

## Aluminum and coppertop compression connector crimp chart

**Table 1. Crimping Tools and Dies Recommended for BOL-T™, BT-TAP™, T-OP™ II and PUSH-OP™ Connector Systems**

Connector Outer Diameter	Connector Size (AWG or kcmil)		BURNDY®				Kearney™		ACA Conductor Accessories (ALCOA)				GREENLEE®
	Concentric or Compressed	Compact or Solid	Tool Y35	Tool Y45L	Tool Y46	Tool Y48B	Tool WH2, WH3, WH4, PH13	Tool H-25	Tool 12A, 12AH	Tool 60A	Tool F1, H, H2, H2H	Tool 100A	Tool 44999, Dieless Crimping Press
			Die	Die	Die	Die	Die	Die	Die	Die	Die	Die	
0.850	#2	#1											Dieless
	#1	1/0											
	1/0	2/0	U28ART (3)	*U28ART (3)	**U28ART (3)		840 (4)		B74H B39EA				
	2/0	3/0											
	3/0	4/0											
1.15	4/0	250											Dieless
		300	U31ART (2)	*U31ART (2)	**U31ART (2)	C31AR (1)	1-1/8-2 (3)		B13AH B80EA				
		350											
1.32		400											Dieless
		450											
		500	U34ART (4)	*U34ART (4)	**U34ART (4)	C34AR (2)	1-5/16 (3)	1-5/16 (3)	B20AH				
		600											
		650, 700	750, 800					1-5/16-H (3)	1-5/16-H (3)	14AH	6020AH	4420AH	
1.62	700, 750	900	—	S39ART S40ART (5)	P39ART P40ART (5)	C39AR C40AR (5)		1-1/2 (2)		6024AH	4424AH	10024AH	Dieless
1.84	900	1000		S44ART (5)	P44ART (5)	C44AR (5)		1-3/4 (2)		6030AH	4430AH	1003AH	Dieless
	1000	—											
	1250	—											


\* Requires Adapter No. 6515  
\*\* Requires Adapter No. PUADP-1

These are Crimp Recommendations ONLY. For complete assembly instructions, see Installation Instructions included with mating components parts.

### Install Compression Connector

- Wire brush conductor.
- Remove protective cap from compression connector.
- Insert conductor completely into compression connector and rotate connector to distribute inhibitor.

- Align flats of compression connector and apparatus bushing for minimum conductor strain.
- Make first crimp 1/2 inch (13 mm) below shoulder of compression connector.
- Rotate each successive crimp 90° on the compression connector.
- Utilize as many crimps as die width will allow without overlapping.
- Smooth any sharp edges or burrs on the crimped connector surface.
- Clean excess inhibitor from cable insulation and connector using a lint-free cloth.

 **Read equipment manufacturer's manual before using this product. Failure to do so can result in death, severe personal injury, and equipment damage.**

G170.0



**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

**Eaton's Cooper Power Systems  
Business**  
2300 Badger Drive  
Waukesha, WI 53188  
United States  
cooperpower.com

© 2014 Eaton  
All Rights Reserved  
Printed in USA  
Publication No. S600-001-1 Rev 3  
(Supersedes S6000011 Rev 2)

Eaton, Cooper Power Systems, BOLT, TOP, PUSH-OP, and Kearney are valuable trademarks of Eaton in the U.S. and other countries. You are not permitted to use these trademarks without the prior written consent of Eaton.

ACA Conductor Accessories is a division of AFL Telecommunications LLC  
Burndy® is a registered trademark of FCI.  
GREENLEE® is a registered trademark of Textron Inc.