



AFL
B10933-1

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B10933-1

SWAGE360® GROUNDING, BUS AND CABLE ACCESSORIES

**Swage360 Solutions — installs faster and more efficiently
without the need of a certified welder**

Product Catalog

Founded in 1984, AFL is an international manufacturer providing end-to-end solutions to the energy, service provider, enterprise, hyperscale and industrial markets.

AFL's products are in use in over 130 countries and include fiber optic cable and hardware, transmission and substation accessories, outside plant equipment, connectivity, test and inspection equipment, fusion splicers and training.

AFL also offers a wide variety of services supporting data center, enterprise, wireless and outside plant applications.

AFL is dedicated to bringing our customers a quality product as well as delivering superior value.



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

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Swage Grounding Accessories Cross Reference

Family Type	IMAGE	AFL No.	DMC No.	IMAGE
Coupler*		SWG C	GC720	
Parallel*		SWG P	GC732	
Split Parallel		SWG P S	GC721/GC888	
Cross*		SWG X	GC740	
Offset Split Cross		SWG X O S S	GC739	
Cross with Thru-Hole*		SWG H X	GC741	
Single-Hole Terminal*		SWG D P L-1	GC910	
Two-Hole Terminal*		SWG D P L-2N	GC920	
Split Tee		SWG T S	GC733	
Offset Split Tee		SWG T O S	GC743	
Double Fence Post Connector* Left Fence Post Connector* Right Fence Post Connector*		SWG F P SWG F P-L SWG F P-R	GC760	
Fence Post Gate Connector		SWG F P B	GC762	
90-degree Elbow Split Elbow Alternate Elbow		SWG E SWG E H SWG E S	GC729 GC736 GC739	

* Tin plating available

Swage Tooling Cross Reference

BUS—1" TO 6" PIPE SIZES

NOMINAL PIPE SIZE	AFL HEAD ASSEMBLY	DMC HEAD ASSEMBLY	DIES		INSPECTION GAUGE		POWER UNIT	
			AFL	DMC	AFL	DMC	AFL	DMC
1	65THAD100	DLT65PLHA0016 OR DLT57PLHA0016	65TD100	DLT56PLDI0016	SWGGB100	PLKIG2000-16	65TPU	DLT58MAPW0000 OR DLT65MAPW0000 Depending on Head Assembly Used
1.5	65THAD150	DLT65PLHA0024 OR DLT57PLHA0024	65TD150	DLT56PLDI0024	SWGGB150	PLKIG2000-24		
2	65THAD200	DLT65PLHA0032 OR DLT57PLHA0032	65TD200	DLT56PLDI0032	SWGGB200	PLKIG2000-32		
2.5	65THAD250	DLT65PLHA0040 OR DLT57PLHA0040	65TD250	DLT56PLDI0040	SWGGB250	PLKIG2000-40		
3	65THAD300	DLT65PLHA0048 OR DLT57PLHA0048	65TD300	DLT56PLDI0048	SWGGB300	PLKIG2000-48		
3.5	65THAD350	DLT65PLHA0056	65TD350	DLT65PLDI0056	SWGGB350	PLKIG2000-56		
4	65THAD400	DLT65PLHA0064	65TD400	DLT65PLDI0064	SWGGB400	PLKIG2000-64	85TPU	DLT65MAPW0000
5	85THA500	DLT85PLHA0080	85TD500	DLT85PLDI0080	SWGGB500	PLKIG2000-80		
6	115THA600	PLT115PLTA0000	115TD600	DLT115PLDI0096	SWGGB600	PLKIG2000-96	115TPU	PLT115MAPE1000

CABLE—1" TO 2.75" O.D. FITTING SIZE

FITTING O.D. (inches)	AFL HEAD ASSEMBLY	DMC HEAD ASSEMBLY	DIES		FILLER DIES		INSPECTION GAUGE		POWER UNIT	
			AFL	DMC	AFL	DMC	AFL	DMC	AFL	DMC
1	45THAD16	DLT45CLHA02500	45TD16	DLT45CLDI02500	—	—	SWGGC16	DLT45CLIG02500	45TPU	DLT45MAPW0000
1.25	45THAD20	DLT45CLHA03975	45TD20	DLT45CLDI03975	—	—	SWGGC20	DLT45CLIG03975		
1.5	45THAD24	DLT45CLHA05565	45TD24	DLT45CLDI05565	B11336-15	DLT45CLFDI08745	SWGGC24	DLT45CLIG05565		
1.75	45THAD28	DLT45CLHA07155	45TD28	DLT45CLDI07155	B11336-15	DLT45CLFDI08745	SWGGC28	DLT45CLIG07155		
1.875	45THAD30	DLT45CLHA08745	45TD30	DLT45CLDI08745	B11336-15	DLT45CLFDI08745	SWGGC30	DLT45CLIG08745		
2	45THAD32	DLT45CLHA11130	45TD32	DLT45CLDI11130	—	—	SWGGC32	DLT45CLIG11130		
2.25	45THAD36	DLT45CLHA15900	45TD36	DLT45CLDI15900	—	—	SWGGC36	DLT45CLIG15900	65TPU	DLT58MAPW0000
2.75	65THAD44-L	DLT58CLHA25000	65TD44-L	DLT58CLDI25000	—	—	SWGGC44	DLT45CLIG25000		

Swage Accessories

AFL introduces our new line of Swage Grounding, Bus and Cable Accessories. These products use a compression technology process called "swaging" that enables installation of bus accessories without the need of a welder. These Swage products allow the electric utility to install the accessories faster and more efficiently with lower installation costs over the welding process.

Swage Grounding, Bus and Cable Accessories complement AFL's Substation products which are made for low voltage up to 765 kV applications that involve cable, pipe, flat or tubular bus and integral web connections. With this new line, AFL is your full-line supplier for all types of accessories—welded, bolted and Swage.



For more information on installation of Swage Accessories, visit www.AFLglobal.com.



Installing a Swage Tee fitting in South Carolina.



Swage Bus Expansion Terminals installed on a substation at Logan City Light and Power in Utah.

Field Installation of AFL Swage Bus Accessories



Clean and prepare the outside of the pipe to remove any oil, oxidation or burrs on the exterior.



Fit the Bus Tees the pipe.
The fitting comes apart for ease of installation.



After using the Swage gauge to mark insert depth, the Swage Press and Die Set compress the Bus Tee fitting onto the pipe.



Compressing the fitting



The finished Swage Bus Tee fitting

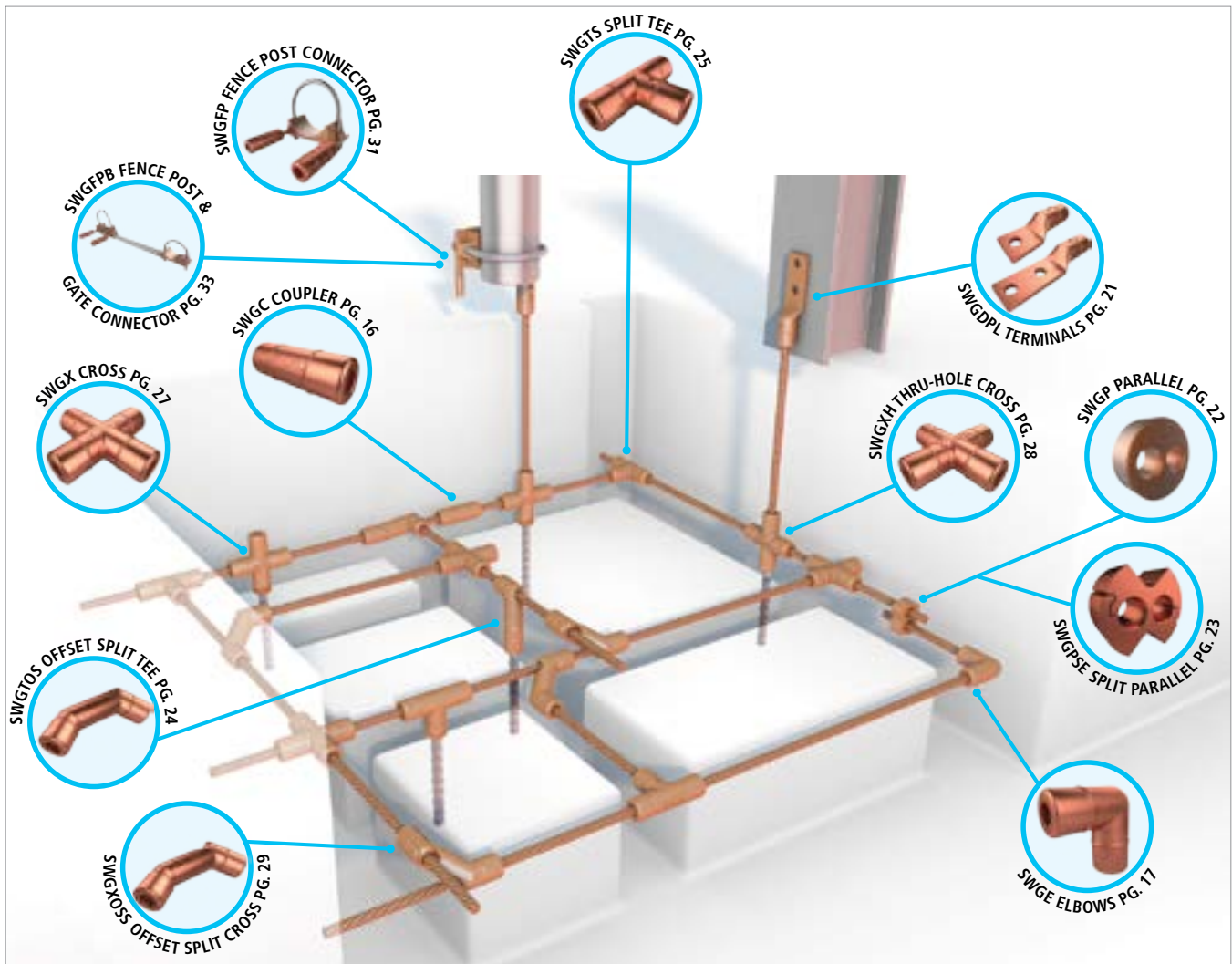
Complete Swage Grounding Solution

AFL introduces our new line of Swage Grounding Accessories. These products use a compression technology process called "swaging" that enables installation of bus accessories without the need of a welder. These Swage products allow the electric utility to install the accessories faster and more efficiently with lower installation costs over the welding process.

The complete Swage family includes Bus, Cable and now Grounding Accessories that complement AFL's Substation

products which are made for low voltage up to 765 kV applications that involve cable, pipe, flat or tubular bus and integral web connections. With this new line, AFL is your full-line supplier for all types of accessories—welded, bolted and Swage.

For more information on installation of Swage Grounding Accessories along with an installation video, visit www.AFLglobal.com.



TYPE SWGC Swage Coupler

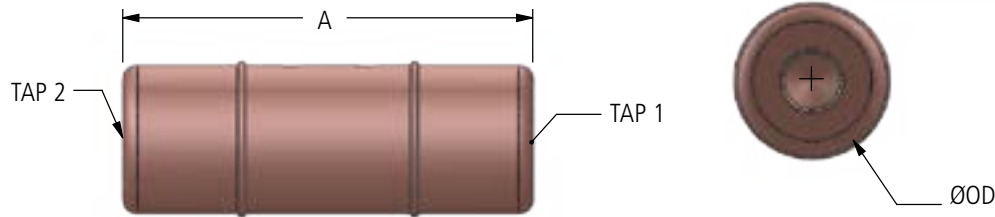
A Swage type coupler that joins two cable or rod runs together.

Material

Copper Alloy

Notes

- For tin plating add "-SN" to catalog number.
EX: SWGC2013-SN.
- For detailed conductor range information, please see page 35 (L11557).



Ordering Information

SWGC	XX	YYY	—	XX	ZZZ	(Leave blank if same as Run)
Part Family	Die Code	Tap 1 Cable Code for Largest Conductor		Die Code	Tap 2 Cable Code	

Die Code comes from maximum connector OD from Table below.

- EX: Tin plated coupler for 250MCM Cu to 500MCM Cu is SWGC2450-2425-SN
- EX: Coupler for 250MCM Cu to 250MCM is SWGC2025

AFL NO.	COPPER CABLE (AWG or KCMIL)		DIMENSIONS IN INCHES		DIE SIZE
	TAP 1	TAP 2	OD	A	
SWGC204	#4	#4	1.25	3.45	45TD20
SWGC206	#2	#2	1.25	3.45	45TD20
SWGC2013-204	1/0-2/0	#4	1.25	3.45	45TD20
SWGC2013-206	1/0-2/0	#2	1.25	3.45	45TD20
SWGC2013	1/0-2/0	1/0-2/0	1.25	3.45	45TD20
SWGC2017	3/0	3/0	1.25	3.45	45TD20
SWGC2021-206	4/0	#2	1.25	3.45	45TD20
SWGC2021-2013	4/0	1/0-2/0	1.25	3.45	45TD20
SWGC2021	4/0	4/0	1.25	3.45	45TD20
SWGC2025-204	250	#4	1.25	3.45	45TD20
SWGC2025-206	250	#2	1.25	3.45	45TD20
SWGC2025-2013	250	1/0-2/0	1.25	3.45	45TD20
SWGC2025-2017	250	3/0	1.25	3.45	45TD20
SWGC2025-2021	250	4/0	1.25	3.45	45TD20
SWGC2025	250	250	1.25	3.45	45TD20
SWGC2030-2025	300	250	1.25	3.45	45TD20
SWGC2035-2013	350	1/0-2/0	1.25	3.45	45TD20
SWGC2035-2017	350	3/0	1.25	3.45	45TD20
SWGC2035-2021	350	4/0	1.25	3.45	45TD20
SWGC2035-2025	350	250	1.25	3.45	45TD20
SWGC2413	1/0-2/0	1/0-2/0	1.50	3.65	45TD24
SWGC2430	300	300	1.50	3.65	45TD24
SWGC2435	350	350	1.50	3.65	45TD24
SWGC2450-246	500	#2	1.50	3.65	45TD24
SWGC2450-2421	500	4/0	1.50	3.65	45TD24
SWGC2450-2425	500	250	1.50	3.65	45TD24
SWGC2450	500	500	1.50	3.65	45TD24
SWGC2450-242050F	500	500 FLEX	1.50	3.65	45TD24, 45TD20

TYPE SWGE Swage 90-Degree Elbow

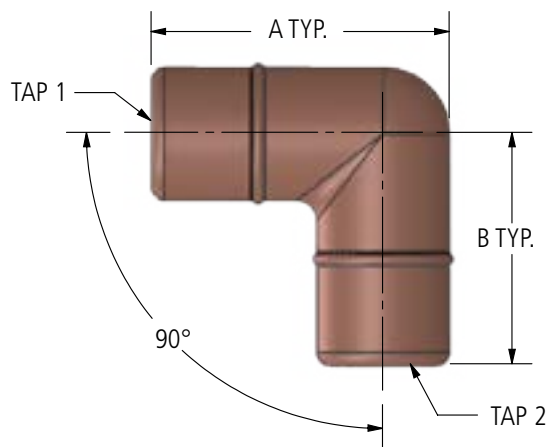
A swage type elbow that connects two cable or rod runs at a 90-degree angle to enable grounding on the same run.

Material

Copper Alloy

Notes

- For tin plating, add "-SN" to end of catalog number EX: SWGE2450-SN
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWGE XX YYY — XX ZZZ — (Leave blank if same as Run)

Part Family Die Code Tap 1 Cable Code Die Code Tap 2 Cable Code

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated elbow for 250MCM Cu to 500MCM Cu is SWGE2425-2450-SN
- EX: Elbow for 250MCM Cu to 500MCM is SWGE2425-2450

AFL NO.	CABLE RANGE		DIMENSIONS IN inches		DIE SIZE
	TAP 1	TAP 2	A	B	
SWGE206-2025	#2	250	2.80	2.17	45TD20
SWGE2013	1/0	2/0	2.80	2.17	45TD20
SWGE2013-2021		4/0	2.80	2.17	45TD20
SWGE2013-2025	3/0	250	2.80	2.17	45TD20
SWGE2017		3/0	2.80	2.17	45TD20
SWGE2017-2021	4/0	4/0	2.80	2.17	45TD20
SWGE2017-2025		250	2.80	2.17	45TD20
SWGE2021	4/0	4/0	2.80	2.17	45TD20
SWGE2021-2017		3/0	2.80	2.17	45TD20
SWGE2021-2025	5/8" ROD	250	2.80	2.17	45TD20
SWGE2021-2035		3/4" ROD	2.80	2.17	45TD20
SWGE2021-2045	250	250	2.80	2.17	45TD20
SWGE2025		5/8" ROD	2.80	2.17	45TD20
SWGE2025-2035	4/0	3/4" ROD	2.80	2.17	45TD20
SWGE2025-2045		4/0	3.05	2.17	45TD20
SWGE2421	4/0	3/4" ROD	3.05	2.30	45TD24
SWGE2421-2445		3/0	3.05	2.30	45TD24
SWGE2425-2417	250	3/4" ROD	3.05	2.30	45TD24
SWGE2425-2445		3/4" ROD	3.05	2.30	45TD24
SWGE2450-2445	500	3/4" ROD	3.05	2.30	45TD24
SWGE2450		500	3.05	2.30	45TD24

TYPE SWGES Swage Split Elbow

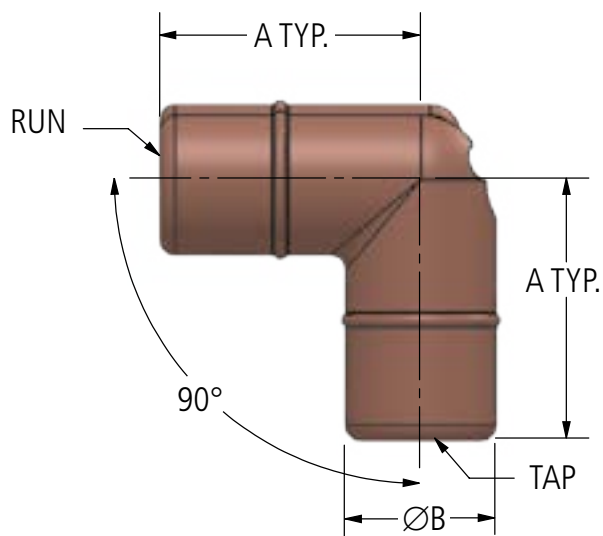
A swage type split elbow connects a cable or rod at a 90-degree angle to the main run. This part features a sliding channel for ease of installation.

Material

Copper Alloy

Notes

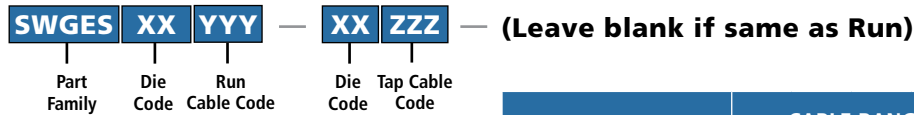
- For tin plating, add "-SN" to end of catalog number EX: SWGES2450-SN
- For detailed conductor range information, please see page 33 (L11557).



continued
→

TYPE SWGES Swage Split Elbow

Ordering Information



Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated split elbow for 250MCM Cu to 500MCM Cu is SWGES2425-2450-SN
- EX: Split elbow for 250MCM Cu to 500MCM is SWGES2425-2450

AFL NO.	CABLE RANGE		DIMENSIONS IN inches		DIE SIZE
	RUN	TAP	A	B	
SWGES202-2021	#6	4/0	2.17	1.25	45TD20
SWGES2013-206		#2	2.17	1.25	45TD20
SWGES2013		1/0 2/0	2.17	1.25	45TD20
SWGES2013-2017		3/0	2.17	1.25	45TD20
SWGES2013-2025	1/0 2/0	250	2.17	1.25	45TD20
SWGES2013-2035		5/8" ROD	2.17	1.25	45TD20
SWGES2013-2045		3/4" ROD	2.17	1.25	45TD20
SWGES2017		3/0	2.17	1.25	45TD20
SWGES2017-2021		4/0	2.17	1.25	45TD20
SWGES2017-2025		250	2.17	1.25	45TD20
SWGES2017-2035		350	2.17	1.25	45TD20
SWGES2021-2013		1/0 2/0	2.17	1.25	45TD20
SWGES2021-2017		3/0	2.17	1.25	45TD20
SWGES2021		4/0	2.17	1.25	45TD20
SWGES2021-2025	4/0	250	2.17	1.25	45TD20
SWGES2021-2035		350	2.17	1.25	45TD20
SWGES2021-2045		3/4" ROD	2.17	1.25	45TD20
SWGES2021-2075C		3/4" Cu Rod	2.17	1.25	45TD20
SWGES2025-2021		4/0	2.17	1.25	45TD20
SWGES2025		250	2.17	1.25	45TD20
SWGES2025-2045		3/4" ROD	2.17	1.25	45TD20
SWGES2025-2075C		3/4" Cu Rod	2.17	1.25	45TD20
SWGES2421-2445	4/0	3/4" ROD	2.30	1.50	45TD24
SWGES2421-2450	4/0	500	2.30	1.50	45TD24
SWGES2425-2435	250	350	2.30	1.50	45TD24
SWGES2430-2421		4/0	2.30	1.50	45TD24
SWGES2430	300	300	2.30	1.50	45TD24
SWGES2435-2421		4/0	2.30	1.50	45TD24
SWGES2435		350	2.30	1.50	45TD24
SWGES2435-2425		250	2.30	1.50	45TD24
SWGES2435-2440		400	2.30	1.50	45TD24
SWGES2450-2421		4/0	2.30	1.50	45TD24
SWGES2450-2425	500	250	2.30	1.50	45TD24
SWGES2450		500	2.30	1.50	45TD24

TYPE SWGEH

Swage Alternate Elbow

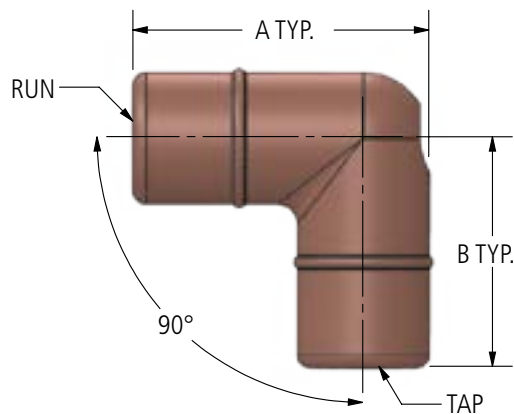
A swage type alternate elbow connector is used to connect a cable/rod to another cable or rod.

Material

Copper Alloy

Notes

- For tin plating, add "-SN" to end of catalog number EX: SWGEH2450-SN
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWGEH XX YYY — XX ZZZ — (Leave blank if same as Run)

Part Family Die Code Run Cable Code Die Code Tap Cable Code

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated alternate elbow for 500MCM Cu to 250MCM Cu is SWGEH2450-2425-SN
- EX: Alternate elbow for 500MCM Cu to 250MCM is SWGEH2450-2425

AFL NO.	CABLE RANGE		DIMENSIONS IN inches		DIE SIZE		
	RUN	TAP	A	B			
SWGEH2013-2035	1/0	2/0	5/8" ROD	2.80	2.17	45TD20	
SWGEH2013		1/0	2/0	2.80	2.17	45TD20	
SWGEH2017	3/0		3/0	2.80	2.17	45TD20	
SWGEH2017-2035			5/8" ROD	2.80	2.17	45TD20	
SWGEH2021-2013	4/0		1/0	2/0	2.80	2.17	45TD20
SWGEH2021			4/0	2.80	2.17	45TD20	
SWGEH2021-2045			3/4" ROD	2.80	2.17	45TD20	
SWGEH2025-206			#2	2.80	2.17	45TD20	
SWGEH2025	250		250	2.80	2.17	45TD20	
SWGEH2025-2035			5/8" ROD	2.80	2.17	45TD20	
SWGEH2025-2045			3/4" ROD	2.80	2.17	45TD20	
SWGEH2035-2021	5/8" ROD		4/0	2.80	2.17	45TD20	
SWGEH2035-2025			250	2.80	2.17	45TD20	
SWGEH2421	4/0		4/0	3.05	2.30	45TD24	
SWGEH2421-2435			5/8" ROD	3.05	2.30	45TD24	
SWGEH2450-2425	500		250	3.05	2.30	45TD24	
SWGEH2450-2445			3/4" ROD	3.05	2.30	45TD24	
SWGEH2450			500	3.05	2.30	45TD24	

TYPE SWGDPL Swage Terminal, 1 Hole or 2 Hole

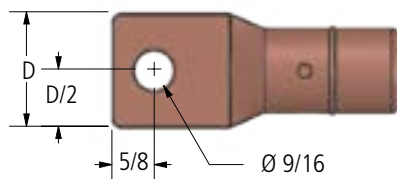
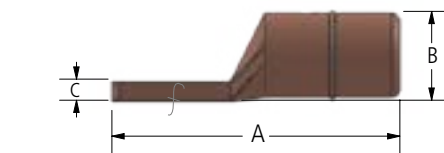
A Swage type terminal used to ground a cable or a rod to a 1-hole or 2-hole lug.

Material

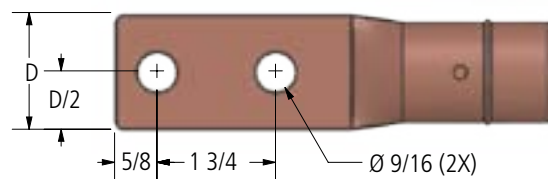
Copper Alloy

Notes

- For tin plating, add "-SN" to catalog number. Example: SWGDPL2025-2N-SN.
- For detailed conductor range information, please see page 33 (L11557).



Pad Detail 1—SWGDPL-1



Pad Detail 2—SWGDPL-2N



SWGDPL-1



SWGDPL-2N

Ordering Information

SWGDPL	XX	YYY	—	ZZ
Part Family	Die Code	Run 1 Cable Code for Largest Conductor		Pad Code

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated terminal for 250MCM Cu is SWGDPL2025-1-SN.
- EX: Terminal for 250MCM Cu is SWGDPL2025-1.

AFL NO.	COPPER CABLE (AWG OR KCMIL)	DIMENSIONS IN inches				DIE SIZE
	TAP	A	B	C	D	
SWGDPL204-1	#4	4.25	1.31	0.33	1.69	45TD20
SWGDPL204-2N	#4	6.00	1.31	0.30	1.69	45TD20
SWGDPL206-1	#2	4.25	1.31	0.33	1.69	45TD20
SWGDPL206-2N	#2	6.00	1.31	0.30	1.69	45TD20
SWGDPL2013-1	1/0-2/0	4.25	1.31	0.33	1.69	45TD20
SWGDPL2013-2N	1/0-2/0	6.00	1.31	0.30	1.69	45TD20
SWGDPL2017-1	3/0	4.25	1.31	0.33	1.69	45TD20
SWGDPL2017-2N	3/0	6.00	1.31	0.30	1.69	45TD20
SWGDPL2021-1	4/0	4.25	1.31	0.33	1.69	45TD20
SWGDPL2021-2N	4/0	6.00	1.31	0.30	1.69	45TD20
SWGDPL2025-1	250	4.25	1.31	0.33	1.69	45TD20
SWGDPL2025-2N	250	6.00	1.31	0.30	1.69	45TD20
SWGDPL2421-2N	4/0	6.50	1.56	0.40	1.72	45TD24
SWGDPL2425-1	250	4.50	1.56	0.44	1.72	45TD24
SWGDPL2430-1	300	4.50	1.56	0.44	1.72	45TD24
SWGDPL2430-2N	300	6.50	1.56	0.40	1.72	45TD24
SWGDPL2435-1	350	4.50	1.56	0.44	1.72	45TD24
SWGDPL2435-2N	350	6.50	1.56	0.40	1.72	45TD24
SWGDPL2440-2N	400	6.50	1.56	0.40	1.72	45TD24
SWGDPL2450-1	500	4.50	1.56	0.44	1.72	45TD24
SWGDPL2450-2N	500	6.50	1.56	0.40	1.72	45TD24

TYPE SWGP Swage Parallel

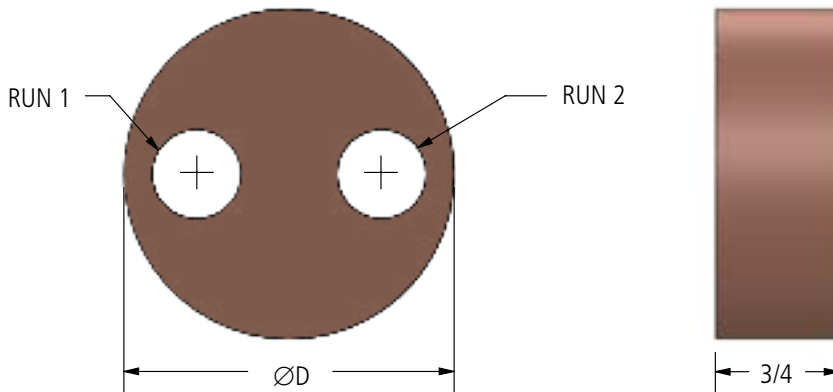
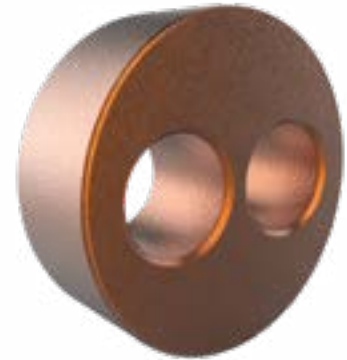
A Swage type parallel connector is used to connect cable-to-cable or cable-to-rod.

Material

Copper Alloy

Ordering Information

- For tin plating, add "-SN" to end of catalog number. Example: SWGP246-SN.
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWGP	XX	YYY	—	XX	ZZZ	— (Leave blank if same as Run)
Part Family	Die Code	Run 1 Cable Code for Largest Conductor		Die Code	Run 2 Cable Code	

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated parallel connector for 500MCM Cu to 250MCM Cu is SWGP2450-2425-SN
- EX: Parallel connector for 250MCM Cu to 250MCM Cu is SWGP2025

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS IN inches	DIE SIZE
	RUN 1	RUN 2	OD	
SWGP246	#2	#2	1.50	45TD24
SWGP3021-306	4/0	#2	1.88	45TD30
SWGP3025-306	250	#2	1.88	45TD30
SWGP3050-306	500	#2	1.88	45TD30
SWGP3213	1/0-2/0	1/0-2/0	2.00	45TD32
SWGP3217	3/0	3/0	2.00	45TD32
SWGP3221-3213	4/0	1/0-2/0	2.00	45TD32
SWGP3221	4/0	4/0	2.00	45TD32
SWGP3225-3213	250	1/0-2/0	2.00	45TD32
SWGP3225-3221	250	4/0	2.00	45TD32
SWGP3225	250	250	2.00	45TD32
SWGP3230	300	300	2.00	45TD32
SWGP3235-3213	350	1/0-2/0	2.00	45TD32
SWGP3235-3225	350	250	2.00	45TD32
SWGP3235	350	350	2.00	45TD32
SWGP3245-3213	450	1/0-2/0	2.00	45TD32
SWGP3245-3225	450	250	2.00	45TD32
SWGP3650-3613	500	1/0-2/0	2.25	45TD36
SWGP3650-3625	500	250	2.25	45TD36
SWGP3650-3645	500	450	2.25	45TD36
SWGP3650	500	500	2.25	45TD36

TYPE SWGPSE Swage Split Parallel

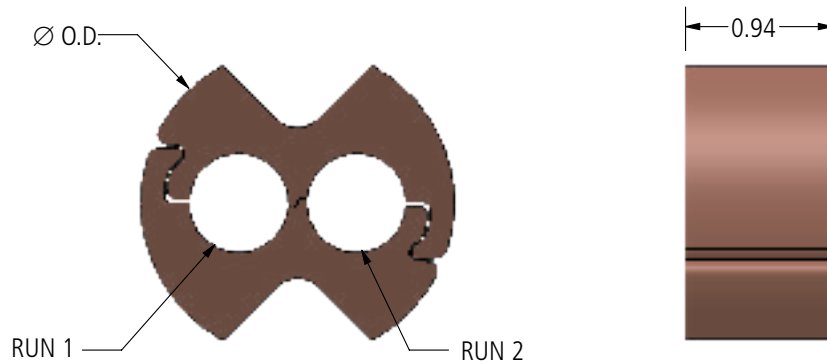
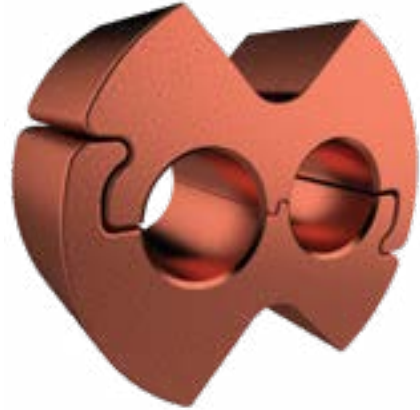
A Swage type split parallel connector is used to connect cable to another cable. It features a sliding channel for ease of installation.

Material

Copper Alloy

Notes

- For tin plating, add "-SN" to end of catalog number. EX: SWGPSE3225-SN.
- For detailed conductor range information, please see page 33 of the catalog (L11557).



Ordering Information

SWGPSE	XX	YYY	—	XX	ZZZ	— (Leave blank if same as Run)
Part Family	Die Code	Run 1 Cable Code for Largest Conductor		Die Code	Run 2 Cable Code	

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated split parallel for 250MCM Cu to 500MCM Cu is SWGPSE4450-4425-SN
- EX: Split parallel for 250MCM Cu to 250MCM is SWGPSE3225

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS IN inches	DIE SIZE
	RUN 1	RUN 2		
SWGPSE3213	1/0-2/0	1/0-2/0	2.00	45TD32
SWGPSE3213-326	1/0-2/0	#2	2.00	45TD32
SWGPSE3217	3/0	3/0	2.00	45TD32
SWGPSE3221	4/0	4/0	2.00	45TD32
SWGPSE3221-326	4/0	#2	2.00	45TD32
SWGPSE3221-3213	4/0	1/0-2/0	2.00	45TD32
SWGPSE3225-3213	250	1/0-2/0	2.00	45TD32
SWGPSE3225-3221	250	4/0	2.00	45TD32
SWGPSE3225	250	250	2.00	45TD32
SWGPSE4435-4413	350	1/0-2/0	2.75	65TD44
SWGPSE4435-4421	350	4/0	2.75	65TD44

TYPE SWGTOS Swage Offset Single Split Tee

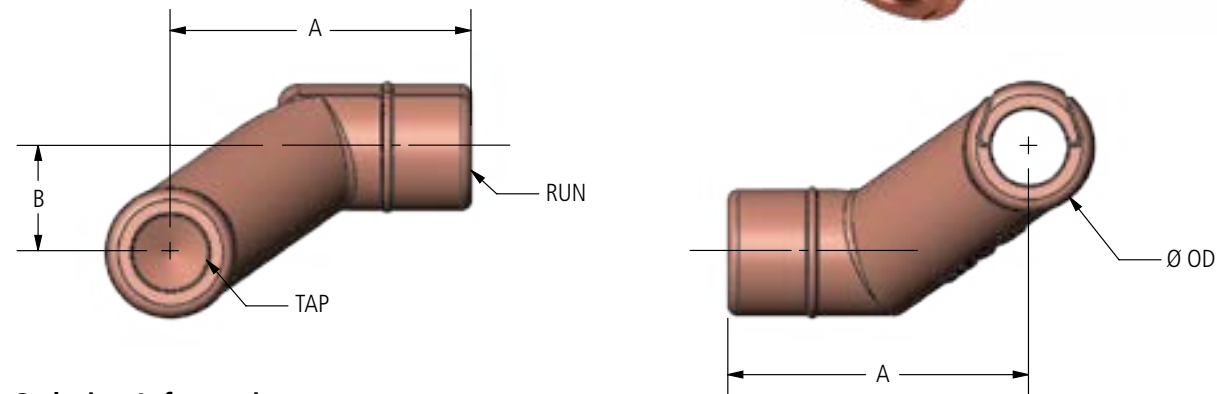
A Swage type offset single split tee connector used to connect a cable run to another cable. It features a sliding channel for ease of installation.

Material

Copper Alloy

Notes

- For tin plating, add "-SN" to end of catalog number. EX: SWGTOS2025-SN.
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWGTOS XX YYY — XX ZZZ — (Leave blank if same as Run)

Part Family Die Code Run 1 Cable Code for Largest Conductor Die Code Run 2 Cable Code

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated offset split tee for 250MCM Cu to 500MCM Cu is SWGTOS2450-2425-SN
- EX: Offset split tee for 250MCM Cu to 250MCM is SWGTOS2025

AFL NO.	COPPER CABLE		DIMENSIONS (inches)			DIE SIZE
	RUN	TAP	OD	A	B	
SWGTOS2013	1/0-2/0	1/0-2/0	1.25	3.20	1.00	45TD20
SWGTOS2013-2035	1/0-2/0	350	1.25	3.20	1.00	45TD20
SWGTOS2017	3/0	3/0	1.25	3.20	1.00	45TD20
SWGTOS2017-2025	3/0	250	1.25	3.20	1.00	45TD20
SWGTOS2021-2013	4/0	1/0-2/0	1.25	3.20	1.00	45TD20
SWGTOS2021	4/0	4/0	1.25	3.20	1.00	45TD20
SWGTOS2021-2035	4/0	350	1.25	3.20	1.00	45TD20
SWGTOS2021-2062S	4/0	5/8" Rod	1.25	3.20	1.00	45TD20
SWGTOS2021-2075CC	4/0	3/4" Cu Rod	1.25	3.20	1.00	45TD20
SWGTOS2025-202	250	#6	1.25	3.20	1.00	45TD20
SWGTOS2025-206	250	#2	1.25	3.20	1.00	45TD20
SWGTOS2025-2013	250	1/0-2/0	1.25	3.20	1.00	45TD20
SWGTOS2025	250	250	1.25	3.20	1.00	45TD20
SWGTOS2025-2035	250	350	1.25	3.20	1.00	45TD20
SWGTOS2025-2075CC	250	3/4" Cu Rod	1.25	3.20	1.00	45TD20
SWGTOS2430-2425	300	250	1.50	3.57	1.25	45TD24
SWGTOS2435	350	350	1.50	3.57	1.25	45TD24
SWGTOS2450-2425	500	250	1.50	3.57	1.25	45TD24
SWGTOS2450-2430	500	300	1.50	3.57	1.25	45TD24
SWGTOS2450-2435	500	350	1.50	3.57	1.25	45TD24
SWGTOS2450-2440	500	400	1.50	3.57	1.25	45TD24
SWGTOS2450	500	500	1.50	3.57	1.25	45TD24

TYPE SWGTS Swage Split Tee Connector

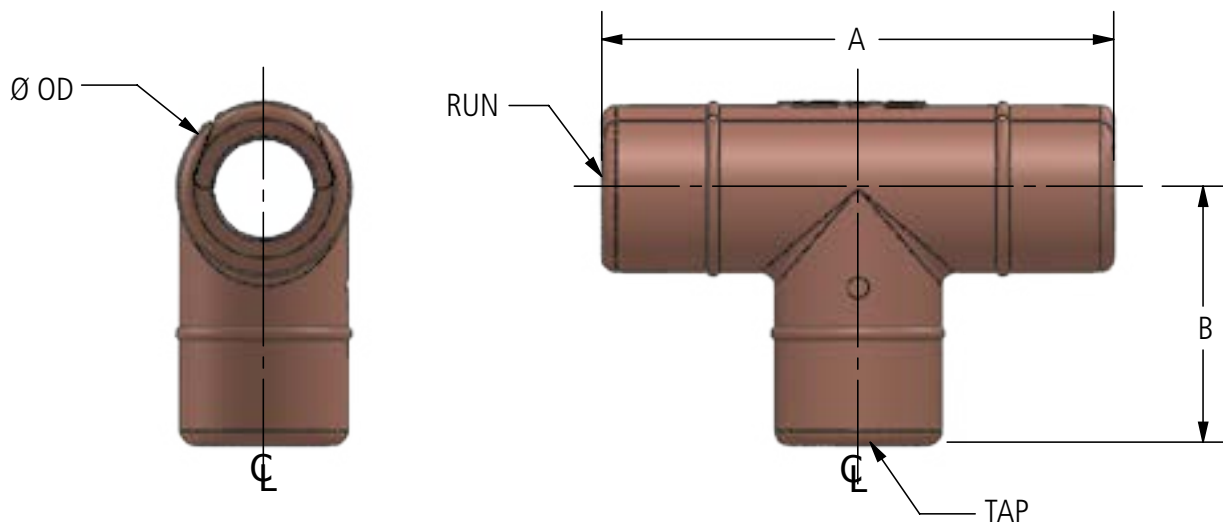
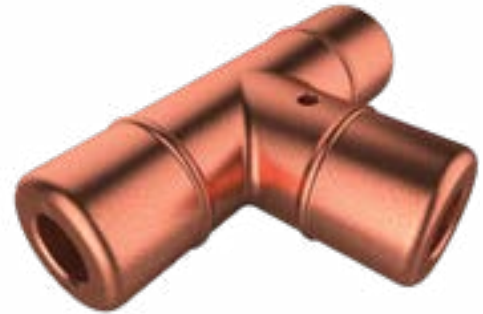
A Swage type tee connector with a sliding channel used to connect a cable/rod run to another cable/rod.

