



CONNECT AND PROTECT

nVent Compression & Mechanical Connections

CADDY ERICO ILSCO





Grounding and bonding at the basic level is taking away unwanted or excess energy from the electrified network and dissipating that into the mass of the earth. If this was not done then, it could lead to electric shock hazards to the public and workers, causing damage and malfunctioning to electrical equipment.

The grounding system at a facility is an important part of electrical installations. The grounding system needs to operate correctly at all times to provide several requirements that include:

1. Safety to people
2. Proper operation of protection system and devices like circuit breakers and residual current devices
3. Compliance to national and international standards and best design practices
4. Reduction of electrical noise in communication systems
5. Dissipation of lightning energy from power surges and direct lightning strikes
6. Operation of electrical and communication equipment

nVent ERICO is a pioneer in the field of electrical grounding and bonding, inventing the Cadweld system for grounding connection in the 1930's using exothermic technology. In 2020 releasing a Cadweld Impulse electronic ignition system that is still a better connection system for the critical applications where ultimate reliability is needed.

nVent ERICO compression crimp connectors like C & E crimps, provide an excellent grounding connection in applications where the use of the exothermic process is not required and a reliable compression system is needed.

Both exothermic and compression systems can be used in below and above ground applications and are compliant to the highest standards and codes.

Some areas where nVent is a well established provider of grounding and bonding solutions include power utility and rail infrastructure, renewable energy, commercial and industrial facilities, mining, data centers, telecommunications and specialized facilities like nuclear power stations.



The Grounding Chain

The Grounding system will carry little or no current for long periods of time until a fault or lightning strike occurs. When this happens the components will conduct a large amount of current and should be expected to perform like new. Part of the Grounding system is concealed below grade, making inspection of the grounding components difficult or impossible. The underground environment is a harsh one. The initial selection of the components used in the grounding system is of critical importance to its long-term effectiveness.

The performance of the Grounding system is determined by the quality of the following five components all of which are of equal importance.

1. The Grounding Conductor. Commonly made from copper or copper-bonded steel, the Grounding electrode conductor must be large enough to withstand the maximum available fault current over the maximum clearing time.
2. The Grounding Connections. Often overlooked, the Grounding connections are used to tie the elements of the electrode system together and are a critical part of the grounding chain.
 - Exothermically welded connections or Cadweld connections provide a molecular bond that will never loosen or corrode. IEEE Standard 837-2014 provides detailed information on the application and testing of permanent grounding connections for substations. nVent ERICO can provide an independent, third-party test report evaluating the performance of these connectors in accordance with the testing procedures set forth in IEEE Standard 837-2014, Standard for Qualifying Permanent Substation Grounding Connections.
 - Compression Grounding connections are widely used in grounding application and can provide excellent connection solutions for below ground application where compliance to IEEE 837 is not required or at sites where a Cadweld connection is not possible and for all above ground connections. A large range of these connections comply with and are listed to UL 467 for direct burial and above ground connections. These connections comply with TIA 607, AS 30129, AS 3015 and IEC 30129 in indoor grounding applications at data centers and telecommunications facilities.
 - Mechanical connectors, such as bolted, rely on more heavily physical point-to-point surface contact and amount of torque applied to maintain the integrity of the electrical connection and are suited for applications where disconnection is desired and for application that are not as critical.
3. The Grounding Electrode. The Grounding electrode provides the physical connection to the ground and is used to dissipate current into it. There are two main types of electrodes. "Natural" electrodes are intrinsic to the facility and include metal underground water pipe, the metal frame of the building, and reinforcing steel in concrete foundations. "Made" electrodes are installed specifically to improve the performance of the Grounding system and include wire meshes, metallic plates, buried conductor and



