

# Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC:  
Rated for Ordinary Locations

NEC/CEC:  
Listed for Ordinary Locations

## Combination Coupling 3/8" Flexible Metal Conduit to 1/2" EMT

### Applications

- To couple 3/8" flexible metal conduit to 1/2" EMT conduit.

### Features

- Furnished with locknut.

### Standard Material

- Zinc diecast

## Armored Ground Wire and Nonmetallic Sheathed Cable <sup>①</sup> Connector

### Applications

- To ground and secure armored ground wire and nonmetallic sheathed cable to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

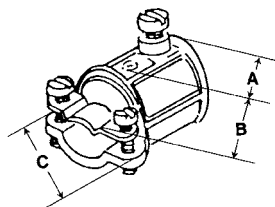
### Standard Material

- Malleable iron/zinc plated

### NEC/CEC Certifications and Compliances

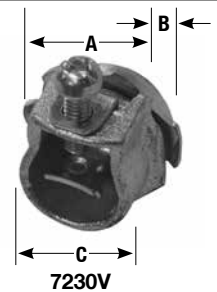
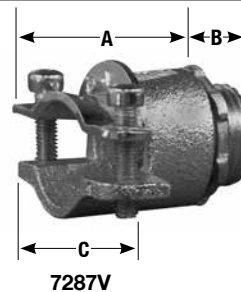
- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.	A	B	C		
3/8	16.0 (0.63)	5.6 (0.22)	22.4 (0.88)	10.4 (0.41)	31.8 (1.25)	3.40 (7.50)	TW38-50DC <sup>②</sup>

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
1/2	23.9 (0.94)	10.4 (0.41)	14.9 (0.59)	27.7 (1.09)	10.4 (0.41)	47.8 (1.88)	7.71 (17.00)	7287V
1/2 (3/4" knockout)	23.9 (0.94)	14.9 (0.59)	19.8 (0.78)	27.7 (1.09)	11.2 (0.44)	47.8 (1.88)	8.62 (19.00)	7288V
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	-	16.0 (0.63)	11.2 (0.44)	25.4 (1.00)	3.18 (7.00)	7230V

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

<sup>②</sup> UL Listed and CSA Certification not applicable.

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## Armored Cable <sup>①</sup> and Flexible Metal Conduit Duplex Connector

### Applications

- To ground and secure two armored cables to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## Armored Cable <sup>①</sup> and Flexible Metal Conduit - 45° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.

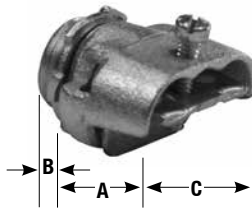
### Standard Material/Finish

- Malleable iron/steel/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852, E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

### Illustrated Dimensions

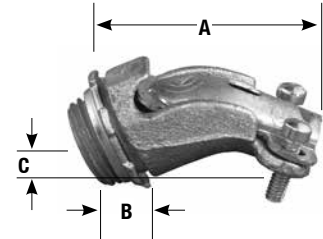


7240V

### Illustrated Dimensions



7247V



7245V, 7246V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
3/8 (1/2" knockout)	16.0 (0.63)	8.6 (0.34)	10.4 (0.41)	24.6 (0.97)	11.9 (0.47)	44.5 (1.75)	9.53 (21.00)	7240V

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Bushed Hole Diameter	Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number
	Max.	Min.		A	B	C		
3/8 (1/2" knockout)	16.0 (0.63)	9.7 (0.38)	13.5 (0.53)	41.4 (1.63)	11.2 (0.44)	25.4 (1.00)	7.26 (16.00)	7245V
1/2	23.9 (0.94)	20.6 (0.81)	13.5 (0.53)	42.9 (1.69)	11.2 (0.44)	31.8 (1.25)	10.21 (22.50)	7246V <sup>②</sup>
3/4	28.4 (1.12)	24.1 (0.95)	20.6 (0.81)	44.5 (1.75)	11.2 (0.44)	38.1 (1.50)	12.70 (28.00)	7247V <sup>②</sup>

<sup>①</sup> Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

<sup>②</sup> UL Listed and CSA Certification not applicable.

# Armored Cable and Flexible Metal Conduit Connectors

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## Armored Cable <sup>①</sup> and Flexible Metal Conduit - 90° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/steel/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1

## Armored Cable <sup>①</sup> and Flexible Metal Conduit Straight Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11852
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795, 065178
- NEMA: FB-1

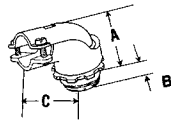
### Illustrated Dimensions



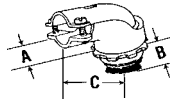
7381V, 7382V



7381VI, 7382VI



7380V

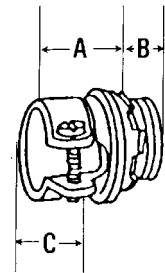


7381VI

### Illustrated Dimensions



7265V



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
3/8 (1/2" knockout)	16.0 (0.63)	7.9 (0.31)	19.1 (0.75)	11.2 (0.44)	31.8 (1.25)	6.62 (14.60)	7380V	-
1/2	23.9 (0.94)	14.9 (0.59)	38.1 (1.50)	11.2 (0.44)	50.8 (2.00)	10.25 (22.60)	7381V	7381VI
3/4	28.4 (1.12)	20.6 (0.81)	42.9 (1.69)	11.2 (0.44)	50.8 (2.00)	14.97 (33.00)	7382V	7382VI

Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
3/8	16.0 (0.63)	11.9 (0.47)	13.5 (0.53)	11.2 (0.44)	29.5 (1.16)	3.18 (7.00)	7265V	-
3/8 (1/2" knockout)	17.5 (0.69)	13.5 (0.53)	21.4 (0.84)	11.2 (0.44)	29.5 (1.16)	5.17 (11.40)	7480V	7480VI
1/2	23.9 (0.94)	19.1 (0.75)	22.4 (0.88)	11.2 (0.44)	38.1 (1.50)	5.44 (12.00)	7481V	7481VI
3/4	28.6 (1.1)	23.1 (0.91)	26.9 (1.06)	11.2 (0.44)	42.2 (1.66)	7.94 (17.50)	7482V	7482VI

① Select connectors by physical dimensions of cable as dimensions may vary between manufacturers.

# Armored Cable and Flexible Metal Conduit Connectors

**NEC/CEC:**  
Listed for Ordinary Locations

## Flexible Metal Conduit - 90° Connectors

### Applications

- To ground and secure armored cable and flexible metal conduit to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 065178
- NEMA: FB-1



7383



7383I

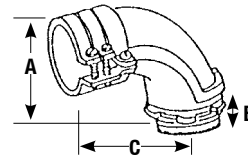


7385I



7385

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Weight per 100 kg (lb)	Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C			
1	35.1 (1.38)	30.2 (1.19)	58.7 (2.31)	12.7 (0.50)	54.1 (2.13)	25.40 (56.00)	7383	7383I
1-1/4	45.2 (1.78)	37.3 (1.47)	71.4 (2.81)	14.2 (0.56)	69.9 (2.75)	53.52 (118.00)	7384	7384I
1-1/2	50.8 (2.00)	43.7 (1.72)	75.4 (2.97)	14.2 (0.56)	88.9 (3.50)	79.83 (176.00)	7385	7385I
2	61.9 (2.44)	50.8 (2.00)	104.9 (4.13)	19.1 (0.75)	120.7 (4.75)	131.54 (290.00)	7386	7386I
2-1/2	76.2 (3.00)	67.6 (2.66)	124.0 (4.88)	26.9 (1.06)	149.4 (5.88)	204.12 (450.00)	7387	7387I
3	88.9 (3.50)	80.3 (3.16)	139.7 (5.50)	26.9 (1.06)	168.4 (6.63)	277.60 (612.00)	7388	7388I

# Armored Cable and Flexible Metal Conduit Connectors

NEC/CEC: — Listed for Ordinary Locations  
Suitable for use with flexible metal conduit in  
Class I, Division 2 Hazardous Locations per  
NEC 501.10 (B)(2)

## Flexible Metal Conduit Connectors One Screw and Two Screw

### Applications

- To ground and secure flexible metal conduit or armored cable to boxes and enclosures.

### Features

- Furnished with locknut.
- Male hub threads — NPS.
- Insulated throat version available.

### Standard Material/Finish

- Malleable iron/zinc electroplated

### NEC/CEC Certifications and Compliances

- UL Standard: 514B
- UL Listed: E-11853
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 009795
- NEMA: FB-1
- 7483/7483I – 7488/7488I CSA Certified for Armored Cable



7483



7483I

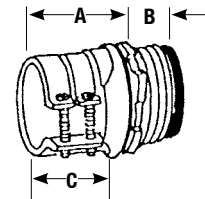


7485



7485I

### Illustrated Dimensions



Flexible Conduit Size (Inches)	Cable Opening in Millimeters (Inches)		Dimensions in Millimeters (Inches)			Catalog Number	Insulated Throat Catalog Number
	Max.	Min.	A	B	C		
<b>One Screw</b>							
1	35.1 (1.38)	26.2 (1.03)	28.7 (1.13)	12.7 (0.50)	50.0 (1.97)	7483	7483I
1-1/4	41.28 (1.63)	35.1 (1.38)	28.7 (1.13)	14.2 (0.56)	57.2 (2.25)	7484	7484I
<b>Two Screw</b>							
1-1/2	49.5 (1.95)	41.4 (1.63)	46.7 (1.84)	14.2 (0.56)	59.4 (2.34)	7485	7485I
2	62.2 (2.45)	54.9 (2.16)	50.8 (2.00)	19.1 (0.75)	84.1 (3.31)	7486	7486I
2-1/2	77.7 (3.06)	68.6 (2.70)	50.8 (2.00)	20.6 (0.81)	103.9 (4.09)	7487	7487I
3	90.4 (3.56)	77.0 (3.03)	55.6 (2.19)	23.9 (0.94)	115.8 (4.56)	7488	7488I
3-1/2	104.9 (4.13)	95.3 (3.75)	62.0 (2.44)	25.4 (1.00)	130.3 (5.13)	7489	7489I
4	118.6 (4.67)	106.4 (4.19)	68.3 (2.69)	25.4 (1.00)	144.5 (5.69)	7490	7490I