



# VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VCEL

- For use with either VERSA-CRIMP® or conventional compression tools
- For size-for-size replacements for original equipment set screw mechanical lugs, when recommended by the equipment manufacturer.
- UL listed for both concentric and compact aluminum and concentric copper conductor
- Meets ANSI C119.4 Class A performance on aluminum concentric conductor
- Color coded end plugs for easy die selection (see page DF-15).

**Material:** Body – Aluminum Alloy-Tin Plated  
Factory Inhibited

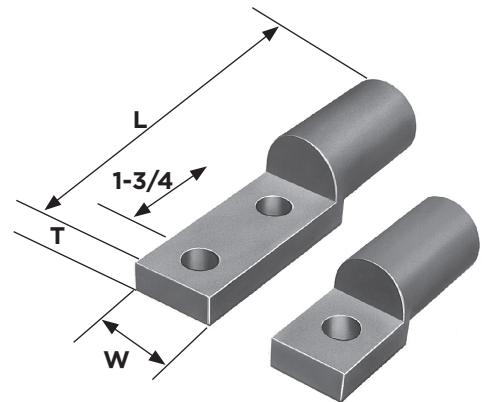


FIG. 2

FIG. 1

AL9CU (90° RATED)

## Product Data & Conductor Size

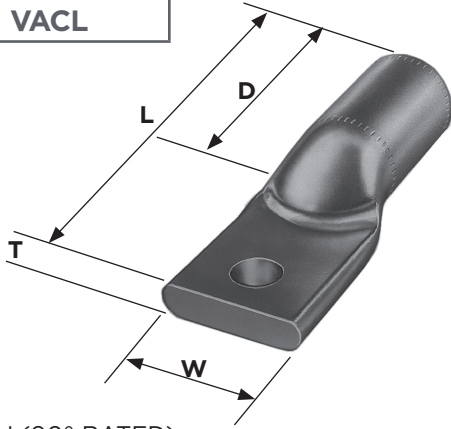
CATALOG NUMBER	FIG. NO.	ALUMINUM OR COPPER CONDUCTOR		VERSA-CRIMP TOOL TYPE	PAD BOLT DIA.	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG)	I.D. INCHES (MM)
		CONVENTIONAL TOOLING RANGE	VERSA-CRIMP® SYSTEM RANGE			L	W	T		
VCELO2114S1	1			VC6 (ALL)	1/4	1-3/4 (44.5)	39/64 (15.2)	1/4 (6.4)	.03 (.01)	.403 (10.2)
VCELO21516H1	1	1/0 Str. Al/Cu	#8–1/0 Str. Al/Cu		5/16	1-3/4 (44.5)	39/64 (15.2)	1/4 (6.4)	.03 (.01)	.403 (10.2)
VCELO2138H1	1				3/8	1-27/32 (46.7)	11/16 (17.5)	11/64 (4.4)	.03 (.01)	.403 (10.2)
VCELO22516H1	1	2/0 Str. Al/Cu	#1–2/0 Str. Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.12 (.05)	.453 (11.5)
VCELO2238H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.12 (.05)	.453 (11.5)
VCELO24516H1	1	4/0 Str. Al/Cu	2/0–4/0 Str. Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.11 (.05)	.562 (14.3)
VCELO2438H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.11 (.05)	.562 (14.3)
VCELO30516H1	1	300 MCM Al/Cu	#4–300 MCM Al/Cu		5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.656 (16.7)
VCELO3038H1	1				3/8	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.656 (16.7)
VCELO35516H1	1	350 MCM Al/Cu	250–350 MCM Al/Cu		VC63 VC6FT	5/16	2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)
VCELO3538H1	1			3/8		2-17/64 (57.4)	1 (25.4)	9/32 (7.1)	.10 (.04)	.711 (18.1)
VCELO5038H1	1	500 MCM Al/Cu	2/0–500 MCM Al/Cu	3/8		3-13/32 (86.4)	1-3/16 (30.2)	1/2 (12.7)	.20 (.09)	.844 (21.4)
VCELO5012H1	1			1/2		3-13/32 (86.4)	1-3/16 (30.2)	1/2 (12.7)	.20 (.09)	.844 (21.4)
VCELO5012H2	2	500 MCM Al/Cu	2/0–500 MCM Al/Cu	1/2		5-3/64 (128.0)	1-3/16 (30.2)	1/2 (12.7)	.30 (.13)	.928 (23.6)
VCELO6012H1	1	600 MCM Al	400–600–MCM Al 400–500 MCM Cu	VC6FT		1/2	3-21/32 (92.7)	1-5/16 (33.0)	1/2 (12.7)	.28 (.13)
VCELO6012H2	2	600 MCM Al	400–600–MCM Al 400–500 MCM Cu		1/2	5-9/32 (134.4)	1-5/16 (33.0)	1/2 (12.7)	.40 (.18)	.928 (23.6)
VCELO7512H1	1	750 MCM Al	500–750–MCM Al 500 MCM Cu		1/2	3-21/32 (92.7)	1-5/16 (33.0)	1/2 (12.7)	.25 (.11)	1.031 (26.2)
VCELO7512H2	2	750 MCM Al	500–750–MCM Al 500 MCM Cu		1/2	5-9/32 (134.4)	1-5/16 (33.0)	1/2 (12.7)	.36 (.16)	1.031 (26.2)

HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 KV subject to manufacturers' limitations for insulation material. For further information, contact factory.



# VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VACL

ALUMINUM  
VACL



- For use with either VERSA-CRIMP® or conventional compression tools.
- UL listed for aluminum or copper conductors.
- Factory inhibited
- Color coded end plugs for easy die selection (see page DF-16 and DF-17).

