



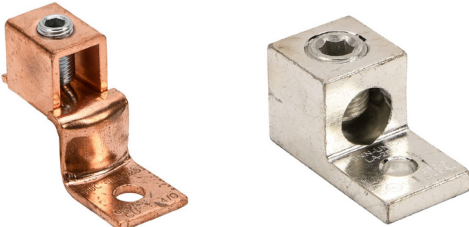
Mechanical Connectors

Mechanical Lugs Versus Compression Lugs Connector Comparison Chart

The variety of connectors available can be broken down into two general categories:

- Mechanical lugs
- Compression lugs

The following chart has been prepared in an effort to clarify the difference between these two categories.

Mechanical Lugs Versus Compression Lugs	
Mechanical Lugs	Compression Lugs
 <u>SLU-225-1</u> <u>LA-250-1</u>	 <u>BLU-1S-1</u> <u>BLU-035D-1</u> <u>BLUA-2S-1</u> <u>BBLU-040S-1</u>
Range taking and non-range taking. For pipe, cable, bar shapes etc.	Range taking and non-range taking. For cable conductors only.
Many designs are universal for copper and aluminum.	Separate designs required for aluminum, copper, or aluminum to copper.
Salvageable. Conductors can be removed and replaced if necessary. Wiring changes are easily made.	Not salvageable. Conductor and connector must be cut off and scrapped if necessary.
Short runs and specials easily handled by manufacturer with better delivery.	Non-standard designs and modifications may be difficult to supply.
Taping depends on design.	Easily taped.
Installed cost comparable on small jobs and higher on large volume jobs.	Installed cost generally lower, particularly when large quantities are involved.
No special tools to install. Can use screwdriver, pliers, or wrench.	Special tools and dies required. If wrong tool or die is used, poor joint results.

Agency Approvals			
LA and L2A series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
NA and NC series	cURus: ZMVV	Wire Connectors and Soldering Lugs - Component	
	cULus: KDER	Grounding and Bonding Equipment	
PB2, PB3, PB4 series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
SAS, SAU, SLS series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
	cULus: KDER	Grounding and Bonding Equipment	
SLU-125, -175, -225 series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
SLU-35, -70 series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
	cULus: KDER	Grounding and Bonding Equipment	
BBLU Series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
	CSA: Class 6223-02	Wire Connecting Devices - Wire Connectors	
	CSA: Class 4414-04	Fittings - Grounding and Bonding Equipment	Grounding up to 250 kcmil
BLU Series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
	cULus: KDER	Grounding and Bonding Equipment	Grounding up to 500 kcmil
	CSA: Class 6223-02	Wire Connecting Devices - Wire Connectors	
	CSA: Class 4414-04	Fittings - Grounding and Bonding Equipment	Grounding up to 500 kcmil
BLUA Series	cULus: ZMVV	Wire Connectors and Soldering Lugs	
	CSA: Class 6223-02	Wire Connecting Devices - Wire Connectors	
	CSA: Class 4414-04	Fittings - Grounding and Bonding Equipment	

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.



Mechanical Connectors

Lug Tongue Connections

The tongue of a compression or a mechanical lug functions as a bus bar that connects to another bus bar.

The illustration to the right shows a typical bar connection and the type of hardware used for installation.

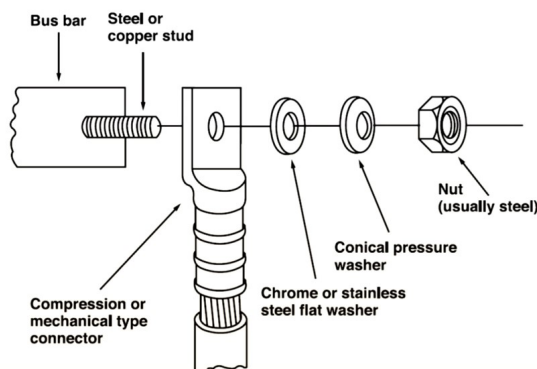


Table 1 to the right shows the recommended tightening torques for silicon bronze, stainless steel, galvanized steel, and lubricated aluminum alloy hardware.

NOTE: Torque values presently recommended by NEMA-CCI 2018 specifications.