nVent ERICO Cadweld

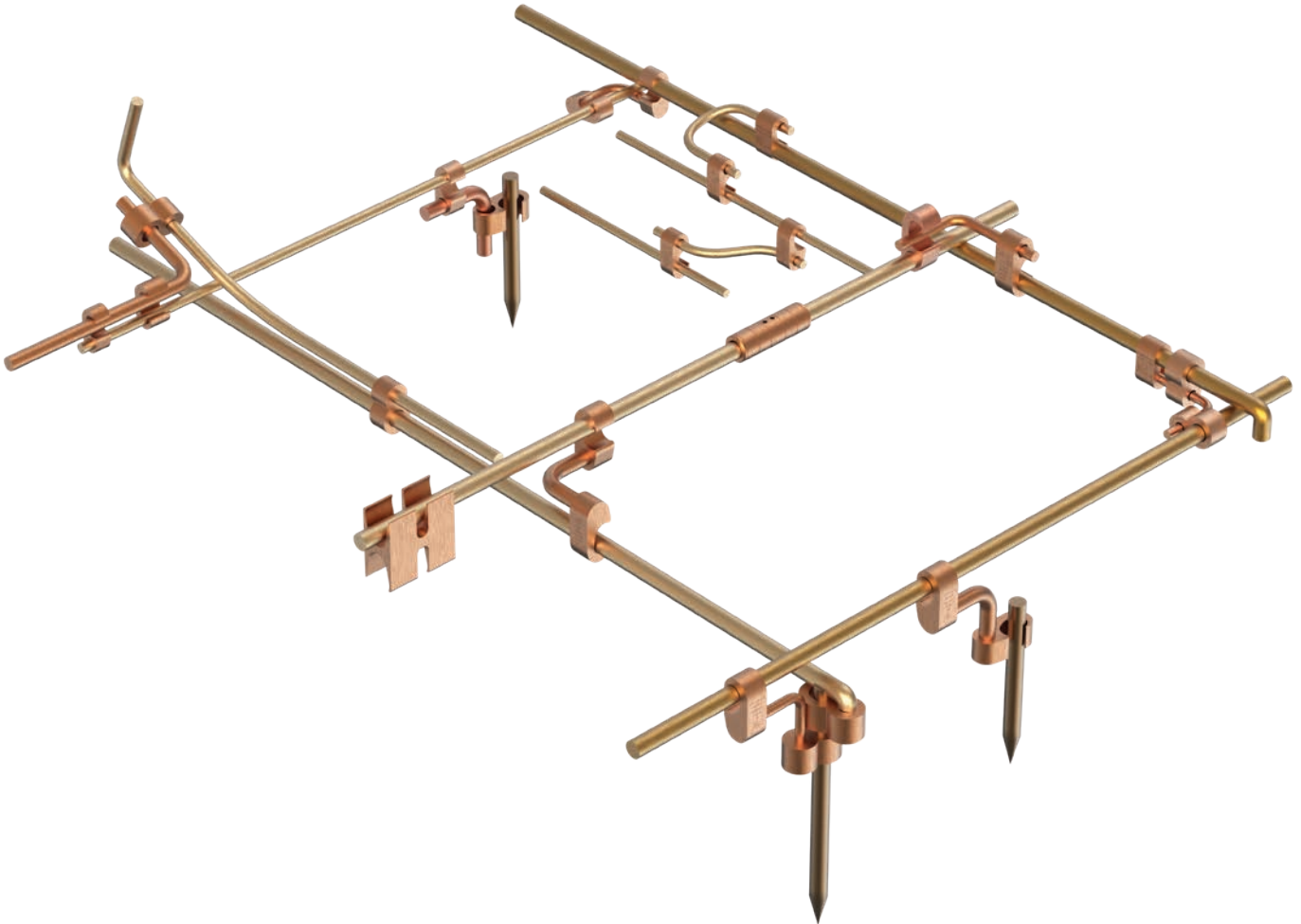


rods or pipes driven into the ground. The ground rod is the most widely used electrode.

4. Electrode to Soil Resistance. Rod surface area, depth and placement are the controlling factors. Doubling diameter reduces resistance by only 10% and is not cost effective. Doubling rod length, however, theoretically reduces resistance up to 40%. The most common solution is proper placement of multiple rods that are driven to the required depths.
5. The Soil. The soil resistivity, measured in ohm-centimeters or ohm-meters, plays the most significant role in determining the overall performance of the grounding system and must be known before a proper grounding system can be engineered.

Grounding Grid System

Pure wrought copper extrusions prevent corrosion due to dissimilar metals, have the same conductivity as copper conductors, and are pre-filled with inhibiting compound



1 ELT/ULT

Compression Line and Ground Tap/C-Crimp
Applications: Tap Connector, Lap Splice
Connector Conductor Range: #6 solid



2 GGC

Compression Ground Tap Connector
Applications: Tap Connector, Lap Splice Connector
Conductor Range: #6 solid – 500 kcmil
Copper Ground Rods: 1/2", 5/8", 3/4" (12,15,16,19 mm)



3 GGA

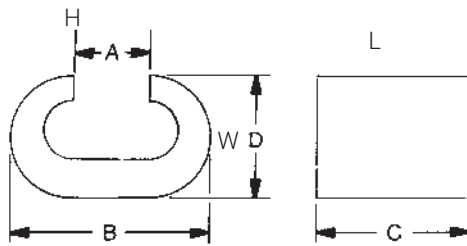
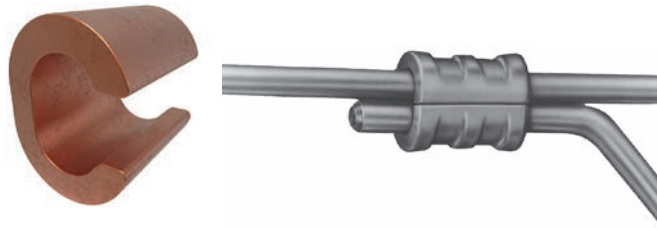
Compression Ground Grid Cross Connector
Compression elements can be rotated or adjusted prior to installation
Applications: Cross Connector, Ground Rod Connector
Conductor Range: #6 solid
Copper Ground Rods: 1/2", 5/8", 3/4"



Compression Power and Grounding

Copper C Crimps

TYPE ULT



Features

- Manufactured from high conductivity copper alloy
- Clearly marked with wire size and die index
- Range taking
- Suitable for use in circuits rated 35 KV or less, proper high voltage spacing and insulation techniques must be used
- Rated to 90°C for power applications
- UL pending for metrics

Benefits

- Provides maximum conductivity and eliminates the possibility of corrosion
- Provides easy identification and tooling recommendation
- Reduces inventory
- Application versatility
- Direct burial in earth or concrete for grounding applications