**Material:** Body – Aluminum Alloy-Tin Plated



LISTED  
261L



AL9CU (90° RATED)

## Product Data & Conductor Size

CATALOG NUMBER	NO. PAD HOLES	ALUMINUM OR COPPER CONDUCTOR		VERSA-CRIMP TOOL TYPE	PAD BOLT DIA.	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)	I.D. INCHES (MM)
		CONVENTIONAL TOOLING RANGE	VERSA-CRIMP® SYSTEM RANGE			L	D	W	T		
VACL414	1	#4 Str. Al/Cu	#4 Str. Al/Cu	VC6350	1/4	2-5/16 (58.7)	1 (25.4)	13/16 (20.6)	1/8 (3.2)	.02 (.01)	.252 (6.4)
VACL438	1				3/8	2-5/16 (58.7)	1 (25.4)	13/16 (20.6)	1/8 (3.2)	.02 (.01)	.252 (6.4)
VACL214	1	#2 Str. Al/Cu	#6–#2 Str. Al/Cu	VC6 (ALL)	1/4	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL2516	1				5/16	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL238	1				3/8	2-1/2 (63.5)	1-1/8 (28.4)	7/8 (22.2)	3/16 (4.8)	.04 (.02)	.312 (7.9)
VACL1516	1	#1 Str. Al/Cu	#4–#1 Str. Al/Cu		5/16	2-3/4 (69.9)	1-1/8 (28.4)	3/4 (19.0)	3/16 (4.8)	.05 (.02)	.350 (8.9)
VACL138	1				3/8	2-3/4 (69.9)	1-1/8 (28.4)	3/4 (19.0)	3/16 (4.8)	.05 (.02)	.350 (8.9)
VACL1038	1	1/0 Str. Al/Cu	#8–1/0 Str. Al/Cu		3/8	2-15/16 (74.6)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL1012	1				1/2	3-1/8 (79.4)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL1012BN	2				1/2	4-7/8 (128.8)	1-5/16 (33.3)	13/16 (20.6)	3/16 (4.8)	.05 (.02)	.393 (10.0)
VACL2038	1	2/0 Str. Al/Cu	#4–2/0 Str. Al/Cu		3/8	2-15/16 (74.6)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.07 (.03)	.450 (11.4)
VACL2012	1				1/2	3-1/8 (79.4)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.07 (.03)	.450 (11.4)
VACL2012BN	2				1/2	4-7/8 (128.8)	1-5/16 (33.3)	15/16 (23.8)	1/4 (6.3)	.12 (.05)	.450 (11.4)

Continued on next page.

HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 KV subject to manufacturers' limitations for insulation material.

DF  
2



# TYPE VACL ALUMINUM COMPRESSION TERMINAL (CONTINUED)

## Product Data & Conductor Size

CATALOG NUMBER	NO. PAD HOLES	ALUMINUM OR COPPER CONDUCTOR		VERSA-CRIMP TOOL TYPE	PAD BOLT DIA.	DIMENSIONS INCHES (MM)				APPROX. WT. EACH LBS. (KG)	I.D. INCHES (MM)
		CONVENTIONAL TOOLING RANGE	VERSA-CRIMP® SYSTEM RANGE			L	D	W	T		
VACL3038	1	3/0 Str. Al/Cu	#4—3/0 Str. Al/Cu	VC6 (ALL)	3/8	3 (76.2)	1-5/16 (33.3)	1-1/16 (26.99)	1/4 (6.3)	.10 (.04)	.502 (12.8)
VACL3012	1				1/2	3-3/16 (81.0)				.10 (.04)	.502 (12.8)
VACL3012BN	2				1/2	4-15/16 (125.4)				.16 (.07)	.502 (12.8)
VACL4038	1	4/0 Str. Al/Cu	#2—4/0 Str. Al/Cu		3/8	3-15/16 (84.1)	1-1/2 (38.1)	1-1/4 (31.7)	1/4 (6.3)	.13 (.06)	.562 (14.3)
VACL4012	1				1/2	3-1/2 (88.9)				.13 (.06)	.562 (14.3)
VACL4012BN	2				1/2	5-1/4 (133.3)				.20 (.09)	.562 (14.3)
VACL25012	1	250 MCM Al/Cu	1/0—250 MCM Al/Cu		1/2	3-9/16 (90.5)	1-1/2 (38.1)	1-1/4 (31.7)	5/16 (7.9)	.16 (.07)	.605 (15.4)
VACL25012BN	2				1/2	5-5/16 (134.9)				.25 (.11)	.605 (15.4)
VACL30012	1	300 MCM Al/Cu	1/0—300 MCM Al/Cu		1/2	3-3/4 (95.2)	1-1/2 (38.1)	1-3/8 (34.9)	3/8 (9.5)	.19 (.09)	.660 (16.8)
VACL30012BN	2				1/2	5-1/2 (139.7)				.31 (.14)	.670 (17.0)
VACL35012	1	350 MCM Al/Cu	2/0—350 MCM Al/Cu	1/2	4-1/16 (103.2)	1-5/8 (41.3)	1-1/2 (38.1)	3/8 (9.5)	.31 (.14)	.711 (18.1)	
VACL35012BN	2			1/2	5-13/16 (147.6)				.36 (.16)	.711 (18.1)	
VACL40012BN	2	400 MCM Al/Cu	3/0—400 MCM Al/Cu	VC63 VC6FT	1/2	6 (152.4)	1-13/16 (46.0)	1-5/8 (41.3)	7/16 (11.1)	.45 (.20)	.758 (19.3)
VACL50012	1	500 MCM Al/Cu	4/0—500 MCM Al/Cu	1/2	4-11/16 (119.0)	2-5/16 (58.7)	1-11/16 (42.9)	3/8 (9.5)	.44 (.20)	.843 (21.4)	
VACL50012BN	2			1/2	6-7/16 (163.5)				.62 (.28)	.843 (21.4)	
VACL60012BN	2	600 MCM Al	350—600 MCM Al 350-500 MCM Cu	VC6FT VC8	1/2	7-1/8 (180.98)	2-5/16 (74.6)	1-7/8 (47.7)	7/16 (11.1)	.72 (.33)	.923 (23.4)
VACL75012	1	750 MCM Al	500—750 MCM Al 500 MCM Cu		1/2	5-3/8 (136.52)	2-5/16 (74.6)	1-15/16 (49.2)	5/16 (7.9)	.85 (.38)	1.028 (26.1)
VACL75012BN	2				1/2	7-1/8 (180.98)				.98 (.44)	1.028 (26.1)
VACL100012BN	2	1000 MCM Al	750—1000 MCM Al	VC8	1/2	7-13/16 (198.4)	2-3/4 (69.8)	2-5/8 (.667)	11/16 (17.5)	1.42 (.64)	1.182 (30.0)

Refer to pages DF-16 and DF-17 for recommended tool and die information.