Material

Copper Alloy

Notes

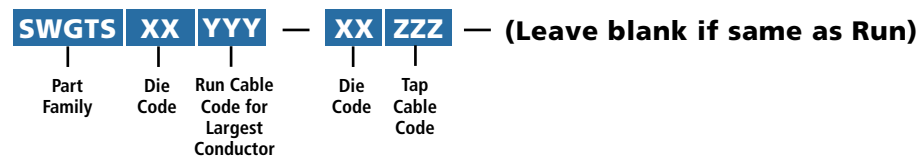
- For tin plating, add "-SN" to end of catalog number.
EX: SWGTS2013-SN.
- For detailed conductor range information, please see page 33 (L11557).



continued
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TYPE SWGTS Swage Split Tee Connector

Ordering Information



Die Code comes from maximum connector OD from Table below.

- EX: Tin plated split tee for 250MCM Cu to 500MCM Cu is SWGTS2450-2425-SN
- EX: Split tee for 250MCM Cu to 250MCM is SWGTS2025

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS (inches)			DIE SIZE
	RUN	TAP	OD	A	B	
SWGTS202-2021	#6	4/0	1.25	4.34	2.17	45TD20
SWGTS2013	1/0-2/0	1/0-2/0	1.25	4.34	2.17	45TD20
SWGTS2013-2021	1/0-2/0	4/0	1.25	4.34	2.17	45TD20
SWGTS2013-2025	1/0-2/0	250	1.25	4.34	2.17	45TD20
SWGTS2013-2035	1/0-2/0	350	1.25	4.34	2.17	45TD20
SWGTS2013-2045	1/0-2/0	450	1.25	4.34	2.17	45TD20
SWGTS2017-2013	3/0	2/0	1.25	4.34	2.17	45TD20
SWGTS2017	3/0	3/0	1.25	4.34	2.17	45TD20
SWGTS2017-2025	3/0	250	1.25	4.34	2.17	45TD20
SWGTS2021-204	4/0	#4	1.25	4.34	2.17	45TD20
SWGTS2021-206	4/0	#2	1.25	4.34	2.17	45TD20
SWGTS2021-2013	4/0	2/0	1.25	4.34	2.17	45TD20
SWGTS2021	4/0	4/0	1.25	4.34	2.17	45TD20
SWGTS2021-2025	4/0	250	1.25	4.34	2.17	45TD20
SWGTS2021-2035	4/0	350	1.25	4.34	2.17	45TD20
SWGTS2021-2045	4/0	450	1.25	4.34	2.17	45TD20
SWGTS2021-2075C	4/0	3/4" Cu Rod	1.25	4.34	2.17	45TD20
SWGTS2025-204	250	#4	1.25	4.34	2.17	45TD20
SWGTS2025-206	250	#2	1.25	4.34	2.17	45TD20
SWGTS2025-2013	250	2/0	1.25	4.34	2.17	45TD20
SWGTS2025-2017	250	3/0	1.25	4.34	2.17	45TD20
SWGTS2025-2021	250	4/0	1.25	4.34	2.17	45TD20
SWGTS2025	250	250	1.25	4.34	2.17	45TD20
SWGTS2025-2035	250	350	1.25	4.34	2.17	45TD20
SWGTS2025-2045	250	450	1.25	4.34	2.17	45TD20
SWGTS2025-2075C	250	3/4" Cu Rod	1.25	4.34	2.17	45TD20
SWGTS2413-2450	2/0	500	1.50	4.60	2.30	45TD24
SWGTS2421-2450	4/0	500	1.50	4.60	2.30	45TD24
SWGTS2421-2445	4/0	450	1.50	4.60	2.30	45TD24
SWGTS2425-2435	250	350	1.50	4.60	2.30	45TD24
SWGTS2425-2450	250	500	1.50	4.60	2.30	45TD24
SWGTS2425-2445	250	450	1.50	4.60	2.30	45TD24
SWGTS2425-24100C	250	1" Cu Rod	1.50	4.60	2.30	45TD24
SWGTS2430-2425	300	250	1.50	4.60	2.30	45TD24
SWGTS2430	300	300	1.50	4.60	2.30	45TD24
SWGTS2430-2440	300	400	1.50	4.60	2.30	45TD24
SWGTS2435-2425	350	250	1.50	4.60	2.30	45TD24
SWGTS2435	350	350	1.50	4.60	2.30	45TD24
SWGTS2445-2421	450	4/0	1.50	4.60	2.30	45TD24
SWGTS2450-246	500	#2	1.50	4.60	2.30	45TD24
SWGTS2450-2413	500	2/0	1.50	4.60	2.30	45TD24
SWGTS2450-2421	500	4/0	1.50	4.60	2.30	45TD24
SWGTS2450-2425	500	250	1.50	4.60	2.30	45TD24
SWGTS2450	500	500	1.50	4.60	2.30	45TD24
SWGTS2450-2430	500	300	1.50	4.60	2.30	45TD24
SWGTS2450-2445	500	450	1.50	4.60	2.30	45TD24
SWGTS2450-24100C	500	1" Cu Rod	1.50	4.60	2.30	45TD24

TYPE SWGX Swage Cross

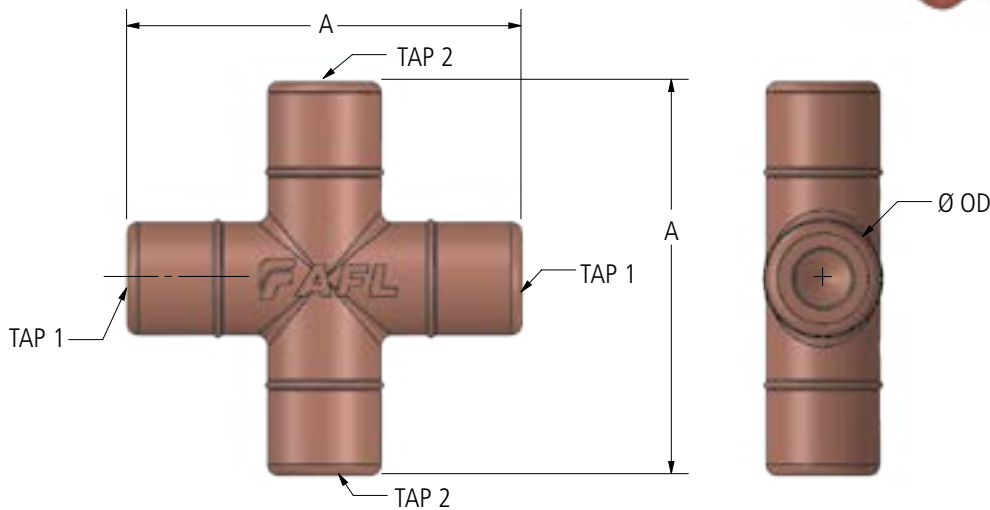
A Swage type four-tap connector cross connects four cable or rod together.

Material

Copper Alloy

Notes

- For tin plating, add "-SN" to end of catalog number. EX: SWGX2025-SN.
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWG	X	XX	YYY	—	XX	ZZZ	— (Leave blank if same as Run)
Part Family	Die Code	Tap 1 Cable Code for Largest Conductor	Die Code	Tap 2 Cable Code			

Die Code comes from maximum connector OD from Table at right.

- EX: Tin-plated cross for 500MCM Cu to 250MCM Cu is SWGX2450-2425-SN
- EX: Cross for 250MCM Cu to 250MCM is SWGX2025

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS (inches)		DIE SIZE
	TAP 1	TAP 2	OD	A	
SWG2013	1/0-2/0	1/0-2/0	1.25	4.34	45TD20
SWG2017	3/0	3/0	1.25	4.34	45TD20
SWG2021	4/0	4/0	1.25	4.34	45TD20
SWG2025-2013	250	1/0-2/0	1.25	4.34	45TD20
SWG2025-2021	250	4/0	1.25	4.34	45TD20
SWG2025	250	250	1.25	4.34	45TD20
SWG2025-2035	250	350	1.25	4.34	45TD20
SWG2413-2450	1/0-2/0	500	1.50	4.60	45TD24
SWG2421	4/0	4/0	1.50	4.60	45TD24
SWG2430-2425	300	250	1.50	4.60	45TD24
SWG2450-2425	500	250	1.50	4.60	45TD24
SWG2450	500	500	1.50	4.60	45TD24

TYPE SWGXH Swage Thru-Hole Cross

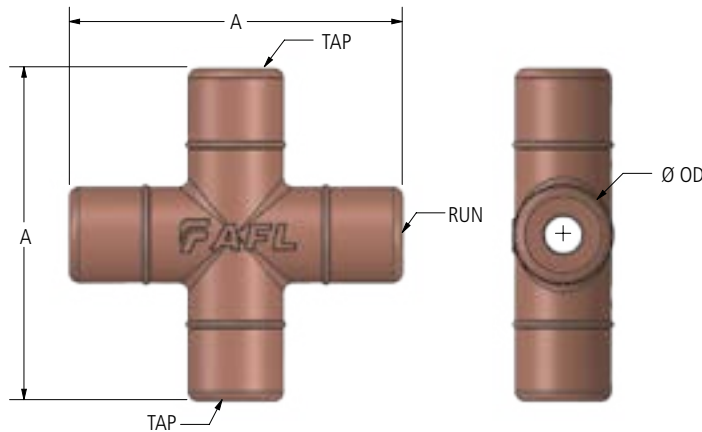
A Swage type cross connector has a thru-hole run and two taps.

Material

Copper Alloy

Notes

- For tin plating add "-SN" to catalog number. EX: SWGXH2025-SN.
- For detailed conductor range information, please see page 33 (L11557).



Ordering Information

SWGXH	XX	YYY	—	XX	ZZZ	(Leave blank if same as Run)
Part Family	Die Code	Run Cable Code for Largest Conductor		Die Code	Tap Cable Code	

Die Code comes from maximum connector OD from Table at right.

- EX: Tin plated thru-hole cross for 250MCM Cu to 500MCM Cu is SWGXH2450-25-SN
- EX: Thru-hole cross for 250MCM Cu to 250MCM is SWGXH2025

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS (inches)		DIE SIZE
	RUN	TAP	OD	A	
SWGXH2013	1/0-2/0	1/0-2/0	1.25	4.34	45TD20
SWGXH2013-2035	1/0-2/0	350	1.25	4.34	45TD20
SWGXH2017	3/0	3/0	1.25	4.34	45TD20
SWGXH2021-2013	4/0	1/0-2/0	1.25	4.34	45TD20
SWGXH2021	4/0	4/0	1.25	4.34	45TD20
SWGXH2021-2035	4/0	350	1.25	4.34	45TD20
SWGXH2021-2045	4/0	450	1.25	4.34	45TD20
SWGXH2025-206	250	#2	1.25	4.34	45TD20
SWGXH2025-2013	250	1/0-2/0	1.25	4.34	45TD20
SWGXH2025	250	250	1.25	4.34	45TD20
SWGXH2025-2030	250	300	1.25	4.34	45TD20
SWGXH2025-2045	250	450	1.25	4.34	45TD20
SWGXH2035-2025	350	250	1.25	4.34	45TD20
SWGXH2435-2450	350	500	1.50	4.60	45TD24
SWGXH2450-2425	500	250	1.50	4.60	45TD24
SWGXH2450	500	500	1.50	4.60	45TD24

TYPE SWGXOSS Swage Offset Split Cross

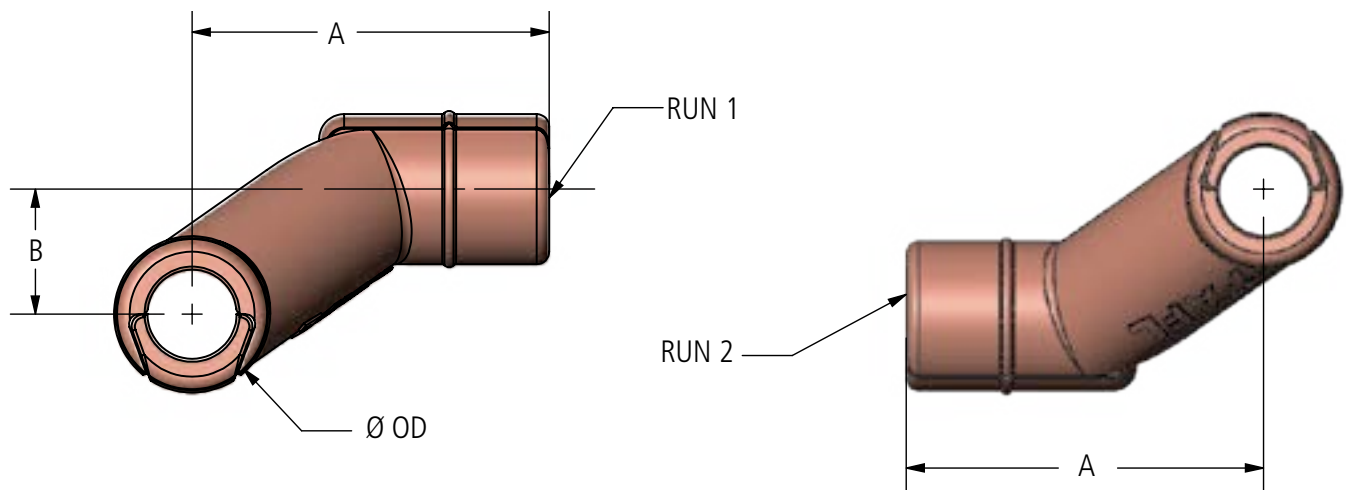
A Swage type offset split cross connector used to connect a cable run to another cable. It features two sliding channels for ease of installation.

Material

Copper Alloy

Notes

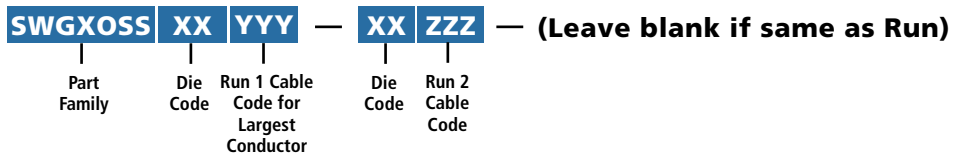
- For tin plating add "-SN" to catalog number. EX: SWGXOSS2450-SN.
- For detailed conductor range information, please see page 33 (L11557).



continued
→

TYPE SWGXOSS Swage Offset Split Cross

Ordering Information



Die Code comes from maximum connector OD from Table below.

- EX: Tin plated offset split cross for 250MCM Cu to 500MCM Cu is SWGXOSS2425-2450-SN
- EX: Offset split cross for 250MCM Cu to 250MCM is SWGXOSS2025

AFL NO.	COPPER CABLE (AWG OR KCMIL)		DIMENSIONS (inches)			DIE SIZE
	RUN 1	RUN 2	OD	A	B	
SWGXOSS202-2021	#6	4/0	1.25	3.20	1.00	45TD20
SWGXOSS2013	1/0	2/0	1.25	3.20	1.00	45TD20
SWGXOSS2013-2075C		3/4" CU ROD	1.25	3.20	1.00	45TD20
SWGXOSS2017	3/0	3/0	1.25	3.20	1.00	45TD20
SWGXOSS2017-2025		250	1.25	3.20	1.00	45TD20
SWGXOSS2017-2075C		3/4" CU ROD	1.25	3.20	1.00	45TD20
SWGXOSS2021-2013	4/0	1/0	1.25	3.20	1.00	45TD20
SWGXOSS2021-2017		3/0	1.25	3.20	1.00	45TD20
SWGXOSS2021		4/0	1.25	3.20	1.00	45TD20
SWGXOSS2021-2025		250	1.25	3.20	1.00	45TD20
SWGXOSS2025-2013	250	1/0	1.25	3.20	1.00	45TD20
SWGXOSS2025-2021		4/0	1.25	3.20	1.00	45TD20
SWGXOSS2025		250	1.25	3.20	1.00	45TD20
SWGXOSS2075C-2021	3/4" CU ROD	4/0	1.25	3.20	1.00	45TD20
SWGXOSS2421-2450	4/0	500	1.50	3.57	1.25	45TD24
SWGXOSS2425-2450	250	500	1.50	3.57	1.25	45TD24
SWGXOSS2430-2421	300	4/0	1.50	3.57	1.25	45TD24
SWGXOSS2430-2425		250	1.50	3.57	1.25	45TD24
SWGXOSS2430		300	1.50	3.57	1.25	45TD24
SWGXOSS2435-2421	350	4/0	1.50	3.57	1.25	45TD24
SWGXOSS2435-2425		250	1.50	3.57	1.25	45TD24
SWGXOSS2435		300	1.50	3.57	1.25	45TD24
SWGXOSS2450	500	500	1.50	3.57	1.25	45TD24
SWGXOSS2475C-2421	3/4" CU ROD	4/0	1.50	3.57	1.25	45TD24

TYPE SWGFP Swage Fence Post Connector

A Swage type fence post connector that connects cable(s) or rod(s) to a post.

Material

Copper

Hardware

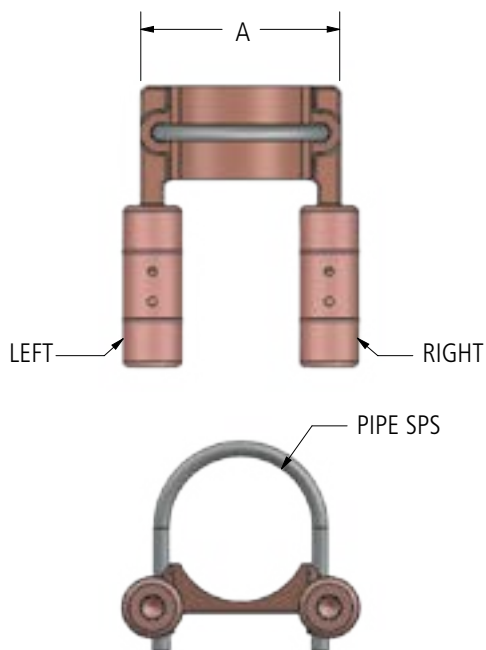
Stainless steel U-bolts, lockwashers and Everdur nuts

Notes

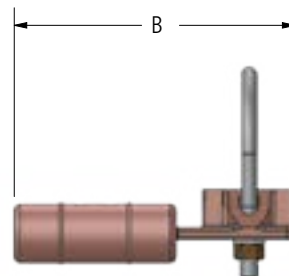
- For tin plating, add "-SN" to catalog number. EX: SWGFP300-2450-2450-SN.
- For detailed conductor range information, please see page 33 (L11557).



SWGFP



SWGFP-R



SWGFP-L

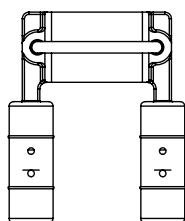


FIGURE 1—BOTH

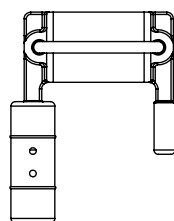


FIGURE 2—LEFT

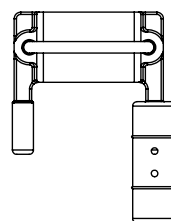
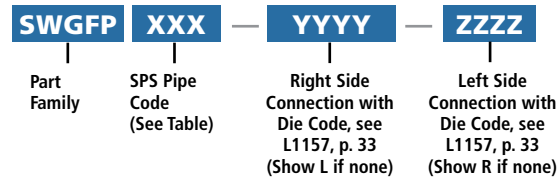


FIGURE 3—RIGHT

continued
→

TYPE SWGFP Swage Fence Post Connector

Ordering Information



Die Code comes from maximum connector OD Table on L11557 (page 33).

- EX: Tin plated fence post for both sides 500MCM on a 3" pipe is SWGFP300-2450-2450-SN
- EX: Fence post for 4/0 on the left on a 1.50" pipe is SWGFP150-L-2021.

SPS (INCHES)	PIPE CODE	DIMENSIONS (inches)	
		A	B
1.00	100	2.31	5.00
1.25	125	3.00	5.75
1.50	150	3.50	5.75
2.00	200	3.69	6.00
2.50	250	4.25	6.00
3.00	300	5.19	6.50
3.50	350	5.88	6.50
4.00	400	6.38	6.63
5.00	500	7.53	6.75
6.00	600	8.69	7.00
8.00	800	10.78	7.25

TYPE SWGFPB Swage Fence Post and Gate Connector

This is a fence post connector that connects the cable(s) or rod(s) to a fencepost and then to a gate.

Material

Copper Alloy

Hardware

Stainless steel U-bolts, lockwashers and Everdur nuts

Notes

- For tin plating, add "-SN" to catalog number.
EX: SWGFPB300-2450-2450-150-SN.
- For detailed conductor range information, please see page 33 (L11557).
- Default braid length is 12". Other lengths available upon request.

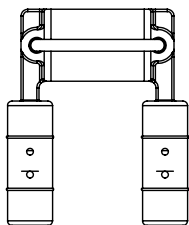
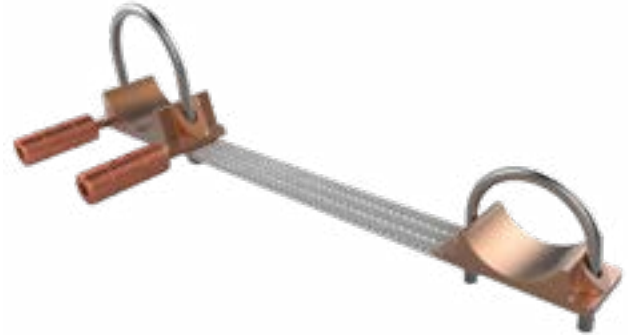


FIGURE 1—BOTH

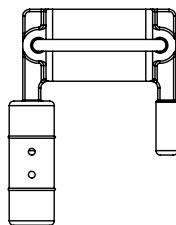


FIGURE 2—LEFT

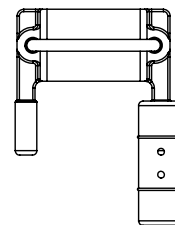
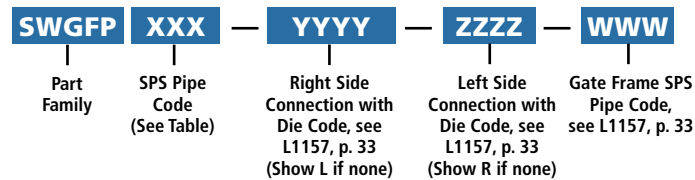


FIGURE 3—RIGHT

continued
→

TYPE SWGFPB Swage Fence Post and Gate Connector

Ordering Information



Die Code comes from maximum connector OD Table on L11557 (page 33).

- EX: Tin plated fence post bracket for both sides 500MCM on a 3" pipe mounted to a 1.50" pipe (Gate Frame) is SWGFPB300-2450-2450-150-SN.
- EX: Fence post bracket for 4/0 on the left on a 1.50" pipe mounted to a 1.50" pipe (Gate Frame) is SWGFPB150-L-2021-150.

Connector

SPS (inches)	PIPE CODE	A (inches)
1.00	100	5.00
1.25	125	5.75
1.50	150	5.75
2.00	200	6.00
2.50	250	6.00
3.00	300	6.50
3.50	350	6.50
4.00	400	6.63
5.00	500	6.75
6.00	600	7.00
8.00	800	7.25

Gate Frame

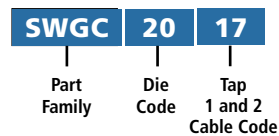
SPS (inches)	PIPE CODE	A (inches)
1.00	100	1.00
1.25	125	1.75
1.50	150	1.75
2.00	200	2.00
2.50	250	2.00
3.00	300	2.50

Swage Grounding Conductor Range

Notes

- Swage Grounding products will be marked with cable equivalent size. Other permissible connections are shown in the table below.
- All Swage Grounding parts with compression barrels must be stamped with the target conductor offering on that size.
- Stamping should include:
 - AFL
 - AFL No.
 - Target conductor for both runs and/or taps
 - Die size
- Use table below to determine the copper cable equivalent target size. For sizes without a Copper cable listed, use intended rod size (i.e. 75C mark as 3/4" Cu Rod).
- 242050F requires two die crimps. Stamp "45TD24", 45TD20" & "Must be swaged with both dies" on part.

Part Number



Product Stamp

AFL
SWGC2017
3/0 CU
45TD20



AFL
SWGC2017-2013
TAP 1 3/0 CU
TAP 2 1/0-2/0 CU
45TD20

Cable Equivalent

DMC CODE	AFL CABLE CODE	COPPER	COPPERCLAD CABLE	COPPERCLAD ROD	STEEL ROD OR REBAR
06G	2	#6	1/#6	—	—
04G	4	#4	1/#4 & 3/#10	—	—
02G	6	#2	1/#2, 3/#8 & 3/#9	—	—
002	13	1/0-2/0	3/#5, 3/#6, 3/#7, 7/#8, 7/#9, & 7/#10	—	—
003	17	3/0	7/#7 & 7/#6	—	#3 REBAR
004	21	4/0	7/#5	—	—
025	25	250 MCM	19/#9	—	#4 REBAR
030	30	300 MCM	19/#8	—	—
035	35	350 MCM	—	5/8" PLAIN AND THREADED	—
040	40	400 MCM	19/#7	—	—
625	62S	—	—	—	#5 REBAR
045	45	450 MCM	—	—	—
682	75C	—	—	3/4" PLAIN AND THREADED	—
050	50	500 MCM	19/#6	—	—
053	50R	500 ROPELAY	19/#5	—	—

115TPUHAD Swage 115 Ton Press Assembly

A Swage 115 Ton Press Assembly is a portable construction and maintenance tool designed to Swage 6-inch bus accessories onto a bus. The power unit works with the 6-inch Head Assembly. The Catalog Number below provides everything needed for 6-inch pipe.

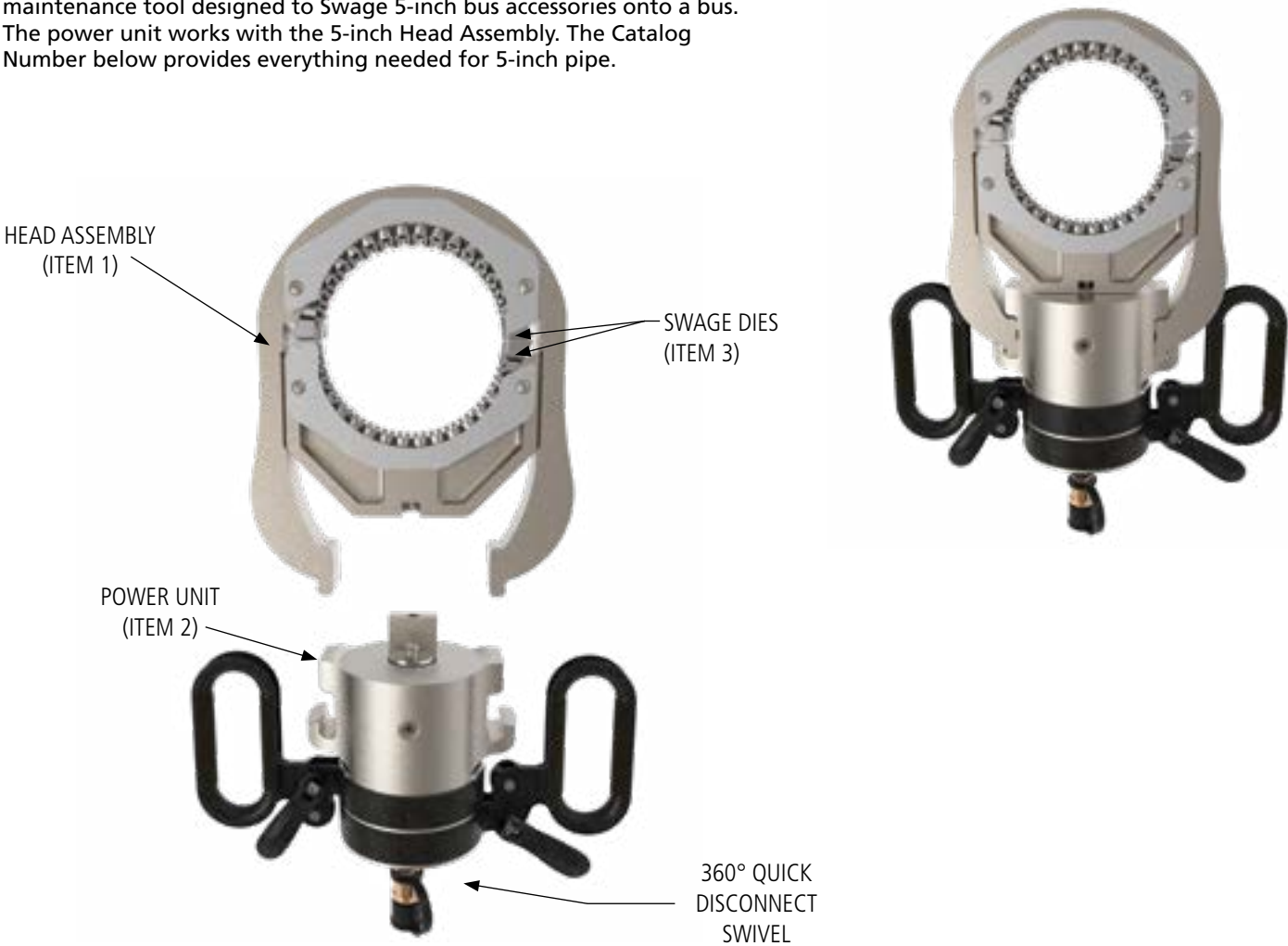


Ordering Information

AFL NO.	S.P.S.	ITEM 1	ITEM 2	ITEM 3	ITEM 4
		PRESS HEAD	POWER UNIT	DIE	INSPECTION GAUGE
115TPUHAD600	6	115THA600	115TPU	115TD600	SWGGB600

85TPUHAD Swage 85 Ton Press Assembly

A Swage 85 Ton Press Assembly is a portable construction and maintenance tool designed to Swage 5-inch bus accessories onto a bus. The power unit works with the 5-inch Head Assembly. The Catalog Number below provides everything needed for 5-inch pipe.

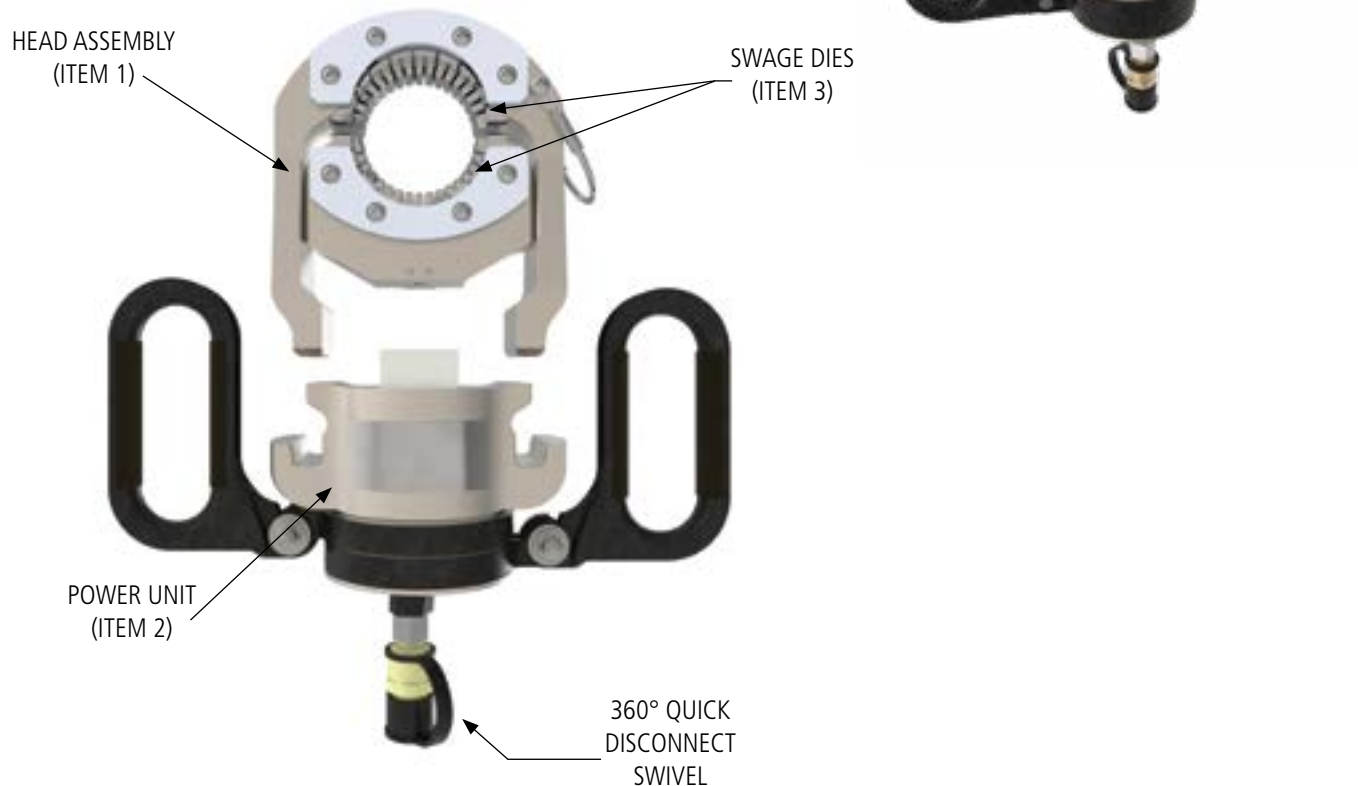


Ordering Information

AFL NO.	S.P.S.	ITEM 1	ITEM 2	ITEM 3	ITEM 4
		PRESS HEAD	POWER UNIT	DIE	INSPECTION GAUGE
85TPUHAD500	5	85THA500	85TPU	85TD500	SWGGB500

65TPUHAD Swage 65 Ton Press Assembly

A Swage 65 Ton Press Assembly is a portable construction and maintenance tool designed to Swage bus and cable accessories onto a bus pipe or cable. The power unit works with 1" through 4" Head Assemblies. The Catalog Number below provides everything needed for each pipe size. For more sizes, order extra press heads and dies from the Head and Dies section.



Ordering Information

AFL NO.	S.P.S.	ITEM 1	ITEM 2	ITEM 3	ITEM 4
		PRESS HEAD	POWER UNIT	DIE	INSPECTION GAUGE
65TPUHAD100	1	65THA200-L	65TPU-L	65TD100	SWGGB100
65TPUHAD150	1.5			65TD150	SWGGB150
65TPUHAD200	2			65TD200	SWGGB200
65TPUHAD44	2.75 O.D.			65TD44L	SWGGB44
65TPUHAD250	2.5	65THA300		65TD250	SWGGB250
65TPUHAD300	3			65TD300	SWGGB300
65TPUHAD350	3.5	65THA400		65TD350	SWGGB350
65TPUHAD400	4			65TD400	SWGGB400

65THA Swage 65 Ton Press Head

A Swage 65 Ton Press Head comes with the Press Head, Die Block, Die Retainers and mounting screws. There are three different press heads that fit different dies.

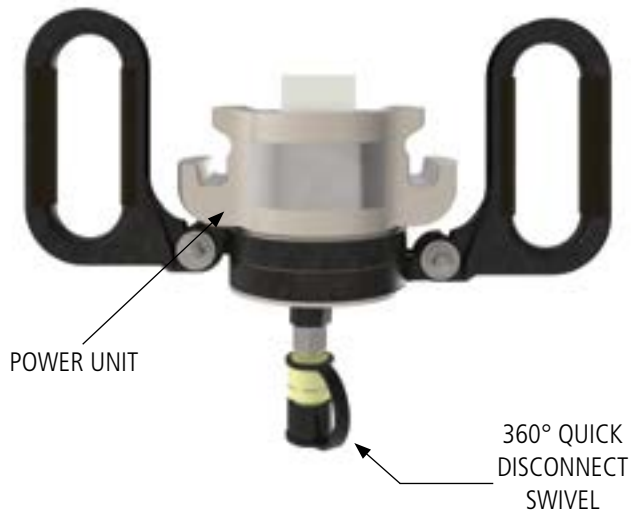
Ordering Information

AFL NO.	S.P.S.	DIE SIZE
65THA200-L	1	65TD100
	1.5	65TD150
	2	65TD200
	2.75 O.D.	65TD44L
65THA300	2.5	65TD250
	3	65TD300
65THA400	3.5	65TD350
	4	65TD400



65TPU Swage 65 Ton Power Unit

A Swage 65 Ton Power Unit is a 65 ton construction and maintenance tool designed to cover a full range of Swage accessories which works with 2" through 4" Head Assemblies. The 65TPU features a 360 degree hose swivel for ease of movement for the user to make the Swage process quick and easy.



Ordering Information

AFL NO.	S.P.S.	DIE SIZE
65TPU-L	1	65TD100
	1.5	65TD150
	2	65TD200
	2.75 O.D.	65TD44L
	2.5	65TD250
	3	65TD300
	3.5	65TD350
	4	65TD400

65TD Swage 65 Ton Die Set

A Swage 65 Ton Die Set comes with two dies per pipe size. These dies are available in 1", 1.5", 2", 2.5", 2.75" O.D., 3", 3.5" and 4" dies. Not all dies fit one press head—ensure you have the correct head assembly for the size dies needed.

Ordering Information

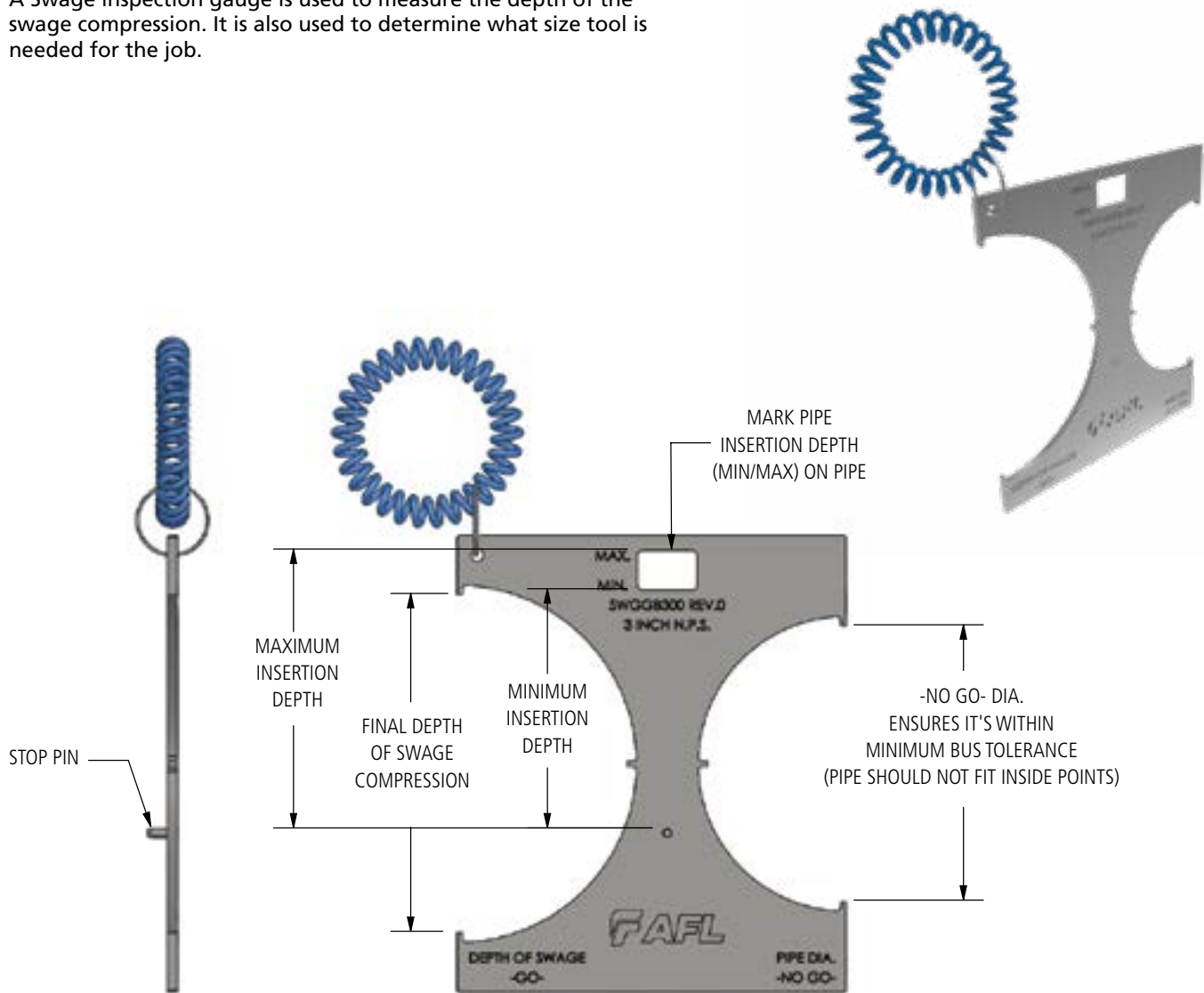
AFL NO.	S.P.S.	COMPATIBLE WITH PRESS HEAD	DIE SIZE
Dies for Swage Grounding and Cable Accessories			
65TD44L	2.75 O.D.	65THA200-L	65TD44L
Dies for Swage Bus Accessories			
65TD100	1	65THA200-L	65TD100
65TD150	1.5		65TD150
65TD200	2		65TD200
65TD250	2.5	65THA300	65TD250
65TD300	3		65TD300
65TD350	3.5	65THA400	65TD350
65TD400	4		65TD400

Note: 2.75" O.D. is for Swage Grounding and Cable Accessories.



