

NEER Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

AC: 90° Two Screw Clamp

Application

- To make a 90° termination of conduit or cable to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features

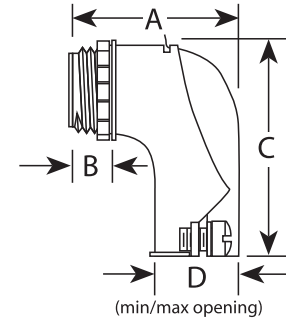
- Male hub threads — NPS.
- All center stopped.
- Furnished with locknut.
- Available with insulated throat.
- Combination head screws on AC(I)-90 thru AC(I)-96.

Standard Material/Finish

- Body: zinc diecast
- Cover: steel/zinc plated

Certifications and Compliances

- UL Standard: 514B
- UL Listed: E25014
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1



AC-90

Note:

- AC-90 through AC-400-D listed for use with regular and reduced wall steel and aluminum flexible metal conduit.
- AC-90 and ACI-90 listed for use with 14-2 AWG (nominal O.D. 0.46in./11.7mm.) to 10-3 AWG (nominal O.D. 0.58in./14.7mm.) steel armored cable (AC); 14-2 AWG (nominal O.D. 0.48in./12.2mm.) to 10-3 AWG (nominal O.D. 0.60in./15.2mm.) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.60in./15.2mm.) steel interlocking metal-clad cable (MCI); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.61in./15.5mm.) aluminum interlocking metal-clad cable (MCI); 10-2 AWG (nominal O.D. 0.45in./11.4mm.) to 10-4 AWG (nominal O.D. 0.54in./13.7mm.) aluminum interlocking metal-clad cable, grounding type (MCI-A).
- AC-95 and ACI-95 listed for use with 8-2 AWG (nominal O.D. 0.66in./16.8mm.) to 8-3 AWG (nominal O.D. 0.76in./19.3mm.) steel armored cable (AC); 8-2 AWG (nominal O.D. 0.70in./17.8mm.) to 8-3 AWG (nominal O.D. 0.79in./20.1mm.) aluminum armored cable (AC); 8-2 AWG (nominal O.D. 0.68in./17.3mm.) to 8-3 AWG (nominal O.D. 0.76in./19.3mm.) steel interlocking metal-clad cable (MCI); 8-2 AWG (nominal O.D. 0.68in./17.3mm.) to 8-3 AWG (nominal O.D. 0.78in./19.8mm.) aluminum interlocking metal-clad cable (MCI).

Commercial Products

COMMERCIAL PRODUCTS: CORD AND CABLE FITTINGS

Trade Size (Inches)	Catalog Number	Insulated Throat Catalog Number	Dimensions in Inches/Millimeters			
			A	B	C	D
3/8 (1/2 knockout)	AC-90	ACI-90	1.12/28.4	0.48/12.2	1.78/45.2	0.45/11.4 - 0.78/19.8
1/2	AC-95	ACI-95	1.51/38.4	0.42/10.7	2.12/53.8	0.70/17.8 - 1.15/29.2
3/4	AC-96	ACI-96	1.70/43.2	0.44/11.2	2.09/53.1	0.98/24.9 - 1.40/35.6
1	AC-97	—	2.33/59.2	0.54/13.7	2.87/72.9	1.09/27.7 - 1.73/43.9
1-1/4	AC-98	—	2.75/69.9	0.64/16.3	4.00/101.6	1.34/34.0 - 1.97/50.0
1-1/2	AC-985	—	3.75/95.3	0.75/19.1	6.00/152.4	1.65/41.9 - 2.61/66.3
2	AC-99	—	4.00/101.6	0.74/18.8	6.00/152.4	1.54/39.1 - 2.54/64.5
2-1/2	AC-250-D	—	6.12/155.4	0.87/22.1	7.19/182.6	2.45/62.2 - 2.98/75.7
3	AC-300-D	—	6.70/170.2	1.03/26.2	7.87/199.9	2.93/74.4 - 3.45/87.6
3-1/2	AC-350-D	—	7.50/190.5	1.03/26.2	9.40/238.8	3.28/83.3 - 3.95/100.3
4	AC-400-D	—	8.70/221.0	1.03/26.2	10.20/259.1	3.68/93.5 - 4.42/112.3