Table 1 - Tightening Torques

Bolt Diameter	Nominal Torque Values			
	Silicon Bronze, Galvanized, or Stainless Steel		Aluminum Alloy (Lubricated)	
	ft • lbs	inch • lbs	ft • lbs	inch • lbs
1/4	7	80	–	–
5/16	15	180	–	–
3/8	20	240	14	168
1/2	40	480	25	300
5/8	55	660	40	480
3/4	87	1050	54	650

For optimum efficiency, the correct bolt, nut, and washer combination must be used with the appropriate conductor materials. Table 2 shows acceptable methods for joining different combinations of bus bar materials. When joining different metal combinations, a follow-up device such as a conical pressure washer is typically recommended if one or both bus materials are soft-drawn aluminum. If both bars are

hard-drawn, large flat washers are sufficient regardless of bolt material. Additional considerations when selecting hardware include corrosion resistance and vibration. For applications where severe corrosion is anticipated, non-corrosive materials such as stainless steel or silicon bronze should be selected over galvanized steel. If vibration is anticipated, locking washers should be used.

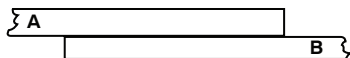


Table 2 - Joining Bus Bar Methods

If "A" bar is	Copper	Aluminum	Steel	Aluminum	Steel
And if "B" bar is	Copper	Copper	Copper	Aluminum	Aluminum
Hard Drawn Bus such as aluminum alloy 	(1) Silicon Bronze (2) Stainless Steel	(1) Silicon Bronze (2) Aluminum (3) Stainless Steel	(1) Silicon Bronze (2) Stainless Steel	(1) Aluminum (2) Stainless Steel (3) Silicon Bronze, Plated	(1) Aluminum (2) Stainless Steel
Soft Drawn Bus such as EC-H13 Aluminum 	(1) Silicon Bronze (2) Stainless Steel	(1) Silicon Bronze (2) Aluminum (3) Stainless Steel (4) Conical Pressure Washer (Plated or Stainless Steel)	(1) Silicon Bronze (2) Stainless Steel	(1) Aluminum (2) Stainless Steel (3) Silicon Bronze, Plated (4) Conical Pressure Washer (Plated or Stainless Steel)	(1) Aluminum (2) Stainless Steel (3) Conical Pressure Washer (Plated or Stainless Steel)

"(1)" denotes preferred hardware usage.



Mechanical Connectors

BBLU Series Long Barrel 1-Hole Tongue Copper Compression Lugs

Overview

Penn-Union BBLU series compression lugs are manufactured from high-grade materials and offer high conductivity with low resistance, while meeting or exceeding all industry standards. Featuring an extended barrel length for enhanced grip and deeper conductor insertion, the BBLU series provides added mechanical strength and greater pull-out resistance compared to standard barrel designs. Penn-Union BBLU compression connectors are certified to be installed using commonly available tools and do so without loss of agency certification. Penn-Union manufactures extremely dependable connectors at a low installed cost, and the BBLU series retains the full line's color-coding system, making inspections and certified installations much simpler — even in applications where a longer barrel is required for added reliability.

Features

- Rated for use with copper conductor
- Manufactured from high conductivity seamless copper tubing
- Tin-plated to inhibit corrosion
- Extended barrel length provides increased mechanical strength and greater pull-out resistance for added reliability in demanding applications
- Beveled entry for easy cable insertion
- Color-coded barrels are marked with die index numbers
- Connectors are suitable for voltages up to 35 kV
- Connectors are UL Listed and CSA Certified with Penn-Union, Burndy, T&B, Huskie, Greenlee and Versa-Crimp® style tooling. Versa-Crimp® is a registered trademark of HUBBELL Incorporated