SWGGB Swage Inspection Gauge for Bus Pipe

A Swage inspection gauge is used to measure the depth of the swage compression. It is also used to determine what size tool is needed for the job.



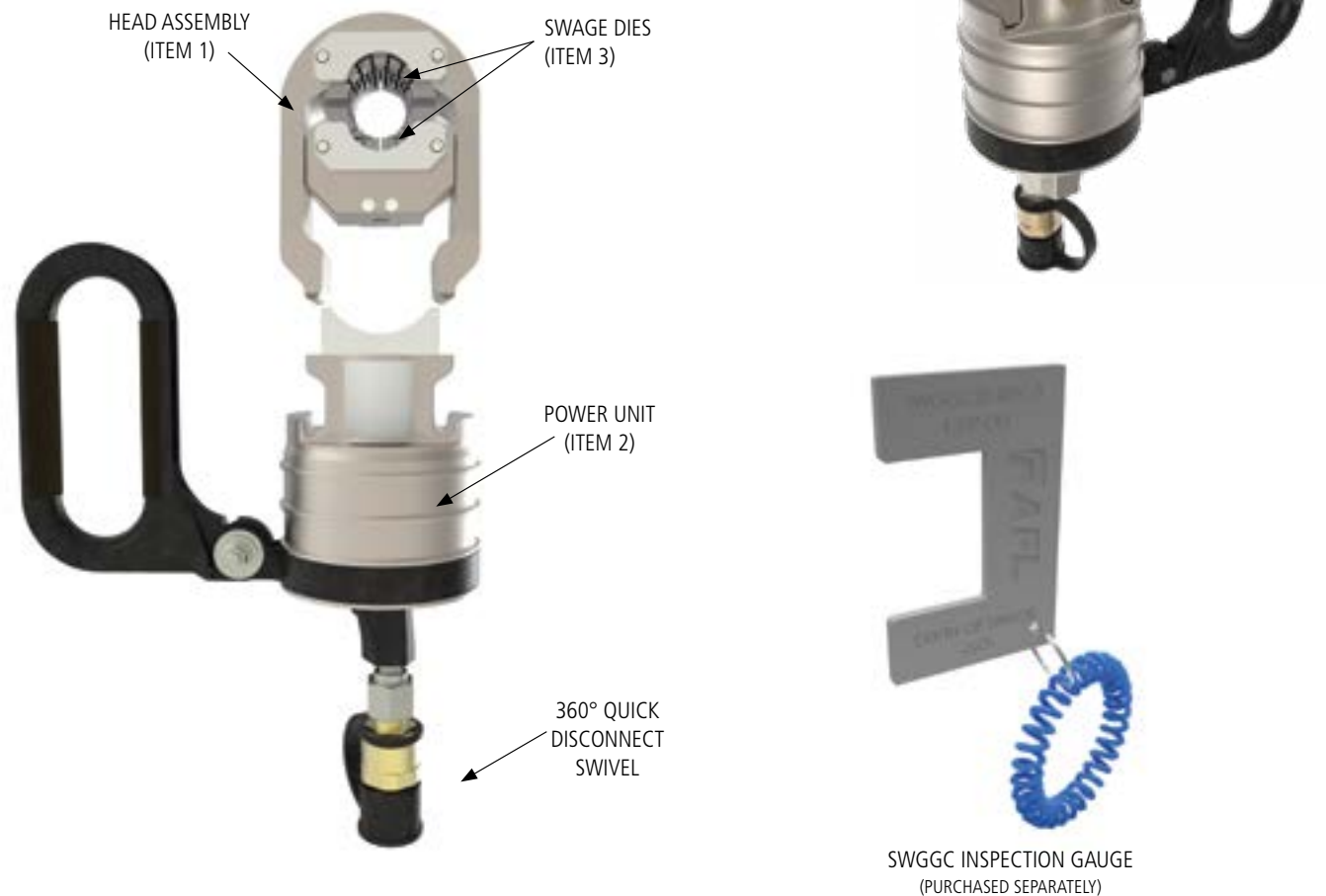
Ordering Information

AFL NO.	S.P.S.	DEPTH OF INSERTION		DIE SIZE
		MIN.	MAX.	
SWGGB100	1	1.5	2	65TD100
SWGGB150	1.5	1.5	2	65TD150
SWGGB200	2	2	2.5	65TD200
SWGGB250	2.5	2	2.5	65TD250
SWGGB300	3	3	3.5	65TD300
SWGGB350	3.5	3	3.5	65TD350
SWGGB400	4	3	3.5	65TD400
SWGGB500	5	5	5.75	85TD500
SWGGB600	6	6	6.75	115TD600

Note: Not used for Swage Grounding and Cable Accessories.

45TPUHAD Swage 45 Ton Press Assembly

A Swage 45 Ton Press Assembly is a portable construction and maintenance tool designed to Swage cable and grounding accessories onto a cable. The power unit works with 1.00" O.D. through 2.25" O.D. Head Assemblies. The Catalog Number below provides everything needed for each size. For more sizes, order extra press heads and dies from the Head and Dies section.



Ordering Information

AFL NO.	FITTING O.D. (inches)	ITEM 1	ITEM 2	ITEM 3	ITEM 4	ITEM 5
		PRESS HEAD	POWER UNIT	DIE	FILLER DIE	INSPECTION GAUGE
45TPUHAD16	1.00	45THA20	45TPU	45TD16	—	SWGGC16
45TPUHAD20	1.25	45THA20	45TPU	45TD20	—	SWGGC20
45TPUHAD24	1.50	45THA36	45TPU	45TD24*	B11336-15	SWGGC24
45TPUHAD28	1.75	45THA36	45TPU	45TD28*	B11336-15	SWGGC28
45TPUHAD30	1.88	45THA36	45TPU	45TD30*	B11336-15	SWGGC30
45TPUHAD32	2.00	45THA36	45TPU	45TD32	—	SWGGC32
45TPUHAD36	2.25	45THA36	45TPU	45TD36	—	SWGGC36

* Filler die is required for this die size.

45THA Swage 45 Ton Press Head

A Swage 45 Ton Press Head comes with the Press Head, Die Block, Die Retainers and mounting screws. There are two different press heads that fit different dies.

Ordering Information

AFL NO.	FITTING O.D. (inches)	DIE SIZE	FILLER DIE
45THA20	1.00	45TD16	—
	1.25	45TD20	—
	1.50	45TD24	B11336-15
	1.75	45TD28	B11336-15
45THA36	1.88	45TD30	B11336-15
	2.00	45TD32	—
	2.25	45TD36	—



45TPU Swage 45 Ton Power Unit

A Swage 45 Ton Power Unit is a 45 Ton construction and maintenance tool designed to cover a full range of Swage cable and grounding accessories.

The power unit works with 1.00" O.D. through 2.25" O.D. Head Assemblies. The 45TPU features a 360-degree hose swivel for ease of movement for the user to make the Swage process quick and easy.



Ordering Information

AFL NO.	FITTING O.D. (inches)	DIE SIZE
45TPU	1.000	45TD16
	1.250	45TD20
	1.500	45TD24
	1.750	45TD28
	1.875	45TD30
	2.000	45TD32
	2.250	45TD36

45TD Swage 45 Ton Die Set

A Swage 45 Ton Die Set comes with two dies per pipe size. Not all dies fit one press head—ensure you have the correct head assembly for the size dies needed.

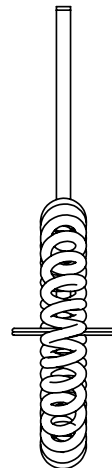
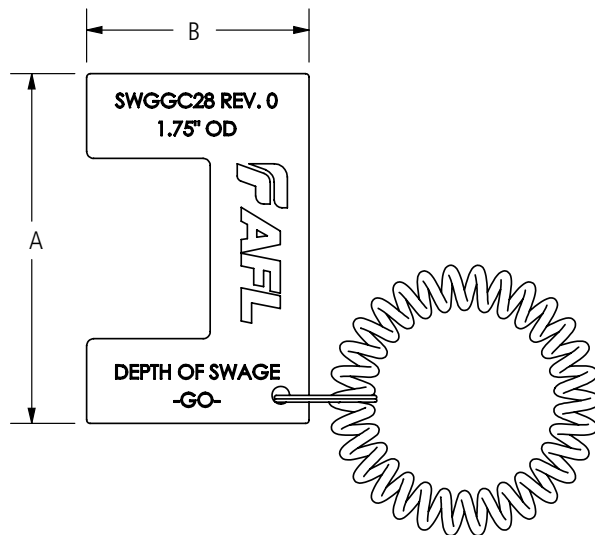
Ordering Information

AFL NO.	FITTING O.D. (inches)	COMPATIBLE WITH PRESS HEAD	DIE SIZE	FILLER DIE
45TD16	1.000	45THA20	45TD16	—
45TD20	1.250	45THA20	45TD20	—
45TD24	1.500	45THA36	45TD24	B11336-15
45TD28	1.750	45THA36	45TD28	B11336-15
45TD30	1.875	45THA36	45TD30	B11336-15
45TD32	2.000	45THA36	45TD32	—
45TD36	2.250	45THA36	45TD36	—



SWGGC Swage Cable Gauge

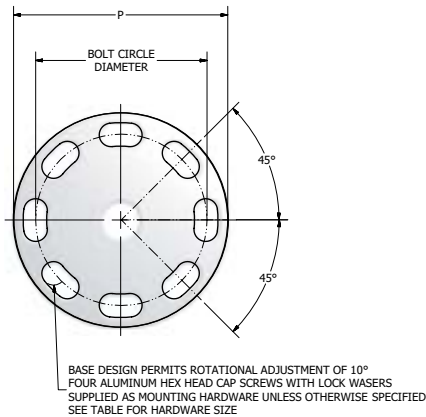
A Swage cable gauge is used to measure the depth of the swage compression. It is also used to determine what size tool is needed for the job.



Ordering Information

AFL NO.	FITTING O.D. (inches)	DIE SIZE
SWGGC16	1	45TD16
SWGGC20	1.25	45TD20
SWGGC24	1.5	45TD24
SWGGC28	1.75	45TD28
SWGGC30	1.875	45TD30
SWGGC32	2	45TD32
SWGGC36	2.25	45TD36
SWGGC44	2.75	65TD44

Bus Support Bases



BOLT CIRCLE MOUNTING	DIMENSIONS		MOUNTING HARDWARE SUPPLIED
	BASE THICKNESS	P	
in.	in.	in.	
3	0.5	4.3	1/2-13 x .87 Galvanized Steel Hex Hd. Bolts and 1/2 Lockwashers
5	0.5	6.3	5/8-11 x 1.25 Galvanized Steel Hex Hd. Bolts and 5/8 Lockwashers
7	0.5	8.5	3/4-10 x 1.50 Galvanized Steel Hex Hd. Bolts and 3/4 Lockwashers

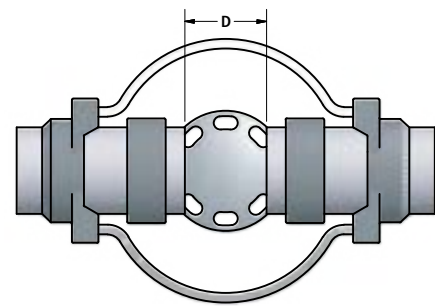
Expansion, Coupler and Support

The expansion space (Dimension "D" on illustration) provided for expansion supports and couplers is based on an installation temperature of 68°F (20°C) and an operating temperature range between 200°F (93°C) maximum and -20°F (-29°C) minimum.

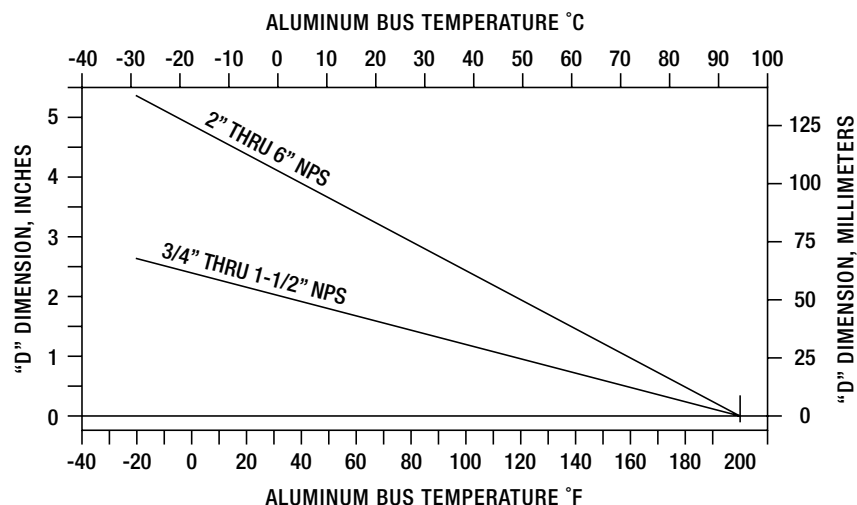
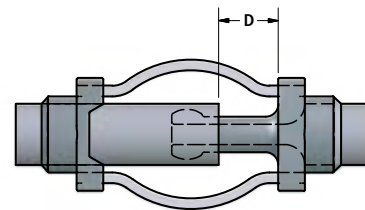
The temperature range is based on a maximum run length between fixed supports of 80 ft. (24.4 m) for 3/4" through 1-1/2" NPS and 150 ft. (45.7 m) for 2" through 6" NPS. Assembly dimensions are based on expansion support or expansion coupler being centered between fixed supports.

Spaces provided for expansion, based on an installation temperature of 68°F (20°C) are 1.75" (44.5 mm) for 3/4" through 1-1/2" NPS and 3.25" (82.6 mm) for 2" through 6" NPS. Installation dimensions must be altered to compensate for installation temperatures other than 68°F (20°C) which affects space provided for expansion ("D" on illustration) by using graph shown below.

Expansion Support



Expansion Coupler



continued
→

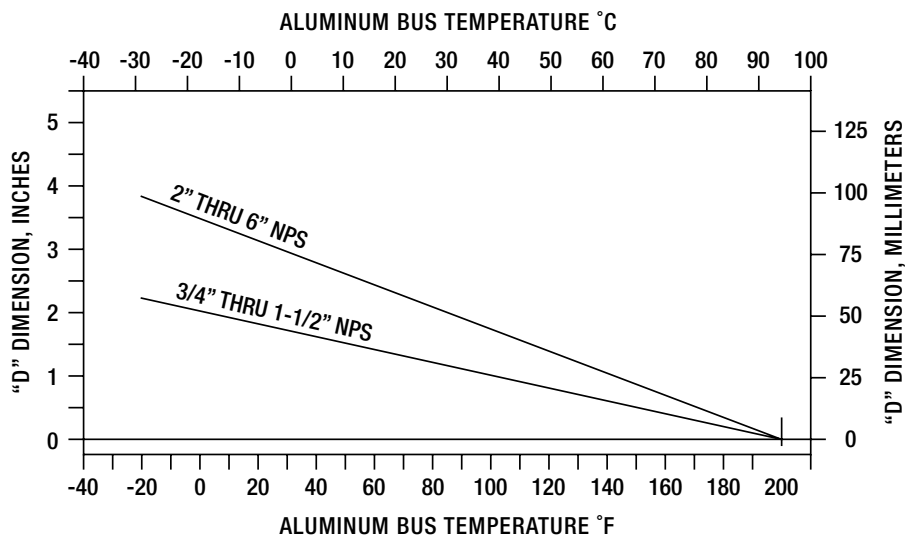
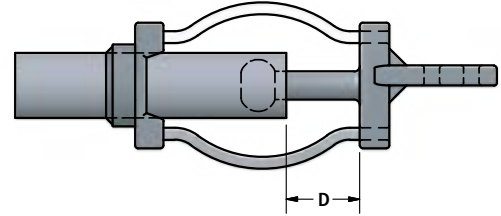
Expansion, Terminal

The expansion space (Dimension "D" on illustration) provided for expansion terminals is based on an installation temperature of 68°F (20°C) and an operating temperature range between 200°F (93°C) maximum and -20°F (-29°C) minimum.

The temperature range is based on a maximum run length between fixed support and terminal of 60 ft. (18.3 m) for 3/4" through 1-1/2" NPS and 100 ft. (30.5 m) for 2" through 6" NPS.

Spaces provided for expansion based on an installation temperature of 68°F (20°C) are 1.30" (33 mm) for 3/4" through 1-1/2" NPS and 2.25" (57 mm) for 2" through 6" NPS. Installation dimensions must be altered to compensate for installation temperatures other than 68°F (20°C) which affects space provided for expansion ("D" on illustration) by using graph shown below.

Terminal



TYPE SWEC-AA Swage Bus External End Cap

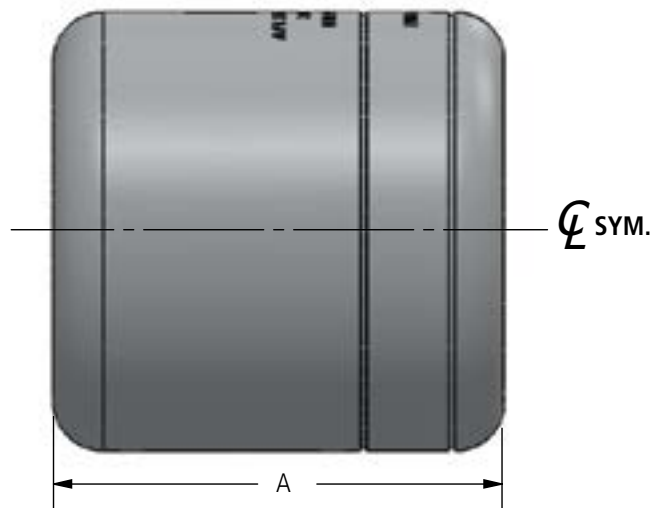
A Swage type bus external end cap.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)	DIE SIZE
		A	
SWEC100-AA	1	2.70	65TD100
SWEC150-AA	1.5	2.88	65TD150
SWEC200-AA	2	3.38	65TD200
SWEC250-AA	2.5	3.75	65TD250
SWEC300-AA	3	4.50	65TD300
SWEC350-AA	3.5	4.63	65TD350
SWEC400-AA	4	4.88	65TD400
SWEC500-AA	5	7.47	85TD500
SWEC600-AA	6	10.35	115TD600

TYPE SWECHV-AA Swage Bus Rounded External End Cap

A Swage type high voltage external end cap for bus.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.

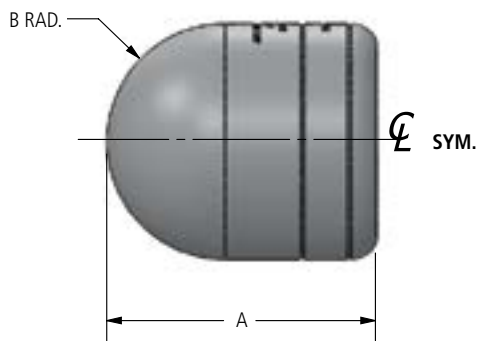


FIG. 1



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kv)
		A	B		
SWECHV100-AA	1	3.25	1.00	65TD100	230
SWECHV150-AA	1.5	3.50	1.25	65TD150	230
SWECHV200-AA	2	4.00	1.50	65TD200	230
SWECHV250-AA	2.5	4.50	1.88	65TD250	230
SWECHV300-AA	3	5.00	2.19	65TD300	230
SWECHV350-AA	3.5	5.50	2.50	65TD350	230
SWECHV400-AA	4	5.75	2.75	65TD400	230
SWECHV500-AA	5	8.49	3.25	85TD500	230
SWECHV600-AA	6	12.12	4.00	115TD600	230

TYPE SWECI-AA Swage Bus End Bushing

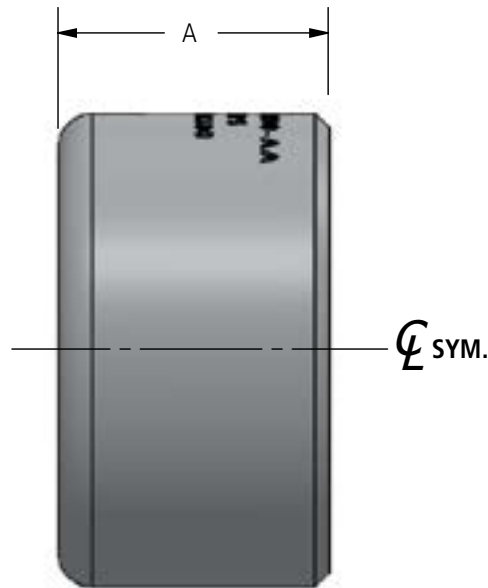
A Swage type bus end bushing to be installed in the field.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)	DIE SIZE
		A	
SWECI100-AA	1	2.00	65TD100
SWECI150-AA	1.5	2.00	65TD150
SWECI200-AA	2	2.00	65TD200
SWECI250-AA	2.5	2.00	65TD250
SWECI300-AA	3	2.00	65TD300
SWECI350-AA	3.5	2.00	65TD350
SWECI400-AA	4	2.00	65TD400
SWECI500-AA	5	4.75	85TD500
SWECI600-AA	6	4.75	115TD600

TYPE CXSWHV-AA Swage EHV End Cap—Ball

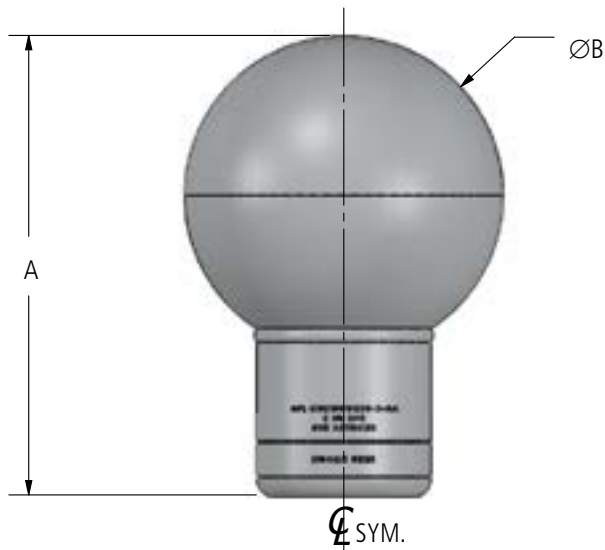
A Swage type end cap ball for high voltage.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE (kV)
		A	B		
CXSWHV300-8-AA	3	11.58	8.00	65TD300	345
CXSWHV300-13-AA	3	16.75	13.00	65TD300	500
CXSWHV350-8-AA	3.5	11.94	8.00	65TD350	345
CXSWHV350-13-AA	3.5	17.17	13.00	65TD350	500
CXSWHV400-8-AA	4	11.78	8.00	65TD400	345
CXSWHV400-13-AA	4	17.09	13.00	65TD400	500
CXSWHV500-8-AA	5	12.28	8.00	85TD500	345
CXSWHV500-13-AA	5	17.84	13.00	85TD500	500
CXSWHV600-8-AA	6	14.75	8.00	115TD600	345
CXSWHV600-13-AA	6	20.68	13.00	115TD600	500

TYPE SWC-AA Swage Bus Coupler

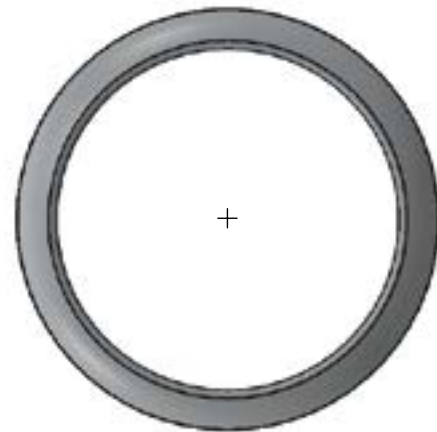
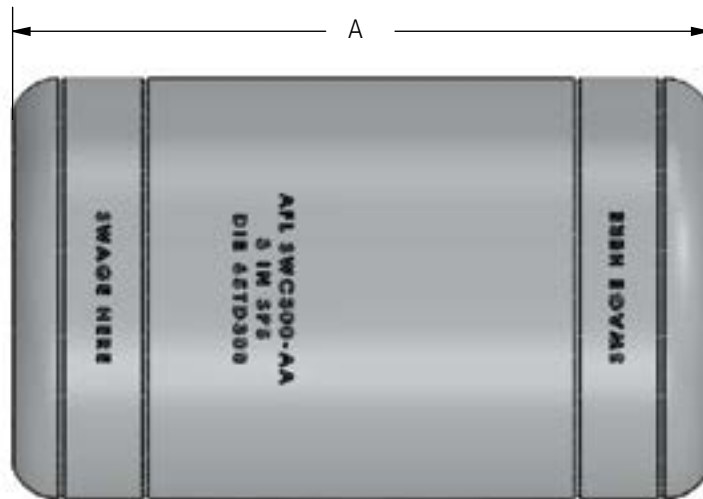
A Swage type bus coupler.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)	DIE SIZE	VOLTAGE RATING (kV)
		A		
SWC100-AA	1	6.00	65TD100	230
SWC150-AA	1.5	6.00	65TD150	230
SWC200-AA	2	6.00	65TD200	230
SWC250-AA	2.5	6.00	65TD250	230
SWC300-AA	3	7.25	65TD300	500
SWC350-AA	3.5	8.25	65TD350	500
SWC400-AA	4	9.25	65TD400	500
SWC500-AA	5	13.00	85TD500	500
SWC600-AA	6	15.00	115TD600	500

TYPE SWCL-AA Swage Bus to Bus Long Splice

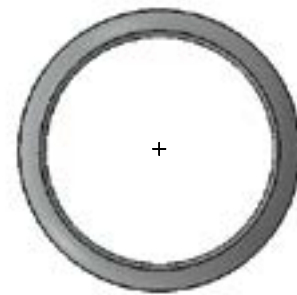
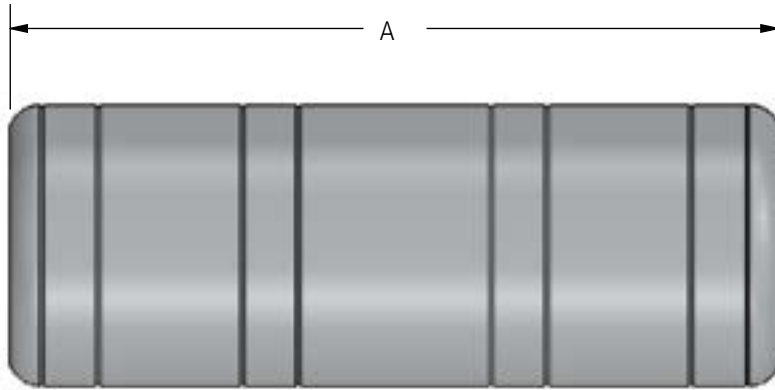
A double Swage type bus to bus long splice.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)	DIE SIZE	VOLTAGE RATING (kV)
		A		
SWCL100-AA	1	10.00	65TD100	230
SWCL150-AA	1.5	10.00	65TD150	230
SWCL200-AA	2	10.00	65TD200	230
SWCL250-AA	2.5	10.00	65TD250	230
SWCL300-AA	3	12.00	65TD300	500
SWCL350-AA	3.5	12.00	65TD350	500
SWCL400-AA	4	12.00	65TD400	500
SWCL500-AA	5	17.00	85TD500	500
SWCL600-AA	6	19.00	115TD600	500

TYPE SWCR-AA Swage Bus Reducer Splice

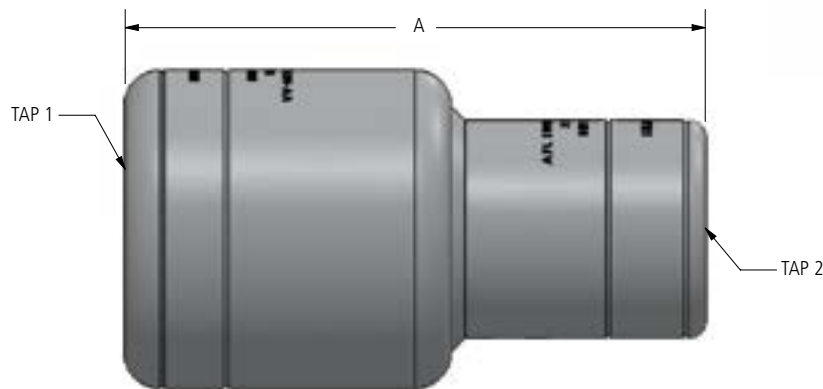
A Swage type reducer splice for bus.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



Ordering Information

AFL NO.	S.P.S.		DIMENSIONS (inches)	DIE SIZE		VOLTAGE RATING (kV)
	TAP 1	TAP 2		TAP 1	TAP 2	
SWCR150-100-AA	1.5	1	6.38	65TD150	65TD100	230
SWCR200-150-AA	2	1.5	6.88	65TD200	65TD150	230
SWCR250-200-AA	2.5	2	7.25	65TD250	65TD200	230
SWCR300-150-AA	3	1.5	8.00	65TD300	65TD150	230
SWCR300-200-AA	3	2	8.00	65TD300	65TD200	230
SWCR300-250-AA	3	2.5	8.00	65TD300	65TD250	230
SWCR350-300-AA	3.5	3	8.13	65TD350	65TD300	500
SWCR400-200-AA	4	2	8.38	65TD400	65TD200	230
SWCR400-250-AA	4	2.5	8.38	65TD400	65TD250	230
SWCR400-300-AA	4	3	8.38	65TD400	65TD300	500
SWCR400-350-AA	4	3.5	8.38	65TD400	65TD350	500
SWCR500-200-AA	5	2	10.97	85TD500	65TD200	500
SWCR500-250-AA	5	2.5	10.97	85TD500	65TD250	500
SWCR500-300-AA	5	3	10.97	85TD500	65TD300	500
SWCR500-350-AA	5	3.5	10.97	85TD500	65TD350	500
SWCR500-400-AA	5	4	10.97	85TD500	65TD400	500
SWCR600-200-AA	6	2	11.73	115TD600	65TD200	500
SWCR600-250-AA	6	2.5	11.73	115TD600	65TD250	500
SWCR600-300-AA	6	3	11.73	115TD600	65TD300	500
SWCR600-350-AA	6	3.5	11.73	115TD600	65TD350	500
SWCR600-400-AA	6	4	11.73	115TD600	65TD400	500
SWCR600-500-AA	6	5	13.73	115TD600	85TD500	500

TYPE SWEP-AA Swage Bus Elbow

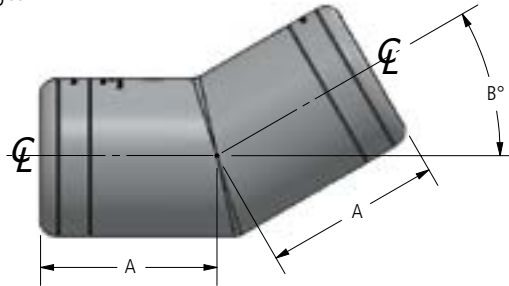
A Swage type elbow bus.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE
		A	B	
SWEP100-AA	1	4.50	90	65TD100
SWEP100-30-AA	1	3.50	30	65TD100
SWEP100-45-AA	1	3.50	45	65TD100
SWEP100-60-AA	1	4.00	60	65TD100
SWEP100-75-AA	1	4.50	75	65TD100
SWEP150-AA	1.5	5.00	90	65TD150
SWEP150-30-AA	1.5	3.50	30	65TD150
SWEP150-45-AA	1.5	4.00	45	65TD150
SWEP150-60-AA	1.5	4.00	60	65TD150
SWEP150-75-AA	1.5	5.00	75	65TD150
SWEP200-AA	2	5.50	90	65TD200
SWEP200-30-AA	2	4.00	30	65TD200
SWEP200-45-AA	2	4.50	45	65TD200
SWEP200-60-AA	2	5.00	60	65TD200
SWEP200-75-AA	2	5.50	75	65TD200
SWEP250-AA	2.5	6.00	90	65TD250
SWEP250-30-AA	2.5	4.50	30	65TD250
SWEP250-45-AA	2.5	5.00	45	65TD250
SWEP250-60-AA	2.5	5.50	60	65TD250
SWEP250-75-AA	2.5	6.00	75	65TD250
SWEP300-AA	3	8.00	90	65TD300
SWEP300-15-AA	3	5.50	15	65TD300
SWEP300-30-AA	3	5.50	30	65TD300
SWEP300-45-AA	3	6.00	45	65TD300
SWEP300-60-AA	3	6.50	60	65TD300

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE
		A	B	
SWEP300-75-AA	3	8.00	75	65TD300
SWEP350-AA	3.5	8.00	90	65TD350
SWEP350-30-AA	3.5	6.00	30	65TD350
SWEP350-45-AA	3.5	6.00	45	65TD350
SWEP350-60-AA	3.5	7.00	60	65TD350
SWEP350-75-AA	3.5	8.00	75	65TD350
SWEP400-AA	4	8.50	90	65TD400
SWEP400-15-AA	4	6.00	15	65TD400
SWEP400-30-AA	4	6.00	30	65TD400
SWEP400-45-AA	4	6.50	45	65TD400
SWEP400-60-AA	4	7.00	60	65TD400
SWEP400-70-AA	4	8.50	70	65TD400
SWEP400-75-AA	4	8.50	75	65TD400
SWEP500-AA	5	11.50	90	85TD500
SWEP500-30-AA	5	8.50	30	85TD500
SWEP500-45-AA	5	9.00	45	85TD500
SWEP500-60-AA	5	10.00	60	85TD500
SWEP500-75-AA	5	11.50	75	85TD500
SWEP600-AA	6	13.50	90	115TD600
SWEP600-15-AA	6	10.00	15	115TD600
SWEP600-30-AA	6	10.00	30	115TD600
SWEP600-45-AA	6	11.00	45	115TD600
SWEP600-60-AA	6	12.00	60	115TD600
SWEP600-75-AA	6	13.50	75	115TD600

TYPE SWEP-V-AA Swage High Voltage Bus Elbow

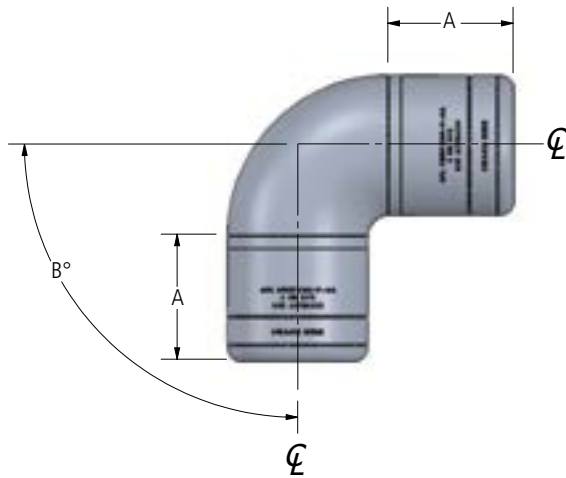
A Swage type elbow bus for use in high-voltage applications.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE
		A	B	
SWEP300-V-AA	3	3.90	90	65TD300
SWEP300-30-V-AA	3	3.90	30	65TD300
SWEP300-45-V-AA	3	3.90	45	65TD300
SWEP300-60-V-AA	3	3.90	60	65TD300
SWEP350-V-AA	3.5	3.97	90	65TD350
SWEP350-30-V-AA	3.5	3.97	30	65TD350
SWEP350-45-V-AA	3.5	3.97	45	65TD350
SWEP350-60-V-AA	3.5	3.97	60	65TD350
SWEP400-V-AA	4	3.97	90	65TD400
SWEP400-30-V-AA	4	3.97	30	65TD400
SWEP400-45-V-AA	4	3.97	45	65TD400
SWEP400-60-V-AA	4	3.97	60	65TD400
SWEP500-V-AA	5	6.16	90	85TD500
SWEP500-15-V-AA	5	6.16	15	85TD500
SWEP500-20-V-AA	5	6.16	20	85TD500
SWEP500-22-V-AA	5	6.16	22	85TD500
SWEP500-30-V-AA	5	6.16	30	85TD500
SWEP500-45-V-AA	5	6.16	45	85TD500
SWEP500-60-V-AA	5	6.16	60	85TD500
SWEP600-V-AA	6	7.15	90	115TD600
SWEP600-30-V-AA	6	7.15	30	115TD600
SWEP600-45-V-AA	6	7.15	45	115TD600
SWEP600-60-V-AA	6	7.15	60	115TD600

TYPE SWX-AA, SWXR-AA Swage Bus Cross

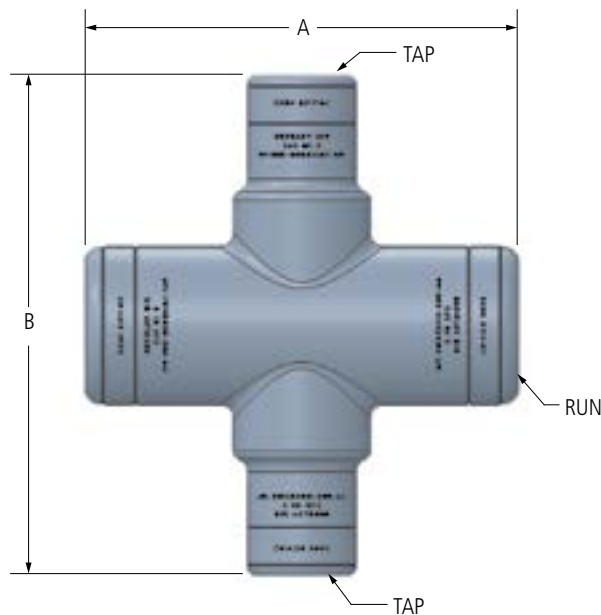
A Swage type cross to tap two bus ends to a bus run.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.



Ordering Information

AFL NO.	S.P.S.		DIMENSIONS (inches)		DIE SIZE		VOLTAGE RATING (kV)
	RUN	TAP	A	B	RUN	TAP	
SWX100-AA	1	1	10.00	8.47	65TD100	65TD100	230
SWX150-AA	1.5	1.5	10.00	8.58	65TD150	65TD150	230
SWX200-AA	2	2	10.00	11.76	65TD200	65TD200	230
SWX250-AA	2.5	2.5	10.00	10.34	65TD250	65TD250	500
SWX300-AA	3	3	12.00	12.04	65TD300	65TD300	500
SWX350-AA	3.5	3.5	12.00	11.91	65TD350	65TD350	500
SWX400-AA	4	4	12.00	12.07	65TD400	65TD400	500
SWXR200-100-AA	2	1	10.00	9.67	65TD200	65TD100	230
SWXR200-150-AA	2	1.5	10.00	9.29	65TD200	65TD150	230
SWXR250-150-AA	2.5	1.5	10.00	10.21	65TD250	65TD150	230
SWXR300-200-AA	3	2	12.00	12.64	65TD300	65TD200	500
SWXR300-250-AA	3	2.5	12.00	12.25	65TD300	65TD250	500
SWXR400-300-AA	4	3	12.00	12.19	65TD400	65TD300	500
SWXR400-350-AA	4	3.5	12.00	12.71	65TD400	65TD350	500

TYPE SWXS-AA, SWXRS-AA Swage Split Bus Cross

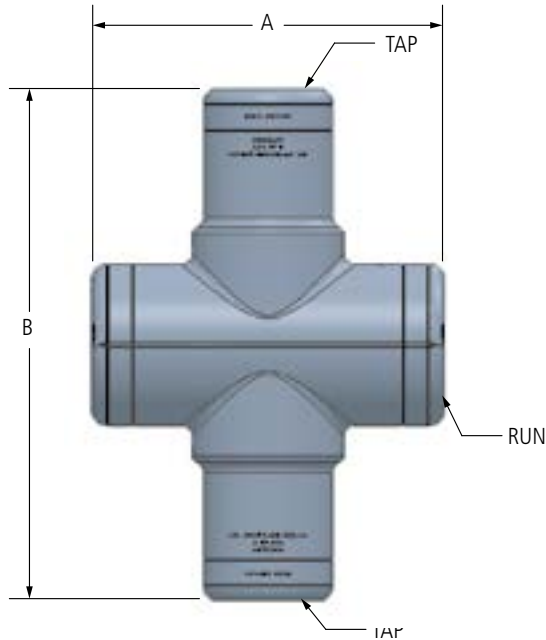
A Swage type cross to tap two bus ends to a split bus run.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.