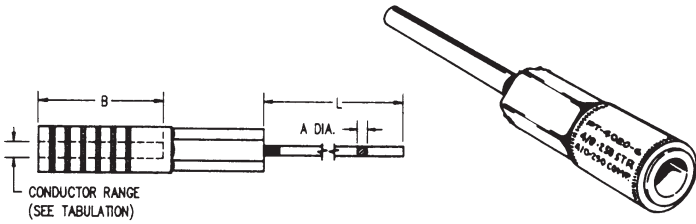
Note: All two hole terminals are on NEMA 1-3/4" centers.

HIGH VOLTAGE APPLICATIONS—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 kV subject to manufacturers' limitations for conductor insulation material.



# BI-METALLIC PIN TERMINALS FOR JOINING ALUMINUM CONDUCTORS TO COPPER EQUIPMENT TYPES PT & PTH

ALUMINUM  
PT & PTH



- For use with VERSA-CRIMP® or die-type tooling
- Sleeve connector is factory compressed over knurled surface of tinned annealed copper rod.
- Provides a compatible bi-metallic transition for joining aluminum conductor to copper based transformer or other equipment terminals. Installed with popular dies.
- Prefilled with rubber compatible electrical joint compound and plugged.

**Material:** Aluminum  
Copper Rod Tin Plated

CATALOG NUMBER	CONDUCTOR RANGE					RECOMMENDED CRIMPING DIE CODES/VC-TOOLS	A PIN (DIA.)	L INCHES (MM)	B INCHES (MM)	COLOR CODE	
	CONVENTIONAL COMPRESSION			VERSA CRIMP							
	ALUM	ACSR	INCHES	ALUM	INCHES						
PT6425	4 Sol., 6 Str. & 6 Comp	6	.167-.206	#8 Str. - #4 Sol. Al. #6 ACSR	.146-.206	ANDERSON-VC6 (ALL) EEI8A BURNDY-BG,243 KEARNEY-5/8 ALCOA-08AH T&B-TU 52 BLACKBURN-5/8	4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	BLUE	
PT4425	2 Sol., 3-4 Str. & 4 Comp	4	.204-.258	#8 Str. - #2 Sol. Al. #6-#4 ACSR	.146-.258		4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	OR-ANGE	
PT2425	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		4 Sol. (.204")	2-1/2 (63.5)	1 (25.4)	RED	
PT226	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		2 Sol. (.258")	6 (152.4)	1 (25.4)	RED	
PTH226	1-2 Str. 1/0 Sol. 2 Comp Str.	2	.268-.328	#8-#1 Str. Al. #6-#2 ACSR	.146-.328		2 Sol. (.258")	6 (152.4)	1-3/4 (44.4)	RED	
PT102S25	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	2-1/2 (63.5)	1 (25.4)	YELLOW	
PT102S6	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	6 (152.4)	1 (25.4)	YELLOW	
PTH1026	1/0 Str. 1/0 Comp	1/0	.336-.398	#8-1/0 Str. Al. #8-1/0 ACSR	.146-.398		2 Sol. (.258")	6 (152.4)	1-3/4 (44.4)	YELLOW	
PT1026	1/0 Str. 1/0-2/0 Comp	1/0	.336-.398	#4-1/0 Str. Al. #4-1/0 ACSR	.232-.398		ANDERSON-VC6 (ALL) EEI11A BURNDY-249,840 KEARNEY-840 ALCOA-11AH T&B-TX 76 BLACKBURN-840 or B49 ea.	2 Sol. (.258")	6 (152.4)	1-7/8 (47.75)	YELLOW
PT201025	2/0 Str. 3/0 Comp	2/0	.414-.448	#4-2/0 Str. Al. #4-2/0 ACSR	.232-.448			1/0 Sol. (.325")	2-1/2 (63.5)	1-7/8 (47.75)	GRAY
PT20106	2/0 Str. 3/0 Comp	2/0	.414-.448	#4-2/0 Str. Al. #4-2/0 ACSR	.232-.448	1/0 Sol. (.325")		6 (152.4)	1-7/8 (47.75)	GRAY	
PT30106	3/0 Str. 4/0 Comp	3/0	.464-.502	#4-3/0 Str. Al. #4-3/0 ACSR	.232-.502	1/0 Sol. (.325")		6 (152.4)	1-7/8 (47.75)	BLACK	
PT40206	4/0-250 Str. 250-300 Comp	4/0	.522-.575	#4-250 Str. Al. #5-4/0 ACSR	.232-.575	2/0 Sol. (.365")		6 (152.4)	1-7/8 (47.75)	PINK	
PT349406	300-350 Str. 350-400 Comp	336-18/1	.618-.684	#1-350 Str. #1-336-18/1	.328-.684	4/0 Sol. (.460")		6 (152.4)	1-7/8 (47.75)	NONE	
PT300506	250-300 Str. 300-350 Comp.	4/0 266-18/1	.564-.630	3/0-300 Str. 3/0-266.8-18/1	.464-.630	ANDERSON-VC6FT VC6500 & VC63 EEI13A; ALCOA-13AH BURNDY-316,655,705 KEARNEY-1-1/8 T&B-96 BLACKBURN B80 ea.		4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT350506	300-350 Str. 350-400 Comp.	266-6/7 336-18/1	.616-.684	3/0-350 Str. 3/0-336.4-18/1	.464-.684			4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT400506	336-400 Str. 500 Comp. Str.	336-36/1 397-18/1	.666-.743	4/0-400 Str. 4/0-397-18/1	.522-.743			4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT500506	450-500 Str. 600 Comp. Str.	397-18/1 477-18/1	.743-.814	4/0-500 Str. 4/0-477-18/1	.522-.814			4/0 Sol. (.460")	6 (152.4)	2-7/8 (73.15)	NONE
PT800756	700-800 Str. 1000 Comp. Str.	605-26/7 715-36/1	.964-1.031	600-800 Str. 605-36/1-715-36/1	.891-1.031		ANDERSON VC8 BURNDY 301, 342, 608, 724, 786 KEARNEY-1/2 ALCOA-24 AH T&B-125	3/4 (.750")	6 (152.4)	2-7/8 (73.15)	NONE

DF  
4



# VERSAtile™ ALUMINUM COMPRESSION TERMINAL TYPE VAUL

ALUMINUM  
VAUL

- For use with either VERSA-CRIMP® or conventional compression tools.
- Meets ANSI C 119.4 Class A performance on aluminum and ACSR conductor, minimum tension.
- Meets ANSI C 119.4 Class C performance on copper conductor, minimum tension.
- Connector barrels are prefilled with “Versa-Seal™” rubber compatible inhibitor and sealed with color coded (thru 4/0) end caps.
- Metal marked to indicate recommended conductors and crimp dies.