BBLU-040S-1



AL9CU

BBLU Series Long Barrel 1-Hole Tongue Copper Compression Lugs

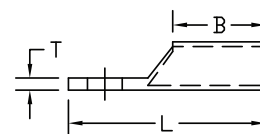
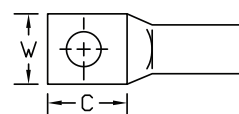
Part Number	Price	Conductor Material and Conductor Size	Stud Size	Die Color Code	Installation Tool	Wire Strip Length	Voltage Rating	Number of Openings	Number of Mounting Holes	Qty	Material
BBLU-1S7-1	\$6.00	Copper 1 AWG	1/4in	Green	TDM-250 or TDM-500	1-1/5in	35 kV	1	1	1	Tin-plated copper
BBLU-1S-1	\$6.00		5/16in								
BBLU-1S2-1	\$6.00		3/8in								
BBLU-1/0S-1	\$6.50	Copper 1/0 AWG	5/16in	Pink		1-5/8in					
BBLU-1/0S2-1	\$6.00		3/8in								
BBLU-2/0S-1	\$7.50	Copper 2/0 AWG	3/8in	Black							
BBLU-3/0S2-1	\$10.00	Copper 3/0 AWG	3/8in	Orange							
BBLU-3/0S-1	\$10.00		1/2in								
BBLU-4/0S-1	\$11.00	Copper 4/0 AWG	1/2in	Purple		TDM-500					
BBLU-025S-1	\$13.00	Copper 250 MCM	1/2in	Yellow							
BBLU-030S-1	\$15.00	Copper 300 MCM	1/2in	White							
BBLU-035S-1	\$16.00	Copper 350 MCM	1/2in	Red	2-1/4in						
BBLU-040S-1	\$19.50	Copper 400 MCM	5/8in	Blue							
BBLU-040S1-1	\$19.50		1/2in								
BBLU-050S-1	\$23.00	Copper 500 MCM	5/8in	Brown	2-3/8in						
BBLU-050S2-1	\$23.00		1/2in								



PennUnion™ Mechanical Connectors

BBLU Series Long Barrel 1-Hole Tongue Copper Compression Lugs

Dimensions							
Part Number	Stud Size	Approximate Dimensions in [mm]					
		W	C	T	B	L	Drawing Link
BBLU-1S7-1	1/4in	0.67 [17.02]	0.75 [19.05]	0.11 [2.80]	1.34 [34.04]	2.38 [60.45]	PDF
BBLU-1S-1	5/16in					2.36 [59.95]	PDF
BBLU-1S2-1	3/8in					2.38 [60.45]	PDF
BBLU-1/0S-1	5/16in	0.73 [18.54]	0.81 [20.58]	0.13 [3.30]	1.31 [33.27]	2.44 [61.97]	PDF
BBLU-1/0S2-1	3/8in		0.75 [19.05]		1.34 [34.04]		PDF
BBLU-2/0S-1	3/8in	0.81 [20.58]	0.87 [22.09]		1.50 [38.10]	2.72 [69.09]	PDF
BBLU-3/0S2-1	3/8in	0.89 [22.60]	1.25 [31.75]	0.12 [3.05]		3.12 [79.25]	PDF
BBLU-3/0S-1	1/2in			0.13 [3.30]			PDF
BBLU-4/0S-1	1/2in	1.00 [25.40]		0.14 [3.56]	1.63 [41.40]	3.31 [84.07]	PDF
BBLU-025S-1	1/2in	1.09 [27.68]		0.16 [4.06]		3.38 [85.85]	PDF
BBLU-030S-1	1/2in	1.19 [30.23]			2.00 [50.80]	3.81 [96.77]	PDF
BBLU-035S-1	1/2in	1.28 [32.51]		0.17 [4.31]		3.84 [97.54]	PDF
BBLU-040S-1	5/8in	1.39 [35.30]	1.50 [38.10]	0.19 [4.83]	2.13 [54.10]	4.31 [109.47]	PDF
BBLU-040S1-1	1/2in		1.25 [31.75]			4.06 [103.12]	PDF
BBLU-050S-1	5/8in	1.53 [38.86]	1.47 [37.33]	0.21 [5.33]	2.31 [58.67]	4.56 [115.82]	PDF
BBLU-050S2-1	1/2in						PDF





Mechanical Connectors

BBLU Series Long Barrel 2-Hole Tongue Copper Compression Lugs

Overview

Penn-Union BBLU 2-hole tongue series compression lugs are made from high-grade materials, delivering high conductivity and low resistance while meeting or exceeding industry standards. The extended barrel provides enhanced grip, deeper conductor insertion, and greater pull-out resistance compared to standard designs, while the dual-hole tongue ensures a rigid, vibration-resistant termination. Compatible with commonly available tools without loss of agency certification, the BBLU series offers dependable performance at a low installed cost. Retained color-coding across the full line simplifies inspections and certified installations — even where a longer barrel and dual-hole tongue are required.