Ordering Information

AFL NO.	S.P.S.		DIMENSIONS (inches)		DIE SIZE		VOLTAGE RATING (kV)
	RUN	TAP	A	B	RUN	TAP	
SWXS100-AA	1	1	8.50	8.47	65TD100	65TD100	230
SWXS150-AA	1.5	1.5	8.50	8.58	65TD150	65TD150	230
SWXS200-AA	2	2	10.00	11.76	65TD200	65TD200	230
SWXS250-AA	2.5	2.5	10.00	10.34	65TD250	65TD250	500
SWXS300-AA	3	3	12.00	12.04	65TD300	65TD300	500
SWXS350-AA	3.5	3.5	12.00	11.91	65TD350	65TD350	500
SWXS400-AA	4	4	12.00	12.07	65TD400	65TD400	500
SWXRS200-100-AA	2	1	8.50	9.67	65TD200	65TD100	230
SWXRS200-150-AA	2	1.5	8.50	9.29	65TD200	65TD150	230
SWXRS250-150-AA	2.5	1.5	8.50	10.21	65TD250	65TD150	230
SWXRS300-200-AA	3	2	10.00	12.64	65TD300	65TD200	500
SWXRS300-250-AA	3	2.5	10.00	12.25	65TD300	65TD250	500
SWXRS400-300-AA	4	3	12.00	12.19	65TD400	65TD300	500
SWXRS400-350-AA	4	3.5	12.00	12.71	65TD400	65TD350	500

TYPE SWT-AA, SWTS-AA Swage Bus Run to Bus Tee

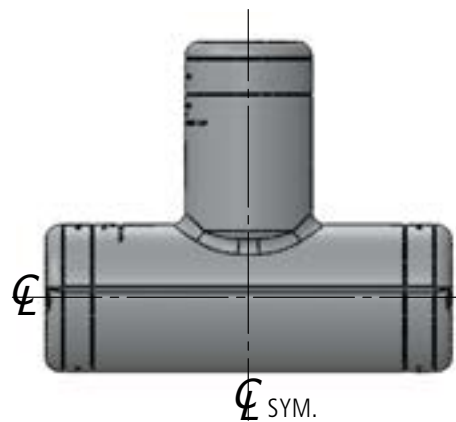
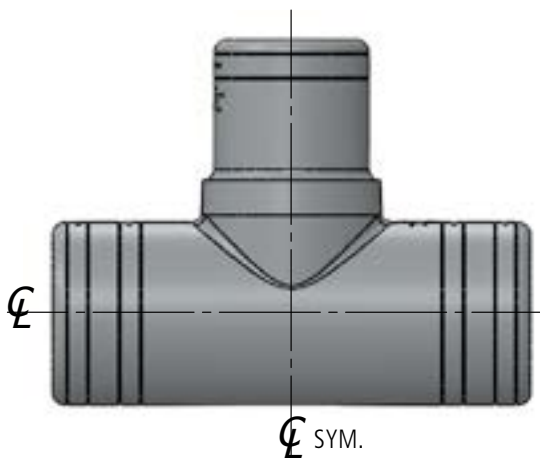
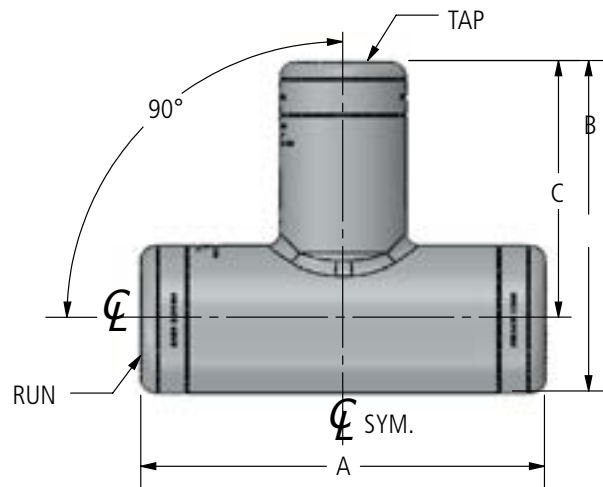
A Swage type bus run to bus tee. Run pipe available in solid pipe or split pipe configuration.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



continued

TYPE SWT-AA, SWTS-AA Swage Bus Run to Bus Tee

Ordering Information

AFL NO.		S.P.S.		DIMENSIONS (inches)			DIE SIZE		VOLTAGE RATING (kV)
SOLID PIPE	SPLIT PIPE	RUN	TAP	A	B	C	RUN	TAP	
SWT100-100-AA	SWTS100-100-AA	1	1	10.00	6.75	5.75	65TD100	65TD100	230
SWT150-100-AA	SWTS150-100-AA	1.5	1	10.00	7.25	6.00	65TD150	65TD100	230
SWT150-150-AA	SWTS150-150-AA	1.5	1.5	10.00	7.50	6.25	65TD150	65TD150	230
SWT200-100-AA	SWTS200-100-AA	2	1	10.00	7.75	6.25	65TD200	65TD100	230
SWT200-150-AA	SWTS200-150-AA	2	1.5	10.00	7.75	6.25	65TD200	65TD150	230
SWT200-200-AA	SWTS200-200-AA	2	2	10.00	7.75	6.25	65TD200	65TD200	230
SWT250-100-AA	SWTS250-100-AA	2.5	1	10.00	8.50	6.62	65TD250	65TD100	230
SWT250-150-AA	SWTS250-150-AA	2.5	1.5	10.00	8.50	6.62	65TD250	65TD150	230
SWT250-200-AA	SWTS250-200-AA	2.5	2	10.00	8.50	6.62	65TD250	65TD200	230
SWT250-250-AA	SWTS250-250-AA	2.5	2.5	12.00	8.75	6.87	65TD250	65TD250	230
SWT300-100-AA	SWTS300-100-AA	3	1	12.00	9.13	6.94	65TD300	65TD100	230
SWT300-150-AA	SWTS300-150-AA	3	1.5	12.00	9.13	6.94	65TD300	65TD150	230
SWT300-200-AA	SWTS300-200-AA	3	2	12.00	9.13	6.94	65TD300	65TD200	230
SWT300-250-AA	SWTS300-250-AA	3	2.5	12.00	9.37	7.18	65TD300	65TD250	500
SWT300-300-AA	SWTS300-300-AA	3	3	12.00	10.37	8.18	65TD300	65TD300	500
SWT350-200-AA	SWTS350-200-AA	3.5	2	12.00	9.75	7.25	65TD350	65TD200	230
SWT350-250-AA	SWTS350-250-AA	3.5	2.5	12.00	10.00	7.50	65TD350	65TD250	500
SWT350-300-AA	SWTS350-300-AA	3.5	3	12.00	11.00	8.50	65TD350	65TD300	500
SWT350-350-AA	SWTS350-350-AA	3.5	3.5	12.00	11.00	8.50	65TD350	65TD350	500
SWT400-200-AA	SWTS400-200-AA	4	2	12.00	10.25	7.50	65TD400	65TD200	230
SWT400-250-AA	SWTS400-250-AA	4	2.5	12.00	10.50	7.75	65TD400	65TD250	500
SWT400-300-AA	SWTS400-300-AA	4	3	12.00	11.50	8.75	65TD400	65TD300	500
SWT400-350-AA	SWTS400-350-AA	4	3.5	12.00	11.50	8.75	65TD400	65TD350	500
SWT400-400-AA	SWTS400-400-AA	4	4	12.00	12.00	9.25	65TD400	65TD400	500
SWT500-200-AA	SWTS500-200-AA	5	2	14.50	11.25	8.00	85TD500	65TD200	230
SWT500-250-AA	SWTS500-250-AA	5	2.5	17.00	11.50	8.25	85TD500	65TD250	500
SWT500-300-AA	SWTS500-300-AA	5	3	17.00	12.50	9.25	85TD500	65TD300	500
SWT500-350-AA	SWTS500-350-AA	5	3.5	17.00	12.50	9.25	85TD500	65TD350	500
SWT500-400-AA	SWTS500-400-AA	5	4	20.00	13.00	9.75	85TD500	65TD400	500
SWT500-500-AA	SWTS500-500-AA	5	5	20.00	15.00	11.75	85TD500	85TD500	500
SWT600-200-AA	SWTS600-200-AA	6	2	16.50	12.75	8.75	115TD600	65TD200	230
SWT600-250-AA	SWTS600-250-AA	6	2.5	16.50	13.00	9.00	115TD600	65TD250	500
SWT600-300-AA	SWTS600-300-AA	6	3	19.00	14.00	10.00	115TD600	65TD300	500
SWT600-350-AA	SWTS600-350-AA	6	3.5	19.00	14.00	10.00	115TD600	65TD350	500
SWT600-400-AA	SWTS600-400-AA	6	4	19.00	14.50	10.50	115TD600	65TD400	500
SWT600-500-AA	SWTS600-500-AA	6	5	22.00	16.50	12.50	115TD600	85TD500	500
SWT600-600-AA	SWTS600-600-AA	6	6	22.00	16.62	12.62	115TD600	115TD600	500

TYPE SWTA-AA, SWTAS-AA

Swage Bus Run to Angled Bus Tee

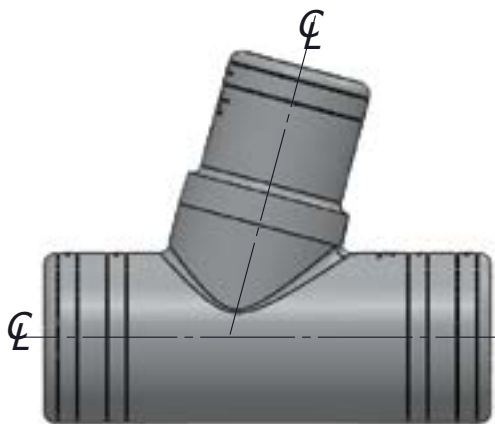
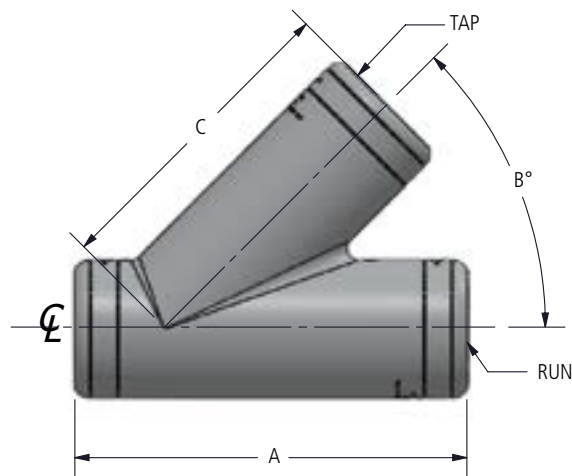
A Swage type bus run to angled bus tee. Run pipe is available in solid pipe or split pipe configurations.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



SOLID PIPE
5-6" SPS



SPLIT PIPE
1-4" SPS

continued
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TYPE SWTA-AA, SWTAS-AA

Swage Bus Run to Angled Bus Tee

Ordering Information

AFL NO.		S.P.S.		DIMENSIONS (inches)			DIE SIZE	
SOLID PIPE	SPLIT PIPE	RUN	TAP	A	B	C	RUN	TAP
SWTA100-100-75-AA	SWTAS100-100-75-AA	1	1	10.00	75	6.16	65TD100	65TD100
SWTA100-100-80-AA	SWTAS100-100-80-AA	1	1	10.00	80	6.01	65TD100	65TD100
SWTA150-100-75-AA	SWTAS150-100-75-AA	1.5	1	10.00	75	6.42	65TD150	65TD100
SWTA150-100-80-AA	SWTAS150-100-80-AA	1.5	1	10.00	80	6.26	65TD150	65TD100
SWTA150-150-75-AA	SWTAS150-150-75-AA	1.5	1.5	10.00	75	6.48	65TD150	65TD150
SWTA150-150-80-AA	SWTAS150-150-80-AA	1.5	1.5	10.00	80	6.31	65TD150	65TD150
SWTA200-100-75-AA	SWTAS200-100-75-AA	2	1	10.00	75	6.68	65TD200	65TD100
SWTA200-100-80-AA	SWTAS200-100-80-AA	2	1	10.00	80	6.52	65TD200	65TD100
SWTA200-150-75-AA	SWTAS200-150-75-AA	2	1.5	10.00	75	6.74	65TD200	65TD150
SWTA200-150-80-AA	SWTAS200-150-80-AA	2	1.5	10.00	80	6.56	65TD200	65TD150
SWTA200-200-45-AA	SWTAS200-200-45-AA	2	2	10.00	45	8.76	65TD200	65TD200
SWTA200-200-75-AA	SWTAS200-200-75-AA	2	2	10.00	75	6.81	65TD200	65TD200
SWTA200-200-80-AA	SWTAS200-200-80-AA	2	2	10.00	80	6.61	65TD200	65TD200
SWTA250-100-75-AA	SWTAS250-100-75-AA	2.5	1	10.00	75	7.06	65TD250	65TD100
SWTA250-100-80-AA	SWTAS250-100-80-AA	2.5	1	10.00	80	6.90	65TD250	65TD100
SWTA250-150-75-AA	SWTAS250-150-75-AA	2.5	1.5	10.00	75	7.13	65TD250	65TD150
SWTA250-150-80-AA	SWTAS250-150-80-AA	2.5	1.5	10.00	80	6.94	65TD250	65TD150
SWTA250-200-75-AA	SWTAS250-200-75-AA	2.5	2	10.00	75	7.20	65TD250	65TD200
SWTA250-200-80-AA	SWTAS250-200-80-AA	2.5	2	10.00	80	6.99	65TD250	65TD200
SWTA250-250-75-AA	SWTAS250-250-75-AA	2.5	2.5	12.00	75	7.54	65TD250	65TD250
SWTA250-250-80-AA	SWTAS250-250-80-AA	2.5	2.5	12.00	80	7.30	65TD250	65TD250
SWTA300-100-75-AA	SWTAS300-100-75-AA	3	1	12.00	75	7.39	65TD300	65TD100
SWTA300-100-80-AA	SWTAS300-100-80-AA	3	1	12.00	80	7.22	65TD300	65TD100
SWTA300-150-75-AA	SWTAS300-150-75-AA	3	1.5	12.00	75	7.45	65TD300	65TD150
SWTA300-150-80-AA	SWTAS300-150-80-AA	3	1.5	12.00	80	7.26	65TD300	65TD150
SWTA300-200-75-AA	SWTAS300-200-75-AA	3	2	12.00	75	7.52	65TD300	65TD200
SWTA300-200-80-AA	SWTAS300-200-80-AA	3	2	12.00	80	7.30	65TD300	65TD200
SWTA300-250-75-AA	SWTAS300-250-75-AA	3	2.5	12.00	75	7.87	65TD300	65TD250
SWTA300-250-80-AA	SWTAS300-250-80-AA	3	2.5	12.00	80	7.62	65TD300	65TD250
SWTA300-300-45-AA	SWTAS300-300-45-AA	3	3	17.00	45	11.67	65TD300	65TD300
SWTA300-300-75-AA	SWTAS300-300-75-AA	3	3	12.00	75	8.95	65TD300	65TD300
SWTA300-300-80-AA	SWTAS300-300-80-AA	3	3	12.00	80	8.67	65TD300	65TD300
SWTA350-200-75-AA	SWTAS350-200-75-AA	3.5	2	12.00	75	7.84	65TD350	65TD200
SWTA350-200-80-AA	SWTAS350-200-80-AA	3.5	2	12.00	80	7.62	65TD350	65TD200
SWTA350-250-75-AA	SWTAS350-250-75-AA	3.5	2.5	12.00	75	8.19	65TD350	65TD250
SWTA350-250-80-AA	SWTAS350-250-80-AA	3.5	2.5	12.00	80	7.93	65TD350	65TD250
SWTA350-300-75-AA	SWTAS350-300-75-AA	3.5	3	12.00	75	9.28	65TD350	65TD300
SWTA350-300-80-AA	SWTAS350-300-80-AA	3.5	3	12.00	80	8.99	65TD350	65TD300
SWTA350-350-75-AA	SWTAS350-350-75-AA	3.5	3.5	12.00	75	9.38	65TD350	65TD350
SWTA350-350-80-AA	SWTAS350-350-80-AA	3.5	3.5	12.00	80	9.06	65TD350	65TD350
SWTA400-200-75-AA	SWTAS400-200-75-AA	4	2	12.00	75	8.10	65TD400	65TD200
SWTA400-200-80-AA	SWTAS400-200-80-AA	4	2	12.00	80	7.88	65TD400	65TD200
SWTA400-250-75-AA	SWTAS400-250-75-AA	4	2.5	12.00	75	8.45	65TD400	65TD250
SWTA400-250-80-AA	SWTAS400-250-80-AA	4	2.5	12.00	80	8.19	65TD400	65TD250
SWTA400-300-75-AA	SWTAS400-300-75-AA	4	3	12.00	75	9.53	65TD400	65TD300
SWTA400-300-80-AA	SWTAS400-300-80-AA	4	3	12.00	80	9.24	65TD400	65TD300
SWTA400-350-75-AA	SWTAS400-350-75-AA	4	3.5	12.00	75	9.64	65TD400	65TD350
SWTA400-350-80-AA	SWTAS400-350-80-AA	4	3.5	12.00	80	9.31	65TD400	65TD350
SWTA400-400-45-AA	SWTAS400-400-45-AA	4	4	17.00	45	13.59	65TD400	65TD400
SWTA400-400-75-AA	SWTAS400-400-75-AA	4	4	12.00	75	10.20	65TD400	65TD400
SWTA400-400-80-AA	SWTAS400-400-80-AA	4	4	12.00	80	9.86	65TD400	65TD400

continued
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TYPE SWTA-AA, SWTAS-AA

Swage Bus Run to Angled Bus Tee

Ordering Information

AFL NO.		S.P.S.		DIMENSIONS (inches)			DIE SIZE	
SOLID PIPE	SPLIT PIPE	RUN	TAP	A	B	C	RUN	TAP
SWTA500-200-75-AA	SWTAS500-200-75-AA	5	2	14.50	75	8.62	85TD500	65TD200
SWTA500-200-80-AA	SWTAS500-200-80-AA	5	2	14.50	80	8.38	85TD500	65TD200
SWTA500-250-45-AA	SWTAS500-250-45-AA	5	2.5	17.00	45	11.86	85TD500	65TD250
SWTA500-250-75-AA	SWTAS500-250-75-AA	5	2.5	17.00	75	8.97	85TD500	65TD250
SWTA500-250-80-AA	SWTAS500-250-80-AA	5	2.5	17.00	80	8.70	85TD500	65TD250
SWTA500-300-75-AA	SWTAS500-300-75-AA	5	3	17.00	75	10.05	85TD500	65TD300
SWTA500-300-80-AA	SWTAS500-300-80-AA	5	3	17.00	80	9.75	85TD500	65TD300
SWTA500-350-75-AA	SWTAS500-350-75-AA	5	3.5	17.00	75	10.15	85TD500	65TD350
SWTA500-350-80-AA	SWTAS500-350-80-AA	5	3.5	17.00	80	9.82	85TD500	65TD350
SWTA500-400-75-AA	SWTAS500-400-75-AA	5	4	20.00	75	10.72	85TD500	65TD400
SWTA500-400-80-AA	SWTAS500-400-80-AA	5	4	20.00	80	10.36	85TD500	65TD400
SWTA500-500-75-AA	SWTAS500-500-75-AA	5	5	20.00	75	12.85	85TD500	85TD500
SWTA500-500-80-AA	SWTAS500-500-80-AA	5	5	20.00	80	12.45	85TD500	85TD500
SWTA600-200-75-AA	SWTAS600-200-75-AA	6	2	16.50	75	9.40	115TD600	65TD200
SWTA600-200-80-AA	SWTAS600-200-80-AA	6	2	16.50	80	9.14	115TD600	65TD200
SWTA600-250-75-AA	SWTAS600-250-75-AA	6	2.5	16.50	75	9.74	115TD600	65TD250
SWTA600-250-80-AA	SWTAS600-250-80-AA	6	2.5	16.50	80	9.46	115TD600	65TD250
SWTA600-300-75-AA	SWTAS600-300-75-AA	6	3	19.00	75	10.83	115TD600	65TD300
SWTA600-300-80-AA	SWTAS600-300-80-AA	6	3	19.00	80	10.51	115TD600	65TD300
SWTA600-350-75-AA	SWTAS600-350-75-AA	6	3.5	19.00	75	10.93	115TD600	65TD350
SWTA600-350-80-AA	SWTAS600-350-80-AA	6	3.5	19.00	80	10.58	115TD600	65TD350
SWTA600-400-75-AA	SWTAS600-400-75-AA	6	4	19.00	75	11.50	115TD600	65TD400
SWTA600-400-80-AA	SWTAS600-400-80-AA	6	4	19.00	80	11.13	115TD600	65TD400
SWTA600-500-75-AA	SWTAS600-500-75-AA	6	5	22.00	75	13.63	115TD600	85TD500
SWTA600-500-80-AA	SWTAS600-500-80-AA	6	5	22.00	80	13.21	115TD600	85TD500
SWTA600-600-75-AA	SWTAS600-600-75-AA	6	6	22.00	75	13.94	115TD600	115TD600
SWTA600-600-80-AA	SWTAS600-600-80-AA	6	6	22.00	80	13.46	115TD600	115TD600

TYPE SWVBP-AA, SWVBPS-AA

Swage Bus A-Frame Connector

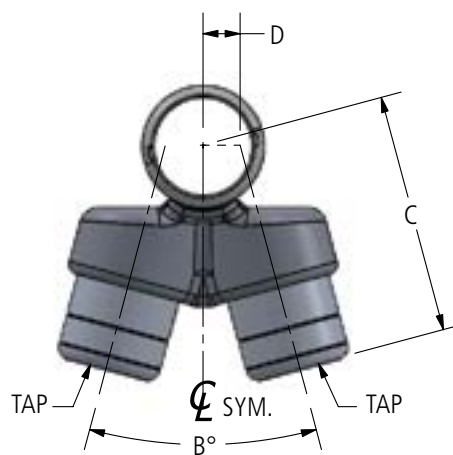
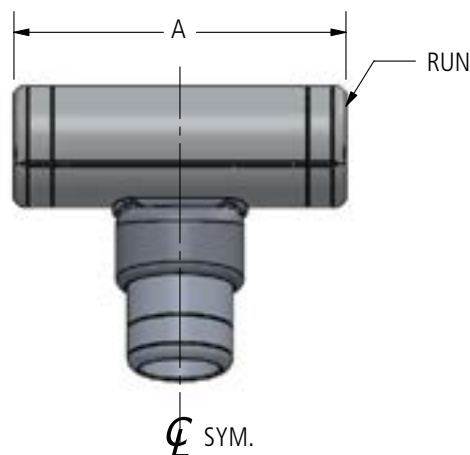
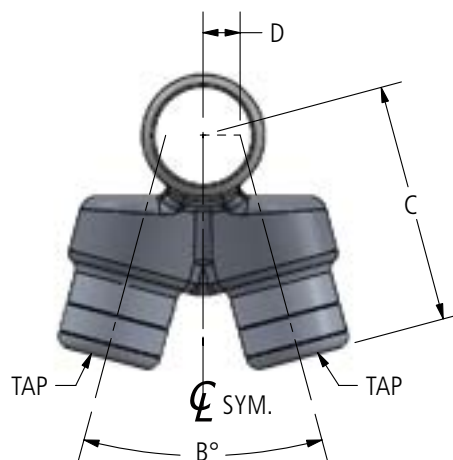
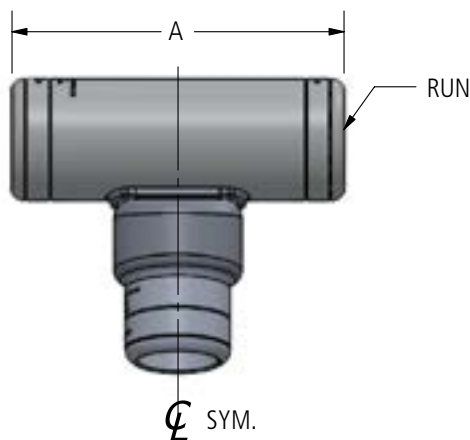
A Swage type A-frame connector for bus to bus. This is available in solid or split run pipe.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" S.P.S. parts require double swages.



continued
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TYPE SWVBP-AA, SWVBPS-AA

Swage Bus A-Frame Connector

Ordering Information

AFL NO.		S.P.S.		DIMENSIONS (inches)				DIE SIZE		VOLTAGE RATING (kV)
SOLID PIPE	SPLIT PIPE	RUN	TAP	A	B	C	D	RUN	TAP	
SWVBP200-100-30-AA	SWVBPS200-100-30-AA	2	1	10.00	30	7.35	0.78	65TD200	65TD100	230
SWVBP200-150-30-AA	SWVBPS200-150-30-AA	2	1.5	10.00	30	7.48	1.01	65TD200	65TD150	230
SWVBP200-200-30-AA	SWVBPS200-200-30-AA	2	2	10.00	30	7.60	1.19	65TD200	65TD200	230
SWVBP250-100-30-AA	SWVBPS250-100-30-AA	2.5	1	10.00	30	7.64	0.70	65TD250	65TD100	345
SWVBP250-150-30-AA	SWVBPS250-150-30-AA	2.5	1.5	10.00	30	7.77	0.93	65TD250	65TD150	345
SWVBP250-200-30-AA	SWVBPS250-200-30-AA	2.5	2	10.00	30	7.89	1.11	65TD250	65TD200	345
SWVBP250-250-30-AA	SWVBPS250-250-30-AA	2.5	2.5	10.00	30	8.33	1.44	65TD250	65TD250	345
SWVBP300-100-30-AA	SWVBPS300-100-30-AA	3	1	12.00	30	8.01	0.60	65TD300	65TD100	500
SWVBP300-150-30-AA	SWVBPS300-150-30-AA	3	1.5	12.00	30	8.13	0.82	65TD300	65TD150	500
SWVBP300-200-30-AA	SWVBPS300-200-30-AA	3	2	12.00	30	8.25	1.00	65TD300	65TD200	500
SWVBP300-250-30-AA	SWVBPS300-250-30-AA	3	2.5	12.00	30	8.69	1.34	65TD300	65TD250	500
SWVBP300-300-30-AA	SWVBPS300-300-30-AA	3	3	12.00	30	8.85	1.62	65TD300	65TD300	500
SWVBP350-200-30-AA	SWVBPS350-200-30-AA	3.5	2	12.00	30	8.54	0.92	65TD350	65TD200	500
SWVBP350-250-30-AA	SWVBPS350-250-30-AA	3.5	2.5	12.00	30	8.98	1.26	65TD350	65TD250	500
SWVBP350-300-30-AA	SWVBPS350-300-30-AA	3.5	3	12.00	30	9.13	1.54	65TD350	65TD300	500
SWVBP350-350-30-AA	SWVBPS350-350-30-AA	3.5	3.5	12.00	30	9.07	1.88	65TD350	65TD350	500
SWVBP400-200-30-AA	SWVBPS400 -200-30-AA	4	2	12.00	30	8.87	0.83	65TD400	65TD200	500
SWVBP400-250-20-AA	SWVBPS400-250-20-AA	4	2.5	12.00	20	9.04	1.77	65TD400	65TD250	500
SWVBP400-250-30-AA	SWVBPS400-250-30-AA	4	2.5	12.00	30	9.31	1.17	65TD400	65TD250	500
SWVBP400-300-30-AA	SWVBPS400-300-30-AA	4	3	12.00	30	9.46	1.45	65TD400	65TD300	500
SWVBP400-350-30-AA	SWVBPS400-350-30-AA	4	3.5	12.00	30	9.40	1.79	65TD400	65TD350	500
SWVBP400-400-20-AA	SWVBPS400-400-20 -AA	4	4	12.00	20	9.64	2.79	65TD400	65TD400	500
SWVBP400-400-30-AA	SWVBPS400-400-30-AA	4	4	12.00	30	10.06	2.13	65TD400	65TD400	500
SWVBP500-200-30-AA	SWVBPS500-200-30-AA	5	2	17.00	30	9.31	0.71	85TD500	65TD200	500
SWVBP500-250-30-AA	SWVBPS500-250-30-AA	5	2.5	17.00	30	9.75	1.05	85TD500	65TD250	500
SWVBP500-300-30-AA	SWVBPS500-300-30-AA	5	3	17.00	30	9.91	1.33	85TD500	65TD300	500
SWVBP500-350-30-AA	SWVBPS500-350-30-AA	5	3.5	17.00	30	9.84	1.66	85TD500	65TD350	500
SWVBP500-400-30-AA	SWVBPS500-400-30-AA	5	4	20.00	30	10.50	2.01	85TD500	65TD400	500
SWVBP500-500-30-AA	SWVBPS500-500-30-AA	5	5	20.00	30	12.88	2.46	85TD500	85TD500	500
SWVBP600-200-30-AA	SWVBPS600-200-30-AA	6	2	19.00	30	10.11	0.49	115TD600	65TD200	500
SWVBP600-250-30-AA	SWVBPS600-250-30-AA	6	2.5	19.00	30	10.55	0.82	115TD600	65TD250	500
SWVBP600-300-30-AA	SWVBPS600-300-30-AA	6	3	19.00	30	10.71	1.10	115TD600	65TD300	500
SWVBP600-350-30-AA	SWVBPS600-350-30-AA	6	3.5	19.00	30	10.65	1.44	115TD600	65TD350	500
SWVBP600-400-20-AA	SWVBPS600-400-20-AA	6	4	22.00	20	10.90	2.56	115TD600	65TD400	500
SWVBP600-400-30-AA	SWVBPS600-400-30-AA	6	4	22.00	30	11.30	1.79	115TD600	65TD400	500
SWVBP600-500-30-AA	SWVBPS600-500-30-AA	6	5	22.00	30	13.68	2.24	115TD600	85TD500	500
SWVBP600-600-20-AA	SWVBPS600-600-20-AA	6	6	22.00	20	14.69	3.69	115TD600	115TD600	500
SWVBP600-600-30-AA	SWVBPS600-600-30-AA	6	6	22.00	30	15.33	3.04	115TD600	115TD600	500

TYPE SWTPC-AA

Swage Terminal with a NEMA Pad

A Swage type bus terminal designed to terminate bus.

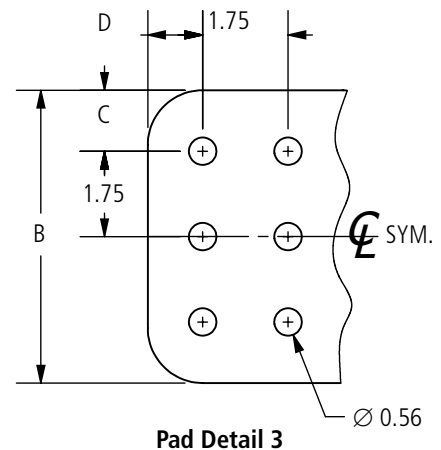
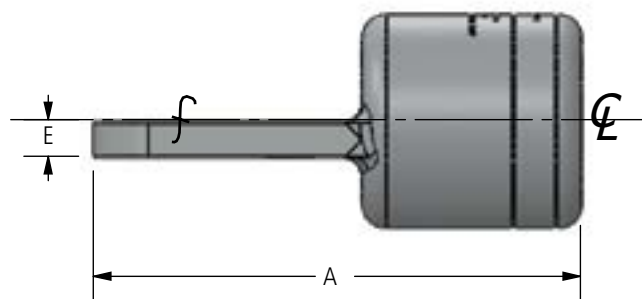
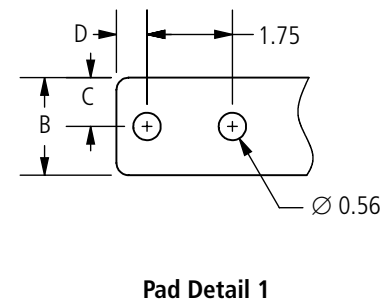
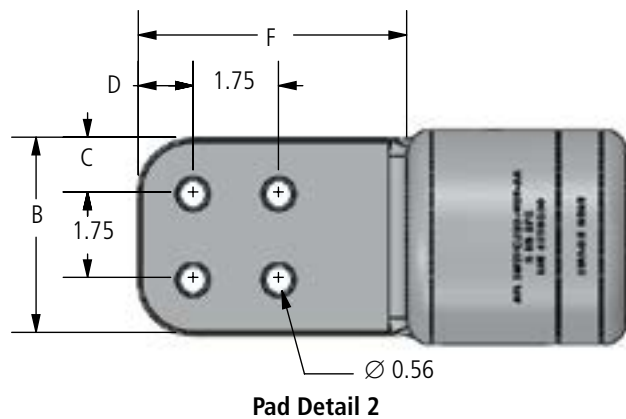
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
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TYPE SWTPC-AA

Swage Terminal with a NEMA Pad

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E	F		
SWTPC100-2N-AA	1	1	7.20	2.00	1.00	0.63	0.38	4.50	65TD100	230
SWTPC100-4N-AA	1	2	7.20	3.00	0.63	0.63	0.38	4.50	65TD100	230
SWTPC100-4N4-AA	1	2	8.20	4.00	1.13	1.13	0.38	5.50	65TD100	230
SWTPC150-2N-AA	1.5	1	7.38	2.00	1.00	0.63	0.50	4.50	65TD150	230
SWTPC150-4N-AA	1.5	2	7.38	3.00	0.63	0.63	0.50	4.50	65TD150	230
SWTPC150-4N4-AA	1.5	2	8.38	4.00	1.13	1.13	0.50	5.50	65TD150	230
SWTPC200-2N-AA	2	1	7.88	2.00	1.00	0.63	0.50	4.50	65TD200	230
SWTPC200-4N-AA	2	2	7.88	3.00	0.63	0.63	0.50	4.50	65TD200	230
SWTPC200-4N4-AA	2	2	8.88	4.00	1.13	1.13	0.50	5.50	65TD200	230
SWTPC250-2N-AA	2.5	1	8.25	2.00	1.00	0.63	0.63	4.50	65TD250	230
SWTPC250-4N-AA	2.5	2	8.25	3.00	0.63	0.63	0.63	4.50	65TD250	230
SWTPC250-4N4-AA	2.5	2	9.25	4.00	1.13	1.13	0.63	5.50	65TD250	230
SWTPC300-2N-AA	3	1	9.00	2.00	1.00	0.63	0.75	4.50	65TD300	230
SWTPC300-4N-AA	3	2	9.00	3.00	0.63	0.63	0.75	4.50	65TD300	345
SWTPC300-4N4-AA	3	2	10.00	4.00	1.13	1.13	0.75	5.50	65TD300	345
SWTPC300-4N4-6-AA	3	2	10.50	4.00	1.13	1.13	0.75	6.00	65TD300	345
SWTPC300-5N4-AA	3	3	10.00	5.00	0.75	1.13	0.75	5.50	65TD300	345
SWTPC300-6N4-AA	3	3	10.00	6.00	1.25	1.13	0.75	5.50	65TD300	345
SWTPC350-2N-AA	3.5	1	9.12	2.00	1.00	0.63	0.75	4.50	65TD350	230
SWTPC350-4N-AA	3.5	2	9.12	3.00	0.63	0.63	0.75	4.50	65TD350	500
SWTPC350-4N4-AA	3.5	2	10.12	4.00	1.13	1.13	0.75	5.50	65TD350	500
SWTPC350-4N4-6-AA	3.5	2	10.62	4.00	1.13	1.13	0.75	6.00	65TD350	500
SWTPC350-5N4-AA	3.5	3	10.12	5.00	0.75	1.13	0.75	5.50	65TD350	500
SWTPC350-6N4-AA	3.5	3	10.12	6.00	1.25	1.13	0.75	5.50	65TD350	500
SWTPC400-2N-AA	4	1	9.38	2.00	1.00	0.63	0.75	4.50	65TD400	230
SWTPC400-4N-AA	4	2	9.38	3.00	0.63	0.63	0.75	4.50	65TD400	500
SWTPC400-4N4-AA	4	2	10.38	4.00	1.13	1.13	0.75	5.50	65TD400	500
SWTPC400-5N4-AA	4	3	10.38	5.00	0.75	1.13	0.75	5.50	65TD400	500
SWTPC400-6N4-AA	4	3	10.38	6.00	1.25	1.13	0.75	5.50	65TD400	500
SWTPC500-4N-AA	5	2	12.47	3.00	0.63	0.63	1.13	5.00	85TD500	500
SWTPC500-4N4-AA	5	2	12.47	4.00	1.13	1.13	1.13	5.00	85TD500	500
SWTPC500-4N4-6-AA	5	2	13.47	4.00	1.13	1.13	1.13	6.00	85TD500	500
SWTPC500-5N4-AA	5	3	12.47	5.00	0.75	1.13	1.13	5.00	85TD500	500
SWTPC500-6N4-AA	5	3	12.47	6.00	1.25	1.13	1.13	5.00	85TD500	500
SWTPC600-4N4-AA	6	2	13.23	4.00	1.13	1.13	1.13	5.00	115TD600	500
SWTPC600-5N4-AA	6	3	13.23	5.00	0.75	1.13	1.13	5.00	115TD600	500
SWTPC600-6N4-AA	6	3	13.23	6.00	1.25	1.13	1.13	5.00	115TD600	500

TYPE SWTP-AA Swage Offset Bus Terminal

A Swage type offset bus terminal.

