24
1775DC	1 1/2"	6	35
1776DC	2"	3	52

### 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