Features

- Rated for use with copper conductor
- Manufactured from high conductivity seamless copper tubing
- Tin-plated to inhibit corrosion
- Extended barrel length provides increased mechanical strength and greater pull-out resistance for added reliability in demanding applications
- Beveled entry for easy cable insertion
- Color-coded barrels are marked with die index numbers
- Connectors are suitable for voltages up to 35 kV
- Connectors are UL Listed and CSA Certified with Penn-Union, Burndy, T&B, Huskie, Greenlee and Versa-Crimp® style tooling. Versa-Crimp® is a registered trademark of HUBBELL Incorporated



BBLU-030D-1



AL9CU

BBLU Series Long Barrel 2-Hole Tongue Copper Compression Lugs

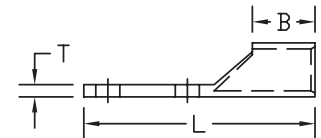
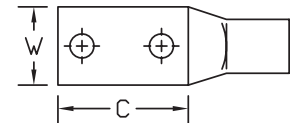
Part Number	Price	Conductor Material and Conductor Size	Stud Size	Stud Hole Spacing	Die Color Code	Installation Tool	Wire Strip Length	Voltage Rating	Number of Openings	Number of Mounting Holes	Qty	Material
BBLU-8D-2TC14-1	\$6.00	Copper 8 AWG	1/4in	0.63in	Red	TDM-250 or TDM-500	1in	35 kV	1	2	1	Tin-plated copper
BBLU-8D-2TC14E2-1	\$6.00			0.75in			1-3/16in					
BBLU-6D-2TC14-1	\$6.00	Copper 6 AWG		0.63in	Blue		1-1/4in					
BBLU-4D-2TC38-1	\$7.00	Copper 4 AWG	3/8in	1in	Gray		1-5/16in					
BBLU-2D-2TC14-1	\$9.00	Copper 2 AWG	1/4in	0.63in	Brown							
BBLU-2D-2TC38-1	\$9.00		3/8in	1in								
BBLU-1D-1	\$9.50	Copper 1 AWG	5/16in	0.88in	Green		1-1/2in					
BBLU-1D-2TC14-1	\$10.00		1/4in	0.63in								
BBLU-1/0D-2TC14-1	\$11.00	Copper 1/0 AWG	1/4in	0.63in	Pink							
BBLU-1/0D-2TC38-1	\$15.00		3/8in	1in								
BBLU-1/0D3-1	\$12.50		1/2in	1.75in								
BBLU-2/0D-2TC38-1	\$12.50	Copper 2/0 AWG	3/8in	1in	Black		1-5/8in					
BBLU-2/0D-1	\$12.50		1/2in	1.75in								
BBLU-3/0D-2TC38-1	\$13.50	Copper 3/0 AWG	3/8in	1in	Orange							
BBLU-3/0D-1	\$14.00		1/2in	1.75in								
BBLU-4/0D-2TC38-1	\$15.50	Copper 4/0 AWG	3/8in	1in	Purple		1-3/4in					
BBLU-4/0D-1	\$16.50		1/2in	1.75in								
BBLU-025D-2TC38-1	\$17.00	Copper 250 MCM	3/8in	1in	Yellow							
BBLU-025D-1	\$17.00		1/2in	1.75in								
BBLU-030D-2TC38-1	\$21.00	Copper 300 MCM	3/8in	1in	White	2-1/8in						
BBLU-030D-1	\$21.00		1/2in	1.75in								
BBLU-035D-2TC38-1	\$22.00	Copper 350 MCM	3/8in	1in	Red							
BBLU-035D-1	\$22.00		1/2in	1.75in								
BBLU-040D-2TC38-1	\$25.00	Copper 400 MCM	3/8in	1in	Blue	2-1/4in						
BBLU-040D-1	\$26.00		1/2in	1.75in								
BBLU-050D-2TC38-1	\$31.00	Copper 500 MCM	3/8in	1in	Brown	2-3/8in						
BBLU-050D-1	\$31.00		1/2in	1.75in								