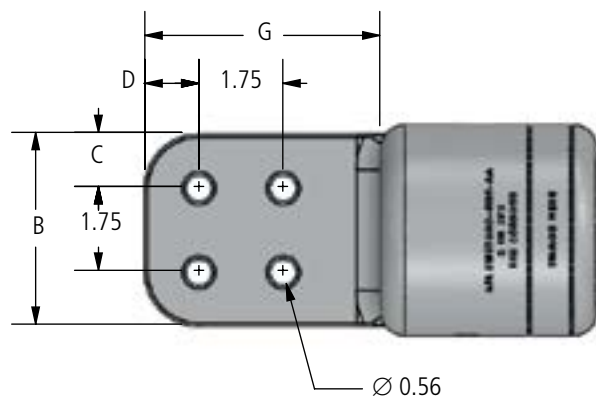
Material

Aluminum Alloy

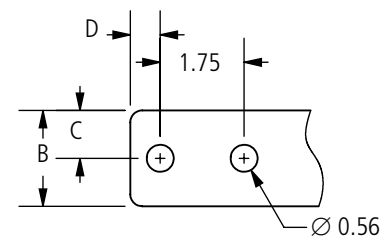
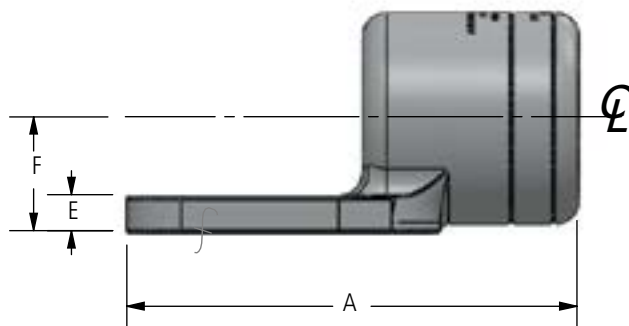
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

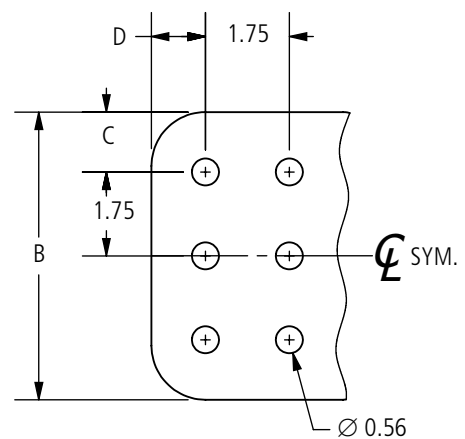
f—Machine Finish



Pad Detail 2



Pad Detail 1



Pad Detail 3

continued
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TYPE SWTP-AA

Swage Offset Bus Terminal

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E	F	G		
SWTP100-2N-AA	1	1	7.00	2.00	1.00	0.63	0.38	1.13	4.30	65TD100	230
SWTP100-4N-AA	1	2	7.00	3.00	0.63	0.63	0.38	1.13	4.30	65TD100	230
SWTP100-4N4-AA	1	2	8.00	4.00	1.13	1.13	0.38	1.13	5.30	65TD100	230
SWTP100-5N4-AA	1	3	8.00	5.00	0.75	1.13	0.38	1.13	5.30	65TD100	230
SWTP100-6N4-AA	1	3	8.00	6.00	1.25	1.13	0.38	1.13	5.30	65TD100	230
SWTP150-2N-AA	1.5	1	7.01	2.00	1.00	0.63	0.50	1.50	4.13	65TD150	230
SWTP150-4N-AA	1.5	2	7.01	3.00	0.63	0.63	0.50	1.50	4.13	65TD150	230
SWTP150-4N4-AA	1.5	2	8.01	4.00	1.13	1.13	0.50	1.50	5.13	65TD150	230
SWTP150-5N4-AA	1.5	3	8.01	5.00	0.75	1.13	0.50	1.50	5.13	65TD150	230
SWTP150-6N4-AA	1.5	3	8.01	6.00	1.25	1.13	0.50	1.50	5.13	65TD150	230
SWTP200-2N-AA	2	1	7.23	2.00	1.00	0.63	0.50	1.75	3.85	65TD200	230
SWTP200-4N-AA	2	2	7.23	3.00	0.63	0.63	0.50	1.75	3.85	65TD200	230
SWTP200-4N4-AA	2	2	8.23	4.00	1.13	1.13	0.50	1.75	4.85	65TD200	230
SWTP200-5N4-AA	2	3	8.23	5.00	0.75	1.13	0.50	1.75	4.85	65TD200	230
SWTP200-6N4-AA	2	3	8.23	6.00	1.25	1.13	0.50	1.75	4.85	65TD200	230
SWTP250-2N-AA	2.5	1	7.50	2.00	1.00	0.63	0.62	2.00	3.75	65TD250	230
SWTP250-4N-AA	2.5	2	7.50	3.00	0.63	0.63	0.62	2.00	3.75	65TD250	230
SWTP250-4N4-AA	2.5	2	8.50	4.00	1.13	1.13	0.62	2.00	4.75	65TD250	230
SWTP250-5N4-AA	2.5	3	8.50	5.00	0.75	1.13	0.62	2.00	4.75	65TD250	230
SWTP250-6N4-AA	2.5	3	8.50	6.00	1.25	1.13	0.62	2.00	4.75	65TD250	230
SWTP300-2N-AA	3	1	8.40	2.00	1.00	0.63	0.75	2.38	3.90	65TD300	230
SWTP300-4N-AA	3	2	8.40	3.00	0.63	0.63	0.75	2.38	3.90	65TD300	345
SWTP300-4N4-AA	3	2	9.40	4.00	1.13	1.13	0.75	2.38	4.90	65TD300	345
SWTP300-5N4-AA	3	3	9.40	5.00	0.75	1.13	0.75	2.38	4.90	65TD300	345
SWTP300-6N4-AA	3	3	9.40	6.00	1.25	1.13	0.75	2.38	4.90	65TD300	345
SWTP350-2N-AA	3.5	1	8.13	2.00	1.00	0.63	0.75	2.62	3.50	65TD350	230
SWTP350-4N-AA	3.5	2	8.13	3.00	0.63	0.63	0.75	2.62	3.50	65TD350	345
SWTP350-4N4-AA	3.5	2	9.13	4.00	1.13	1.13	0.75	2.62	4.50	65TD350	345
SWTP350-5N4-AA	3.5	3	9.13	5.00	0.75	1.13	0.75	2.62	4.50	65TD350	345
SWTP350-6N4-AA	3.5	3	9.13	6.00	1.25	1.13	0.75	2.62	4.50	65TD350	345
SWTP400-2N-AA	4	1	8.51	2.00	1.00	0.63	0.75	2.88	3.63	65TD400	230
SWTP400-4N-AA	4	2	8.51	3.00	0.63	0.63	0.75	2.88	3.63	65TD400	345
SWTP400-4N4-AA	4	2	9.51	4.00	1.13	1.13	0.75	2.88	4.63	65TD400	345
SWTP400-4N4-T1-AA	4	2	9.51	4.00	1.13	1.13	1.00	2.88	4.63	65TD400	345
SWTP400-5N4-AA	4	3	9.51	5.00	0.75	1.13	0.75	2.88	4.63	65TD400	345
SWTP400-6N4-AA	4	3	9.51	6.00	1.25	1.13	0.75	2.88	4.63	65TD400	345
SWTP500-4N4-AA	5	2	11.97	4.00	1.13	1.13	1.13	3.50	4.25	85TD500	500
SWTP500-5N4-AA	5	3	11.97	5.00	0.75	1.13	1.13	3.50	4.25	85TD500	500
SWTP500-6N4-AA	5	3	11.97	6.00	1.25	1.13	1.13	3.50	4.25	85TD500	500
SWTP600-4N4-AA	6	2	13.23	4.00	1.13	1.13	1.13	4.25	4.25	115TD600	500
SWTP600-5N4-AA	6	3	13.23	5.00	0.75	1.13	1.13	4.25	4.25	115TD600	500
SWTP600-6N4-AA	6	3	13.23	6.00	1.25	1.13	1.13	4.25	4.25	115TD600	500

TYPE SWTPA-AA Swage Bus Terminal with Angled NEMA Pad

A Swage type bus terminal with angled NEMA pad.

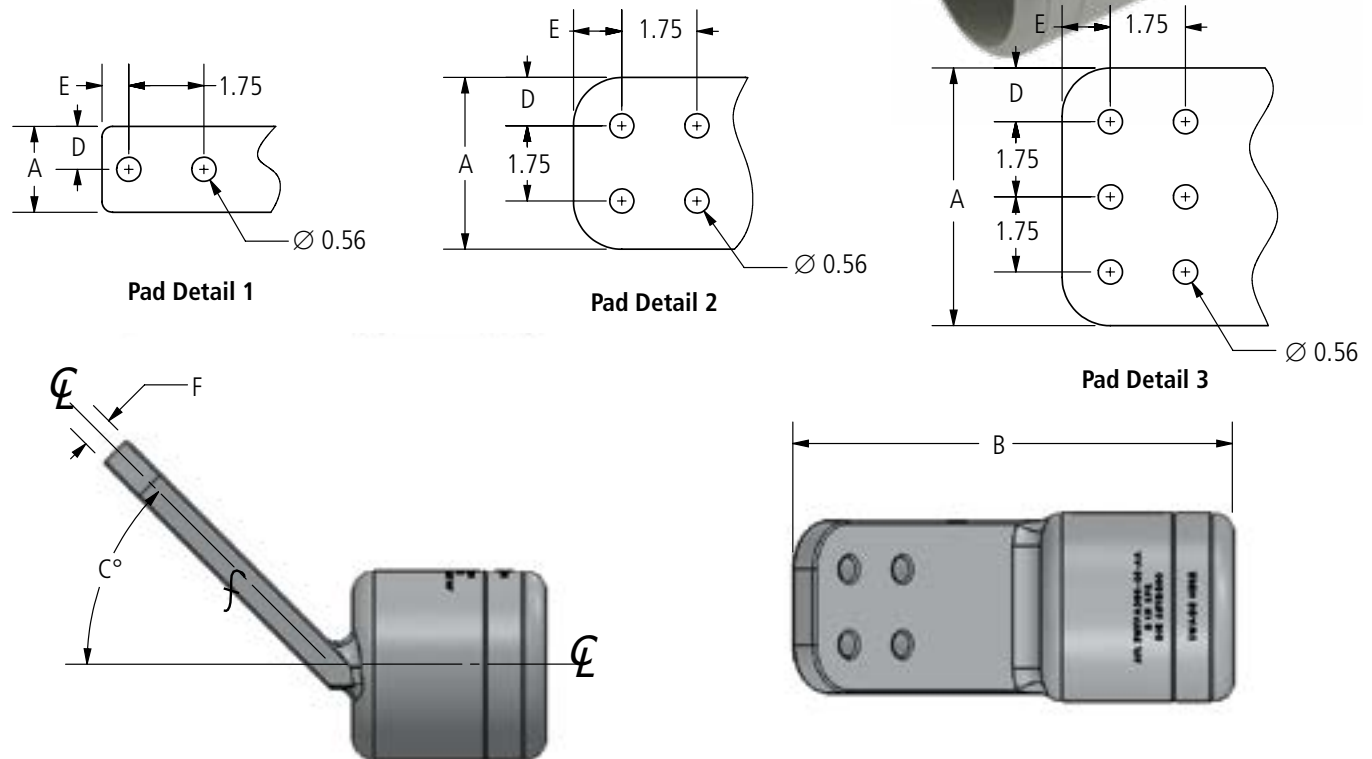
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E	F		
SWTPA100-2N-45-AA	1	1	2.00	7.68	45	1.00	0.63	0.38	65TD100	230
SWTPA100-4N-30-AA	1	2	3.00	8.40	30	0.63	0.63	0.38	65TD100	230
SWTPA100-4N-45-AA	1	2	3.00	7.68	45	0.63	0.63	0.38	65TD100	230
SWTPA100-4N-60-AA	1	2	3.00	6.75	60	0.63	1.13	0.38	65TD100	230
SWTPA100-4N4-30-AA	1	2	4.00	8.40	30	1.13	1.13	0.38	65TD100	230
SWTPA100-4N4-45-AA	1	2	4.00	7.68	45	1.13	1.13	0.38	65TD100	230
SWTPA100-4N4-60-AA	1	2	4.00	6.75	60	1.13	1.13	0.38	65TD100	230
SWTPA150-2N-45-AA	1.5	1	2.00	9.39	45	1.00	0.63	0.50	65TD150	230
SWTPA150-4N-30-AA	1.5	2	3.00	10.26	30	0.63	0.63	0.50	65TD150	230
SWTPA150-4N-45-AA	1.5	2	3.00	9.39	45	0.63	0.63	0.50	65TD150	230
SWTPA150-4N-60-AA	1.5	2	3.00	8.25	60	0.63	0.63	0.50	65TD150	230
SWTPA150-4N4-30-AA	1.5	2	4.00	10.26	30	1.13	1.13	0.50	65TD150	230
SWTPA150-4N4-45-AA	1.5	2	4.00	9.39	45	1.13	1.13	0.50	65TD150	230
SWTPA150-4N4-60-AA	1.5	2	4.00	8.25	60	1.13	1.13	0.50	65TD150	230

continued
→

TYPE SWTPA-AA Swage Bus Terminal with Angled NEMA Pad

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E	F		
SWTPA200-2N-30-AA	2	1	2.00	10.26	30	1.00	0.63	0.50	65TD200	230
SWTPA200-2N-45-AA	2	1	2.00	9.39	45	1.00	0.63	0.50	65TD200	230
SWTPA200-4N-30-AA	2	2	3.00	10.26	30	0.63	0.63	0.50	65TD200	230
SWTPA200-4N-45-AA	2	2	3.00	9.39	45	0.63	0.63	0.50	65TD200	230
SWTPA200-4N-60-AA	2	2	3.00	8.25	60	0.63	0.63	0.50	65TD200	230
SWTPA200-4N4-30-AA	2	2	4.00	10.26	30	1.13	1.13	0.50	65TD200	230
SWTPA200-4N4-45-AA	2	2	4.00	9.39	45	1.13	1.13	0.50	65TD200	230
SWTPA200-4N4-60-AA	2	2	4.00	8.25	60	1.13	1.13	0.50	65TD200	230
SWTPA250-2N-30-AA	2.5	1	2.00	10.26	30	1.00	0.63	0.63	65TD250	230
SWTPA250-2N-45-AA	2.5	1	2.00	9.39	45	1.00	0.63	0.63	65TD250	230
SWTPA250-4N-30-AA	2.5	2	3.00	9.76	30	0.63	0.63	0.63	65TD250	230
SWTPA250-4N-45-AA	2.5	2	3.00	9.39	45	0.63	0.63	0.63	65TD250	230
SWTPA250-4N-60-AA	2.5	2	3.00	9.25	60	0.63	0.63	0.63	65TD250	230
SWTPA250-4N4-30-AA	2.5	2	4.00	10.26	30	1.13	1.13	0.63	65TD250	230
SWTPA250-4N4-45-AA	2.5	2	4.00	9.39	45	1.13	1.13	0.63	65TD250	230
SWTPA250-4N4-60-AA	2.5	2	4.00	8.25	60	1.13	1.13	0.63	65TD250	230
SWTPA300-2N-30-AA	3	1	2.00	12.13	30	1.00	0.63	0.75	65TD300	345
SWTPA300-2N-45-AA	3	1	2.00	11.10	45	1.00	0.63	0.75	65TD300	345
SWTPA300-4N-30-AA	3	2	3.00	12.13	30	0.63	0.63	0.75	65TD300	345
SWTPA300-4N-45-AA	3	2	3.00	11.10	45	0.63	0.63	0.75	65TD300	345
SWTPA300-4N-60-AA	3	2	3.00	9.75	60	0.63	0.63	0.75	65TD300	345
SWTPA300-4N4-30-AA	3	2	4.00	12.13	30	1.13	1.13	0.75	65TD300	345
SWTPA300-4N4-45-AA	3	2	4.00	11.10	45	1.13	1.13	0.75	65TD300	345
SWTPA300-4N4-60-AA	3	2	4.00	9.75	60	1.13	1.13	0.75	65TD300	345
SWTPA350-2N-30-AA	3.5	1	2.00	12.13	30	1.00	0.63	0.75	65TD350	500
SWTPA350-2N-45-AA	3.5	1	2.00	11.10	45	1.00	0.63	0.75	65TD350	500
SWTPA350-4N-30-AA	3.5	2	3.00	12.13	30	0.63	0.63	0.75	65TD350	500
SWTPA350-4N-45-AA	3.5	2	3.00	11.10	45	0.63	0.63	0.75	65TD350	500
SWTPA350-4N-60-AA	3.5	2	3.00	9.75	60	0.63	0.63	0.75	65TD350	500
SWTPA350-4N4-30-AA	3.5	2	4.00	12.13	30	1.13	1.13	0.75	65TD350	500
SWTPA350-4N4-45-AA	3.5	2	4.00	11.10	45	1.13	1.13	0.75	65TD350	500
SWTPA350-4N4-60-AA	3.5	2	4.00	9.75	60	1.13	1.13	0.75	65TD350	500
SWTPA400-2N-30-AA	4	1	2.00	12.13	30	1.00	0.63	0.75	65TD400	500
SWTPA400-2N-45-AA	4	1	2.00	11.10	45	1.00	0.63	0.75	65TD400	500
SWTPA400-4N-30-AA	4	2	3.00	12.13	30	0.63	0.63	0.75	65TD400	500
SWTPA400-4N-45-AA	4	2	3.00	11.10	45	0.63	0.63	0.75	65TD400	500
SWTPA400-4N-60-AA	4	2	3.00	9.75	60	0.63	0.63	0.75	65TD400	500
SWTPA400-4N4-30-AA	4	2	4.00	12.13	30	1.13	1.13	0.75	65TD400	500
SWTPA400-4N4-45-AA	4	2	4.00	11.10	45	1.13	1.13	0.75	65TD400	500
SWTPA400-4N4-60-AA	4	2	4.00	9.75	60	1.13	1.13	0.75	65TD400	500
SWTPA500-4N4-30-AA	5	2	4.00	13.47	30	1.13	1.13	1.00	85TD500	500
SWTPA500-4N4-45-AA	5	2	4.00	12.57	45	1.13	1.13	1.00	85TD500	500
SWTPA500-4N4-60-AA	5	2	4.00	11.28	60	1.13	1.13	1.00	85TD500	500
SWTPA500-5N4-30-AA	5	3	5.00	13.47	30	0.75	1.13	1.00	85TD500	500
SWTPA500-5N4-45-AA	5	3	5.00	12.57	45	0.75	1.13	1.00	85TD500	500
SWTPA500-5N4-60-AA	5	3	5.00	11.28	60	0.75	1.13	1.00	85TD500	500
SWTPA500-6N4-30-AA	5	3	6.00	13.47	30	1.25	1.13	1.00	85TD500	500
SWTPA500-6N4-45-AA	5	3	6.00	12.57	45	1.25	1.13	1.00	85TD500	500
SWTPA500-6N4-60-AA	5	3	6.00	11.28	60	1.25	1.13	1.00	85TD500	500
SWTPA600-4N4-30-AA	6	2	4.00	16.35	30	1.13	1.13	1.00	115TD600	500
SWTPA600-4N4-45-AA	6	2	4.00	15.44	45	1.13	1.13	1.00	115TD600	500
SWTPA600-4N4-60-AA	6	2	4.00	14.15	60	1.13	1.13	1.00	115TD600	500
SWTPA600-5N4-30-AA	6	3	5.00	16.35	30	0.75	1.13	1.00	115TD600	500
SWTPA600-5N4-45-AA	6	3	5.00	15.44	45	0.75	1.13	1.00	115TD600	500
SWTPA600-5N4-60-AA	6	3	5.00	14.15	60	0.75	1.13	1.00	115TD600	500
SWTPA600-6N4-30-AA	6	3	6.00	16.35	30	1.25	1.13	1.00	115TD600	500
SWTPA600-6N4-45-AA	6	3	6.00	15.44	45	1.25	1.13	1.00	115TD600	500
SWTPA600-6N4-60-AA	6	3	6.00	14.15	60	1.25	1.13	1.00	115TD600	500

TYPE SWTPA-90-AA

Swage Vertical Bus Terminal

A Swage type bus vertical terminal.

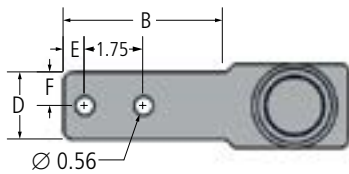
Material

Aluminum Alloy

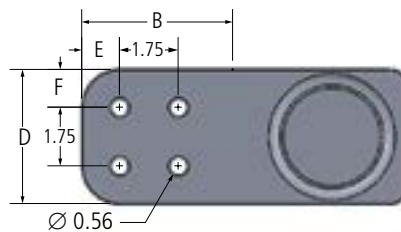
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

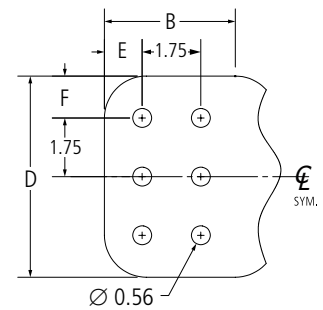
f—Machine Finish



Pad Detail 1



Pad Detail 2



Pad Detail 3

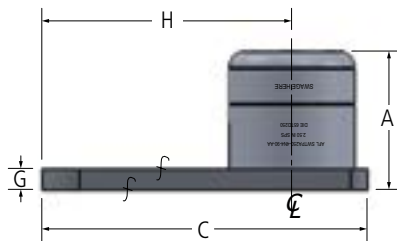


Fig. 1

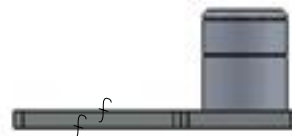


Fig. 2



Fig. 3

continued
→

TYPE SWTPA-90-AA

Swage Vertical Bus Terminal

Ordering Information

AFL NO.	S.P.S.	FIG. NO.	PAD DETAIL	DIMENSIONS IN INCHES								DIE SIZE	VOLTAGE RATING (kV)
				A	B	C	D	E	F	G	H		
SWTPA100-2N-90-AA	1	1	1	3.88	3.00	6.50	2.00	0.63	1.00	0.38	5.13	65TD100	230
SWTPA100-4N-90-AA	1	1	2	3.88	3.00	6.50	3.00	0.63	0.63	0.38	5.13	65TD100	230
SWTPA100-4N4-90-AA	1	1	2	3.88	4.00	8.50	4.00	1.13	1.13	0.38	7.13	65TD100	230
SWTPA125-2N-90-AA	1.25	2	1	3.50	3.00	8.50	2.00	0.63	1.00	0.50	6.88	65TD150	230
SWTPA150-2N-90-AA	1.5	2	1	4.00	3.00	7.00	2.00	0.63	1.00	0.50	5.38	65TD150	230
SWTPA150-4N-90-AA	1.5	1	2	4.00	3.00	7.00	3.00	0.63	0.63	0.50	5.38	65TD150	230
SWTPA150-4N4-90-AA	1.5	1	2	4.00	4.00	8.50	4.00	1.13	1.13	0.50	6.88	65TD150	230
SWTPA200-2N-90-AA	2	2	1	4.00	3.00	7.50	2.00	0.63	1.00	0.50	5.63	65TD200	230
SWTPA200-4N-90-AA	2	1	2	4.00	3.00	7.50	3.00	0.63	0.63	0.50	5.63	65TD200	230
SWTPA200-4N4-90-AA	2	1	2	4.00	4.00	8.50	4.00	1.13	1.13	0.50	6.63	65TD200	230
SWTPA250-2N-90-AA	2.5	1	1	4.13	3.00	8.00	2.00	0.63	1.00	0.63	5.75	65TD250	230
SWTPA250-4N-90-AA	2.5	2	2	4.13	3.00	8.00	3.00	0.63	0.63	0.63	5.75	65TD250	230
SWTPA250-4N4-90-AA	2.5	1	2	4.13	4.00	9.00	4.00	1.13	1.13	0.63	6.75	65TD250	230
SWTPA250-5N4-90-AA	2.5	1	3	4.13	4.00	9.50	5.00	1.13	0.75	0.63	7.25	65TD250	230
SWTPA250-6N4-90-AA	2.5	1	3	4.13	4.00	10.50	6.00	1.13	1.25	0.63	8.25	65TD250	230
SWTPA300-2N-90-AA	3	1	1	4.25	3.00	9.00	2.00	0.63	1.00	0.75	6.43	65TD300	230
SWTPA300-4N-90-AA	3	2	2	4.25	3.00	9.00	3.00	0.63	0.63	0.75	6.43	65TD300	230
SWTPA300-4N4-90-AA	3	1	2	4.25	4.00	10.00	4.00	1.13	1.13	0.75	7.43	65TD300	230
SWTPA300-5N4-90-AA	3	1	3	4.25	4.00	10.00	5.00	1.13	0.75	0.75	7.43	65TD300	230
SWTPA300-6N4-90-AA	3	1	3	4.25	4.00	10.50	6.00	1.13	1.25	0.75	7.93	65TD300	230
SWTPA350-2N-90-AA	3.5	1	1	4.25	3.00	9.50	2.00	0.63	1.00	0.75	6.63	65TD350	345
SWTPA350-4N-90-AA	3.5	2	2	4.25	3.00	9.50	3.00	0.63	0.63	0.75	6.63	65TD350	345
SWTPA350-4N4-90-AA	3.5	1	2	4.25	4.00	10.50	4.00	1.13	1.13	0.75	7.63	65TD350	345
SWTPA350-5N4-90-AA	3.5	1	3	4.25	4.00	10.50	5.00	1.13	0.75	0.75	7.63	65TD350	345
SWTPA350-6N4-90-AA	3.5	1	3	4.25	4.00	10.50	6.00	1.13	1.25	0.75	7.63	65TD350	345
SWTPA400-2N-90-AA	4	1	1	4.25	3.00	10.00	2.00	0.63	1.00	0.75	6.88	65TD400	345
SWTPA400-4N-90-AA	4	2	2	4.25	3.00	10.00	3.00	0.63	0.63	0.75	6.88	65TD400	345
SWTPA400-4N4-90-AA	4	1	2	4.25	4.00	11.00	4.00	1.13	1.13	0.75	7.88	65TD400	345
SWTPA400-5N4-90-AA	4	1	3	4.25	4.00	11.00	5.00	1.13	0.75	0.75	7.88	65TD400	345
SWTPA400-6N4-90-AA	4	1	3	4.25	4.00	11.00	6.00	1.13	1.25	0.75	7.88	65TD400	345
SWTPA500-4N4-90-AA	5	1	2	7.48	4.24	11.24	4.00	1.13	1.13	1.00	8.00	85TD500	345
SWTPA500-5N4-90-AA	5	3	3	7.48	4.24	11.24	5.00	1.13	0.75	1.00	8.00	85TD500	345
SWTPA500-6N4-90-AA	5	3	3	7.48	4.24	11.24	6.00	1.13	1.25	1.00	8.00	85TD500	345
SWTPA600-4N4-90-AA	6	3	2	10.35	4.24	14.49	4.00	1.13	1.13	1.00	10.49	115TD600	345
SWTPA600-5N4-90-AA	6	3	3	10.35	4.24	12.74	5.00	1.13	0.75	1.00	8.74	115TD600	345
SWTPA600-6N4-90-AA	6	3	3	10.35	4.24	14.49	6.00	1.13	1.25	1.00	10.49	115TD600	345

TYPE SWTPA-45R-AA Swage Bus Terminal with 45-degree Pad

A Swage type bus terminal with a 45-Degree NEMA pad.

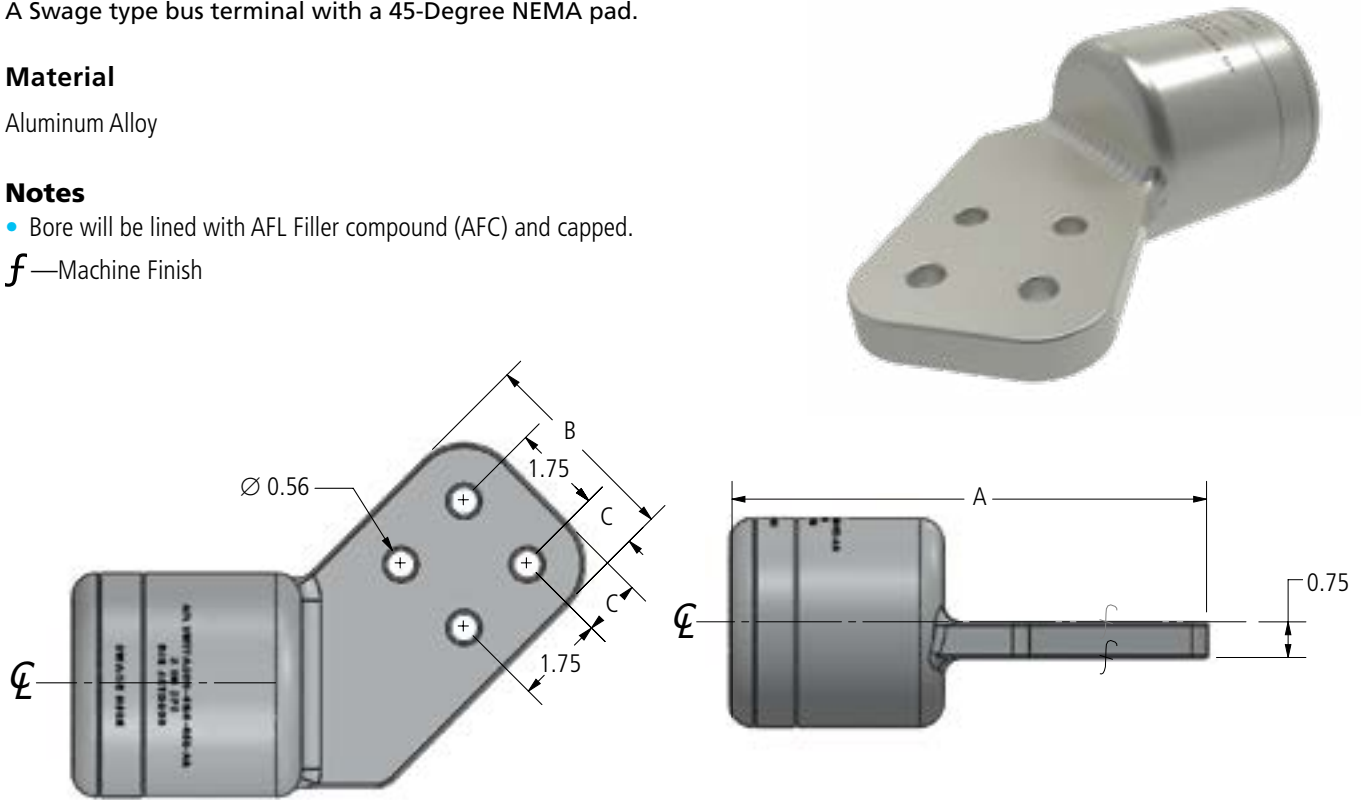
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.

f—Machine Finish



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)			DIE SIZE	VOLTAGE RATING (kV)
		A	B	C		
SWTPA100-4N-45R-AA	1	6.54	3.00	0.63	65TD100	230
SWTPA100-4N4-45R-AA	1	7.74	4.00	1.13	65TD100	230
SWTPA150-4N-45R-AA	1.5	6.72	3.00	0.63	65TD150	230
SWTPA150-4N4-45R-AA	1.5	7.92	4.00	1.13	65TD150	230
SWTPA200-4N-45R-AA	2	7.72	3.00	0.63	65TD200	230
SWTPA200-4N4-45R-AA	2	8.42	4.00	1.13	65TD200	230
SWTPA250-4N-45R-AA	2.5	8.09	3.00	0.63	65TD250	230
SWTPA250-4N4-45R-AA	2.5	9.29	4.00	1.13	65TD250	230
SWTPA300-4N-45R-AA	3	8.84	3.00	0.63	65TD300	345
SWTPA300-4N4-45R-AA	3	10.04	4.00	1.13	65TD300	345
SWTPA350-4N-45R-AA	3.5	8.97	3.00	0.63	65TD350	500
SWTPA350-4N4-45R-AA	3.5	10.17	4.00	1.13	65TD350	500
SWTPA400-4N-45R-AA	4	9.22	3.00	0.63	65TD400	500
SWTPA400-4N4-45R-AA	4	10.42	4.00	1.13	65TD400	500

TYPE SWTC-AA

Swage Bus to NEMA Pad

A Swage type bus tap with a NEMA pad.

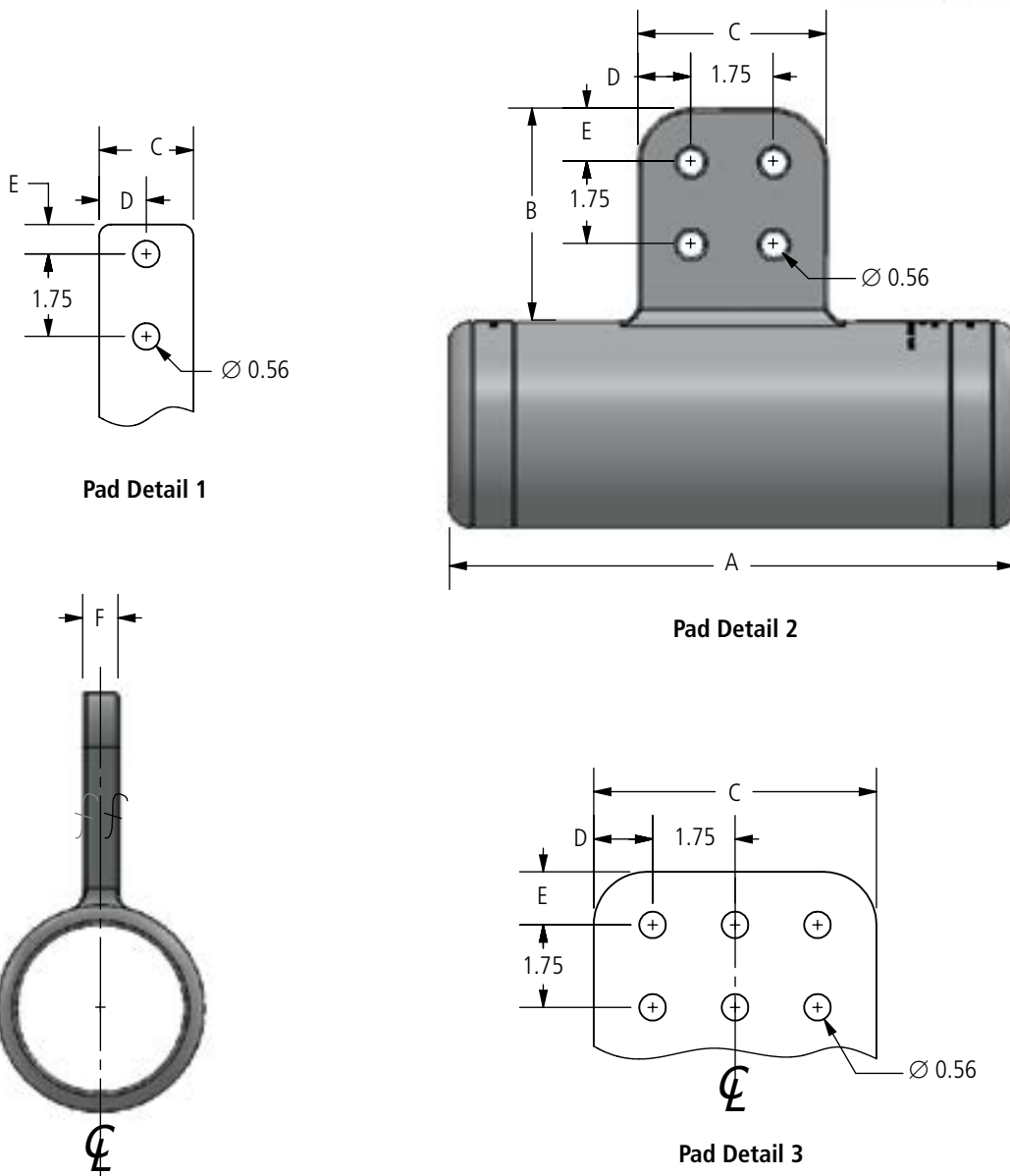
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
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TYPE SWTC-AA

Swage Bus to NEMA Pad

Ordering Information

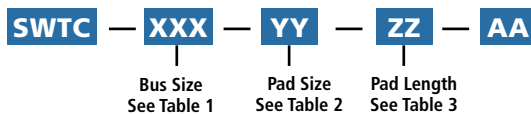
AFL NO.	S.P.S.	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)*
		A					F		
		2N	4N	4N4	5N4	6N4			
SWTC100-YY-ZZ-AA	1	6.00	10.00	10.00	10.00	12.00	0.38	65TD100	230
SWTC150-YY-ZZ-AA	1.5	6.00	10.00	10.00	10.00	12.00	0.50	65TD150	230
SWTC200-YY-ZZ-AA	2	6.00	10.00	10.00	10.00	12.00	0.50	65TD200	230
SWTC250-YY-ZZ-AA	2.5	6.00	10.00	10.00	10.00	12.00	0.63	65TD250	230
SWTC300-YY-ZZ-AA	3	7.25	12.00	12.00	12.00	12.00	0.75	65TD300	SEE TABLE 2
SWTC350-YY-ZZ-AA	3.5	8.25	12.00	12.00	12.00	12.00	0.75	65TD350	SEE TABLE 2
SWTC400-YY-ZZ-AA	4	9.25	12.00	12.00	12.00	12.00	0.75	65TD400	SEE TABLE 2
SWTC400-YY-T1-ZZ-AA	4	9.25	12.00	12.00	12.00	12.00	1.00	65TD400	SEE TABLE 2
SWTC500-YY-ZZ-AA	5	—	—	17.00	17.00	17.00	1.00	85TD500	SEE TABLE 2
SWTC600-YY-ZZ-AA	6	—	—	19.00	19.00	19.00	1.00	115TD600	SEE TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS (inches)			VOLTAGE RATING (kV)*
		C	D	E	
SWTCXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTCXXX-4N-ZZ-AA	2	3.00	0.63	0.63	500
SWTCXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTCXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTCXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

* Pipe size 2.5 S.P.S. and smaller are rated for 230 kV. Pipe size 3 S.P.S. and larger, voltage rating is determined by pad size.

AFL NO.	DIMENSIONS (inches)
	B
SWTCXXX-YY-4.5-AA	4.50
SWTCXXX-YY-5.5-AA	5.50
SWTCXXX-YY-7-AA	7.00
SWTCXXX-YY-8-AA	8.00

AFL No. Designation



TYPE SW2TC-AA

Swage Bus to Two NEMA Pads

A Swage type bus with two NEMA pads.

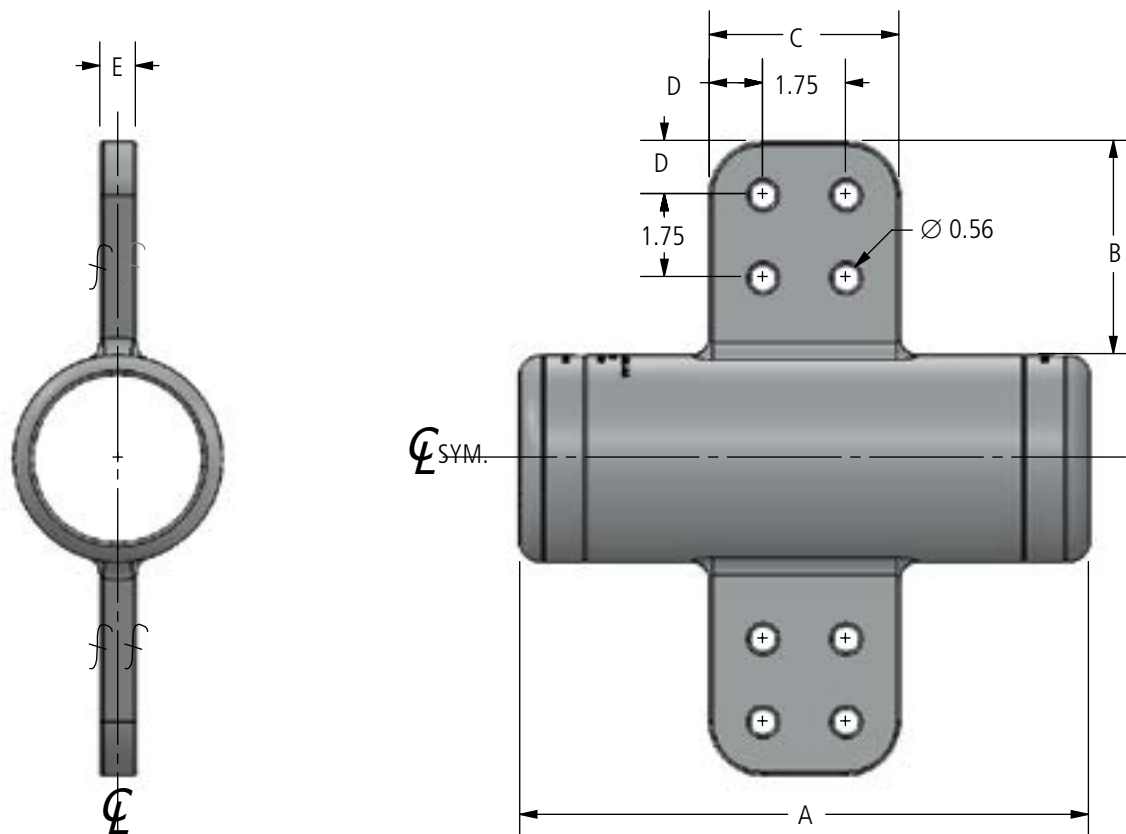
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
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TYPE SW2TC-AA

Swage Bus to Two NEMA Pads

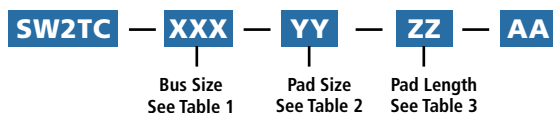
Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)
		A	E		
SW2TC100-YY-ZZ-AA	1	10.00	0.38	65TD100	230
SW2TC150-YY-ZZ-AA	1.5	10.00	0.50	65TD150	230
SW2TC200-YY-ZZ-AA	2	10.00	0.50	65TD200	230
SW2TC250-YY-ZZ-AA	2.5	10.00	0.63	65TD250	230
SW2TC300-YY-ZZ-AA	3	12.00	0.75	65TD300	500
SW2TC500-YY-ZZ-AA	3.5	12.00	0.75	65TD500	500
SW2TC400-YY-ZZ-AA	4	12.00	0.75	65TD400	500
SW2TC500-YY-ZZ-AA	5	17.00	1.00	85TD500	500
SW2TC600-YY-ZZ-AA	6	19.00	1.00	115TD600	500

AFL NO.	DIMENSIONS (inches)	
	C	D
SW2TCXXX-4N-ZZ-AA	3.00	0.63
SW2TCXXX-4N4-ZZ-AA	4.00	1.13

AFL NO.	DIMENSIONS (inches)
	B
SW2TCXXX-YY-4.5-AA	4.50
SW2TCXXX-YY-5.5-AA	5.50
SW2TCXXX-YY-7-AA	7.00
SW2TCXXX-YY-8-AA	8.00

AFL No. Designation



TYPE SWTCS-AA

Swage Split Bus to NEMA Pad

A Swage type split bus tap with a NEMA pad.