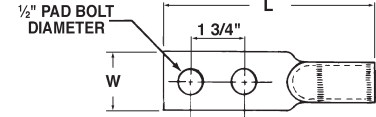
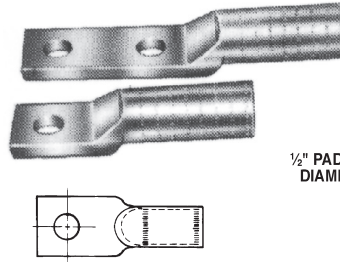


FIGURE 2

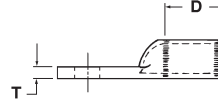


FIGURE 1

**Material:** Aluminum

**Note:** Add Suffix “TP” for tin plated lugs.

## Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AWF OR MCM						CRIMP DIES/ VC-TOOL	COLOR CODE	DIMENSIONS INCHES (MM)				AP-PROX. WT. EACH LBS. (KG.)	I.D. INCHES (MM)
		VERSA-CRIMP® SYSTEM		CONVENTIONAL TOOLING RANGE						L	W	D	T		
		INCH-ES DIA. RANGE	CABLE RANGE	INCH-ES DIA. RANGE	ACSR	STRAND-ED (SOLID)	COM-PACT								
VAUL812	1	.146 thru .162	#8 STR AL-CU (#6 SOL)	.146 thru .162	—	#8 AL-CU (#6 SOL)	—	VC6350	GREEN	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.087 (0.04)	.186 (4.8)
VAUL612	1	.146 thru .204	#8 STR #4 SOL AL-CU #6 ACSR	.184 thru .204	#6 (6/1)	#6 AL-CU (#4 SOL)	—	VC6 VC6FT EEI8A	BLUE	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.076 (0.04)	.233 (5.9)
VAUL412	1	.146 thru .268	#8 STR - #2 SOL AL-CU #6-#4 ACSR #6-#2 COMP	.232 thru .268	#4 (6/1), (7/1)	#4 AL-CU (#2 SOL)	#2	BURNDY BG. 243 KEARNEY	OR-ANGE	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.074 (0.03)	.281 (7.1)
VAUL412BN	2	.146 thru .268	#8 STR - #1 STR AL-CU #6-#2 ACSR #6-#1 COMP	.292 thru .332	#2 (6/1), (7/1)	#2-#1 AL-CU	#1	5/8 T&B TU.52	RED	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.069 (0.03)	.355 (9.0)
VAUL112	1	.146 thru .332	#8 STR-1/0 STR AL-CU #6-1/0 ACSR #6-1 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0	BLACK-BURN 5/8	YEL-LOW	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.065 (0.03)	.416 (10.6)
VAUL1012	1	.146 thru .398	#8 STR-1/0 STR AL-CU #6-1/0 ACSR #6-2/0 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0	5/8	YEL-LOW	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.065 (0.03)	.416 (10.6)
VAUL1012BN	2	.146 thru .398	#8 STR-1/0 STR AL-CU #6-1/0 ACSR #6-2/0 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0	5/8	YEL-LOW	3.06 (77.7)	.90 (22.8)	1.25 (31.7)	.27 (6.8)	.065 (0.03)	.416 (10.6)
VAULH612	1	.146 thru .204	#8 STR-#4 SOL AL-CU #6 ACSR	.169 thru .204	#6 (6/1)	#6 AL-CU (#4 SOL)	#6	VC6350 VC6	BLUE	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.135 (0.06)	.218 (5.5)
VAULH412	1	.146 thru .258	#8 STR-#2 SOL AL-CU #6-#4 ACSR #6-#4 COMP	.213 thru .258	#4 (6/1), (7/1)	#4 AL-CU (#2 SOL)	#4	VC6FT EEI11A BURNDY	OR-ANGE	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.132 (0.06)	.272 (6.9)
VAULH112	1	.146 thru .332	#8 STR-#1 AL-CU #6-#2 ACSR #6-#1 COMP	.268 thru .332	#2 (6/1), (7/1)	#2-#1 AL-CU	#2 - #1	K840 249	RED	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.127 (0.06)	.340 (8.6)
VAULH112BN	2	.146 thru .332	#8 STR-#1 AL-CU #6-#2 ACSR #6-#1 COMP	.268 thru .332	#2 (6/1), (7/1)	#2-#1 AL-CU	#2 - #1	KEARNEY 840	RED	5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.224 (0.10)	.340 (8.6)
VAULH1012	1	.213 thru .398	#4 STR-1/0 AL-CU #4-1/0 ACSR #4-2/0 COMP	.336 thru .398	1/0 (6/1)	1/0 AL-CU	1/0-2/0	T&B TX, 76	YEL-LOW	3.25 (82.5)	.96 (24.2)	1.43 (36.3)	.25 (6.4)	.121 (0.05)	.412 (10.5)
VAUL-H1012BN	2	.213 thru .447	#4 STR-1/0 AL-CU #4-1/0 ACSR #4-2/0 COMP	.336 thru .447	1/0 (6/1)	1/0 AL-CU	1/0-2/0	BLACK-BURN 840	YEL-LOW	5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.217 (0.10)	.412 (10.5)
VAUL2012	1	.213 thru .447	#4 STR-2/0 AL-CU #4-2/0 ACSR #4-3/0 COMP	.414 thru .447	2/0(6/1)	2/0 AL-CU	3/0	BURN 840 B49EA	GRAY	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.116 (0.05)	.472 (10.5)
VAUL2012BN	2	.213 thru .447	#4 STR-2/0 AL-CU #4-2/0 ACSR #4-3/0 COMP	.414 thru .447	2/0(6/1)	2/0 AL-CU	3/0	BURN 840 B49EA	GRAY	5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.209 (0.09)	.472 (10.5)

Continued on next page.