Part Number	Copper Wire Range		Die Index	Dimensions - in. (mm)		
	Main	Tap		L	W	H
ULT-1-MM	10str-12sol (4 mm ²)	10str-12sol (4 mm ²)	238	.366 (9.3)	.279 (7.1)	.320 (8.1)
ULT-2-MM	8str-8sol (6-10 mm ²)	8str-10sol (6 mm ²)	162	.486 (12.3)	.353 (9.0)	.500 (12.7)
ULT-3-MM	4str-6sol (16-25 mm ²)	8str-8sol (10 mm ²)	BG or 5/8	.735 (18.7)	.470 (11.9)	.615 (15.6)
ULT-4-MM	4str-6sol (16-25 mm ²)	6str-6sol (16 mm ²)	BG or 5/8	.765 (19.4)	.460 (11.7)	.700 (17.8)
ULT-5-MM	4str-6sol (16-25 mm ²)	4str-4sol (25 mm ²)	BG or 5/8	.830 (21.1)	.470 (11.9)	.700 (17.8)
ULT-6-MM	2str-2sol (35 mm ²)	4str-8sol (10-25 mm ²)	C	.990 (25.1)	.614 (15.6)	.830 (21.1)
ULT-7-MM	2str-2sol (35 mm ²)	2str-2sol (35 mm ²)	C	1.047 (26.6)	.614 (15.6)	.826 (21.0)
ULT-8-MM	2/0str-1/0sol (50-70 mm ²)	2str-8sol (10-35 mm ²)	O	1.350 (34.3)	.812 (20.6)	.925 (23.5)
ULT-9-MM	2/0str-1/0sol (50-70 mm ²)	2/0str-1/0sol (50-70 mm ²)	O	1.350 (34.3)	.812 (20.6)	.925 (23.5)
ULT-10-MM	4/0str-3/0sol (95 mm ²)	2str-6sol (16-25 mm ²)	D3	1.628 (41.4)	1.000 (25.4)	1.075 (27.3)
ULT-11-MM	4/0str-3/0sol (95-120 mm ²)	2/0str-1/0sol (50-70 mm ²)	D3	1.628 (41.4)	1.000 (25.4)	1.075 (27.3)
ULT-12-MM	4/0str-3/0str (95 mm ²)	4/0str-3/0str (95 mm ²)	D3	1.610 (40.9)	1.000 (25.4)	1.200 (30.5)

All imperial wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Compression Grounding

Copper E Crimps

TYPE ELT



Features

- Manufactured from copper alloy
- Clearly marked with wire size and die index
- Range taking
- UL pending for metrics
- May be used in ground grid applications

Benefits

- Provides maximum conductivity
- Provides easy identification and tooling recommendation
- Reduces inventory
- For direct burial in earth or concrete
- Flexibility in application



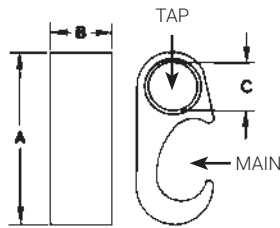
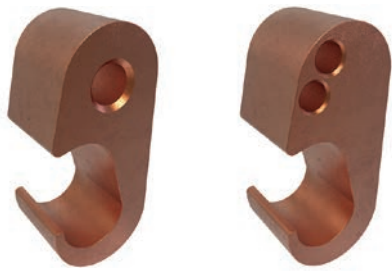
Part Number	Copper Wire Range		Width - in. (mm)	Die Index
	Main	Tap		
ELT-1-MM	2str-6sol (16-35 mm ²)	2str-6sol (16-35 mm ²)	.750 (19.1)	C (U Type)
ELT-2-MM	2/0str-1str (50-70 mm ²)	2/0str-1str (50-70 mm ²)	.750 (19.1)	0 (U Type)
ELT-3-MM	250 kcmil-3/0str (95-120 mm ²)	250 kcmil-3/0str (95-120 mm ²)	.900 (22.9)	997 (U Type)
ELT-4-MM	2/0str-1str (50-70 mm ²)	2str-6str (16-35 mm ²)	.750 (19.1)	0 (U Type)
ELT-5-MM	250 kcmil-3/0str (95-120 mm ²)	2/0str-6sol (16-70 mm ²)	.750 (19.1)	997 (U Type)
ELT-6-MM	500 kcmil-300 kcmil (150-240 mm ²)	250 kcmil-3/0str (95-120 mm ²)	.875 (22.2)	1011 (U Type)
ELT-7-MM	500 kcmil-300 kcmil (150-240 mm ²)	2/0str-6sol (16-70 mm ²)	.875 (22.2)	1011 (U Type)
ELT-8-MM	500 kcmil-300 kcmil (150-240 mm ²)	500 kcmil-300 kcmil (150-240 mm ²)	.875 (22.2)	1011 (U Type)

All imperial wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Compression Grounding

Figure 6 Grounding Grid

TYPE GGC



Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- Versatile
- Prefilled with DE-OX oxide inhibiting compound
- UL pending

Benefits

- Provides maximum conductivity
- Provides easy identification and tooling recommendation
- Reduces inventory. Eight sizes cover a wire range from 16–240 sqmm, and ½" to ¾" ground rods.
- Can be used as a tap connector or as a lap splice connector
- Can be installed in all types of weather with no need for protective equipment or clothing. Does not produce heat or dangerous particles.
- Prevents oxides from forming
- Ensures reliability
- For direct burial in earth or concrete