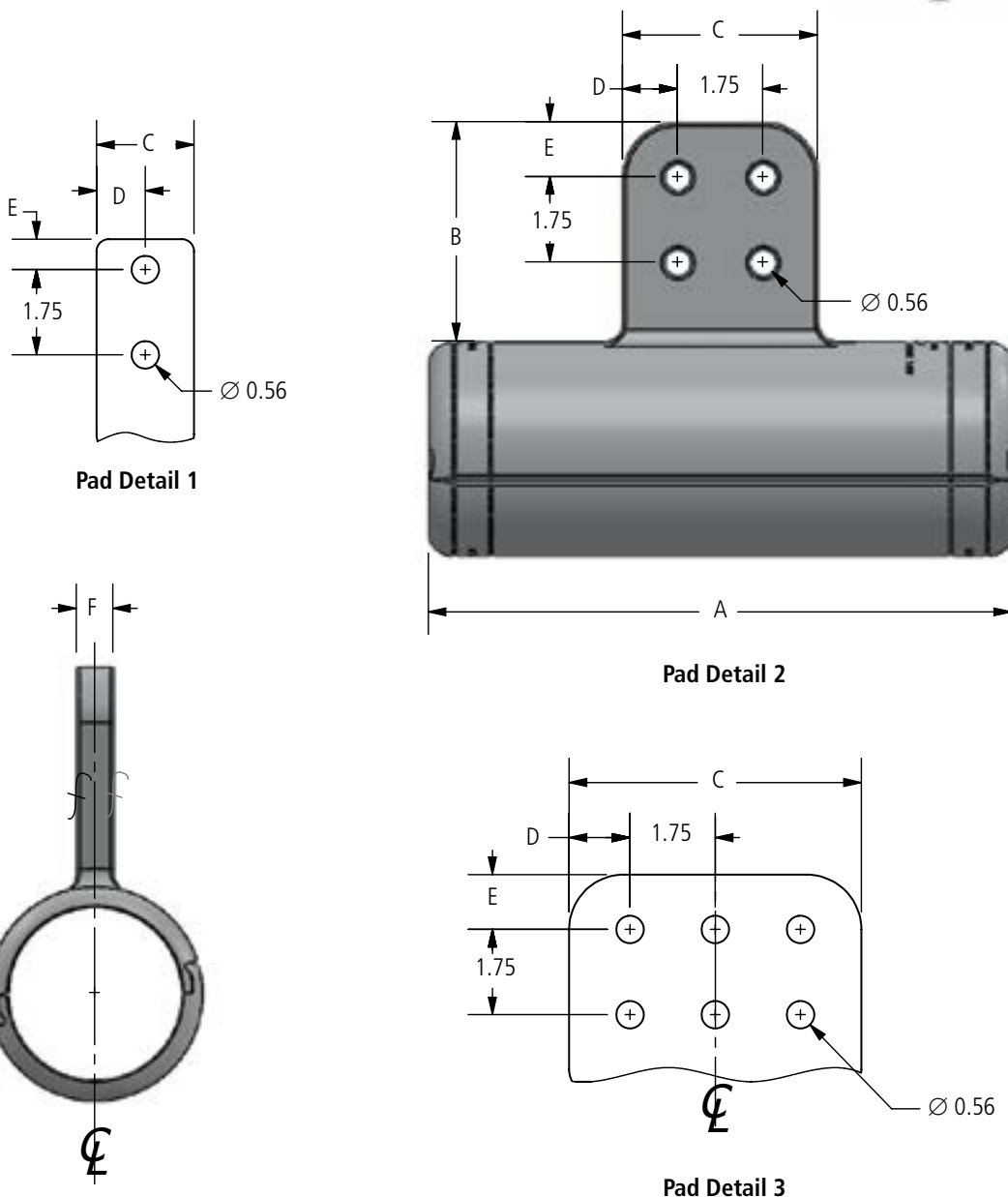
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
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TYPE SWTCS-AA

Swage Split Bus to NEMA Pad

Ordering Information

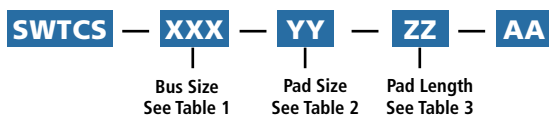
AFL NO.	S.P.S.	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)*
		A					F		
		2N	4N	4N4	5N4	6N4			
SWTCS100-YY-ZZ-AA	1	6.00	10.00	10.00	10.00	12.00	0.38	65TD100	230
SWTCS150-YY-ZZ-AA	1.5	6.00	10.00	10.00	10.00	12.00	0.50	65TD150	230
SWTCS200-YY-ZZ-AA	2	6.00	10.00	10.00	10.00	12.00	0.50	65TD200	230
SWTCS250-YY-ZZ-AA	2.5	6.00	10.00	10.00	10.00	12.00	0.63	65TD250	230
SWTCS300-YY-ZZ-AA	3	7.25	12.00	12.00	12.00	12.00	0.75	65TD300	SEE TABLE 2
SWTCS350-YY-ZZ-AA	3.5	8.25	12.00	12.00	12.00	12.00	0.75	65TD350	SEE TABLE 2
SWTCS400-YY-ZZ-AA	4	9.25	12.00	12.00	12.00	12.00	0.75	65TD400	SEE TABLE 2
SWTCS400-YY-T1-ZZ-AA	4	9.25	12.00	12.00	12.00	12.00	1.00	65TD400	SEE TABLE 2
SWTCS500-YY-ZZ-AA	5	—	—	17.00	17.00	17.00	1.00	85TD500	SEE TABLE 2
SWTCS600-YY-ZZ-AA	6	—	—	19.00	19.00	19.00	1.00	115TD600	SEE TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS (inches)			VOLTAGE RATING (kV)*
		C	D	E	
SWTCSXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTCSXXX-4N-ZZ-AA	2	3.00	0.63	0.63	230
SWTCSXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTCSXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTCSXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

* Pipe size 2.5 S.P.S. and smaller are rated for 230 kV. Pipe size 3 S.P.S. and larger, voltage rating is determined by pad size.

AFL NO.	DIMENSIONS (inches)
	B
SWTCSXXX-YY-4.5-AA	4.50 ¹
SWTCSXXX-YY-5.5-AA	5.50
SWTCSXXX-YY-7-AA	7.00
SWTCSXXX-YY-8-AA	8.00

AFL No. Designation



TYPE SW2TCS-AA

Swage Split Bus to Two NEMA Pads

A Swage type split bus tap with two NEMA pads.

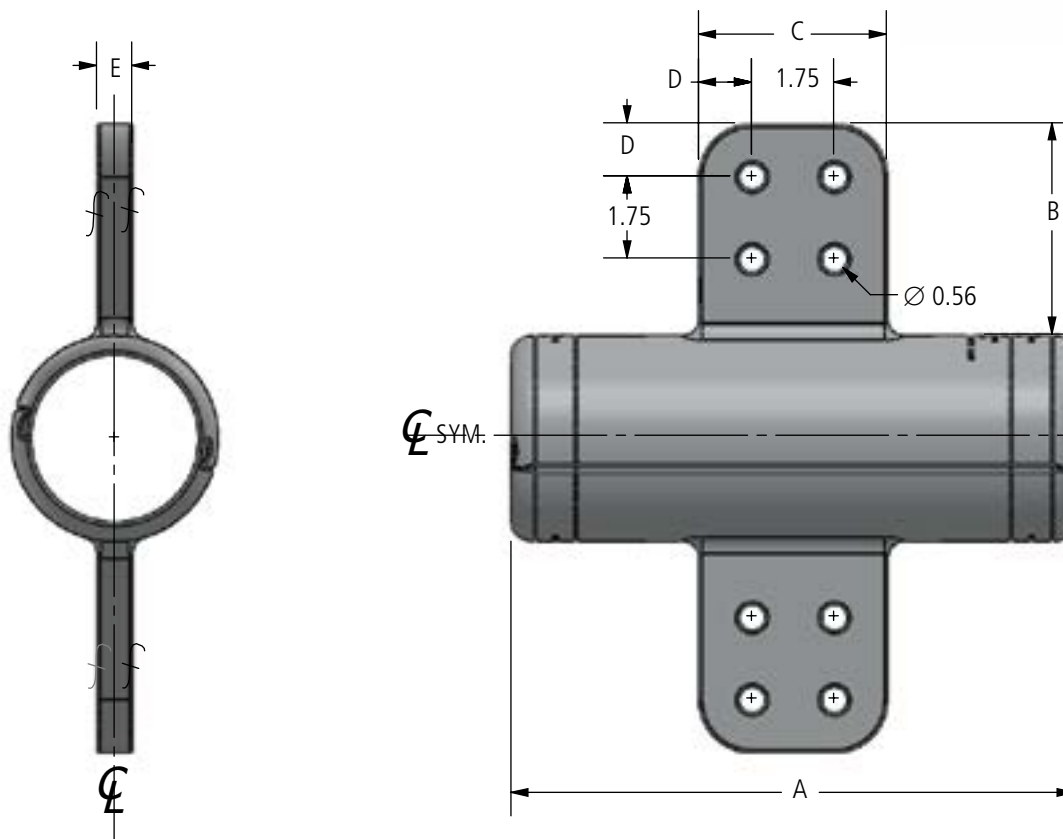
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
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TYPE SW2TCS-AA

Swage Split Bus to Two NEMA Pads

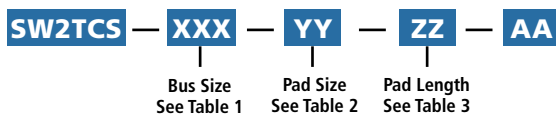
Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)
		A	E		
SW2TCS100-YY-ZZ-AA	1	10.00	0.38	65TD100	230
SW2TCS150-YY-ZZ-AA	1.5	10.00	0.50	65TD150	230
SW2TCS200-YY-ZZ-AA	2	10.00	0.50	65TD200	230
SW2TCS250-YY-ZZ-AA	2.5	10.00	0.63	65TD250	230
SW2TCS300-YY-ZZ-AA	3	12.00	0.75	65TD300	500
SW2TCS350-YY-ZZ-AA	3.5	12.00	0.75	65TD350	500
SW2TCS400-YY-ZZ-AA	4	12.00	0.75	65TD400	500
SW2TCS500-YY-ZZ-AA	5	17.00	1.00	85TD500	500
SW2TCS600-YY-ZZ-AA	6	19.00	1.00	115TD600	500

AFL NO.	DIMENSIONS (inches)	
	C	D
SWTCXXX-2N-ZZ-AA	2.00	1.00
SW2TCSXXX-4N-ZZ-AA	3.00	0.63
SW2TCSXXX-4N4-ZZ-AA	4.00	1.13

AFL NO.	DIMENSIONS (inches)
	B
SW2TCSXXX-YY-4.5-AA	4.50
SW2TCSXXX-YY-5.5-AA	5.50
SW2TCSXXX-YY-7-AA	7.00
SW2TCSXXX-YY-8-AA	8.00

AFL No. Designation



TYPE SWTF-AA Swage Bus to Transverse NEMA Pad

A Swage type bus tap with a single transverse NEMA pad.

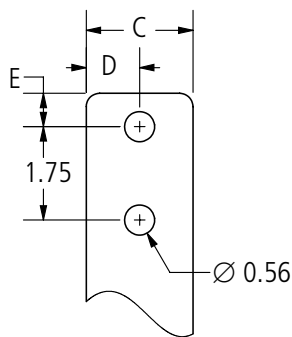
Material

Aluminum Alloy

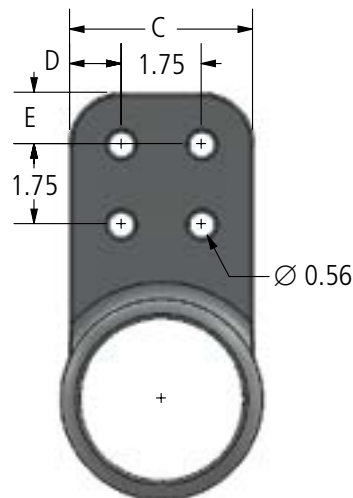
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

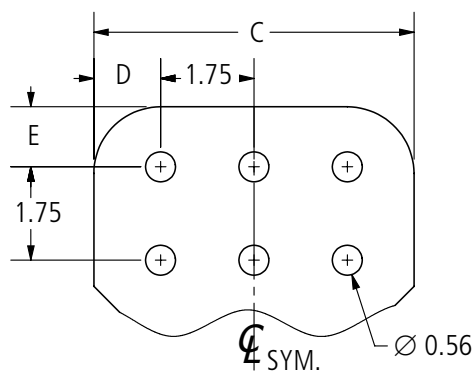
f—Machine Finish



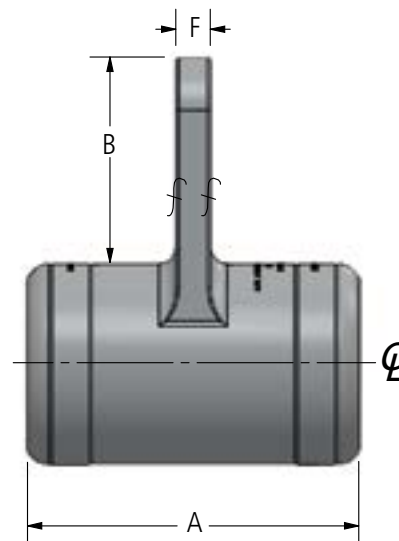
Pad Detail 1



Pad Detail 2



Pad Detail 3



continued
→

TYPE SWTF-AA Swage Bus to Transverse NEMA Pad

Ordering Information

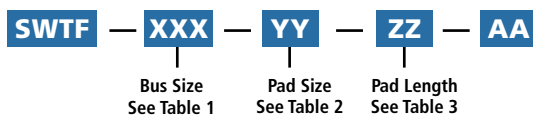
AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)*
		A	F		
SWTF100-YY-ZZ-AA	1	6.00	0.38	65TD100	230
SWTF150-YY-ZZ-AA	1.5	6.00	0.50	65TD150	230
SWTF200-YY-ZZ-AA	2	6.00	0.50	65TD200	230
SWTF250-YY-ZZ-AA	2.5	6.00	0.63	65TD250	230
SWTF300-YY-ZZ-AA	3	7.25	0.75	65TD300	See Table 2
SWTF350-YY-ZZ-AA	3.5	8.25	0.75	65TD350	See Table 2
SWTF400-YY-ZZ-AA	4	9.25	0.75	65TD400	See Table 2
SWTF500-YY-ZZ-AA	5	13.00	1.00	85TD500	See Table 2
SWTF600-YY-ZZ-AA	6	15.00	1.00	115TD600	See Table 2

* Pipe size 2.5 S.P.S. and smaller are rated for 230 kV. Pipe size 3 S.P.S. and larger, voltage rating is determined by pad size.

AFL NO.	PAD DETAIL	DIMENSIONS (inches)			VOLTAGE RATING (kV)*
		C	D	E	
SWTFXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTFXXX-4N-ZZ-AA	2	3.00	0.63	0.63	500
SWTFXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTFXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTFXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

AFL NO.	DIMENSIONS (inches)
	B
SWTFXXX-YY-4.5-AA	4.50
SWTFXXX-YY-5.5-AA	5.50
SWTFXXX-YY-6.5-AA	6.50
SWTFXXX-YY-7-AA	7.00
SWTFXXX-YY-8-AA	8.00
SWTFXXX-YY-9-AA	9.00

AFL No. Designation



TYPE SW2TF-AA Swage Bus to Two Transverse NEMA Pads

A Swage type bus tap with two transverse NEMA pads.

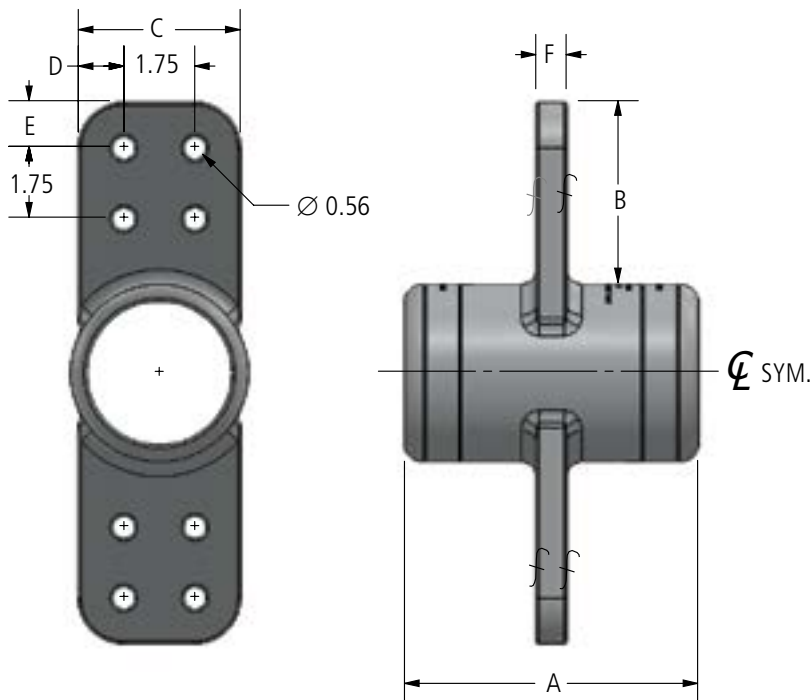
Material

Aluminum Alloy

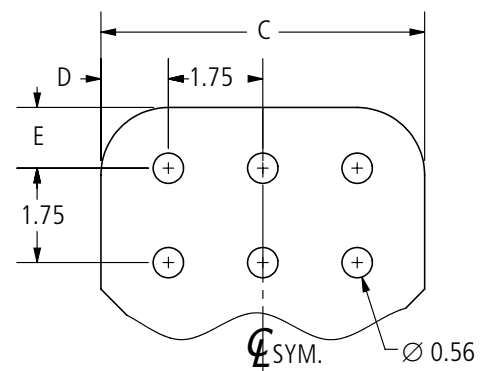
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



Pad Detail 1



Pad Detail 2

continued
→

TYPE SW2TF-AA Swage Bus to Two Transverse NEMA Pads

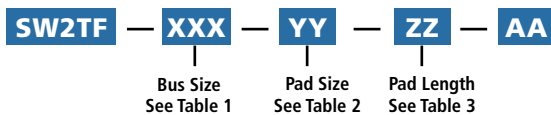
Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)
		A	F		
SW2TF100-YY-ZZ-AA	1	6.00	0.38	65TD100	230
SW2TF150-YY-ZZ-AA	1.5	6.00	0.50	65TD150	230
SW2TF200-YY-ZZ-AA	2	6.00	0.50	65TD200	230
SW2TF250-YY-ZZ-AA	2.5	6.00	0.63	65TD250	230
SW2TF300-YY-ZZ-AA	3	7.25	0.75	65TD300	500
SW2TF350-YY-ZZ-AA	3.5	8.25	0.75	65TD350	500
SW2TF400-YY-ZZ-AA	4	9.25	0.75	65TD400	500
SW2TF500-YY-ZZ-AA	5	13.00	1.00	85TD500	500
SW2TF600-YY-ZZ-AA	6	15.00	1.00	115TD600	500

AFL NO.	PAD DETAIL	DIMENSIONS (inches)		
		C	D	E
SW2TFXXX-4N-ZZ-AA	1	3.00	0.63	0.63
SW2TFXXX-4N4-ZZ-AA	1	4.00	1.13	1.13
SW2TFXXX-5N4-ZZ-AA	2	5.00	0.75	0.63
SW2TFXXX-6N4-ZZ-AA	2	6.00	1.25	1.13

AFL NO.	DIMENSIONS (inches)	
	B	
SW2TFXXX-YY-4.5-AA	4.50	
SW2TFXXX-YY-5.5-AA	5.50	
SW2TFXXX-YY-7-AA	7.00	
SW2TFXXX-YY-8-AA	8.00	

AFL No. Designation



TYPE SWTFS-AA Swage Split Bus to Transverse NEMA Pad

A Swage type split bus tap with a transverse NEMA pad.

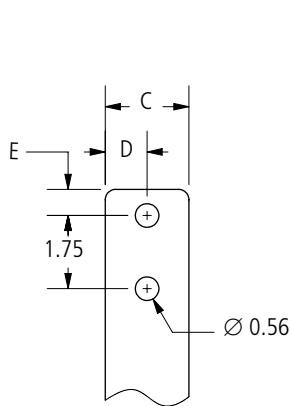
Material

Aluminum Alloy

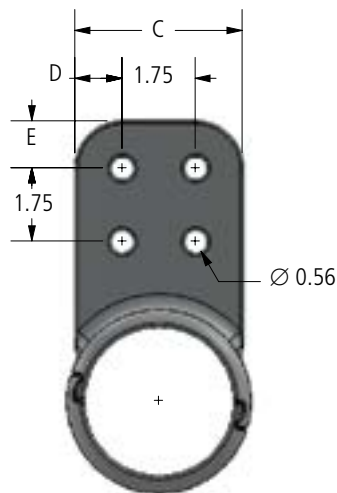
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

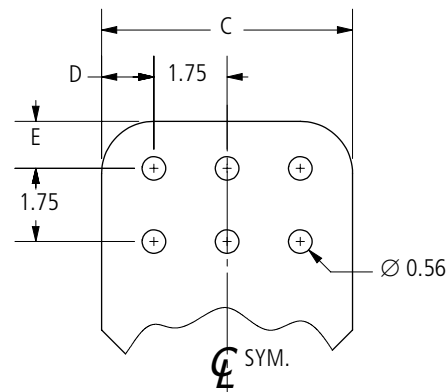
f—Machine Finish



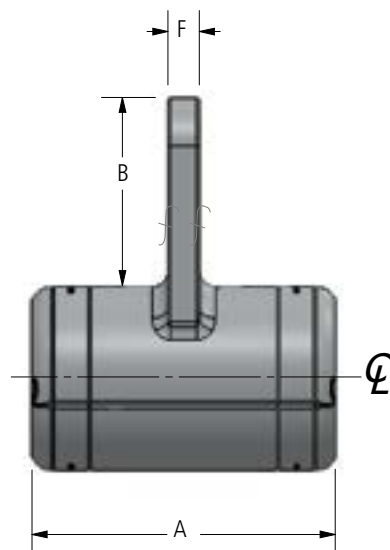
Pad Detail 1



Pad Detail 2



Pad Detail 3



continued
→

TYPE SWTFS-AA Swage Split Bus to Transverse NEMA Pad

Ordering Information

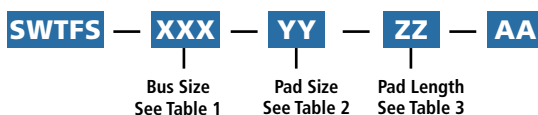
AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)*
		A	F		
SWTFS100-YY-ZZ-AA	1	6.00	0.38	65TD100	230
SWTFS125-YY-ZZ-AA	1.25	6.00	0.50	65TD150	230
SWTFS150-YY-ZZ-AA	1.5	6.00	0.50	65TD150	230
SWTFS200-YY-ZZ-AA	2	6.00	0.50	65TD200	230
SWTFS250-YY-ZZ-AA	2.5	6.00	0.63	65TD250	230
SWTFS300-YY-ZZ-AA	3	7.25	0.75	65TD300	SEE TABLE 2
SWTFS350-YY-ZZ-AA	3.5	8.25	0.75	65TD350	SEE TABLE 2
SWTFS400-YY-ZZ-AA	4	9.25	0.75	65TD400	SEE TABLE 2
SWTFS500-YY-ZZ-AA	5	13.00	1.00	85TD500	SEE TABLE 2
SWTFS600-YY-ZZ-AA	6	15.00	1.00	115TD600	SEE TABLE 2

* Pipe size 2.5 N.P.S. and smaller are rated for 230 kV. Pipe size 3 N.P.S. and larger, voltage rating is determined by pad size.

AFL NO.	PAD DETAIL	DIMENSIONS (inches)			VOLTAGE RATING (kV)*
		C	D	E	
SWTFSXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTFSXXX-4N-ZZ-AA	2	3.00	0.63	0.63	500
SWTFSXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTFSXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTFSXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

AFL NO.	DIMENSIONS (inches)	
	B	
SWTFSXXX-YY-4.5-AA	4.50	
SWTFSXXX-YY-5.5-AA	5.50	
SWTFSXXX-YY-6.5-AA	6.50	
SWTFSXXX-YY-8-AA	8.00	
SWTFSXXX-YY-7-AA	7.00	
SWTFSXXX-YY-9-AA	9.00	

AFL No. Designation



TYPE SW2TFS-AA Swage Split Bus to Two Transverse NEMA Pads

A Swage type split bus tap with two transverse NEMA pads.

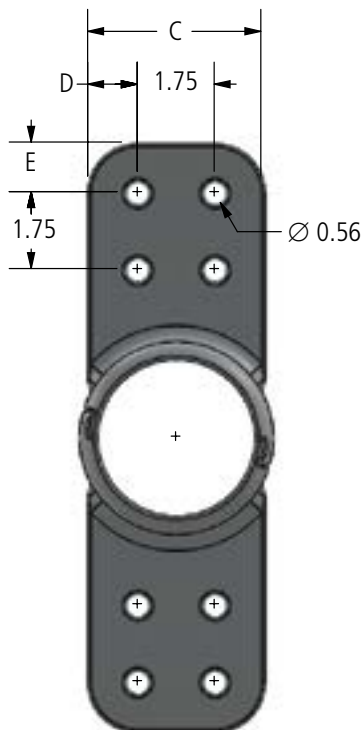
Material

Aluminum Alloy

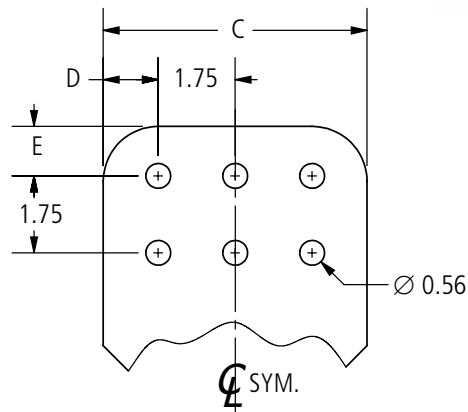
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

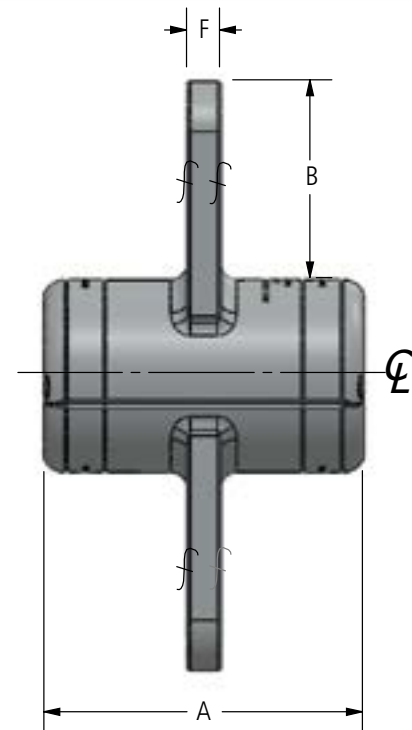
f—Machine Finish



Pad Detail 1



Pad Detail 2



continued
→

TYPE SW2TFS-AA Swage Split Bus to Two Transverse NEMA Pads

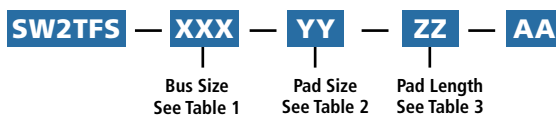
Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (kV)
		A	F		
SW2TFS100-YY-ZZ-AA	1	6.00	0.38	65TD100	230
SW2TFS150-YY-ZZ-AA	1.5	6.00	0.50	65TD150	230
SW2TFS200-YY-ZZ-AA	2	6.00	0.50	65TD200	230
SW2TFS250-YY-ZZ-AA	2.5	6.00	0.63	65TD250	230
SW2TFS300-YY-ZZ-AA	3	7.25	0.75	65TD300	500
SW2TFS350-YY-ZZ-AA	3.5	8.25	0.75	65TD350	500
SW2TFS400-YY-ZZ-AA	4	9.25	0.75	65TD400	500
SW2TFS500-YY-ZZ-AA	5	13.00	1.00	85TD500	500
SW2TFS600-YY-ZZ-AA	6	15.00	1.00	115TD600	500

AFL NO.	PAD DETAIL	DIMENSIONS (inches)		
		C	D	E
SW2TFSXXX-4N-ZZ-AA	1	3.00	0.63	0.63
SW2TFSXXX-4N4-ZZ-AA	1	4.00	1.13	1.13
SW2TFSXXX-5N4-ZZ-AA	2	5.00	0.75	1.13
SW2TFSXXX-6N4-ZZ-AA	2	6.00	1.25	1.13

AFL NO.	DIMENSIONS (inches)
	B
SW2TFSXXX-YY-4.5-AA	4.50
SW2TFSXXX-YY-5.5-AA	5.50
SW2TFSXXX-YY-6.5-AA	6.50
SW2TFSXXX-YY-7-AA	7.00
SW2TFSXXX-YY-8-AA	8.00

AFL No. Designation



TYPE SWGPH-AA, SW2GPH-AA

Swage Bus Grounding Rod

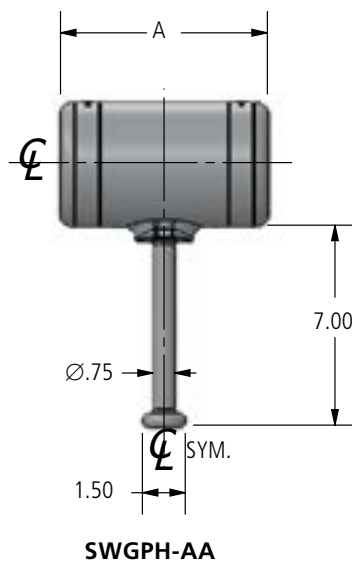
A Swage type grounding rod for a run of bus.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



SAME AS SWGPH-AA EXCEPT AS NOTED



SWGPH-AA



SW2GPH-AA

Ordering Information

AFL NO.		S.P.S.	DIMENSIONS (inches)	DIE SIZE
SINGLE ROD	DOUBLE ROD		A	
SWGPH100-AA	SW2GPH100-AA	1	6.00	65TD100
SWGPH150-AA	SW2GPH150-AA	1.5	6.00	65TD150
SWGPH200-AA	SW2GPH200-AA	2	6.00	65TD200
SWGPH250-AA	SW2GPH250-AA	2.5	6.00	65TD250
SWGPH300-AA	SW2GPH300-AA	3	7.25	65TD300
SWGPH350-AA	SW2GPH350-AA	3.5	8.25	65TD350
SWGPH400-AA	SW2GPH400-AA	4	9.25	65TD400
SWGPH500-AA	SW2GPH500-AA	5	13.00	85TD500
SWGPH600-AA	SW2GPH600-AA	6	15.00	115TD600
SWGPH100-10-AA	SW2GPH100-10-AA	1	10.00	65TD100
SWGPH150-10-AA	SW2GPH150-10-AA	1.5	10.00	65TD150
SWGPH200-10-AA	SW2GPH200-10-AA	2	10.00	65TD200
SWGPH250-10-AA	SW2GPH250-10-AA	2.5	10.00	65TD250
SWGPH300-12-AA	SW2GPH300-12-AA	3	12.00	65TD300
SWGPH350-12-AA	SW2GPH350-12-AA	3.5	12.00	65TD350
SWGPH400-12-AA	SW2GPH400-12-AA	4	12.00	65TD400
SWGPH500-17-AA	SW2GPH500-17-AA	5	17.00	85TD500
SWGPH600-19-AA	SW2GPH600-19-AA	6	19.00	115TD600

TYPE SWGPHS-AA, SW2GPHS-AA

Swage Split Bus Grounding Rod

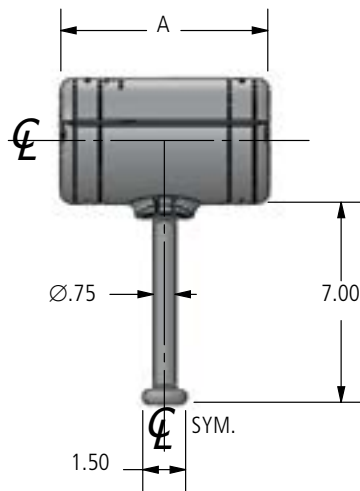
A Swage type split grounding rod for a run of bus.

Material

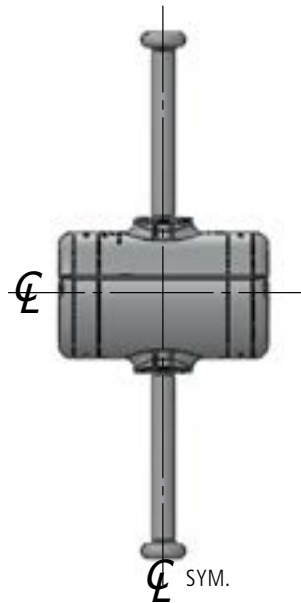
Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



SWGPHS-AA



SW2GPHS-AA

SAME AS SWGPHS-AA EXCEPT AS NOTED



SWGPHS-AA



SW2GPHS-AA

Ordering Information

AFL NO.		S.P.S.	DIMENSIONS (inches)	DIE SIZE
SINGLE ROD	DOUBLE ROD			
SWGPHS100-AA	SW2GPHS100-AA	1	6.00	65TD100
SWGPHS150-AA	SW2GPHS150-AA	1.5	6.00	65TD150
SWGPHS200-AA	SW2GPHS200-AA	2	6.00	65TD200
SWGPHS250-AA	SW2GPHS250-AA	2.5	6.00	65TD250
SWGPHS300-AA	SW2GPHS300-AA	3	7.25	65TD300
SWGPHS350-AA	SW2GPHS350-AA	3.5	8.25	65TD350
SWGPHS400-AA	SW2GPHS400-AA	4	9.25	65TD400
SWGPHS500-AA	SW2GPHS500-AA	5	13.00	85TD500
SWGPHS600-AA	SW2GPHS600-AA	6	15.00	115TD600
SWGPHS100-10-AA	SW2GPHS100-10-AA	1	10.00	65TD100
SWGPHS150-10-AA	SW2GPHS150-10-AA	1.5	10.00	65TD150
SWGPHS200-10-AA	SW2GPHS200-10-AA	2	10.00	65TD200
SWGPHS250-10-AA	SW2GPHS250-10-AA	2.5	10.00	65TD250
SWGPHS300-12-AA	SW2GPHS300-12-AA	3	12.00	65TD300
SWGPHS350-12-AA	SW2GPHS350-12-AA	3.5	12.00	65TD350
SWGPHS400-12-AA	SW2GPHS400-12-AA	4	12.00	65TD400
SWGPHS500-17-AA	SW2GPHS500-17-AA	5	17.00	85TD500
SWGPHS600-19-AA	SW2GPHS600-19-AA	6	19.00	115TD600

TYPE SWGPHV-AA, SW2GPHV-AA

Swage EHV Ground Stud

A Swage type bus run with a high-voltage grounding stud.

Material

Aluminum Alloy

Notes

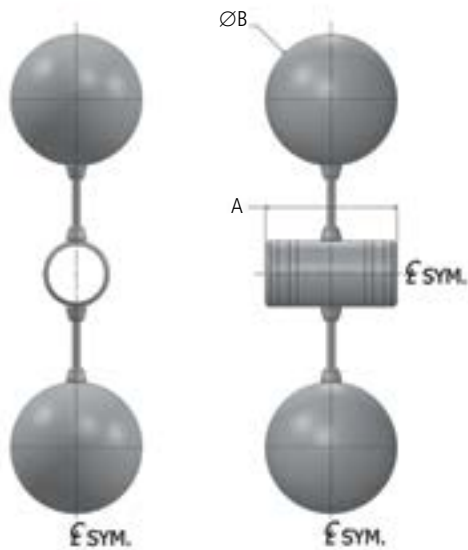
- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



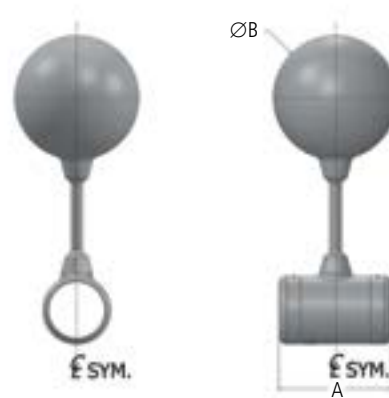
SWGPHV-AA



SW2GPHV-AA



SWGPHV-AA



SW2GPHV-AA

Ordering Information

AFL NO.		S.P.S.	DIMENSIONS (inches)		DIE SIZE
SINGLE ROD	DOUBLE ROD		A	B	
SWGPHV300-8-AA	SW2GPHV300-8-AA	3	7.25	8.00	65TD300
SWGPHV300-13-AA	SW2GPHV300-13-AA	3	7.25	13.00	65TD300
SWGPHV350-8-AA	SW2GPHV350-8-AA	3.5	8.25	8.00	65TD350
SWGPHV350-13-AA	SW2GPHV350-13-AA	3.5	8.25	13.00	65TD350
SWGPHV400-8-AA	SW2GPHV400-8-AA	4	9.25	8.00	65TD400
SWGPHV400-13-AA	SW2GPHV400-13-AA	4	9.25	13.00	65TD400
SWGPHV500-8-AA	SW2GPHV500-8-AA	5	13.00	8.00	85TD500
SWGPHV500-13-AA	SW2GPHV500-13-AA	5	13.00	13.00	85TD500
SWGPHV600-8-AA	SW2GPHV600-8-AA	6	15.00	8.00	115TD600
SWGPHV600-13-AA	SW2GPHV600-13-AA	6	15.00	13.00	115TD600

TYPE SWGPHVS-AA

Swage Split Bus EHV Ground Stud

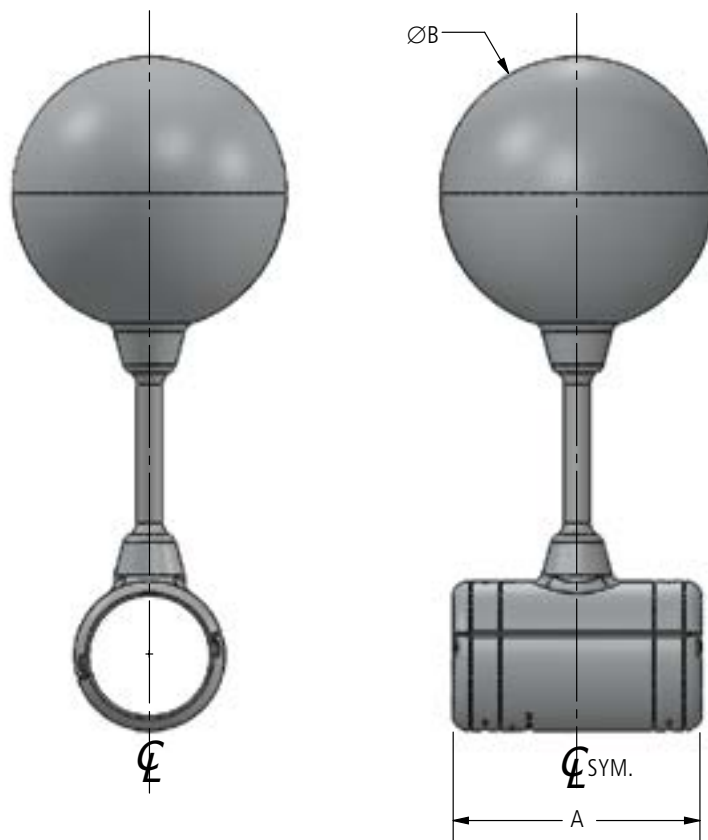
A Swage type split bus run with a high-voltage grounding stud.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)		DIE SIZE
		A	B	
SWGPHVS300-8-AA	3	7.25	8.00	65TD300
SWGPHVS300-13-AA	3	7.25	13.00	65TD300
SWGPHVS350-8-AA	3.5	8.25	8.00	65TD350
SWGPHVS350-13-AA	3.5	8.25	13.00	65TD350
SWGPHVS400-8-AA	4	9.25	8.00	65TD400
SWGPHVS400-13-AA	4	9.25	13.00	65TD400
SWGPHVS500-8-AA	5	13.00	8.00	85TD500
SWGPHVS500-13-AA	5	13.00	13.00	85TD500
SWGPHVS600-8-AA	6	15.00	8.00	115TD600
SWGPHVS600-13-AA	6	15.00	13.00	115TD600

TYPE SWGS-AA, SW2GS-AA

Swage Grounding Stirrup

A Swage type bus grounding stirrup.