NEER Zinc Cable and Conduit Connectors

For Armored Cable, Flexible Metal Conduit and Metal Clad Cable

DC-5500: Duplex, Single Screw, Clamp Type

Application

- To make a termination of flexible metal conduit to a knockout or unthreaded slip hole in a dry location box or enclosure.

Features

- Furnished with locknut.
- Male hub threads — NPS.
- Combination head screw.

Standard Material

- Zinc diecast

Certifications and Compliances

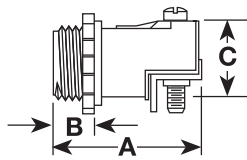
- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

Note:

- DC-5500 listed for use with 0.38in./9.7mm. regular and reduced wall steel an aluminum flexible metal conduit.
- DC-5500 listed for use with 14-2 AWG (nominal O.D. 0.46in./11.7mm.) to 10-3 AWG (nominal O.D. 0.50in./12.7mm.) steel armored cable (AC); 14-2 AWG (nominal O.D. 0.58in./14.7) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.60in./15.2mm.) steel interlocking metal-clad cable (MCI); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.61in./15.5mm.) aluminum interlocking metal-clad cable (MCI); 14-2 AWG (nominal O.D. 0.37in./9.4mm.) to 10-3 AWG (nominal O.D. 0.50in./12.7mm.) aluminum interlocking metal-clad cable, grounding type (MCI-A).



DC-5500



Trade Size (Inches)	Catalog Number	Dimensions in Inches/Millimeters		
		Body Length	Thread Length	Diameter
3/8 (1/2 knockout)	DC-5500	1.50/38.1	0.43/10.9	0.85/21.6

C-510: Two Screw Connectors

Application

- To terminate regular wall steel or aluminum flexible conduit to a 1/2" knockout in a dry box or enclosure.

Features

- End stopped.
- Male hub threads — NPS.
- Furnished with locknut.
- Combination head screw.

Standard Material

- Zinc diecast

Certifications and Compliances

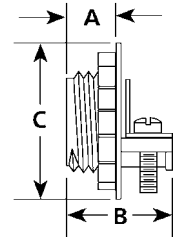
- UL Standard: 514B
- UL Listed: E32539
- CSA Standard: C22.2 No. 18.3
- CSA Certified: 208044
- NEMA: FB-1

Note:

- C-510 listed for use with 3/8" regular and reduced wall steel an aluminum flexible metal conduit.
- C-510 listed for use with 14-2 AWG (nominal O.D. 0.46in./11.7mm.) to 10-2 AWG (nominal O.D. 0.60in./15.2mm.) steel armored cable (AC); 14-2 AWG (nominal O.D. 0.48in./12.2mm.) to 10-2 AWG (nominal O.D. 0.57in./14.5mm.) aluminum armored cable (AC); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.60in./15.2mm.) steel interlocking metal-clad cable (MCI); 14-2 AWG (nominal O.D. 0.47in./11.9mm.) to 10-3 AWG (nominal O.D. 0.61in./15.5mm.) aluminum interlocking metal-clad cable (MCI); 14-2 AWG (nominal O.D. 0.37in./9.4mm.) to 10-3 AWG (nominal O.D. 0.50in./12.7mm.) aluminum interlocking metal-clad cable, grounding type (MCI-A).



C-510



Trade Size (Inches)	Catalog Number	Dimensions in Inches/Millimeters		
		Body Length	Thread Length	Diameter
3/8 (1/2 knockout)	C-510	0.87/22.1	0.37/9.4	0.91/23.1