Part Number	Figure Number	Wire Range		Main Rebar	Main Ground Rod, in (mm)	Dimensions - in. (mm)			Die Index Number
		Main	Tap			A	B	C	
GGC-1-MM	1	2str-6sol (16-35 mm ²)	2str-6sol (16-35 mm ²)	–	–	1.40 (35.6)	.75 (19.1)	.33 (8.4)	0
GGC-2-MM	1	250 kcmil-1/0str (50-120 mm ²) ½-⅝" (12-15 mm) Rod	2str-4sol (25-35 mm ²)	#3-4 (#10-13 mm)	½-⅝" (12-15)	2.10 (53.3)	.75 (19.1)	.33 (8.4)	997
GGC-3-MM	1	250 kcmil-1/0str (50-120 mm ²) ½-⅝" (12-15 mm) Rod	2/0str-1/0str (50-70 mm ²)	#3-4 (#10-13 mm)	½-⅝" (12-15)	2.10 (53.3)	.75 (19.1)	.44 (11.2)	997
GGC-4-MM	1	250 kcmil-1/0str (50-120 mm ²) ½-⅝" (12-15 mm) Rod	250 kcmil-3/0str (70-120 mm ²)	#3-4 (#10-13 mm)	½-⅝" (12-15)	2.10 (53.3)	.75 (19.1)	.61 (15.5)	997
GGC-5-MM	1	500 kcmil-250 kcmil (120-240 mm ²) ⅝-¾" (15-19 mm) Rod	2str-4sol (25-35 mm ²)	#5-6 (#16-19 mm)	⅝-¾" (15-19)	2.60 (66.0)	.75 (19.1)	.33 (8.4)	998
GGC-6-MM	1	500 kcmil-250 kcmil (120-240 mm ²) ⅝-¾" (15-19 mm) Rod	2/0str-1/0str (50-70 mm ²)	#5-6 (#16-19 mm)	⅝-¾" (15-19)	2.60 (66.0)	.75 (19.1)	.44 (11.2)	998

Compression Grounding

Figure 6 Grounding Grid

Part Number	Figure Number	Wire Range		Main Rebar	Main Ground Rod, in (mm)	Dimensions - in. (mm)			Die Index Number
		Main	Tap			A	B	C	
GGC-7-MM	1	500 kcmil-250 kcmil (120-240 mm ²) 5/8-3/4" (15-19 mm) Rod	250 kcmil-3/0str (70-120 mm ²)	#5-6 (#16-19 mm)	5/8-3/4 (15-19)	2.60 (66.0)	.75 (19.1)	.61 (15.5)	998
GGC-8-MM	1	500 kcmil-250 kcmil (120-240 mm ²) 5/8-3/4" (15-19 mm) Rod	500 kcmil-350 kcmil (185-240 mm ²)	#5-6 (#16-19 mm)	5/8-3/4 (15-19)	2.90 (73.7)	.75 (19.1)	.84 (21.3)	999/1011
GGC-9-MM	2	250 kcmil-1/0str (50-120 mm ²) 1/2-5/8" (12-16 mm) Rod	6str-6sol (16 mm ²)	#3-4 (#10-13 mm)	1/2-5/8 (12-15)	2.60 (66.0)	.75 (19.1)	—	997

All imperial wire sizes, unless noted otherwise, are American Wire Gauge (AWG)
Tested to UL 467, UL File E34440

NOTE: Hydraulic tools required on all sizes except GGC-1 Dieless tools can not be used

The GGC Series compression ground tap connector can be used as a tap connector to connect copper ground wire to a copper clad ground rod or as a lap splice connector splicing copper conductors together. The GGC Series of compression connectors are pre-filled with inhibiting compound and are suitable for direct burial.

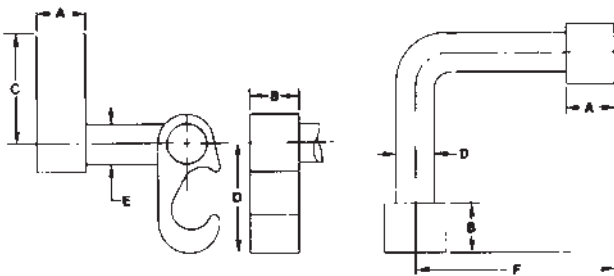
Notes:

1. nVent ILSCO ILC-12 or ILC-15 Series Tools and ILD Series Dies may be used. **Note:** Adapter required when using ILC-15 Series Tool. Burndy tools and dies may also be used.
2. Perform a "pre-crimp" on ground rod prior to installing GGC connector. Use an indent type of die such as ILD-Precrimp.
3. When using #6 AWG solid wire in the tap side, fold conductor double prior to crimping.
4. When using GGC-4, if 3/0 (95 mm²) conductor is used in the tap side, use a minimum of 2/0 (70 mm²) conductor in the run side.