Mechanical Connectors

BBLU Series Long Barrel 2-Hole Tongue Copper Compression Lugs

Dimensions								
Part Number	Stud Size	Approximate Dimensions in [mm]						
		W	C	T	B	L	Drawing Link	
BBLU-8D-2TC14-1	1/4in	0.41 [10.41]	1.22 [30.99]	0.08 [2.03]	0.94 [23.88]	2.44 [61.97]	PDF	
BBLU-8D-2TC14E2-1	1/4in		1.36 [34.54]			2.58 [65.53]	PDF	
BBLU-6D-2TC14-1	1/4in		1.22 [30.99]	0.09 [2.29]	1.13 [28.70]	2.60 [66.04]	PDF	
BBLU-4D-2TC38-1	3/8in	0.61 [15.49]	1.81 [45.97]	0.08 [2.03]		3.21 [81.53]	PDF	
BBLU-2D-2TC14-1	1/4in	0.59 [14.99]	1.22 [30.99]	0.11 [2.80]	1.25 [31.75]	2.75 [69.85]	PDF	
BBLU-2D-2TC38-1	3/8in		1.83 [46.48]			3.36 [85.34]	PDF	
BBLU-1D-1	5/16in	0.67 [17.02]	1.63 [41.40]			1.38 [35.05]	3.38 [85.85]	PDF
BBLU-1D-2TC14-1	1/4in		1.22 [30.99]	0.10 [2.54]	2.94 [74.68]		PDF	
BBLU-1/0D-2TC14-1	1/4in	0.74 [18.80]		0.11 [2.80]			PDF	
BBLU-1/0D-2TC38-1	3/8in		1.83 [46.48]		3.55 [90.17]		PDF	
BBLU-1/0D3-1	1/2in	0.81 [20.58]	3.00 [76.20]	0.10 [2.54]	4.63 [117.60]		PDF	
BBLU-2/0D-2TC38-1	3/8in	0.82 [20.83]	1.83 [46.48]	0.12 [3.05]	1.50 [38.10]	3.67 [93.21]	PDF	
BBLU-2/0D-1	1/2in		3.00 [76.20]			4.84 [122.94]	PDF	
BBLU-3/0D-2TC38-1	3/8in	0.89 [22.60]	1.83 [46.48]	0.13 [3.30]		3.74 [95.00]	PDF	
BBLU-3/0D-1	1/2in		3.00 [76.20]			4.91 [124.71]	PDF	
BBLU-4/0D-2TC38-1	3/8in	1.00 [25.4]	1.83 [46.48]	0.14 [3.56]	1.63 [41.40]	3.93 [99.82]	PDF	
BBLU-4/0D-1	1/2in		3.00 [76.20]			5.10 [129.54]	PDF	
BBLU-025D-2TC38-1	3/8in	1.09 [27.68]	1.83 [46.48]	0.16 [4.06]		4.05 [102.88]	PDF	
BBLU-025D-1	1/2in		3.00 [76.20]			5.13 [130.30]	PDF	
BBLU-030D-2TC38-1	3/8in	1.19 [30.23]	1.83 [46.48]	2.00 [50.80]		4.42 [112.27]	PDF	
BBLU-030D-1	1/2in		3.00 [76.20]			5.59 [141.99]	PDF	
BBLU-035D-2TC38-1	3/8in	1.28 [32.51]	1.83 [46.48]			0.17 [4.31]	4.02 [102.10]	PDF
BBLU-035D-1	1/2in		3.00 [76.20]				4.49 [114.05]	PDF
BBLU-040D-2TC38-1	3/8in	1.39 [35.30]	1.83 [46.48]	0.19 [4.83]	2.13 [54.10]	4.62 [117.35]	PDF	
BBLU-040D-1	1/2in		3.00 [76.20]			5.79 [147.07]	PDF	
BBLU-050D-2TC38-1	3/8in	1.53 [38.86]	1.83 [46.48]	0.21 [5.33]	2.25 [57.15]	4.86 [123.44]	PDF	
BBLU-050D-1	1/2in		3.00 [76.20]			6.03 [153.16]	PDF	





Mechanical Connectors

Standard Installation Instructions for Copper Compression Lugs BBLU Series

Of all the methods used to make electrical connections, compression of the connector onto the cable with some type of compression tool is considered by most installers to be the most permanent of the common connection methods.