# TYPE VAUL ALUMINUM COMPRESSION TERMINAL (CONTINUED)

## Product Data & Conductor Size

CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AWF OR MCM						CRIMP DIES/ VC-TOOL	COLOR CODE	DIMENSIONS INCHES (MM)				AP-PROX. WT. EACH LBS. (KG.)	I.D. INCHES (MM)
		VERSA-CRIMP® SYSTEM		CONVENTIONAL TOOLING RANGE						L	W	D	T		
		INCHES DIA. RANGE	CABLE RANGE	INCHES DIA. RANGE	ACSR	STRANDED (SOLID)	COMPACT								
VAUL3012	1	.213 thru .502	#4 STR-3/0 AL-CU #4-3/0 ACSR #4-4/0 COMP	.464 thru .502	3/0 (6/1)	3/0 AL-CU	4/0	VC6350 VC6 VC6FT EE11A	BLACK	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.109 (0.05)	.534
VAUL3012BN	2							BURNDY K840 249		5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.200 (0.09)	.534
VAUL4012	1							KEARNEY 840 T&B TX, 76	PINK	3.25 (82.5)	.96 (24.4)	1.43 (36.3)	.25 (6.4)	.101 (0.05)	.595
VAUL4012BN	2	.213 thru .575	#4 STR-250 AL-CU #5-4/0 ACSR #4-300 COMP	.520 thru .575	4/0 (6/1)	4/0-250 AL-CU	250-300	BLACKBURN 840 B49EA		5.75 (146.0)	1.25 (31.7)	1.87 (47.5)	.25 (6.4)	.190 (0.09)	.595
VAUL25012	1	.336 thru .575	1/0-250 STR AL-CU 1/0-4/0 ACSR 1/0-300 COMP	.563 thru .575	4/0 (6/1)	250 AL-CU	300	VC6350 VC6 VC6FT EE112A	—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.260 (0.12)	.605
VAUL25012BN	2							BURNDY 251		6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.339 (0.15)	.605
VAUL30012	1	.376 thru .630	2/0-300 STR AL-CU 2/0-266.8 (18/1) ACSR 2/0-350 COMP	.609 thru .630	266.8 (18/1)	300 AL-CU	350	KEARNEY 29/32 T&B TH,87	—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.247 (0.11)	.660
VAUL30012BN	2							BLACKBURN B61EA		6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.326 (0.15)	.660
VAUL35012	1	.376 thru .684	2/0-350 STR AL-CU 2/0-336.4 (18/1) ACSR 2/0-400 COMP	.659 thru .684	336.4 (18/1)	336-350 AL-CU	400	T&B TH,87	—	4.59 (116.6)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.234 (0.11)	.711
VAUL35012BN	2							BLACKBURN B61EA		6.34 (161.0)	1.25 (31.7)	2.44 (62.0)	.37 (9.4)	.312 (0.14)	.711
VAUL36012	1	.475 thru .684	4/0-350 STR AL-CU 4/0-336.4 (18/1) ACSR 4/0-400 COMP	.609 thru .684	266.8 (18/1), (26/7) 336.4 (18/1)	300-350 AL-CU	350-400	VC6 VC6FT EE113A	—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.273 (0.12)	.738
VAUL36012BN	2							BURNDY 316, 472 655, 705		6.18 (157.0)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.344 (0.16)	.738
VAUL40012	1	.475 thru .743	4/0-400 STR AL-CU 4/0-397.5 (18/1) ACSR 4/0-500 COMP	.679 thru .743	336.4 (18/1), (26/7), (30/7) 397.5(18/1)	350-400 AL-CU	450-500	KEARNEY 1-1/8 T&B 96	—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.258 (0.12)	.791
VAUL40012BN	2							BLACKBURN B80EA		6.18 (157.0)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.329 (0.15)	.791
VAUL50012	1	.520 thru .814	4/0-500 STR AL 4/0-477 (18/1) ACSR 250-600 COMP	.772 thru .814	397.5 (24/7), (26/7)	450-500 AL	550-600	BLACKBURN B80EA	—	4.444 (112.8)	1.25 (31.7)	2.37 (60.2)	.37 (9.4)	.243 (0.11)	.843
VAUL50012BN	2									6.18 (157.0)	1.50 (38.1)	2.88 (73.1)	.37 (9.4)	.390 (0.18)	.843
VAUL60012BN	2	.609 thru .879	300-600 STR AL 266.8-556.5 (18/1) ACSR 350-700 COMP	.845 thru .893	477 (24/7), 556.5 (30/7), 556.5 (36/1), (18/1)	550-600 AL	650-700	VC6FT VC8 EE114A	—	6.87 (174.5)	1.37 (34.8)	3.00 (76.2)	.56 (14.2)	.550 (0.25)	.924
VAUL75012BN	2	.806 thru .988	500-750 STR AL 477-715.5 (36/1) ACSR 600-800 COMP	.908 thru .998	556.5 (30/7), 636 (18/1), 605 (24/7), (26/7), 715.5 (36/1)	700-750 AL	750-800	BURNDY 317, 327, 719		6.87 (174.5)	1.37 (34.8)	3.00 (76.2)	.56 (14.2)	.503 (0.23)	1.028
VAULH50012BN	2	.520 thru .814	4/0-500 STR AL-CU 4/0-477 (18/1) ACSR 250-600 COMP	.743 thru .814	397.5 (18/1), (24/7), (27/7), (30/7) 477 (36/1), (18/1)	450-500 AL-CU	550-600	KEARNEY 1-5/16 T&B 106	—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.898 (0.41)	.843
VAULH70012BN	2	.659 thru .966	350-700 STR AL 336.4-666.6 (18/1) ACSR 400-800 COMP	.891 thru .966	556.5 (24/7), (26/7), 605 (24/7), (26/7), (36/1), 636 (18/1), (36/1)	600-700 AL	750-800	BURNDY 301, 724, 786		7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.827 (0.38)	1.000
VAUL80012BN	2	.806 thru 1.031	500-800 STR AL 477-715.5 (36/1) ACSR 600-900 COMP	.964 thru 1.031	636 (24/7), (26/7), 666.6 (24/7), 715.5 (36/1)	700-800 AL	900	KEARNEY 1-1/2 T&B 140 ALCOA 24AH	—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.796 (0.36)	1.062
VAUL100012BN	2	.908 thru 1.152	650-1000 STR AL 836-954 (36/1) ACSR 750-1000 COMP	1.092 thru 1.152	795 (24/7), (26/7), 900 (45/7), 954 (36/1)	900-1000 AL	—		—	7.25 (184.2)	1.60 (40.6)	3.19 (81.0)	.63 (16.0)	.726 (0.33)	1.188