Compression Grounding

Figure 6 - 6 Grounding Grid

TYPE GGA



Features

- Manufactured from high strength copper alloy
- Clearly marked with wire size and die index
- Range taking
- Connector can be adjusted prior to installation
- Prefilled with DE-OX oxide inhibiting compound

Benefits

- Provides maximum conductivity. Suitable for direct burial.
- Provides easy identification and tooling recommendation
- Reduces inventory. Six sizes cover a wire range from 500 kcmil to #6, and ½" to ¾" ground rods.
- Permits adjustments to be made for misaligned cross grids
- Can be installed in all types of weather with no need for protective equipment or clothing. Does not produce heat or dangerous particles.
- Prevents oxides from forming
- Ensures reliability
- Direct burial in earth or concrete



Part Number	Wire Range					Dimensions - in. (mm)					
	Cable to Cable		Cable to Ground Rod		Rebar						
	Side A	Side B	Side A	Side B	Side B	A	B	C	D	E	F
GGA-1	2str-6sol (16-35 mm ²)	2str-6sol (16-35 mm ²)	—	—	—	.750 (19.1)	.750 (19.1)	1.090 (27.7)	1.090 (27.7)	.313 (8.0)	2.500 (63.5)
GGA-2	250 kcmil-1str (50-120 mm ²)	2str-6sol (16-35 mm ²)	½-⅝" Rod 12-15 mm Rod	2str-6sol (16-35 mm ²)	#3-4 (#10-13)	.750 (19.1)	.750 (19.1)	1.660 (42.2)	1.090 (27.7)	.313 (8.0)	2.500 (63.5)
GGA-3	250 kcmil-2str (35-120 mm ²)	250 kcmil-2str (35-120 mm ²)	½-⅝" Rod 12-15 mm Rod	250 kcmil-2str (35-120 mm ²)	#3-4 (#10-13)	.750 (19.1)	.750 (19.1)	1.660 (42.2)	1.660 (42.2)	.500 (12.7)	2.500 (63.5)
GGA-4	500 kcmil- 250 kcmil (120-240 mm ²)	2str-6sol (16-35 mm ²)	⅝-¾" Rod 15-19 mm Rod	2str-6sol (16-35 mm ²)	#5-6 (#16-19)	.750 (19.1)	.750 (19.1)	2.090 (53.1)	1.090 (27.7)	.313 (8.0)	2.500 (63.5)

All imperial wire sizes, unless noted otherwise, are American Wire Gauge (AWG)
Tested to UL 467, UL File E34440

The GGA Series compression ground grid cross connector can be used to connect a copper ground grid system together or to connect a copper ground grid system to a copper clad ground rod. The GGA Series of compression connectors allow adjustment of each side of the connector prior to installation. The GGA Series of compression connectors are pre-filled with oxide inhibiting compound and are suitable for direct burial.

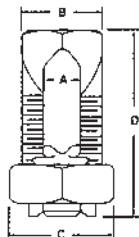
Notes:

1. nVent ILSICO ILC-12 or ILC-15 Series Tools and ILD Series Dies may be used.
Note: Adapter required when using ILC-15 Series Tool. Burndy tools and dies may also be used.
2. Perform a "pre-crimp" on ground rod prior to installing GGA connector.
Use an indent type of die such as ILD-Precrimp.
3. Each side of the GGA Series may be rotated around the rod to any desired position before crimping.

Part Number	nVent ILSICO Installation Tooling	
	ILC-12-N, ILC-12H-N, ILCB-12-N, ILC-15-H TB-12U1000-P, TM-12U1000, TR-12U1000 Die Index (No. of Crimps)	
	Side A	Side B
GGA-1	0 (1)	0 (1)
GGA-2	997 (1)	0 (1)
GGA-3	997 (1)	997 (1)
GGA-4	998 (1)	0 (1)
GGA-5	998 (1)	997 (1)
GGA-6	999 (1), 1011 (3)	999 (1), 1011 (3)

Copper Split Bolts

TYPE IK



Features

- Manufactured from high strength copper alloy
- Precision tooled threads
- RUS Accepted 10-50 mm² AWG
- For use with copper conductor types: Solid, Compact, Compressed, Concentric
- Suitable for use in circuits rated 35 KV or less, proper high voltage spacing and insulation techniques must be used
- Rated to 90°C

Benefits

- Provides maximum conductivity and high breakage resistance
- Allows maximum torque to be applied
- Suitable for direct burial in grounding applications
- Application versatility



Part Number	Range for Equal Tap & Main	Min. tap with One Max. Main	Max. Cond Copperweld		Rebar With 6 or 8 AWG	Wire Diameter	Dimensions				Recommended Torque (IN-LB)
			Str	Type A			A	B	C	D	
IK-10N	1.5-6 mm ²	1.5 mm ² str	–	–	N/A	1.45-3.18	3.2	8.7	12.7	18.3	80
IK-8N	1.5-10 mm ²	1.5 mm ² str	–	–	N/A	1.45-3.68	3.7	9.5	12.7	21.4	80
IK-6N	6-16 mm ²	1.5 mm ² sol	–	–	N/A	2.59-4.11	4.2	12.7	15.9	26.6	165
IK-4N	10-25 mm ²	1.5 mm ² sol	3 No. 12	8 A	N/A	3.25-5.18	5.5	14.3	17.5	26.6	165
IK-3N	16-35 mm ²	4 mm ² sol	3 No. 9	5 A	N/A	4.11-6.55	8.3	17.5	20.6	33.3	275
IK-2N	16-35 mm ²	2 mm ² str	3 No. 7	3 A	N/A	4.11-7.42	8.3	17.5	20.6	33.3	275
IK-1/0N	25-50 mm ²	2 mm ² sol	3 No. 6	2 A	N/A	5.18-9.53	9.6	19.1	22.2	41.7	385
IK-2/0N	35-70 mm ²	2 mm ² str	3 No. 5	–	#3 (¾)	6.55-10.62	10.0	20.6	25.4	46.0	385
IK-3/0N	35-70 mm ²	4 mm ² sol	7 No. 7	–	N/A	6.55-11.94	11.8	22.2	28.6	50.8	500
IK-250N	50-120 mm ²	6 mm ² sol	7 No. 5	–	#4 (½)	8.26-14.61	14.7	25.4	33.3	52.8	650
IK-350N	95-185 mm ²	10 mm ² sol	19 No. 7	–	#5 (⅝)	13.41-	18.9	38.1	41.3	66.7	650
IK-500N	120-240 mm ²	10 mm ² sol	19 No. 6	–	#6 (¾)	14.61-20.7	21.2	41.3	46.0	76.2	825