To maintain Underwriters Laboratories Listing (UL) or Canadian Standards Association certification (CSA) for a completed compression connection, it is necessary to use the installation tools and installation methods which have been qualified for the connectors by those organizations during the listing/certification processes.

This information is supplied by Penn-Union in the form of an insert/stuffer sheet, available in the packaging of each part number.

Information Found in the Penn-Union Inserts

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Insert Page 1

1	UL and CSA Wire Connectors, based on UL 486A-486B
2	List of part numbers covered by insert
3	List of cables that can be used with lug series
4	Stripping length per lug series
5	DIE color code (indicated on the lug)
6	Tools that retain UL and CSA Wire Connector ratings
7	List of additional related crimping tools and associated notes
8	Instructions on how to crimp the connector
9	Representative image of crimp locations on the connector barrel
10	UL and CSA rating not kept when used with these IlSCO/Rigid tools.

Insert Page 2

Insert Page 2	
11	Connector Series
12	Versa-Crimp ® tool wire range
13	Versa-Crimp, connector types per tool type and number of crimps
14	Number of crimps: For Example 2 = two crimps on the barrel
15	O'LAP = number of crimps that overlap. i.e. 3 O'LAP, three crimps overlap.

COPPER CONNECTOR COLD NUMBER FOR TDS	VERSA-CRIMP® TOOL NUMBER FOR TDS	WIRE RANGE AWG OR MCM STRANDED COPPER	PENN ION COOPER CONNECTORS FOR USE WITH VERSA-CRIMP® INSTALLATION TOOLING. (NUMBER OF REQUIRED CRIMPS PER CONNECTION BY CONNECTOR & TOOL COMBINATIONS)										UL® CSUR PRODUCTS	
BLU BLK BLU/LBK BLK/LB	BLU BLK BLU/LBK BLK/LB	VCB-350	VC6-500-BP	VC6-3	VC6-FT	VC7	VC7-FT	VC8C						
"BLU" "BLK"	BLU/LBK BLK/LB	"BLU" "BLK"	BLU/LBK BLK/LB	"BLU" "BLK"	BLU/LBK BLK/LB	"BLU" "BLK"	BLU/LBK BLK/LB	"BLU" "BLK"	BLU/LBK BLK/LB	"BLU" "BLK"	BLU/LBK BLK/LB			
-6	#4	1	2	-	-	-	-	-	-	-	-			
-8	#4	1	2	-	-	-	-	-	-	-	-			
-10	#6-#12	1	2	1	2 O'LAP	1	1	2	-	-	-			
-1	-	1	3	1	1	2	1	2	-	-	-			
-1/0	12	1	3	1	1	2	1	2	-	-	-			
-2	#4-#20	1	3	1	2	1	2	1	2	-	-			
-3/0	#2-3/0	2	3	2 O'LAP	2	2	2	2	2	-	-			
-4/0	#1-4/0	2	3	2 O'LAP	2	2	2	2	2	-	-			
-025	1/0-250	2	3	2 O'LAP	2	2	2	2	2	-	-			
-030	2/0-300	2	4	2 O'LAP	3	2	3	2	3	-	-			
-035	3/0-350	-	3 O'LAP	5	2 O'LAP	3	2	3	-	-	-			
-040	4/0-400	-	3 O'LAP	6	2 O'LAP	3	2	3	-	-	-			
-050	4/0-500	-	4 O'LAP	6	2	4 O'LAP	2	4	2	4	1			
-060	250-600	-	-	-	-	-	2	4	-	-	1			
-075	500-750	-	-	-	3 O'LAP	4 O'LAP	-	-	3	4	2 O'LAP			
-080	500-800	-	-	-	-	-	-	-	-	-	2 O'LAP			
-100	750-1000	-	-	-	-	-	-	-	-	-	2			
-150	1000-1500	-	-	-	-	-	-	-	-	-	2			
* NOTE: BUR REDUCES SPICES REQUIRE DIFFERENT CRIMP TOOLING AND DIES ON EACH END TO REDUCING CAPABILITY.														
"A" VC6-350 RELATED TOOLS: "A" VC6-350R "A" VC6-350AN "A" VC6-350SR "A" VC6-500-BP REELED TOOLS: NONE			"A" VC6-3 RELATED TOOLS: "F" TPUG "F" EP430A "F" TPUG4B "A" VC6-3 "A" VC6-3BP			"A" VC6-FT RELATED TOOLS: "F" REC-6630 "F" REC-6630A "A" VCBR "F" EP-630HA "F" REC-750			"A" VC7 RELATED TOOLS: "F" VC7R "A" VC7-FT REELED TOOLS: "A" VC7HTR			"A" VC8C RELATED TOOLS: NONE		
TOOL SUMMARY REPRESENTATIVE TOOL AND RELATED TOOLS = "F" = PENN-ION, "A" = ANDERSON, "H" = HUSKIE														
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REBRAND BY ROSS 2/23/07														
981-5956-01														