Material

Aluminum Alloy

Notes

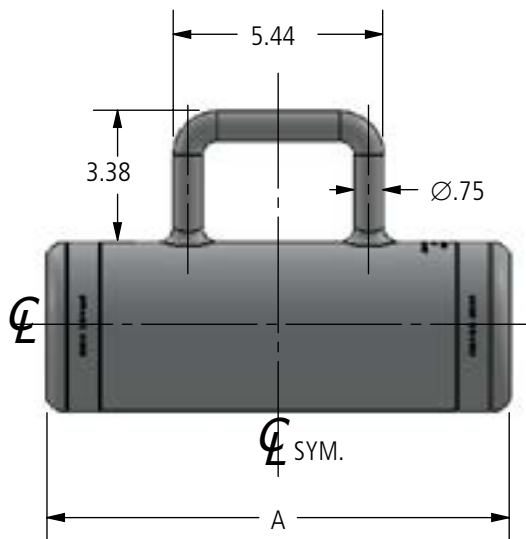
- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



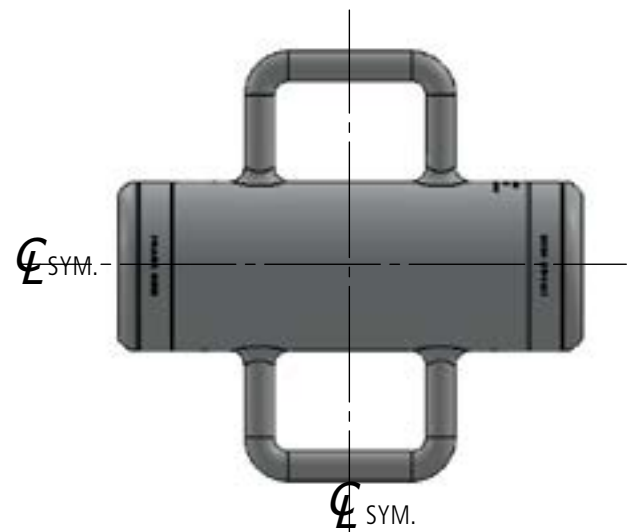
SWGS-AA



SW2GS-AA



SWGS-AA



SW2GS-AA

SAME AS SWGS-AA EXCEPT AS NOTED

Ordering Information

AFL NO.		S.P.S.	DIMENSIONS (inches)	DIE SIZE
SINGLE STIRRUP	DOUBLE SITRRUP		A	
SWGS100-AA	SW2GS100-AA	1	10.00	65TD100
SWGS150-AA	SW2GS150-AA	1.5	10.00	65TD150
SWGS200-AA	SW2GS200-AA	2	10.00	65TD200
SWGS250-AA	SW2GS250-AA	2.5	10.00	65TD250
SWGS300-AA	SW2GS300-AA	3	12.00	65TD300
SWGS350-AA	SW2GS350-AA	3.5	12.00	65TD350
SWGS400-AA	SW2GS400-AA	4	12.00	65TD400
SWGS500-AA	SW2GS500-AA	5	17.00	85TD500
SWGS600-AA	SW2GS600-AA	6	19.00	115TD600

TYPE SWGSS-AA, SW2GSS-AA

Swage Split Grounding Stirrup

A Swage type split bus grounding stirrup.

Material

Aluminum Alloy

Notes

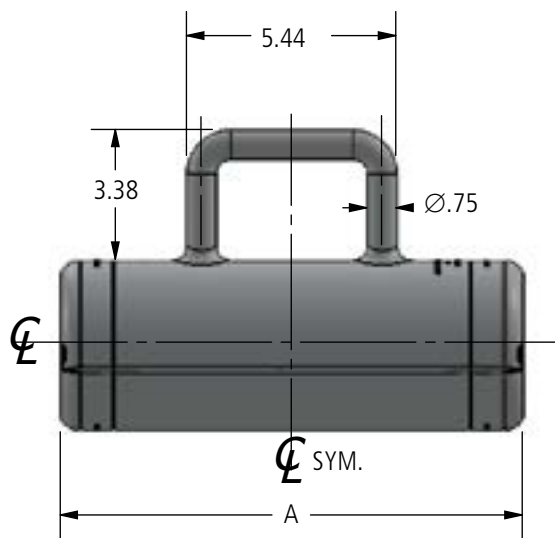
- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.



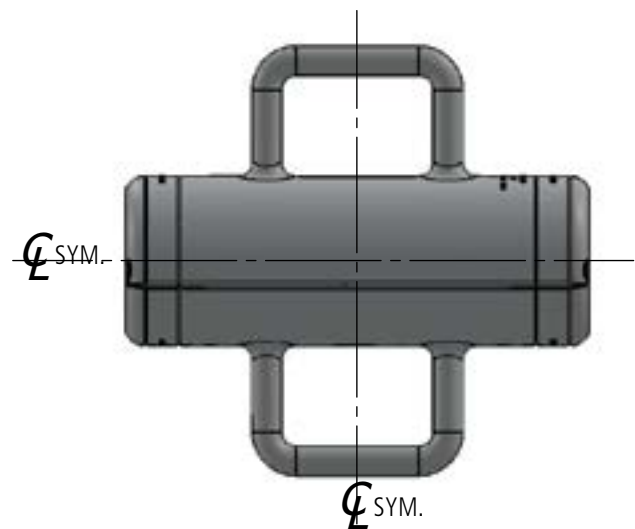
SWGS-AA



SW2GSS-AA



SWGSS-AA



SW2GSS-AA

SAME AS SWGSS-AA EXCEPT AS NOTED

Ordering Information

AFL NO.		S.P.S.	DIMENSIONS (inches)	DIE SIZE
SINGLE STIRRUP	DOUBLE SITRRUP		A	
SWGSS100-AA	SW2GSS100-AA	1	10.00	65TD100
SWGSS150-AA	SW2GSS150-AA	1.5	10.00	65TD150
SWGSS200-AA	SW2GSS200-AA	2	10.00	65TD200
SWGSS250-AA	SW2GSS250-AA	2.5	10.00	65TD250
SWGSS300-AA	SW2GSS300-AA	3	12.00	65TD300
SWGSS350-AA	SW2GSS350-AA	3.5	12.00	65TD350
SWGSS400-AA	SW2GSS400-AA	4	12.00	65TD400
SWGSS500-AA	SW2GSS500-AA	5	17.00	85TD500
SWGSS600-AA	SW2GSS600-AA	6	19.00	115TD600

TYPE PSD-AA, PSD-CH-AA

Bus Support, Pipe, Slide or Tight Fit

Bolted clamp type support, for pipe-to-pipe connection, with reversible tight or rigid fit.

Material

Aluminum Alloy

Hardware

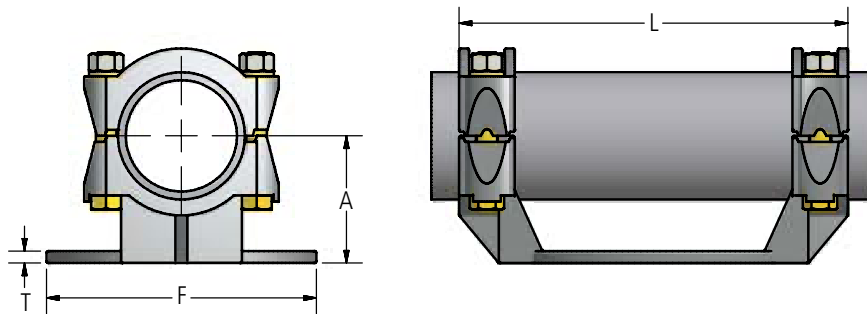
Yellow anodized aluminum bolts, nuts and lockwashers

Galvanized steel base mounting hardware included



Notes

- For Chatter Spring, add "-CH" to catalog number. EX: PSD400-3-CH-AA
- For Grade Five Galvanized Steel Hardware, add "-GS5" to catalog number. EX: PSD400-5-AA-GS5
- For Stainless Steel bolts, lockwashers and Everdur nuts, add "-SSHBN" to catalog number. EX: PSD400-3-AA-SSBHN
- For base mounting dimensions and hardware, see page 3 in the general catalog index of AFL's Substation Catalog or page 46 of the Swage Accessories Catalog.



Ordering Information

CATALOG NUMBER		S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)				BOLT SIZE
STANDARD	CHATTER SPRING			A	F	L	T	
PSD75-3-AA	PSD75-3-CH-AA	3/4	3	2	4-1/4	6-3/4	3/8	1/2
PSD75-5-AA	PSD75-5-CH-AA	3/4	5	2-1/4	6-1/4	9	3/8	1/2
PSD100-3-AA	PSD100-3-CH-AA	1	3	2	4-1/4	7	3/8	1/2
PSD100-5-AA	PSD100-5-CH-AA	1	5	2-1/4	6-1/4	9	3/8	1/2
PSD125-3-AA	PSD125-3-CH-AA	1-1/4	3	2-1/4	4-1/4	7-1/4	3/8	1/2
PSD125-5-AA	PSD125-5-CH-AA	1-1/4	5	2-3/8	6-1/4	9-1/2	3/8	1/2
PSD150-3-AA	PSD150-3-CH-AA	1-1/2	3	2-1/2	4-1/4	7-1/4	3/8	1/2
PSD150-5-AA	PSD150-5-CH-AA	1-1/2	5	2-1/2	6-1/4	9-1/2	3/8	1/2
PSD200-3-AA	PSD200-3-CH-AA	2	3	2-3/4	4-1/4	7-1/4	3/8	1/2
PSD200-5-AA	PSD200-5-CH-AA	2	5	2-3/4	6-1/4	9-1/2	3/8	1/2
PSD250-3-AA	PSD250-3-CH-AA	2-1/2	3	3-1/8	4-1/4	7-3/4	3/8	1/2
PSD250-5-AA	PSD250-5-CH-AA	2-1/2	5	3-1/8	6-1/4	10	3/8	1/2
PSD300-3-AA	PSD300-3-CH-AA	3	3	3-5/8	4-1/4	7-3/4	3/8	5/8
PSD300-5-AA	PSD300-5-CH-AA	3	5	3-5/8	6-1/4	10	3/8	5/8
PSD300-7-AA	PSD300-7-CH-AA	3	7	3-5/8	8-1/2	12-1/4	1/2	5/8
PSD350-3-AA	PSD350-3-CH-AA	3-1/2	3	4	4-1/4	7-3/4	3/8	5/8
PSD350-5-AA	PSD350-5-CH-AA	3-1/2	5	4	6-1/4	10	3/8	5/8
PSD350-7-AA	PSD350-7-CH-AA	3-1/2	7	4	8-1/2	12	1/2	5/8

continued



TYPE PSD-AA, PSD-CH-AA

Bus Support, Pipe, Slide or Tight Fit

DOSSERT®**Ordering Information**

CATALOG NUMBER		S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)				BOLT SIZE
STANDARD	CHATTER SPRING			A	F	L	T	
PSD400-3-AA	PSD400-3-CH-AA	4	3	4-1/2	4-1/4	7-3/4	1/2	5/8
PSD400-5-AA	PSD400-5-CH-AA	4	5	4-1/2	6-1/4	10	1/2	5/8
PSD400-7-AA	PSD400-7-CH-AA	4	7	4-1/2	8-1/2	12-1/4	1/2	5/8
PSD450-3-AA	PSD450-3-CH-AA	4-1/2	3	4-3/4	4-1/4	8	1/2	5/8
PSD450-5-AA	PSD450-5-CH-AA	4-1/2	5	4-3/4	6-1/4	10	1/2	5/8
PSD450-7-AA	PSD450-7-CH-AA	4-1/2	7	4-3/4	8-1/2	12-3/4	5/8	5/8
PSD500-3-AA	PSD500-3-CH-AA	5	3	5	4-1/4	8	1/2	5/8
PSD500-5-AA	PSD500-5-CH-AA	5	5	5	6-1/4	10	1/2	5/8
PSD500-7-AA	PSD500-7-CH-AA	5	7	5	8-1/2	12-3/4	1/2	5/8
PSD600-3-AA	PSD600-3-CH-AA	6	3	5-1/2	4-1/4	8-1/4	1/2	5/8
PSD600-5-AA	PSD600-5-CH-AA	6	5	5-1/2	6-1/4	10-1/2	1/2	5/8
PSD600-7-AA	PSD600-7-CH-AA	6	7	5-1/2	8-1/2	12-3/4	1/2	5/8
PSD800-5-AA	PSD800-5-CH-AA	8	5	6-7/8	6-1/4	10-1/2	1/2	5/8
PSD800-7-AA	PSD800-7-CH-AA	8	7	6-7/8	8-1/2	12-3/4	1/2	5/8

TYPE PSD-V-AA, PSD-V-CH-AA

Bolted Bus Support, Pipe, Slide or Tight Fit

Double ring support is designed to be corona free for 345 kV and 500 kV service. Support is designed to be slip or tight fit depending on top caps.

Material

Aluminum Alloy

Hardware

Galvanized steel bolts and lockwashers for mounting.

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

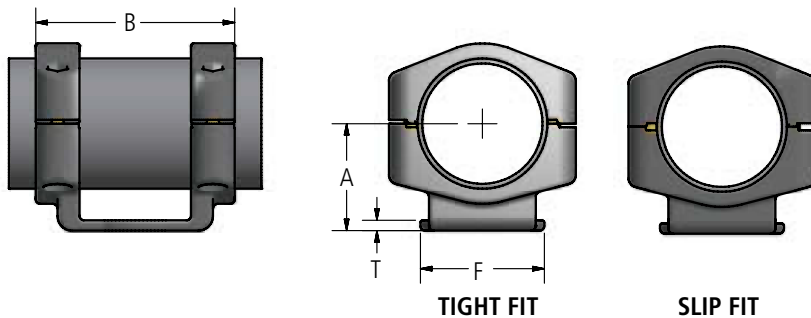
- For Grade Five galvanized steel hardware, add "-GS5" to catalog number. EX: PSD400-7-V-AA-GS5



PSD-V-AA



PSD-V-CH-AA



Ordering Information

CATALOG NUMBER		S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)				BOLT SIZE
STANDARD	WITH CHATTER SPRING			A	B	F	T	
PSD250-5-V-AA	PSD250-5-V-CH-AA	2 1/2	5	3 1/8	9 7/8	6 1/4	17/32	1/2
PSD300-3-V-AA	PSD300-3-V-CH-AA	3	3	3 5/8	10 1/8	4 1/4	5/8	5/8
PSD300-5-V-AA	PSD300-5-V-CH-AA	3	5	3 5/8	10 1/4	6 1/4	1/2	5/8
PSD300-7-V-AA	PSD300-7-V-CH-AA	3	7	3 5/8	14 1/2	8 1/2	1/2	5/8
PSD350-5-V-AA	PSD350-5-V-CH-AA	3 1/2	5	4	10 1/4	6 1/4	1/2	5/8
PSD350-7-V-AA	PSD350-7-V-CH-AA	3 1/2	7	4	14 1/2	8 1/2	1/2	5/8
PSD400-3-V-AA	PSD400-3-V-CH-AA	4	3	4 1/2	10 1/8	4 1/4	9/16	5/8
PSD400-5-V-AA	PSD400-5-V-CH-AA	4	5	4 1/2	10 1/4	6 3/8	9/16	5/8
PSD400-7-V-AA	PSD400-7-V-CH-AA	4	7	4 1/2	14 1/2	8 1/2	1/2	5/8
PSD500-3-V-AA	PSD500-3-V-CH-AA	5	3	5	10 1/8	4 1/4	9/16	5/8
PSD500-5-V-AA	PSD500-5-V-CH-AA	5	5	5	10 1/4	6 1/4	1/2	5/8
PSD500-5/7-V-AA	PSD500-5/7-V-CH-AA	5	5 & 7	5	12 3/4	8 1/2	5/8	5/8
PSD500-7-V-AA	PSD500-7-V-CH-AA	5	7	5	12 3/4	8 1/2	5/8	5/8
PSD600-5-V-AA	PSD600-5-V-CH-AA	6	5	5 1/2	10 1/4	6 1/4	1/2	5/8
PSD600-7-V-AA	PSD600-7-V-CH-AA	6	7	5 1/2	12 3/4	8 1/2	5/8	5/8
PSD800R-5-V-AA	PSD800R-5-V-CH-AA	8 DIA	5	7 1/2	10 1/4	6 1/4	1/2	5/8
PSD800R-7-V-AA	PSD800R-7-V-CH-AA	8 DIA	7	7 1/2	12 3/4	8 1/2	5/8	5/8
PSD800-5-V-AA	PSD800-5-V-CH-AA	8	5	6 7/8	10 1/4	6 1/4	1/2	5/8
PSD800-7-V-AA	PSD800-7-V-CH-AA	8	7	6 7/8	12 3/4	8 1/2	5/8	5/8

AFL's Dossier® product line offers a wide range of substation accessories in low voltage up to 765 kV applications in bronze or aluminum materials.

TYPE WPS-AA

Aluminum Welded Bus Support

Horizontal type support for pipe or tube to insulator. Slip or rigid fit applications.

Material

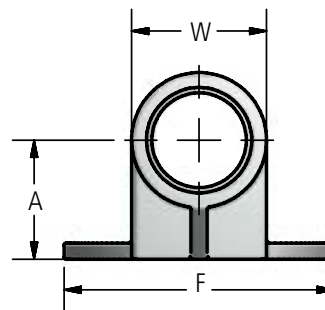
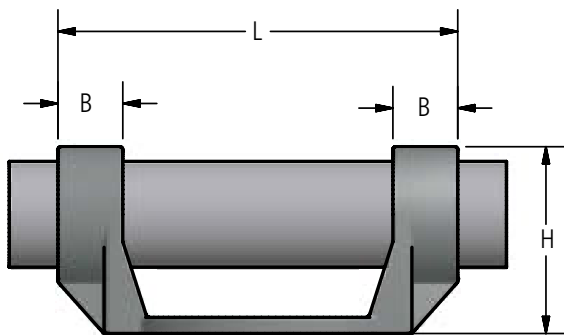
Aluminum Alloy

Hardware

Galvanized steel mounting hardware.

Notes

- For base mounting dimensions and hardware see page 3 in the general catalog index of AFL's Substation Catalog or page 46 of the Swage Accessories Catalog.



continued
→

TYPE WPS-AA

Aluminum Welded Bus Support

Ordering Information

CATALOG NUMBER		S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)							
STANDARD	WITH CHATTER SPRING			A	B	C	D	F	H	L	W
WPS100-3-AA	WPS100-3-CH-AA	1	A	2	1	3	-	4 1/4	2 31/32	6 1/4	1 29/32
WPS100-5-AA	WPS100-5-CH-AA	1	A	2 1/4	1	5	-	6 1/4	3 7/32	7 27/32	1 29/32
WPS125-3-AA	WPS125-3-CH-AA	1 1/4	A	2 1/4	1	3	-	4 1/4	3 3/8	6 1/4	2 9/32
WPS125-5-AA	WPS125-5-CH-AA	1 1/4	A	2 3/8	1	5	-	6 1/4	3 17/32	8 1/8	2 9/32
WPS150-3-AA	WPS150-3-CH-AA	1 1/2	A	2 1/2	1 1/4	3	-	4 1/4	3 3/4	6 3/4	2 9/32
WPS150-5-AA	WPS150-5-CH-AA	1 1/2	A	2 1/2	1 1/4	5	-	6 1/4	3 3/4	8 3/4	2 9/32
WPS200-3-AA	WPS200-3-CH-AA	2	A	2 3/4	1 1/2	3	-	4 1/4	4 1/4	7 1/4	3 5/32
WPS200-5-AA	WPS200-5-CH-AA	2	A	2 3/4	1 1/2	5	-	6 1/4	4 1/4	9 1/8	3 5/32
WPS250-3-AA	WPS250-3-CH-AA	2 1/2	A	3 1/8	1 1/2	3	-	4 1/4	5	7 1/4	3 13/16
WPS250-5-AA	WPS250-5-CH-AA	2 1/2	A	3 1/8	1 1/2	5	-	6 1/4	5	9 3/16	3 13/16
WPS250-7-AA	WPS250-7-CH-AA	2 1/2	A	3 1/8	1 1/2	7	-	8 1/2	5	12	3 13/16
WPS300-3-AA	WPS300-3-CH-AA	3	A	3 5/8	1 3/4	3	-	4 1/4	5 25/32	7 3/4	4 5/16
WPS300-3/5-AA	WPS300-3/5-CH-AA	3	B	3 5/8	1 3/4	3	5	6 1/4	5 25/32	9 3/4	4 5/16
WPS300-5-AA	WPS300-5-CH-AA	3	A	3 5/8	1 3/4	5	-	6 1/4	5 25/32	9 3/4	4 5/16
WPS300-5/7-AA	WPS300-5/7-CH-AA	3	B	3 5/8	1 3/4	5	7	8 1/2	5 25/32	12 1/4	4 5/16
WPS300-7-AA	WPS300-7-CH-AA	3	A	3 5/8	1 3/4	7	-	8 1/2	5 25/32	12 1/4	4 5/16
WPS350-3-AA	WPS350-3-CH-AA	3 1/2	A	4	1 3/4	3	-	4 1/4	6 1/2	7 3/4	5
WPS350-3/5-AA	WPS350-3/5-CH-AA	3 1/2	B	4	1 3/4	3	5	6 1/4	6 1/2	9 3/4	5
WPS350-5-AA	WPS350-5-CH-AA	3 1/2	A	4	1 3/4	5	-	6 1/4	6 1/2	9 3/4	5
WPS350-5/7-AA	WPS350-5/7-CH-AA	3 1/2	B	4	1 3/4	5	7	8 1/2	6 1/2	12 1/8	5
WPS350-7-AA	WPS350-7-CH-AA	3 1/2	A	4	1 3/4	7	-	8 1/2	6 1/2	12 1/8	5
WPS400-3-AA	WPS400-3-CH-AA	4	A	4 1/2	2	3	-	4 1/4	7 1/4	8 1/8	5 15/32
WPS400-3/5-AA	WPS400-3/5-CH-AA	4	B	4 1/2	2	3	5	6 1/4	7 1/4	10 1/4	5 15/32
WPS400-5-AA	WPS400-5-CH-AA	4	A	4 1/2	2	5	-	6 1/4	7 1/4	10 1/4	5 15/32
WPS400-5/7-AA	WPS400-5/7-CH-AA	4	B	4 1/2	2	5	7	8 1/2	7 1/4	12 1/2	5 15/32
WPS400-7-AA	WPS400-7-CH-AA	4	A	4 1/2	2	7	-	8 1/2	7 1/4	12 1/2	5 15/32
WPS450-3-AA	WPS450-3-CH-AA	4 1/2	A	4 3/4	2	3	-	4 1/4	7 1/4	8 1/4	5 31/32
WPS450-3/5-AA	WPS450-3/5-CH-AA	4 1/2	B	4 3/4	2	3	5	6 1/4	7 1/4	10 1/4	5 31/32
WPS450-5-AA	WPS450-5-CH-AA	4 1/2	A	4 3/4	2	5	-	6 1/4	7 1/4	10 1/4	5 31/32
WPS450-5/7-AA	WPS450-5/7-CH-AA	4 1/2	B	4 3/4	2	5	7	8 1/2	7 1/4	12 1/2	5 15/32
WPS450-7-AA	WPS450-7-CH-AA	4 1/2	A	4 3/4	2	7	-	8 1/2	7 1/4	12 1/2	5 15/32
WPS500-3-AA	WPS500-3-CH-AA	5	A	5	2 1/4	3	-	4 1/4	8 9/16	8 7/8	6 5/8
WPS500-3/5-AA	WPS500-3/5-CH-AA	5	B	5	2 1/4	3	5	6 1/4	8 9/16	10 7/8	6 5/8
WPS500-5-AA	WPS500-5-CH-AA	5	A	5	2 1/4	5	-	6 1/4	8 9/16	10 7/8	6 5/8
WPS500-5/7-AA	WPS500-5/7-CH-AA	5	B	5	2 1/4	5	7	8 1/2	8 9/16	13 1/8	6 5/8
WPS500-7-AA	WPS500-7-CH-AA	5	A	5	2 1/4	7	-	8 1/2	8 9/16	13 1/8	6 5/8
WPS600-3-AA	WPS600-3-CH-AA	6	A	5 1/2	2 1/4	3	-	4 1/4	9 23/32	8 7/8	7 7/8
WPS600-3/5-AA	WPS600-3/5-CH-AA	6	B	5 1/2	2 1/4	3	5	6 1/4	9 23/32	10 7/8	7 7/8
WPS600-5-AA	WPS600-5-CH-AA	6	A	5 1/2	2 1/4	5	-	6 1/4	9 23/32	10 7/8	7 7/8
WPS600-5/7-AA	WPS600-5/7-CH-AA	6	B	5 1/2	2 1/4	5	7	8 1/2	9 23/32	13 1/8	7 7/8
WPS600-7-AA	WPS600-7-CH-AA	6	A	5 1/2	2 1/4	7	-	8 1/2	9 23/32	13 1/8	7 7/8

TYPE SWPS-AA

Swage Horizontal Bus Support

Material

Aluminum Alloy

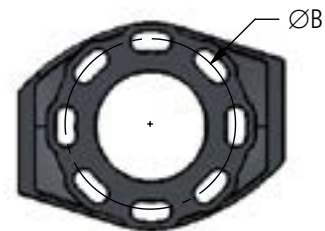
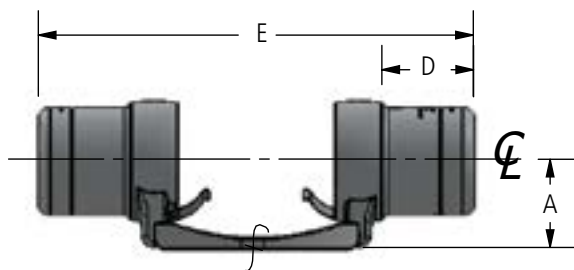
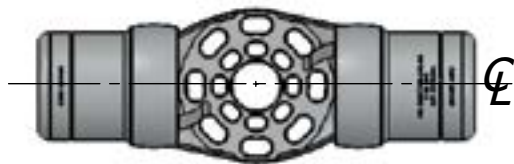
Mounting Hardware

Galvanized steel bolts and lockwashers

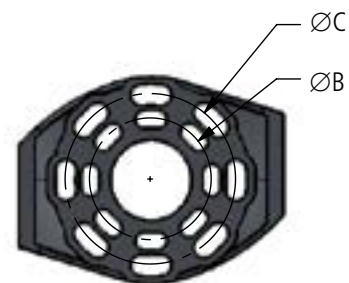
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" S.P.S. parts require double swages

f—Machine Finish



BOLT CIRCLE A



BOLT CIRCLE B

continued
→

TYPE SWPS-AA

Swage Horizontal Bus Support

Ordering Information

AFL NO.	S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)					DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E		
SWPS200-3-CH-AA	2	A	2.75	3.00	-	3.75	15.63	65TD200	230
SWPS200-3/5-CH-AA	2	B	2.75	3.00	5.00	3.75	16.88	65TD200	230
SWPS200-5-CH-AA	2	A	2.75	5.00	-	3.75	16.88	65TD200	230
SWPS200-5/7-CH-AA	2	B	2.75	5.00	7.00	3.75	19.38	65TD200	230
SWPS200-7-CH-AA	2	A	2.75	7.00	-	3.75	19.38	65TD200	230
SWPS250-3-CH-AA	2.5	A	3.16	3.00	-	4.00	16.13	65TD250	230
SWPS250-3/5-CH-AA	2.5	B	3.16	3.00	5.00	4.00	17.38	65TD250	230
SWPS250-5-CH-AA	2.5	A	3.16	5.00	-	4.00	17.38	65TD250	230
SWPS250-5/7-CH-AA	2.5	B	3.16	5.00	7.00	4.00	19.88	65TD250	230
SWPS250-7-CH-AA	2.5	A	3.16	7.00	-	4.00	19.88	65TD250	230
SWPS300-3-CH-AA	3	A	3.63	3.00	-	3.75	16.63	65TD300	500
SWPS300-3/5-CH-AA	3	B	3.63	3.00	5.00	3.75	17.88	65TD300	500
SWPS300-5-CH-AA	3	A	3.63	5.00	-	3.75	17.88	65TD300	500
SWPS300-5/7-CH-AA	3	B	3.63	5.00	7.00	3.75	20.38	65TD300	500
SWPS300-7-CH-AA	3	A	3.63	7.00	-	3.75	20.38	65TD300	500
SWPS350-3-CH-AA	3.5	A	4.00	3.00	-	4.00	17.13	65TD350	500
SWPS350-3/5-CH-AA	3.5	B	4.00	3.00	5.00	4.00	18.38	65TD350	500
SWPS350-5-CH-AA	3.5	A	4.00	5.00	-	4.00	18.38	65TD350	500
SWPS350-5/7-CH-AA	3.5	B	4.00	5.00	7.00	4.00	20.88	65TD350	500
SWPS350-7-CH-AA	3.5	A	4.00	7.00	-	4.00	20.88	65TD350	500
SWPS400-3-CH-AA	4	A	4.50	3.00	-	4.50	18.13	65TD400	500
SWPS400-3/5-CH-AA	4	B	4.50	3.00	5.00	4.50	19.38	65TD400	500
SWPS400-5-CH-AA	4	A	4.50	5.00	-	4.50	19.38	65TD400	500
SWPS400-5/7-CH-AA	4	B	4.50	5.00	7.00	4.50	21.88	65TD400	500
SWPS400-7-CH-AA	4	A	4.50	7.00	-	4.50	21.88	65TD400	500
SWPS500-3/5-CH-AA	5	B	5.00	3.00	5.00	5.38	21.14	85TD500	500
SWPS500-5-CH-AA	5	A	5.00	5.00	-	5.38	21.14	85TD500	500
SWPS500-5/7-CH-AA	5	B	5.00	5.00	7.00	5.38	23.64	85TD500	500
SWPS500-7-CH-AA	5	A	5.00	7.00	-	5.38	23.64	85TD500	500
SWPS600-3/5-CH-AA	6	B	5.50	3.00	5.00	6.62	23.62	115TD600	500
SWPS600-5-CH-AA	6	A	5.50	5.00	-	6.62	23.62	115TD600	500
SWPS600-5/7-CH-AA	6	B	5.50	5.00	7.00	6.62	26.12	115TD600	500
SWPS600-7-CH-AA	6	A	5.50	7.00	-	6.62	26.12	115TD600	500

TYPE SWPSS-AA

Swage Horizontal Bus Support

A Swage type horizontal bus support.

Material

Aluminum Alloy

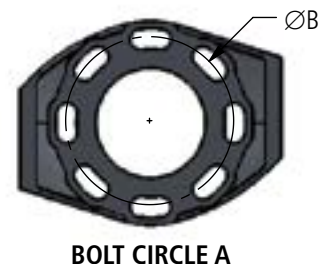
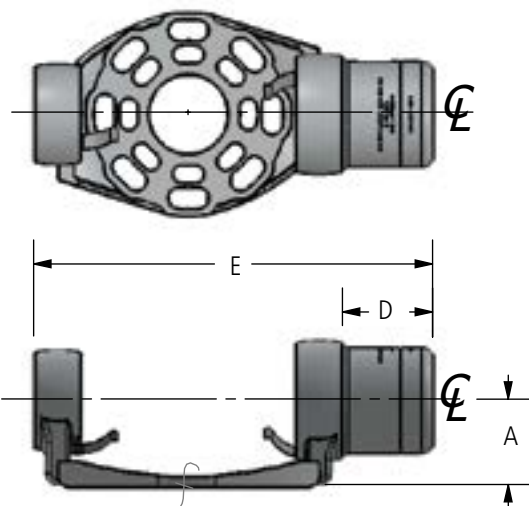
Mounting Hardware

Galvanized steel bolts and lockwashers

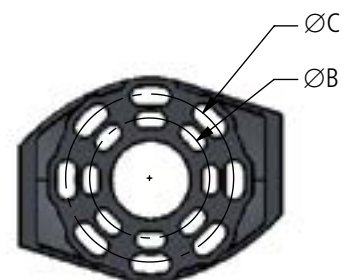
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



BOLT CIRCLE A



BOLT CIRCLE B

continued
→

TYPE SWPSS-AA

Swage Horizontal Bus Support

Ordering Information

AFL NO.	S.P.S.	BOLT CIRCLE	DIMENSIONS (inches)					DIE SIZE	VOLTAGE RATING (kV)
			A	B	C	D	E		
SWPSS200-3-CH-AA	2	A	2.75	3.00	—	3.75	11.88	65TD200	230
SWPSS200-3/5-CH-AA	2	B	2.75	3.00	5.00	3.75	13.13	65TD200	230
SWPSS200-5-CH-AA	2	A	2.75	5.00	—	3.75	13.13	65TD200	230
SWPSS200-5/7-CH-AA	2	B	2.75	5.00	7.00	3.75	15.63	65TD200	230
SWPSS200-7-CH-AA	2	A	2.75	7.00	—	3.75	15.63	65TD200	230
SWPSS250-3-CH-AA	2.5	A	3.13	3.00	—	4.00	12.13	65TD250	230
SWPSS250-3/5-CH-AA	2.5	B	3.13	3.00	5.00	4.00	13.38	65TD250	230
SWPSS250-5-CH-AA	2.5	A	3.13	5.00	—	4.00	13.38	65TD250	230
SWPSS250-5/7-CH-AA	2.5	B	3.13	5.00	7.00	4.00	15.88	65TD250	230
SWPSS250-7-CH-AA	2.5	A	3.13	7.00	—	4.00	15.88	65TD250	230
SWPSS300-3-CH-AA	3	A	3.63	3.00	—	3.75	12.88	65TD300	500
SWPSS300-3/5-CH-AA	3	B	3.63	3.00	5.00	3.75	14.13	65TD300	500
SWPSS300-5-CH-AA	3	A	3.63	5.00	—	3.75	14.13	65TD300	500
SWPSS300-5/7-CH-AA	3	B	3.63	5.00	7.00	3.75	16.63	65TD300	500
SWPSS300-7-CH-AA	3	A	3.63	7.00	—	3.75	16.63	65TD300	500
SWPSS350-3-CH-AA	3.5	A	4.00	3.00	—	4.00	13.13	65TD350	500
SWPSS350-3/5-CH-AA	3.5	B	4.00	3.00	5.00	4.00	14.38	65TD350	500
SWPSS350-5-CH-AA	3.5	A	4.00	5.00	—	4.00	14.38	65TD350	500
SWPSS350-5/7-CH-AA	3.5	B	4.00	5.00	7.00	4.00	16.88	65TD350	500
SWPSS350-7-CH-AA	3.5	A	4.00	7.00	—	4.00	16.88	65TD350	500
SWPSS400-3-CH-AA	4	A	4.50	3.00	—	4.50	13.63	65TD400	500
SWPSS400-3/5-CH-AA	4	B	4.50	3.00	5.00	4.50	14.88	65TD400	500
SWPSS400-5-CH-AA	4	A	4.50	5.00	—	4.50	14.88	65TD400	500
SWPSS400-5/7-CH-AA	4	B	4.50	5.00	7.00	4.50	17.38	65TD400	500
SWPSS400-7-CH-AA	4	A	4.50	7.00	—	4.50	17.38	65TD400	500
SWPSS500-3/5-CH-AA	5	B	5.00	3.00	5.00	5.38	15.76	85TD500	500
SWPSS500-5-CH-AA	5	A	5.00	5.00	—	5.38	15.76	85TD500	500
SWPSS500-5/7-CH-AA	5	B	5.00	5.00	7.00	5.38	18.26	85TD500	500
SWPSS500-7-CH-AA	5	A	5.00	7.00	—	5.38	18.26	85TD500	500
SWPSS600-3/5-CH-AA	6	B	5.50	3.00	5.00	6.63	17.00	115TD600	500
SWPSS600-5-CH-AA	6	A	5.50	5.00	—	6.63	17.00	115TD600	500
SWPSS600-5/7-CH-AA	6	B	5.50	5.00	7.00	6.63	19.50	115TD600	500
SWPSS600-7-CH-AA	6	A	5.50	7.00	—	6.63	19.50	115TD600	500

TYPE SWPSV-AA

Swage Vertical Bus Support

A Swage type vertical bus support.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- 5" and 6" SPS parts require double swages.

f—Machine Finish

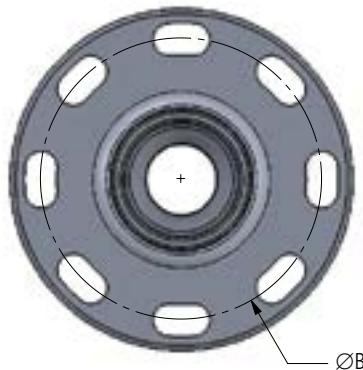


FIG. 1

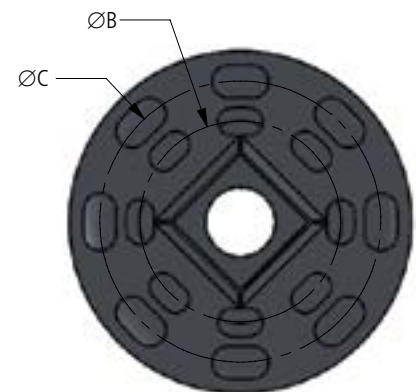


FIG. 2

Ordering Information

AFL NO.	S.P.S.	FIG. NO.	DIMENSIONS (inches)			DIE SIZE	VOLTAGE RATING (kV)
			A	B	C		
SWPSV100-3-AA	1	1	6.30	3.00	-	65TD100	230
SWPSV100-3/5-AA	1	2	6.36	3.00	5.00	65TD100	230
SWPSV100-5-AA	1	1	6.30	5.00	-	65TD100	230
SWPSV150-3-AA	1.5	1	6.30	3.00	-	65TD150	230
SWPSV150-3/5-AA	1.5	2	6.36	3.00	5.00	65TD150	230
SWPSV150-5-AA	1.5	1	6.30	5.00	-	65TD150	230
SWPSV200-3-AA	2	1	6.30	3.00	-	65TD200	230
SWPSV200-3/5-AA	2	2	6.36	3.00	5.00	65TD200	230
SWPSV200-5-AA	2	1	6.30	5.00	-	65TD200	230
SWPSV250-3-AA	2.5	1	6.29	3.00	-	65TD250	230
SWPSV250-3/5-AA	2.5	2	6.36	3.00	5.00	65TD250	230
SWPSV250-5-AA	2.5	1	6.29	5.00	-	65TD250	230
SWPSV300-3-AA	3	1	6.70	3.00	-	65TD300	345
SWPSV300-3/5-AA	3	2	6.76	3.00	5.00	65TD300	345
SWPSV300-5-AA	3	1	6.76	5.00	-	65TD300	345
SWPSV300-5/7-AA	3	2	6.76	5.00	7.00	65TD300	345
SWPSV300-7-AA	3	1	6.76	7.00	-	65TD300	345

continued
→

TYPE SWPSV-AA

Swage Vertical Bus Support

Ordering Information

AFL NO.	S.P.S.	FIG. NO.	DIMENSIONS (inches)			DIE SIZE	VOLTAGE RATING (kV)
			A	B	C		
SWPSV350-3-AA	3.5	1	6.95	3.00	-	65TD350	345
SWPSV350-3/5-AA	3.5	2	7.01	3.00	5.00	65TD350	345
SWPSV350-5-AA	3.5	1	7.01	5.00	-	65TD350	345
SWPSV350-5/7-AA	3.5	2	7.01	5.00	7.00	65TD350	345
SWPSV350-7-AA	3.5	1	7.01	7.00	-	65TD350	345
SWPSV400-3-AA	4	1	6.95	3.00	-	65TD400	345
SWPSV400-3/5-AA	4	2	7.01	3.00	5.00	65TD400	345
SWPSV400-5-AA	4	1	7.01	5.00	-	65TD400	345
SWPSV400-5/7-AA	4	2	7.01	5.00	7.00	65TD400	345
SWPSV400-7-AA	4	1	7.01	7.00	-	65TD400	345
SWPSV500-3/5-AA	5	2	9.26	3.00	5.00	85TD500	345
SWPSV500-5-AA	5	1	9.26	5.00	-	85TD500	345
SWPSV500-5/7-AA	5	2	9.26	5.00	7.00	85TD500	345
SWPSV500-7-AA	5	1	9.26	7.00	-	85TD500	345
SWPSV600-5-AA	6	1	12.14	5.00	-	115TD600	345
SWPSV600-5/7-AA	6	2	12.14	5.00	7.00	115TD600	345
SWPSV600-7-AA	6	1	12.14	7.00	-	115TD600	345

TYPE SXWWC-AA

Swage Bus Expansion Coupler

A Swage type bus expansion coupler.