All wire sizes, unless noted otherwise, are Metric UL File E6207

SureCrimp Compression Connectors

COPPER COMPRESSION



- Accepts multiple conductor classes including fine stranded and building/code wire
- Chamfered wire entry for easy conductor insertion
- Color coded for easy die identification
- Ink marked location bands for accurate crimp positioning
- Electro-tin plated
- Manufactured from high-strength seamless copper tubing
- UL Listed and CSA Certified
- SureCrimp copper connectors are UL Listed with nVent ILSCO's and major competitors' compression tools
- UL 467 Listed for grounding and bonding: #8-#2 solid, 500 kcmil-8

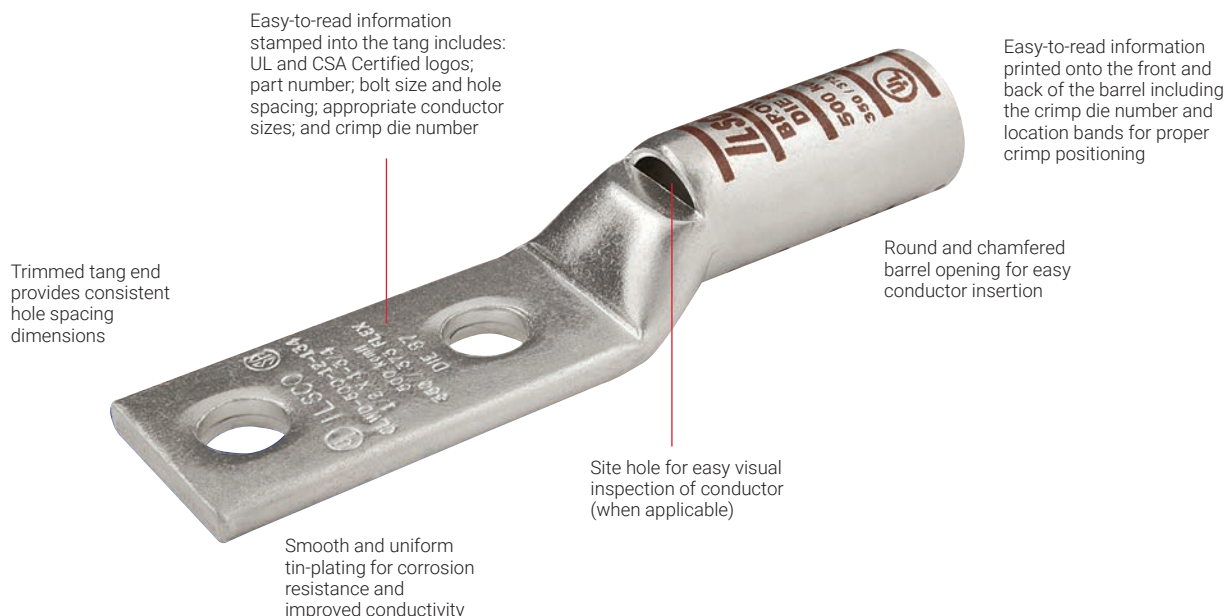
ALUMINUM COMPRESSION



- Chamfered wire entry for easy conductor insertion
- Color coded end caps for easy and accurate die identification
- Ink marking to provide permanent product identification and accurate crimp positioning
- Pre-filled with nVent ILSCO De-Ox oxide inhibiting compound
- Dual rated for Aluminum and Copper conductors
- UL Listed and CSA Certified
- SureCrimp aluminum connectors are UL Listed with nVent ILSCO's and major competitors' compression tools

OPTIMUM CRIMP DESIGN PROVIDES

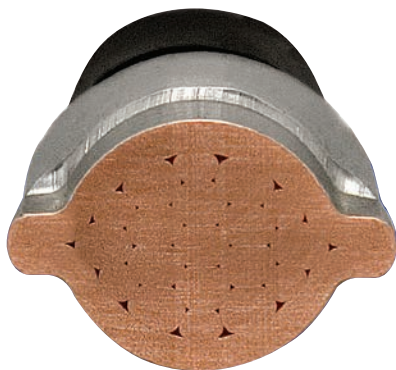
- Strong, long-lasting connection with tight crimp profile for greater pull-out strength
- Increased contact area reduces resistance
- Potential for flash eliminated



SureCrimp Dies

SURECRIMP DIES, PRODUCE STRONG AND DURABLE CIRCUMFERENTIAL CRIMPS

nVent ILSCO's dies are made out of corrosion resistant, hardened, aircraft grade stainless steel, for durability and long life. Inspecting connections is made easy by allowing you to match the die information on the connector with the embossed die number imprinted on the front and back of the applied crimp.