Mechanical Connectors

Hand-Operated Crimp Tools

Overview

The hand-operated crimp tools are designed for easy use especially in confined spaces and bench top use. The unique telescopic handle design (TDM) provides increased leverage when needed. The TDM series crimp tools are designed to make the perfect crimp every time using the BLU, BLUA, and BBLU series compression lugs.

Features

- Dieless — no dies to buy or lose
- Compression connectors are UL listed and CSA certified when installed in accordance with manufacturer's installation instructions
- Quality durable steel
- Easily adjustable tool settings
- Easy-to-read settings are provided on calibrated index plates, one for AL and one for CU, located on the side of the tool
- Small head is convenient in confined areas

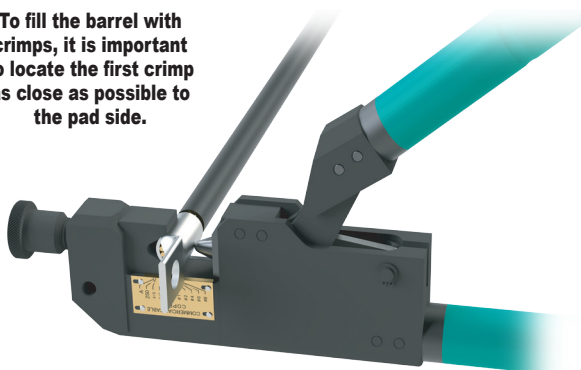


TDM-250

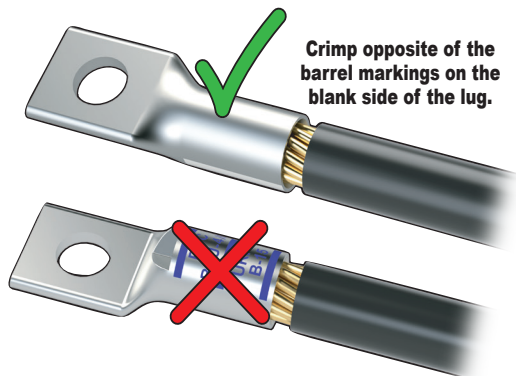
Hand-Operated Crimp Tools								
Part Number	Price	Qty	Type	Crimp Profile	Wire Range	Overall Length	Weight	Material
TDM-250	\$429.00	1	Telescopic handle with rubberized non-slip grip	Indent	8 AWG-250 MCM copper and 8-4 AWG aluminum	26.0in [660mm]	9.5 lb	Steel
TDM-500	\$602.00				8 AWG-500 MCM copper and aluminum	27.4in [696mm]	9.9 lb	

Crimp Tools Instructions

To fill the barrel with crimps, it is important to locate the first crimp as close as possible to the pad side.



Crimp opposite of the barrel markings on the blank side of the lug.



To avoid damaging the connector and wire, never locate the last crimp hanging off the edge of the lug.