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## Crimping Die Information VCEL

Catalog Number VCEL	ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)						CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)						
	V-C Tools Wire Range	VERSA-CRIMP® Tools (Number of Crimps)					Wire Size	Die Color* Code	Burndy Longi- tudinal Indent (Crimps)	Kearney (Crimps)	Thomas & Betts (Crimps)		
		†VC6500	VC6350	VC6 ①	VC6 FT	VC8 AL NIBS			Tools Y35 Y39 Y45	Tools “WH”	Tools TBM5 TBM8	Hyd. Tools 12, 15 20 & 40 Ton	
													Die
-021	#8-1/0 Str. AL/CU	2	2	1	1		1/0 Str. AL/CU	Tan	U25ARTⓄ (1)		Tan (2 O'lap)	45 (1)	
-022	#1-2/0 Str. AL/CU	3	3 O'lap	2 O'lap	2 O'lap		2/0 Str. AL/CU	Blue	U30ART (1)	29/32 or 1 + (1)		76H or 83H (2)	
-024	2/0-4/0 Str. AL/CU	3	3 O'lap	2 O'lap	2 O'lap		4/0 Str. AL/CU	Blue	U30ART (1)	29/32 or 1 + (1)		76H or 83H (2)	
-030	#4-300 MCM AL/ CU	3	3 O'lap	2 O'lap	2 O'lap		300 MCM AL/CU	Blue	U30ART (1)	29/32 or 1 + (1)		76H or 83H (2)	
-035	250-350 MCM AL	3	O'lap	2 O'lap	2 O'lap		350 MCM AL	Blue	U30ART (1)	29/32 + (1)		76H (2)	
-050	2/0 - 500 MCM AL/ CU	4	O'lap	2	2		500 MCM AL/CU	Green	U32 ART (2)	1-1/8 - 1 (2 O'lap) or 1-1/8 - 2 + (2)		94H (3)	
-060	400-600 MCM AL 500 MCM CU				2	2	600 MCM AL	Pink	UM or U34ART (2)	1-1/4 + † (2)		†106H (3)	
-075	500-750 MCM AL 500 MCM CU				2	2	750 MCM AL	Pink	U34ART (2)	1-1/4 + † (2)		† 106H (3)	
-100	750-1000 MCM AL					3	1000 MCM AL	None	<b>BURNDY TOOLS/DIES (VCEL - 100 ONLY)</b>				
									<b>Y48B Tool</b>		<b>Y486RB Tool</b>		
									<b>Die</b>	<b>Nest Indentor</b>	<b>Die</b>	<b>Nest Indentor</b>	
									C44AR (2)	C46D (1) Y48PR-1	F44AR (2)	F46D (1) Y48PR-1	

+ WH-2 Tool ONLY  
 † Before making first crimp, make certain that the edge of the die block is located to clear the back edge of the “VCEL” tongue.  
 ① Partial crimp. Crimp dies extend beyond the end of the crimp barrel.  
 ② Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Kearney & T&B Hyd. Tools/Dies.  
 \* Not UL Listed-pending completion of test.

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VACL/VACS/VACT—Anderson/Burndy

Catalog Number VACL (3) VACS (4) VACT (4)	ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)				CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)												
	VERS-CRIMP TOOLS (Number of Crimps)				Burndy (Crimps)			Burndy Indentor Tools (1 Crimp)									
	V-C Tools Wire Range (AWG or MCM)	*VC6 500	VC6 350	VC6 FT (1)	VC8 AL NIBS	Wire Size (AWG or MCM)	Die Color Code (2)	Die Index No.	Tool Y34A Die	Tools Y35 Y39 Die	Tool Y34B Die	Tool Y48B Die	Tool Y486RB Die	Tool MY-29 Die	Tool Y34A (Indentor) Nest	Tool Y34B (Indentor) Nest	Tool Y48B (Indentor) Nest
-8	#8 AL/CU	1	1			#8 AL/CU	Blue	374	U8CABT (2)				#8 (1)				
-6	#6 AL/CU	1	1			#6 AL/CU	Gray	346	A6CAB (1)	B6CD (1)			#6 (1)	A4CD (Y34PA)	B4CD (Y34PA)		
-4	#4 AL/CU	2	2			#4 AL/CU	Green	375	A4CAB (1)	B4CD (1)	C4CAB (1)		#4 (1)	A1CD (Y34PA)	B1CD (Y34PA)		
-2	#6-#2 AL/CU	2	2	2	2	#2 AL/CU	Pink	348	A2CAB (1)	B2CD (1)			#2 (2)	A26D (Y34PA)	B26D (Y34PA)		
-1	#8-#1 AL/CU	2	2	2	2	#1 AL/CU	Tan	296	A25AR (1)	B1CD (1)			#1 (2)	A27D (Y34PR-5)	B27D (Y34PR-5)		
-1/0	#8-1/0 AL/CU	2	2	2	2	1/0 AL/CU	Tan	296	A25AR (1)	B25D (1)			1/0 (2)	A27D (Y34PR-5)	B27D (Y34PR-5)		
-2/0	#4-2/0 AL/CU	2	2	2	2	2/0 AL/CU	Olive	297	A26AR (2)	B26D (1)			2/0 (2)	A29D (Y34PR-5)	B29D (Y34PR-5)		
-3/0	#4-3/0 AL/CU	2	2	2	2	3/0 AL/CU	Ruby	467	A27AR (2)	B27D (1)			3/0 (2)	A30D (Y34PR-5)	B30D (Y34PR-5)		
-4/0	#2-4/0 AL/CU	3	3	2	2	4/0 AL/CU	White	298	A28AR (2)	B28D (1)	C28AR (1)	F28AR (1)	4/0 (2)	A31D (Y34PR-5)	B31D (Y34PR-5)		
-250	1/0-250 AL/CU	3	3	2	2	250 AL/CU	Red	324	A29AR (2)	B29D (1)	C29AR (1)	F29AR (1)		A32D (Y34PR-5)	B32D (Y34PR-5)		
-300	1/0-300 AL/CU	3	3	2	2	300 AL/CU	Blue	470	A30AR (2)	B30D (1)	C30AR (1)	F30AR (1)		A34D (Y34PR-11)	No Die	C34D (Y48PR-1)	F34D (Y48PR-1)
-350 (1)	2/0-350 AL/CU	4		3	3	350 AL/CU	Brown	299	U31ART (2)	B31D (2)	C31AR (1)	F31AR (1)				C35D (Y48PR-1)	F35D (Y48PR-1)
-400 (1)	3/0-400 AL/CU	5		4	4	400 AL/CU	Green	472	U32ART (4)	B32D (2)	C32AR (2)	F32AR (2)				C36D (Y48PR-1)	F36D (Y48PR-1)
-500 (1)	4/0-500 AL/CU	7		4	4	500 AL/CU	Green	472	U32ART (4)	No Die Required (2)	C32AR (2)	F32AR (2)					
-600	350 - 600 AL 350 - 500 CU			4	3	600 AL	Pink	300	U34ART (4)		C34AR (2)	F34AR (2)					
-750	500 - 750 AL 500 CU			4	3	750 AL	Pink	300	U34ART (4)		C34AR (2)	F34AR (2)					
-1000	750-1000 AL				3	1000 AL	Brown	302			C44AR (2)	F44AR (2)				C46D (Y48PR-1)	F46D (Y48PR-1)