ILD-KIT-AL

Compression Die Kit for Aluminum SureCrimp Connectors, 15 Dies with Pelican Case

ILD-KIT-CU

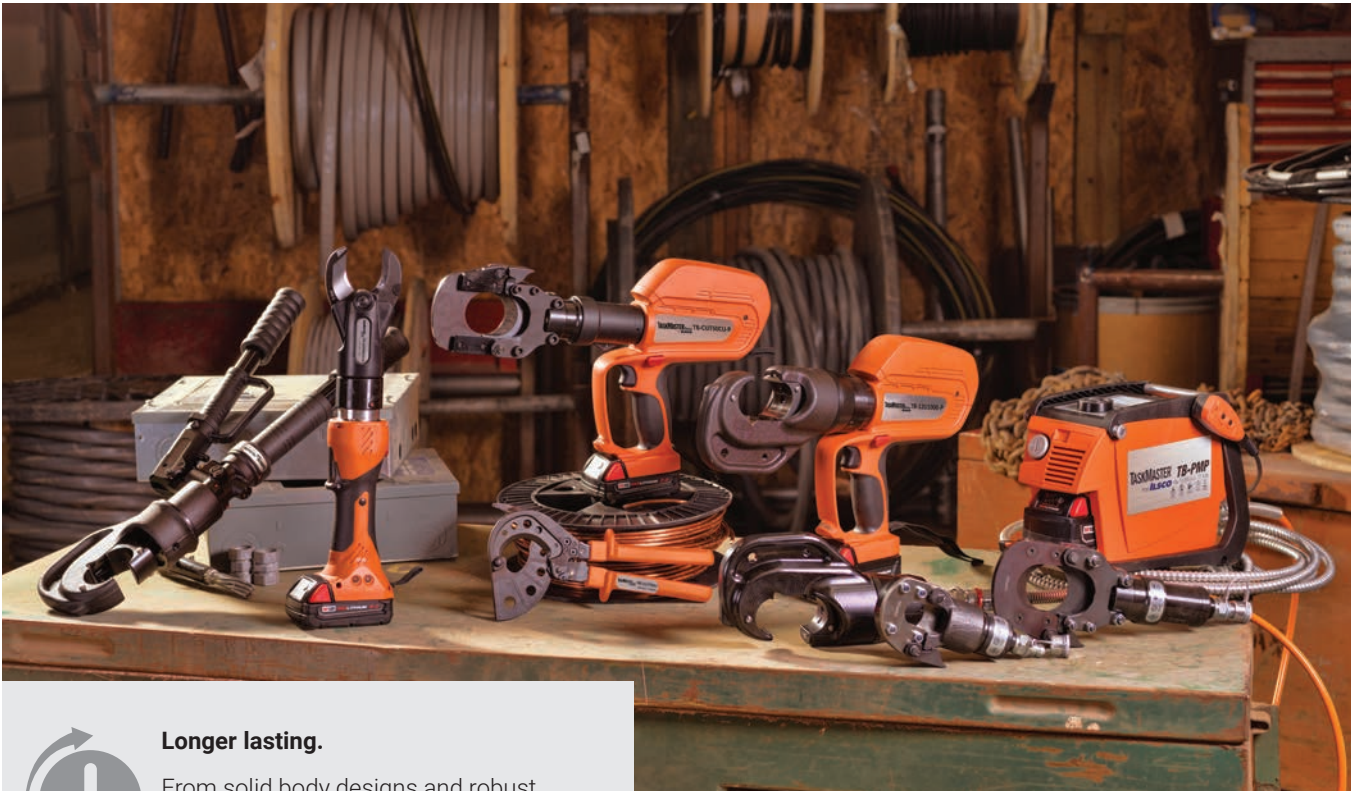
Compression Die Kit for Copper SureCrimp Connectors, 15 Dies with Pelican Case

Features	Benefits
Dies sold separately or in copper or aluminum kits	Durable construction produces a secure electrical connection on every crimp
Dies are made out of hardened stainless steel	Flexibility, compatibility, and UL compliance with other brands
Industry-leading compliance testing with nVent ILSCO and other brand's lugs	Produce cUL listed crimps with connections made with the U-dies, nVent ILSCO tool and nVent ILSCO connector



Wire Size	ILD-KIT-CU Includes	ILD-KIT-AL Includes
16 mm ²	ILD-24-1	ILD-346
22-25 mm ²	ILD-29-1	ILD-375
35 mm ²	ILD-33	ILD-348
40 mm ²	ILD-37	ILD-471
50 mm ²	ILD-42	ILD-296
70 mm ²	ILD-45	ILD-297
80 mm ²	ILD-50	ILD-467
92 mm ²	ILD-54	ILD-298
120 mm ²	ILD-62	ILD-324
150 mm ²	ILD-66	ILD-470
185 mm ²	ILD-71	ILD-299
200 mm ²	ILD-76	ILD-472
240 mm ²	ILD-87	ILD-300
300 mm ²	ILD-94	ILD-473
380 mm ²	ILD-106	ILD-936

TaskMaster Tools



Longer lasting.

From solid body designs and robust components to innovative features that protect from wear and extend life, TaskMaster tools have what it takes to hang tough, day after day – even on the long, hard jobs.



Minimal maintenance.

To maximize work time and your company's bottom line, nVent ILSCO TaskMaster tools are built to minimize maintenance time and costs. The durable components require fewer replacements and the life cycle between reconditionings is much longer. When maintenance is due, no-hassle servicing features make it fast and easy.



Harder working. Easier to use.

Ultra-durable nVent ILSCO TaskMaster cutters, crimpers and pumps are precisely engineered – and rigorously tested – to endure grueling use and harsh environments while delivering the power, speed, efficiency and ergonomics that make any job faster and easier. Rest assured, these rugged TaskMaster tools will provide outstanding performance with consistent results, so you can get every job done, right on time, for years to come.



TB-CUT Series

In-line Battery Powered Hydraulic Cutting Tool for building cable up to 750 kcmil CU, 1000 kcmil AL 18V Lithium, 3.3-Ton



TB-6W

6-Ton In-Line Battery Powered Hydraulic Crimping Tool for 500 kcmil - #8 CU, 350 kcmil - #8 AL, uses W-Type Application Dies 18V Lithium, 6-Ton



TB-12U1000-P

12-Ton Battery Powered Pistol Grip Hydraulic Crimping Tool for 1000 kcmil - #8 CU, 750 kcmil - #8 AL, uses U-Type Application Dies 18V Lithium, 12-Ton



TB-CUT25-P

Battery Powered Pistol Grip Hydraulic Cutting Tool for building cable, ACSR and Rebar 18V Lithium, 6-Ton

TaskMaster Tools



TB-6DF1000-P

6-Ton Battery Powered 4-Point Dieless Crimping Tool for 1000 kcmil - #8 CU, 750 kcmil - #8 AL 18V Lithium, 6-Ton



TB-PUMP

10,000 psi Battery Hydraulic Pump Kit. Includes Pump, Hose, Hand Switch, Couplings, (2) Batteries, Charger and Carry Bag.



TB-CUT65CU-PS

Battery Powered Pistol Grip Hydraulic Cutting Tool for building cable up to 1000 kcmil CU/AL 18V Lithium, 4.9-Ton



TR-12U1000

12-Ton Remote Hydraulic Crimping Head for 1000 kcmil - #8 CU, 750 kcmil - #8 AL, uses U-Type Application Dies. Remote Head for use with TB-PUMP



TB-C UT50CU-P

Battery Powered Pistol Grip Hydraulic Cutting Tool for building cable up to 1.9" dia. CU/AL 18V Lithium, 6.7-Ton



TR-6DF1000

6-Ton Remote Hydraulic Dieless Crimping Head for 1000 kcmil - #8 CU, 750 kcmil - #8 AL. Remote Head for use with TB-PUMP



TM-6DF1000

6-Ton Manual Hydraulic 4-Point Dieless Crimping Tool for 1000 kcmil - #8 CU, 750 kcmil - #8 AL Manual Hydraulic, 6-Ton



TR-CUT50CU

6.7-Ton Remote Hydraulic Cutting Head for building cable up to 1.9" dia. CU/AL Remote Head for use with TB-PUMP



TM-12U1000

12-Ton Manual Hydraulic Crimping Tool for 1000 kcmil - #8 CU, 750 kcmil - #8 AL Manual Hydraulic, 12-Ton



TR-CUT120CU

15-Ton Remote Hydraulic Cutting Head for building cable up to 4.5" dia. CU/AL. Remote Head for use with TB-PUMP



TRC-CUT750CU

Hand Ratchet Cutter for building cable 750 kcmil-#8 CU, up to 2" dia. AL

LD-KIT-PG Includes



ILD-C
ILD-D3
ILD-O
ILD-997
ILD-998
ILD-1011
ILD-BG
ILD-238
ILD-162
ILD-PRECRIMP

Nimbus4Flex Connectors

Fine Stranded Conductor

Range: 535.3 DLO to 14 AWG



IN-LINE AND OFFSET SPLICE

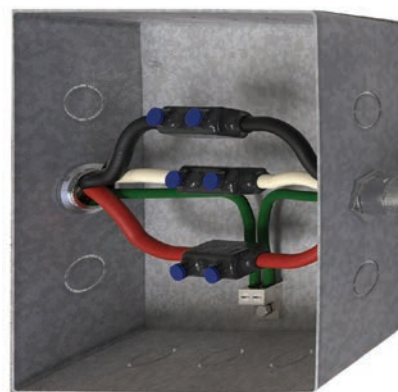
NEW nVent Nimbus4Flex connectors for fine stranded or code conductor. Our patented screw design with integrated locking washer improves vibration resistance, compresses the conductor without damage and eliminates the need for a ferrule. Nimbus is a Premium Choice for Professionals.

Any conductor to any conductor for mistake proof connections:

- Fine Stranded Copper to Code Conductor
- Fine Stranded Copper to Aluminum
- Copper to Aluminum

GREAT FOR RESIZING CONDUCTORS

Inline and offset splices for 9 different classes of code conductors, fine stranded copper conductors and aluminum conductors.



Tested to UL486 A/B
Patented screw design

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER



nVent.com