+ **TEM-8 Tool ONLY**

\* Anderson HC-12 Dies, Burndy's Y-35 Dies and Blackburn's JB-12 Dies are interchangeable.

(1) "VACL" Lug sizes -350 to -500 take 1 less crimp (VC6 Tools) than shown.

(2) Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Blackburn, Kearney & T&B Hyd. Tools/Dies.

(3) The "VACL" lugs are qualified for UL "HV" applications.

(4) The "VACS" sleeves and "VACT" tee connectors are for AL to AL or AL to CU connections ONLY. (NOT for CU to CU connections).

\* Not UL Listed-pending completion of test.





VACL/VACS/VACT—Anderson/Others

Catalog Number VACL (3) VACS (4) VACT (4)		ANDERSON™ VERSA-CRIMP® COMPRESSION TOOLS (Crimps per Connection)										CONVENTIONAL COMPRESSION DIE TOOLING (Crimps per Connection)									
		V-C Tools Wire Range (AWG or MCM)		VERS-A-CRIMP Tools (Number of Crimps)				Wire Size (AWG or MCM)		Die Color Code (2)		Blackburn (Crimps)		Kearney (Crimps)				Thomas & Betts (Crimps)			
				Tools OD-58 JB-12A		Tools (No. of Crimps)						Tools TBM5 TBM8		Tools (No. of Crimps)		Tools (No. of Crimps)		Tools (No. of Crimps)			
				Die	Tool	Die	Tool					Die	Tool	Die	Tool	Die	Tool	Die	Tool	Die	Tool
*VC6 500	VC6 350	VC6 (1)	VC6 FT (1)	VC8 AL NIBS	Die	Tool	Die	Tool	O-52	WH-1 PH-1	WH-2 PH-2	Die	Tool	Die	Tool	Die	Tool				
-8	#8 AL/CU	1	1		#8 AL/CU	Blue	BY17C (2)	B73CH (1)	1/4	(2)			Blue	(1)	24	(1)	24	(1)			
-6	#6 AL/CU	1	1		#6 AL/CU	Gray	BY19C (3)	B74CH (1)	5/16	(3)			Gray	(2)	29	(2)	29	(2)			
-4	#4 AL/CU	2	2		#4 AL/CU	Green	BY21C (3)	U4CABT * (1)	3/8	(3)			Green	(2)	37	(2)	37	(2)			
-2	#6-#2 AL/CU	2	2		#2 AL/CU	Pink	BY23C (3)	BO6CH (1)	1/2	(3)			Pink	(2)	45	(2)	45	(2)			
-1	#8-#1 AL/CU	2	2		#1 AL/CU	Tan	BY23C (4)	U25ART * (1)	9/16	(4)			Tan	(2)	50	(2)	50	(2)			
-1/0	#8-1/0 AL/CU	2	2		1/0 AL/CU	Tan	BY25C (4)	U25ART * (1)	9/16	(4)			Tan	(2)	50	(2)	50	(2)			
-2/0	#4-2/0 AL/CU	2	2		2/0 AL/CU	Olive	BY31C (4)	BO9CH (2)	5/8-1	(4)			Olive	(2)	54	(2)	54H	(2)			
-3/0	#4-3/0 AL/CU	2	2		3/0 AL/CU	Ruby	BY27C (5)	B26CH (2)	11/16	(5)			Ruby	(2)	62	(2)	62	(2)			
-4/0	#2-4/0 AL/CU	3	3		4/0 AL/CU	White	BY35C (5)	B10CH1 (2)	781	(5)			+White	(4)	71H	(3)	71H	(3)			
-250	1/0-250 AL/CU	3	3		250 AL/CU	Red	BY37C (5)	B11CH (2)	840	(5)			+Red	(5)	76H	(3)	76	(2)			
-300	1/0-300 AL/CU	3	3		300 AL/CU	Blue	B61EA (1)	B61EA (1)	29/32	(2)			+Blue	(5)	87H	(3)	87H	(3)			
-350 (1)	2/0-350 AL/CU	4	3		350 AL/CU	Brown	B12CH1 (2)	B12CH1 (2)	1-1/8-1	(2)			+Brown	(5)	94H	(3)	94H	(3)			
-400 (1)	3/0-400 AL/CU	5	4		400 AL/CU	Green	B80EA (2)	B80EA (2)	1-1/8-1	(2)				(5)	99H	(3)	99H	(3)			
-500 (1)	4/0-500 AL/CU	7	4		500 AL/CU	Green	B80EA (3)	B80EA (3)	1-1/8-2	(2)				(5)	96H	(4)	96	(2)			
-600	350 - 600 AL 350 - 500 CU		4	3	600 AL	Pink	B20AH (3)	B20AH (3)	1-5/16	(4)				(5)	106H	(5)	106H	(5)			
-750	500 - 750 AL 500 CU		4	3	750 AL	Pink	B20AH (3)	B20AH (3)	1-5/16	(4)				(5)	106H	(5)	106H	(5)			
-1000	750-1000 AL		3	3	1000 AL	Brown															

+ TBM-8 Tool ONLY  
 \* Anderson HC-12 Dies; Burndy's Y-35 Dies and Blackburn's JB-12 Dies are interchangeable.  
 (1) "VACL" Lug sizes -350 to -500 take 1 less crimp (VC6 Tools) than shown.  
 (2) Color code is for Anderson and Burndy dies only. Use the recommended die number (NOT die color) for Blackburn, Kearney & T&B Hyd. Tools/Dies.  
 (3) The "VACL" lugs are qualified for UL "HV" applications.  
 (4) The "VACS" sleeves and "VACT" tee connectors are for AL to AL or AL to CU connections ONLY. (NOT for CU to CU connections).  
 \* Not UL Listed-pending completion of test.



# VERSAtile™ COPPER COMPRESSION TERMINAL TYPE VCELC

COPPER
VCELC

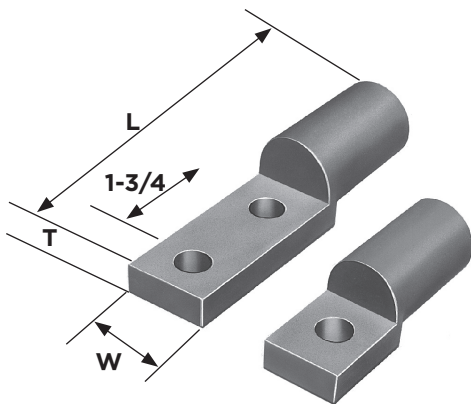


FIG. 2

FIG. 1

- For use with either VERSA-CRIMP® or conventional compression tools.
- Compact design for use in molded case equipment where space is limited.
- For use with copper stranded conductor only.
- Color coded bands for easy die selection.

**Material:** Copper Tin Plated

**Note:** For additional 2-hole or 1-hole sizes, contact factory.



## Product Data & Conductor Size

CATALOG NUMBER	FIGURE NUMBER	CONVENTIONAL TOOLING	VERSA-CRIMP® SYSTEM RANGE	VERSA-CRIMP® TOOL TYPE	PAD BOLT DIAMETER	DIMENSIONS INCHES (MM)			APPROX. WT. EACH LBS. (KG.)
						L	W	T	
VCELC03038H1	1	300 MCM Cu	2/0-300 MCM Cu	VC63	3/8 (9.5)	2.260 (57.4)	1.0 (25.4)	.281 (7.1)	.293 (.133)
VCELC05012H1	1	500 MCM Cu	250-500 MCM Cu	VC7	1/2 (12.7)	3.40 (86.4)	1.187 (30.1)	.500 (12.7)	.562 (.230)
VCELC05012H2	2	500 MCM Cu	250-500 MCM Cu	VC6FT VC7FT	1/2 (12.7)	5.040 (128.0)	1.187 (30.1)	.500 (12.7)	.84 (.38)
VCELC07512H1	1	750 MCM Cu	400-750 MCM Cu	VC6FT VC7FT & VC8	1/2 (12.7)	3.650 (92.7)	1.30 (33.0)	.500 (12.7)	.703 (.319)

Refer to page DF-19 for recommended tool and die information.

**HIGH VOLTAGE APPLICATIONS**—All Aluminum/Copper and Copper Lugs (VCEL, VACL, VHCL, VHCS and VCELC) are rated at 34.5 KV. The other U.L. Listed compression connectors (VACS, VACT, VCCT, VHSS and VHS) have a maximum UL voltage requirement of less than 2000 volts, however Anderson recommends these connectors for application through 34.5 KV subject to manufacturers' limitations for insulation material.

For further information, contact factory.

## APPLICATION RECOMMENDATIONS WITH WELDING CABLE\* FOR INSTALLATION WITH VC7 TOOLING ONLY

CATALOG NUMBER	WELDING CABLE RANGE
VCELC03038H1	#6-259 Str. #4-413 Str. #3-532 Str. #2-651 Str. #1-819 Str.
VCELC05012H1 VCELC05012H2	1/0-1026 Str. 2/0-1292 Str.
VCELC07512H1	3/0-1653 Str. 4/0-2071 Str.

\* Not U.L. listed—U.L. does not recognize Welding Cable for commercial wiring.

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## VCELC

CATALOG NUMBER VCELC	ANDERSON™ VERSA-CRIMP® COMPRE						CONVENTIONAL COMPRESSION DIE TOOLING (Crimps Per Connection)						
	V-C Tools Wire Range (Copper Only)	VERSA-CRIMP® Tools (Number of Crimps)A					Copper Wire Size	Die Color Code	Burndy (Crimps)	Burndy (Crimps)	Kearney (Crimps)	Thomas & Bet	
		VC6	VC6 -FT	VC7	VC7 -FT	VC8 AL NIBS			Tool Y35 and Y39 Die	Tool MD-6 Die	Tools "WH" Die	Tools TBM5 TBM8 Die	Hyd. Tools 12, 15 20 & 40 Ton Die
030	2/0-300 MCM	2 Overlap	2 Overlap	3 Overlap	3 Overlap		300MCM	Blue	U30ART ∧ (1)		29/32 or 1 (1)		76H or 83H (2)
050	250-500 MCM	2	2	3	2		500 MCM	Green	U32ART ∧ (2)		1-1/8-1 + ∧ (2 O'lap) 1-1/8-2+ ∧ (2)		94H (3)
075	400-750 MCM		2		2	2	750 MCM	Pink	U-M or U34ART ∧ (2)		1-1/4 (2)		106H (3)

Note 1  
 + WH-2 Tool only.  
 ∧ Before making first crimp, make certain that the edge of the die block is located to clear the back edge of the "VCELC" tongue.  
 \* Partial crimp. Crimp dies extend beyond the end of the crimp barrel.  
 NOTE: "VCELC" copper equipment terminals cannot be used with type VC6350 tools.

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## APPLICATION RECOMMENDATIONS WITH WELDING CABLE \*FOR INSTALLATION WITH VC7 TOOLING ONLY

CATALOG NUMBER	NUMBER OF CRIMPS	WELDING CABLE RANGE	CATALOG NUMBER	NUMBER OF CRIMPS	WELDING CABLE RANGE
VCELC03038H1	3 Overlap	#6-259 STR #4-413 STR #3-532 STR #2-651 STR #1-819 STR	VCELC05012H1	3	1/0-1026 STR 2/0-1292 STR
			VCELC07512H1	3	3/0-1653 STR 4/0-2071 STR

Note 2  
 \* Not U.L. Listed—U.L. does not recognize Welding Cable for commercial wiring.