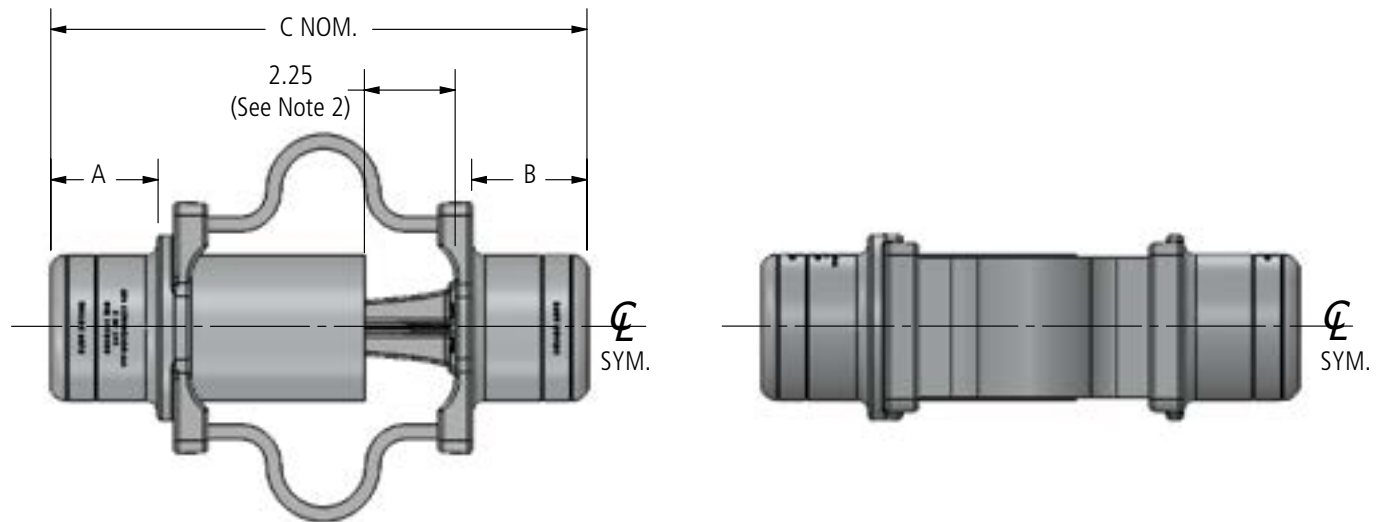
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



Ordering Information

AFL NO.	S.P.S.	DIMENSIONS (inches)			DIE SIZE
		A	B	C	
SXWWC200-AA	2	3.25	3.50	16.69	65TD200
SXWWC250-AA	2.5	3.25	3.50	16.69	65TD250
SXWWC300-AA	3	3.25	3.50	16.75	65TD300
SXWWC350-AA	3.5	3.25	3.50	16.75	65TD350
SXWWC400-AA	4	3.25	3.50	16.88	65TD400
SXWWC500-AA	5	5.00	5.50	20.94	85TD500
SXWWC600-AA	6	7.25	8.63	26.06	115TD600

TYPE SWXL-AA

Swage Expansion Bus Terminal

A Swage type expansion bus terminal.

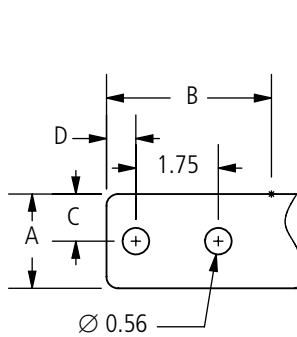
Material

Aluminum Alloy

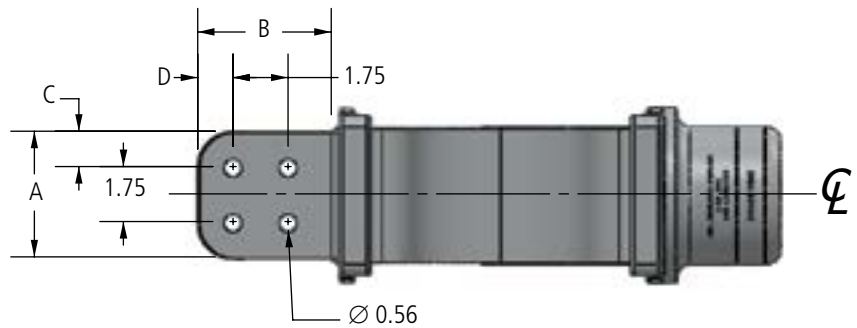
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

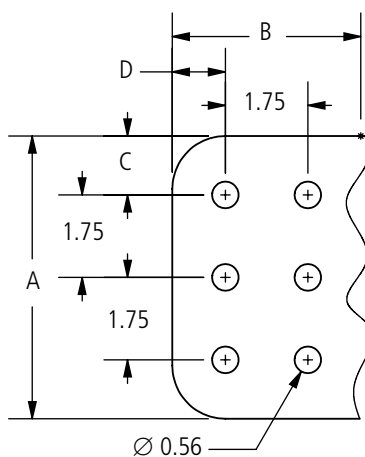
f—Machine Finish



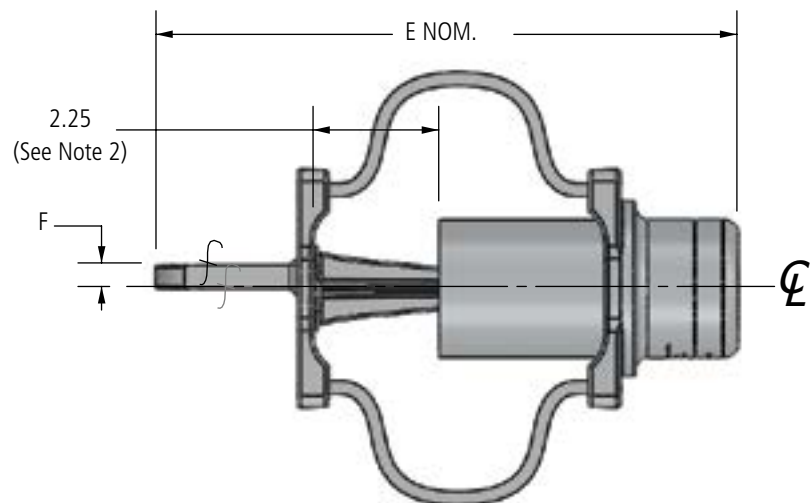
Detail 1



Detail 2



Detail 3



continued
→

TYPE SWXL-AA

Swage Expansion Bus Terminal

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXL100-2N-AA	1	1	2.00	3.25	1.00	0.63	15.69	0.38	65TD100
SWXL100-4N-AA	1	2	3.00	4.25	0.63	0.63	16.69	0.38	65TD100
SWXL100-4N4-AA	1	2	4.00	5.25	1.13	1.13	17.69	0.38	65TD100
SWXL125-2N-AA	1.25	1	2.00	3.25	1.00	0.63	15.69	0.50	65TD150
SWXL125-4N-AA	1.25	2	3.00	4.25	0.63	0.63	16.69	0.50	65TD150
SWXL125-4N4-AA	1.25	2	4.00	5.25	1.13	1.13	17.69	0.50	65TD150
SWXL150-2N-AA	1.5	1	2.00	3.25	1.00	0.63	15.69	0.50	65TD150
SWXL150-4N-AA	1.5	2	3.00	4.25	0.63	0.63	16.69	0.50	65TD150
SWXL150-4N4-AA	1.5	2	4.00	5.25	1.13	1.13	17.69	0.50	65TD150
SWXL200-2N-AA	2	1	2.00	3.25	1.00	0.63	15.69	0.75	65TD200
SWXL200-4N-AA	2	2	3.00	3.25	0.63	0.63	15.69	0.75	65TD200
SWXL200-4N4-AA	2	2	4.00	4.25	1.13	1.13	16.69	0.75	65TD200
SWXL250-2N-AA	2.5	1	2.00	3.25	1.00	0.63	15.69	0.75	65TD250
SWXL250-4N-AA	2.5	2	3.00	3.25	0.63	0.63	15.69	0.75	65TD250
SWXL250-4N4-AA	2.5	2	4.00	4.25	1.13	1.13	16.69	0.75	65TD250
SWXL300-2N-AA	3	1	2.00	3.25	1.00	0.63	15.75	0.75	65TD300
SWXL300-4N-AA	3	2	3.00	3.25	0.63	0.63	15.75	0.75	65TD300
SWXL300-4N4-AA	3	2	4.00	4.25	1.13	1.13	16.75	0.75	65TD300
SWXL350-2N-AA	3.5	1	2.00	3.25	1.00	0.63	15.75	0.75	65TD350
SWXL350-4N-AA	3.5	2	3.00	3.25	0.63	0.63	15.75	0.75	65TD350
SWXL350-4N4-AA	3.5	2	4.00	4.25	1.13	1.13	16.75	0.75	65TD350
SWXL400-4N-AA	4	2	3.00	3.25	0.63	0.63	15.88	1.00	65TD400
SWXL400-4N4-AA	4	2	4.00	4.25	1.13	1.13	16.88	1.00	65TD400
SWXL400-6N4-AA	4	3	6.00	4.25	1.25	1.13	16.88	1.00	65TD400
SWXL500-4N4-AA	5	2	4.00	4.25	1.13	1.13	19.44	1.13	85TD500
SWXL500-6N4-AA	5	3	6.00	4.25	1.25	1.13	19.44	1.13	85TD500
SWXL600-4N4-AA	6	2	4.00	4.25	1.13	1.13	22.00	1.13	115TD600
SWXL600-6N4-AA	6	3	6.00	4.25	1.25	1.13	22.00	1.13	115TD600

TYPE SWXL-V-AA

Swage Expansion Bus Terminal—High Voltage

A Swage type expansion bus terminal for high voltage.

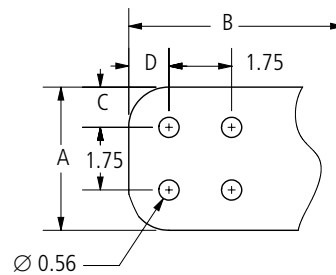
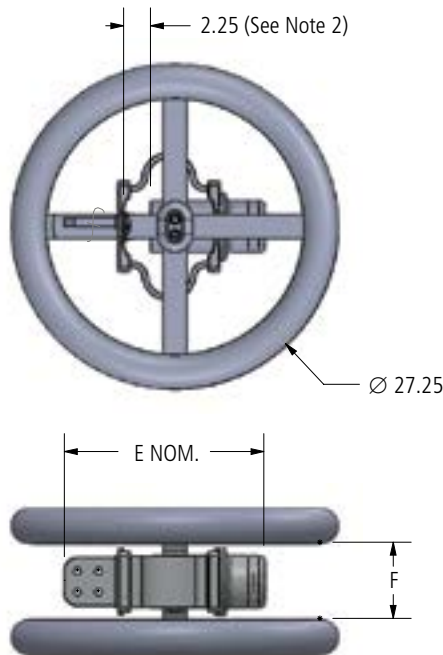
Material

Aluminum Alloy

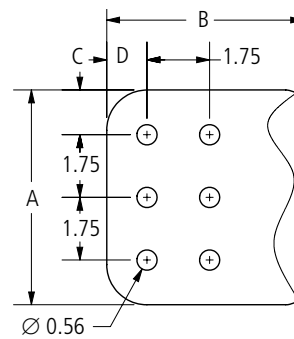
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" S.P.S. parts require double swages

f—Machine Finish



Pad Detail 1



Pad Detail 2

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXL300-4N-V-AA	3	1	3.00	3.25	0.63	0.63	15.75	6.38	65TD300
SWXL300-4N4-V-AA	3	1	4.00	4.25	1.13	1.13	16.75	6.38	65TD300
SWXL350-4N-V-AA	3.5	1	3.00	3.25	0.63	0.63	15.75	6.38	65TD350
SWXL350-4N4-V-AA	3.5	1	4.00	4.25	1.13	1.13	16.75	6.38	65TD350
SWXL400-4N-V-AA	4	1	3.00	3.25	0.63	0.63	15.88	7.38	65TD400
SWXL400-4N4-V-AA	4	1	4.00	4.25	1.13	1.13	16.88	7.38	65TD400
SWXL500-4N4-V-AA	5	1	4.00	4.25	1.13	1.13	19.31	7.88	85TD500
SWXL500-6N4-V-AA	5	2	6.00	4.25	1.25	1.13	19.31	7.88	85TD500
SWXL600-4N4-V-AA	6	1	4.00	4.25	1.13	1.13	21.81	9.38	115TD600
SWXL600-6N4-V-AA	6	2	6.00	4.25	1.25	1.13	21.83	9.38	115TD600

TYPE SWXL-90V-AA

Swage Expansion Bus Terminal

A Swage type expansion bus terminal with 90 degree rotated NEMA pad.

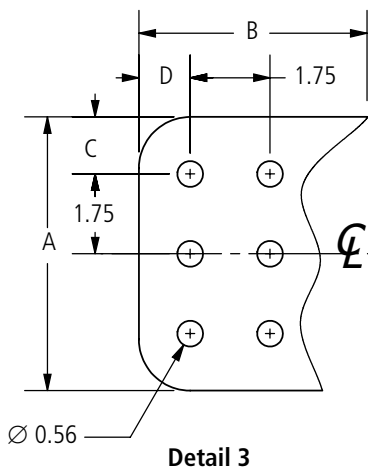
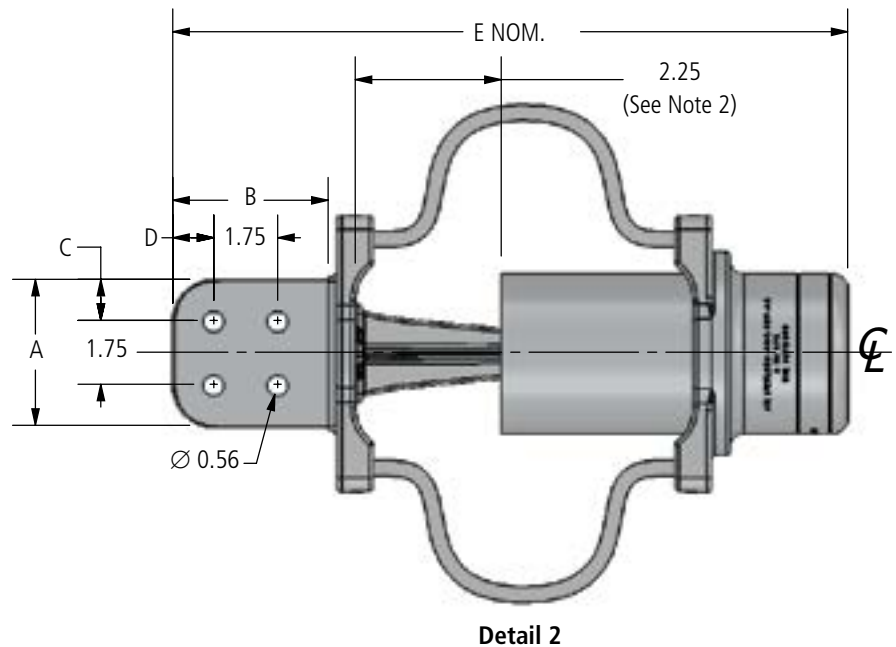
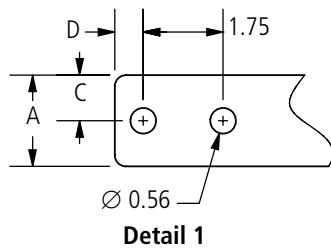
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



continued
→

TYPE SWXL-90V-AA

Swage Expansion Bus Terminal

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXL200-2N-90V-AA	2	1	2.00	3.25	1.00	0.63	15.69	0.75	65TD200
SWXL200-4N-90V-AA	2	2	3.00	3.25	0.63	0.63	15.69	0.75	65TD200
SWXL200-4N4-90V-AA	2	2	4.00	4.25	1.13	1.13	16.69	0.75	65TD200
SWXL250-2N-90V-AA	2.5	1	2.00	3.25	1.00	0.63	15.69	0.75	65TD250
SWXL250-4N-90V-AA	2.5	2	3.00	3.25	0.63	0.63	15.69	0.75	65TD250
SWXL250-4N4-90V-AA	2.5	2	4.00	4.25	1.13	1.13	16.69	0.75	65TD250
SWXL300-2N-90V-AA	3	1	2.00	3.25	1.00	0.63	15.75	0.75	65TD300
SWXL300-4N-90V-AA	3	2	3.00	3.25	0.63	0.63	15.75	0.75	65TD300
SWXL300-4N4-90V-AA	3	2	4.00	4.25	1.13	1.13	16.75	0.75	65TD300
SWXL350-2N-90V-AA	3.5	1	2.00	3.25	1.00	0.63	15.75	0.75	65TD350
SWXL350-4N-90V-AA	3.5	2	3.00	3.25	0.63	0.63	15.75	0.75	65TD350
SWXL350-4N4-90V-AA	3.5	2	4.00	4.25	1.13	1.13	16.75	0.75	65TD350
SWXL400-4N-90V-AA	4	2	3.00	3.25	0.63	0.63	15.88	1.00	65TD400
SWXL400-4N4-90V-AA	4	2	4.00	4.25	1.13	1.13	16.88	1.00	65TD400
SWXL500-4N4-90V-AA	5	2	4.00	4.25	1.13	1.13	19.44	1.13	85TD500
SWXL500-6N4-90V-AA	5	3	6.00	4.25	1.25	1.13	19.44	1.13	85TD500
SWXL600-4N4-90V-AA	6	2	4.00	4.25	1.13	1.13	22.00	1.13	115TD600
SWXL600-6N4-90V-AA	6	3	6.00	4.25	1.25	1.13	22.00	1.13	115TD600

TYPE SWXL-90V-V-AA

Swage Expansion Bus Terminal—High Voltage

A Swage type expansion bus terminal with a 90-degree rotated NEMA pad for high voltage.

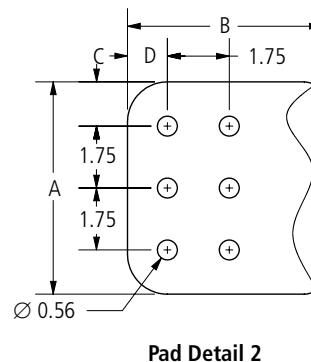
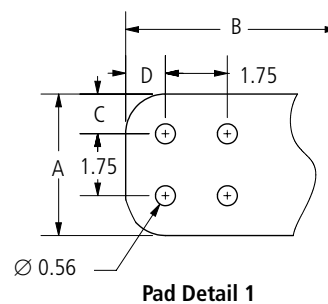
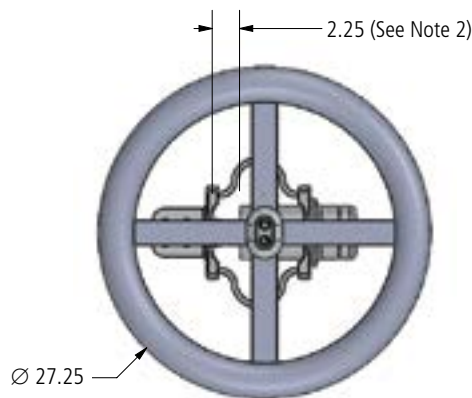
Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" S.P.S. parts require double swages

f—Machine Finish



Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXL300-4N-90V-V-AA	3	1	3.00	3.25	0.63	0.63	15.75	6.38	65TD300
SWXL300-4N4-90V-V-AA	3	1	4.00	4.25	1.13	1.13	16.75	6.38	65TD300
SWXL350-4N-90V-V-AA	3.5	1	3.00	3.25	0.63	0.63	15.75	6.38	65TD350
SWXL350-4N4-90V-V-AA	3.5	1	4.00	4.25	1.13	1.13	16.75	6.38	65TD350
SWXL400-4N-90V-V-AA	4	1	3.00	3.25	0.63	0.63	15.88	7.38	65TD400
SWXL400-4N4-90V-V-AA	4	1	4.00	4.25	1.13	1.13	16.88	7.38	65TD400
SWXL500-4N4-90V-V-AA	5	1	4.00	4.25	1.13	1.13	19.31	7.88	85TD500
SWXL500-6N4-90V-V-AA	5	2	6.00	4.25	1.25	1.13	19.31	7.88	85TD500
SWXL600-4N4-90V-V-AA	6	1	4.00	4.25	1.13	1.13	21.83	9.38	115TD600
SWXL600-6N4-90V-V-AA	6	2	6.00	4.25	1.25	1.13	21.83	9.38	115TD600

TYPE SWXL-90-AA

Swage Expansion Bus Terminal

A Swage type 90 degree expansion bus terminal.

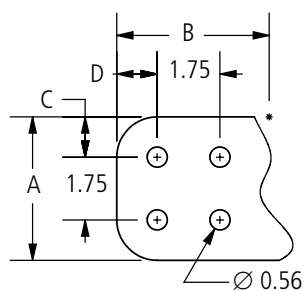
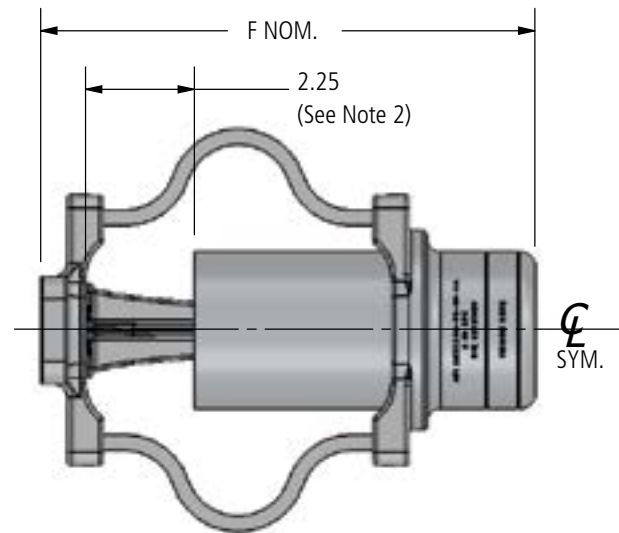
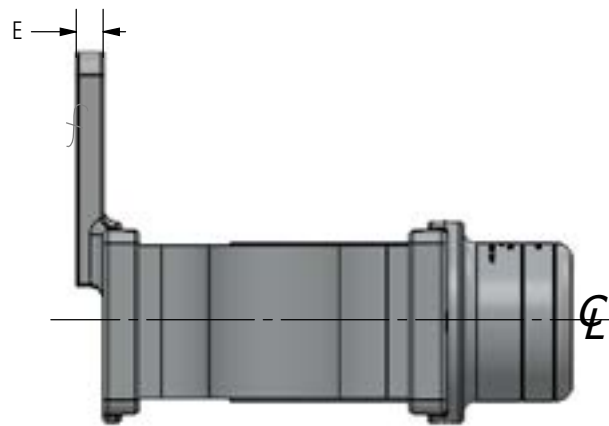
Material

Aluminum Alloy

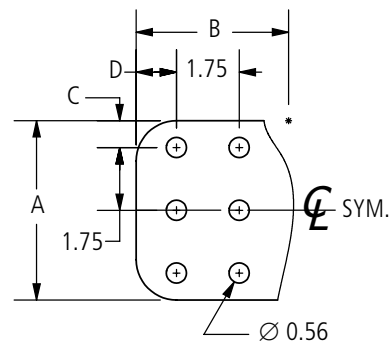
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



Detail 1



Detail 2

continued
→

TYPE SWXL-90-AA

Swage Expansion Bus Terminal

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXL200-4N-90-AA	2	1	3.00	3.50	0.63	0.63	0.50	12.69	65TD200
SWXL200-4N4-90-AA	2	1	4.00	4.50	1.13	1.13	0.50	12.69	65TD200
SWXL250-4N-90-AA	2.5	1	3.00	3.50	0.63	0.63	0.63	12.81	65TD250
SWXL250-4N4-90-AA	2.5	1	4.00	4.50	1.13	1.13	0.63	12.81	65TD250
SWXL300-4N-90-AA	3	1	3.00	3.50	0.63	0.63	0.75	13.00	65TD300
SWXL300-4N4-90-AA	3	1	4.00	4.50	1.13	1.13	0.75	13.00	65TD300
SWXL300-5N4-90-AA	3	2	5.00	4.50	0.75	1.13	0.75	13.00	65TD300
SWXL350-4N-90-AA	3.5	1	3.00	3.50	0.63	0.63	0.75	13.00	65TD350
SWXL350-4N4-90-AA	3.5	1	4.00	4.50	1.13	1.13	0.75	13.00	65TD350
SWXL350-5N4-90-AA	3.5	2	5.00	4.50	0.75	1.13	0.75	13.00	65TD350
SWXL350-6N4-90-AA	3.5	2	6.00	4.50	1.25	1.13	0.75	13.00	65TD350
SWXL400-4N-90-AA	4	1	3.00	3.50	0.63	0.63	0.75	13.13	65TD400
SWXL400-4N4-90-AA	4	1	4.00	4.50	1.13	1.13	0.75	13.13	65TD400
SWXL400-5N4-90-AA	4	2	5.00	4.50	0.75	1.13	0.75	13.13	65TD400
SWXL400-6N4-90-AA	4	2	6.00	4.50	1.25	1.13	0.75	13.13	65TD400
SWXL500-4N4-90-AA	5	1	4.00	4.50	1.13	1.13	1.00	15.94	85TD500
SWXL500-5N4-90-AA	5	2	5.00	4.50	0.75	1.13	1.00	15.94	85TD500
SWXL500-6N4-90-AA	5	2	6.00	4.50	1.25	1.13	1.00	15.94	85TD500
SWXL600-4N4-90-AA	6	1	4.00	4.50	1.13	1.13	1.00	18.19	115TD600
SWXL600-5N4-90-AA	6	2	5.00	4.50	0.75	1.13	1.00	18.19	115TD600
SWXL600-6N4-90-AA	6	2	6.00	4.50	1.25	1.13	1.00	18.19	115TD600

TYPE SWXLO-AA, SWXLO-90V-AA

Swage Offset Expansion Bus Terminal

A Swage type offset expansion bus terminal. This is also available with an offset 90 degree vertical pad configuration.

Material

Aluminum Alloy

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

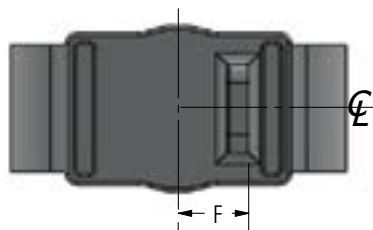
f—Machine Finish



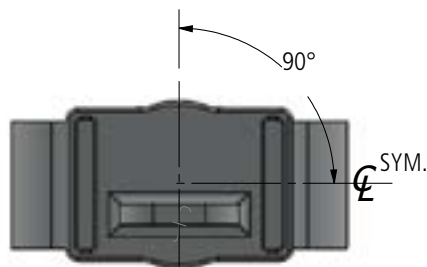
SWXLO-90V-AA



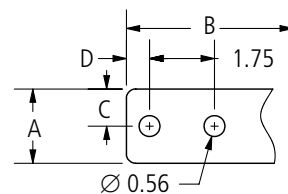
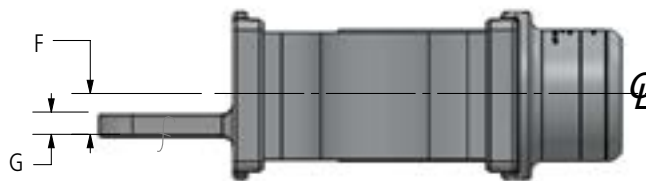
SWXLO-AA



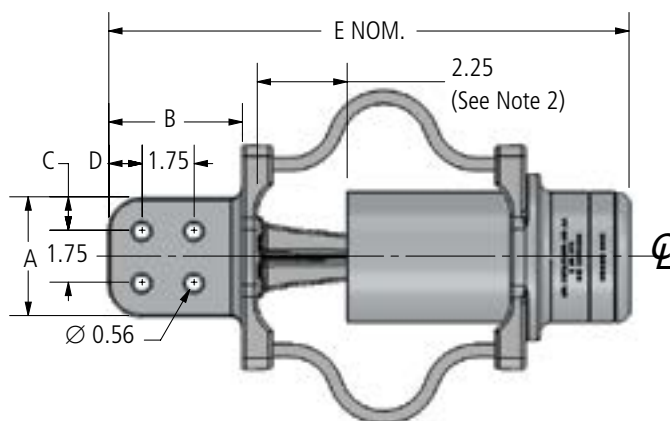
SWXLO-AA



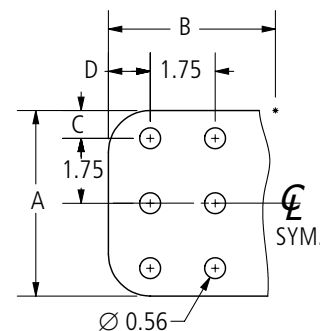
SWXLO-90V-AA



DETAIL 1



DETAIL 2



DETAIL 3

continued
→

TYPE SWXLO-AA, SWXLO-90V-AA

Swage Offset Expansion Bus Terminal

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)							DIE SIZE
			A	B	C	D	E	F	G	
SWXLO200-2N-AA	2	1	2.00	4.50	1.00	0.63	16.69	1.75	0.75	65TD200
SWXLO200-4N-AA	2	2	3.00	4.50	0.63	0.63	16.69	1.75	0.75	65TD200
SWXLO200-4N4-AA	2	2	4.00	5.50	1.13	1.13	17.69	1.75	0.75	65TD200
SWXLO250-2N-AA	2.5	1	2.00	4.50	1.00	0.63	16.69	2.00	0.75	65TD250
SWXLO250-4N-AA	2.5	2	3.00	4.50	0.63	0.63	16.69	2.00	0.75	65TD250
SWXLO250-4N4-AA	2.5	2	4.00	5.50	1.13	1.13	17.69	2.00	0.75	65TD250
SWXLO250-5N4-AA	2.5	3	5.00	5.50	0.75	1.13	17.69	2.00	0.75	65TD250
SWXLO300-2N-AA	3	1	2.00	4.50	1.00	0.63	16.75	2.38	0.75	65TD300
SWXLO300-4N-AA	3	2	3.00	4.50	0.63	0.63	16.75	2.38	0.75	65TD300
SWXLO300-4N4-AA	3	2	4.00	5.50	1.13	1.13	17.75	2.38	0.75	65TD300
SWXLO300-5N4-AA	3	3	5.00	5.50	0.75	1.13	17.75	2.38	0.75	65TD300
SWXLO350-2N-AA	3.5	1	2.00	4.50	1.25	0.63	16.75	2.63	0.75	65TD350
SWXLO350-4N-AA	3.5	2	3.00	4.50	0.63	0.63	16.75	2.63	0.75	65TD350
SWXLO350-4N4-AA	3.5	2	4.00	5.50	1.13	1.13	17.75	2.63	0.75	65TD350
SWXLO350-5N4-AA	3.5	3	5.00	5.50	0.75	1.13	17.75	2.63	0.75	65TD350
SWXLO350-6N4-AA	3.5	3	6.00	5.50	1.25	1.13	17.75	2.63	0.75	65TD350
SWXLO400-4N-AA	4	2	3.00	4.50	0.63	0.63	16.88	2.88	0.75	65TD400
SWXLO400-4N4-AA	4	2	4.00	5.50	1.13	1.13	17.88	2.88	0.75	65TD400
SWXLO400-5N4-AA	4	3	5.00	5.50	0.75	1.13	17.88	2.88	0.75	65TD400
SWXLO400-6N4-AA	4	3	6.00	5.50	1.25	1.13	17.88	2.88	0.75	65TD400
SWXLO500-4N4-AA	5	2	4.00	5.50	1.13	1.13	20.94	3.38	1.00	85TD500
SWXLO500-5N4-AA	5	3	5.00	5.50	0.75	1.13	20.94	3.38	1.00	85TD500
SWXLO500-6N4-AA	5	3	6.00	5.50	1.25	1.13	20.94	3.38	1.00	85TD500
SWXLO600-4N4-AA	6	2	4.00	5.50	1.13	1.13	22.94	4.00	1.00	115TD600
SWXLO600-5N4-AA	6	3	5.00	5.50	0.75	1.13	22.94	4.00	1.00	115TD600
SWXLO600-6N4-AA	6	3	6.00	5.50	1.25	1.13	22.94	4.00	1.00	115TD600
SWXLO200-2N-90V-AA	2	1	2.00	4.50	1.00	0.63	16.69	1.75	0.75	65TD200
SWXLO200-4N-90V-AA	2	2	3.00	4.50	0.63	0.63	16.69	1.75	0.75	65TD200
SWXLO200-4N4-90V-AA	2	2	4.00	5.50	1.13	1.13	17.69	1.75	0.75	65TD200
SWXLO250-2N-90V-AA	2.5	1	2.00	4.50	1.00	0.63	16.69	2.00	0.75	65TD250
SWXLO250-4N-90V-AA	2.5	2	3.00	4.50	0.63	0.63	16.69	2.00	0.75	65TD250
SWXLO250-4N4-90V-AA	2.5	2	4.00	5.50	1.13	1.13	17.69	2.00	0.75	65TD250
SWXLO250-5N4-90V-AA	2.5	3	5.00	5.50	0.75	1.13	17.69	2.00	0.75	65TD250
SWXLO300-2N-90V-AA	3	1	2.00	4.50	1.00	0.63	16.75	2.38	0.75	65TD300
SWXLO300-4N-90V-AA	3	2	3.00	4.50	0.63	0.63	16.75	2.38	0.75	65TD300
SWXLO300-4N4-90V-AA	3	2	4.00	5.50	1.13	1.13	17.75	2.38	0.75	65TD300
SWXLO300-5N4-90V-AA	3	3	5.00	5.50	0.75	1.13	17.75	2.38	0.75	65TD300
SWXLO350-2N-90V-AA	3.5	1	2.00	4.50	1.25	0.63	16.75	2.63	0.75	65TD350
SWXLO350-4N-90V-AA	3.5	2	3.00	4.50	0.63	0.63	16.75	2.63	0.75	65TD350
SWXLO350-4N4-90V-AA	3.5	2	4.00	5.50	1.13	1.13	17.75	2.63	0.75	65TD350
SWXLO350-5N4-90V-AA	3.5	3	5.00	5.50	0.75	1.13	17.75	2.63	0.75	65TD350
SWXLO350-6N4-90V-AA	3.5	3	6.00	5.50	1.25	1.13	17.75	2.63	0.75	65TD350
SWXLO400-4N-90V-AA	4	2	3.00	4.50	0.63	0.63	16.88	2.88	0.75	65TD400
SWXLO400-4N4-90V-AA	4	2	4.00	5.50	1.13	1.13	17.88	2.88	0.75	65TD400
SWXLO400-5N4-90V-AA	4	3	5.00	5.50	0.75	1.13	17.88	2.88	0.75	65TD400
SWXLO400-6N4-90V-AA	4	3	6.00	5.50	1.25	1.13	17.88	2.88	0.75	65TD400
SWXLO500-4N4-90V-AA	5	2	4.00	5.50	1.13	1.13	20.94	3.38	1.00	85TD500
SWXLO500-5N4-90V-AA	5	3	5.00	5.50	0.75	1.13	20.94	3.38	1.00	85TD500
SWXLO500-6N4-90V-AA	5	3	6.00	5.50	1.25	1.13	20.94	3.38	1.00	85TD500
SWXLO600-4N4-90V-AA	6	2	4.00	5.50	1.13	1.13	22.94	4.00	1.00	115TD600
SWXLO600-5N4-90V-AA	6	3	5.00	5.50	0.75	1.13	22.94	4.00	1.00	115TD600
SWXLO600-6N4-90V-AA	6	3	6.00	5.50	1.25	1.13	22.94	4.00	1.00	115TD600

TYPE SWXLS-AA

Swage Expansion Bus Terminal—Short

A Swage type short expansion bus terminal to NEMA pad.
Also available with a 90 degree rotated NEMA pad.

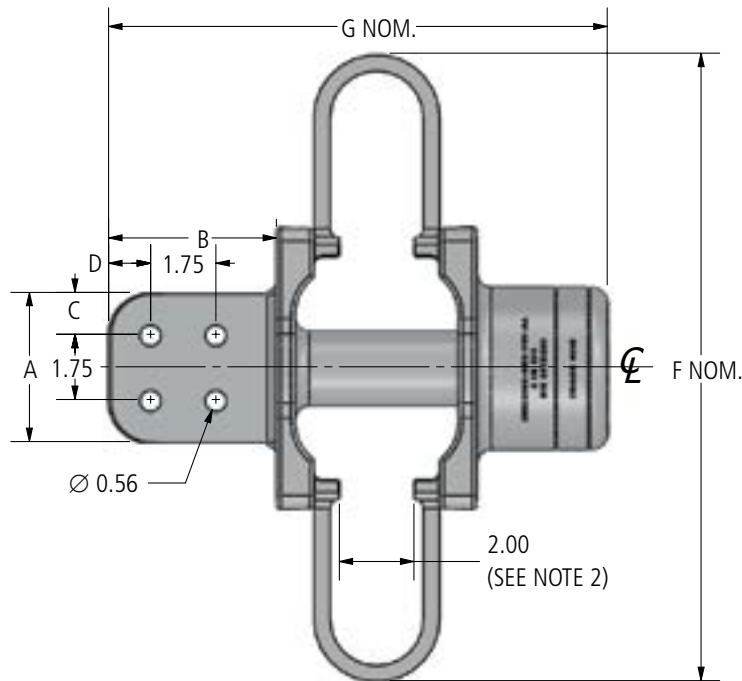
Material

Aluminum Alloy

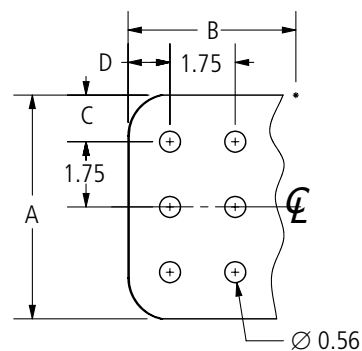
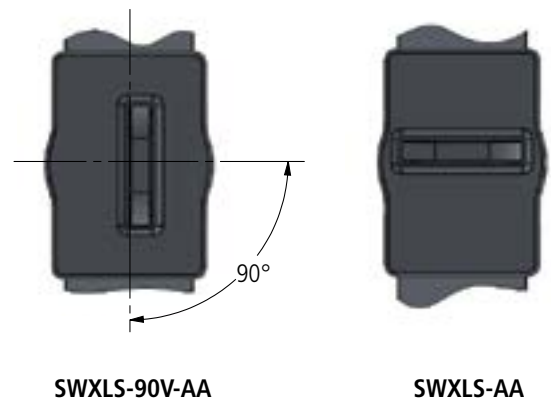
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.

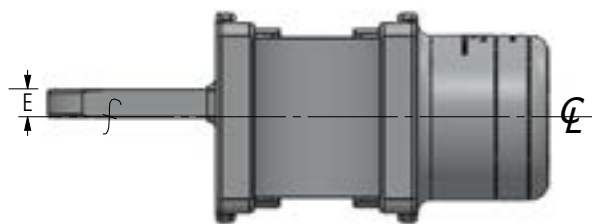
f—Machine Finish



Detail 1



Detail 2



continued
→

TYPE SWXLS-AA

Swage Expansion Bus Terminal—Short

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)							DIE SIZE
			A	B	C	D	E	F	G	
SWXLS200-4N-AA	2	1	3.00	3.50	0.63	0.63	0.75	15.83	12.50	65TD200
SWXLS200-4N4-AA	2	1	4.00	4.50	1.13	1.13	0.75	15.83	13.50	65TD200
SWXLS250-4N-AA	2.5	1	3.00	3.50	0.63	0.63	0.75	16.64	12.75	65TD250
SWXLS250-4N4-AA	2.5	1	4.00	4.50	1.13	1.13	0.75	16.64	13.75	65TD250
SWXLS300-4N-AA	3	1	3.00	3.50	0.63	0.63	0.75	16.83	12.37	65TD300
SWXLS300-4N4-AA	3	1	4.00	4.50	1.13	1.13	0.75	16.83	13.37	65TD300
SWXLS300-5N4-AA	3	2	5.00	4.50	0.75	1.13	0.75	16.83	13.37	65TD300
SWXLS350-4N-AA	3.5	1	3.00	3.50	0.63	0.63	0.75	16.83	12.37	65TD350
SWXLS350-4N4-AA	3.5	1	4.00	4.50	1.13	1.13	0.75	16.83	13.37	65TD350
SWXLS400-4N-AA	4	1	3.00	3.50	0.63	0.63	1.00	17.22	12.59	65TD400
SWXLS400-4N4-AA	4	1	4.00	4.50	1.13	1.13	1.00	17.22	13.59	65TD400
SWXLS400-5N4-AA	4	2	5.00	4.50	0.75	1.13	1.00	17.22	13.59	65TD400
SWXLS400-6N4-AA	4	2	6.00	4.50	1.25	1.13	1.00	17.22	13.59	65TD400
SWXLS200-4N-90V-AA	2	1	3.00	3.50	0.63	0.63	0.75	15.83	12.50	65TD200
SWXLS200-4N4-90V-AA	2	1	4.00	4.50	1.13	1.13	0.75	15.83	13.50	65TD200
SWXLS250-4N-90V-AA	2.5	1	3.00	3.50	0.63	0.63	0.75	16.64	12.75	65TD250
SWXLS250-4N4-90V-AA	2.5	1	4.00	4.50	1.13	1.13	0.75	16.64	13.75	65TD250
SWXLS300-4N-90V-AA	3	1	3.00	3.50	0.63	0.63	0.75	16.83	12.37	65TD300
SWXLS300-4N4-90V-AA	3	1	4.00	4.50	1.13	1.13	0.75	16.83	13.37	65TD300
SWXLS300-5N4-90V-AA	3	2	5.00	4.50	0.75	1.13	0.75	16.83	13.37	65TD300
SWXLS350-4N-90V-AA	3.5	1	3.00	3.50	0.63	0.63	0.75	16.83	12.37	65TD350
SWXLS350-4N4-90V-AA	3.5	1	4.00	4.50	1.13	1.13	0.75	16.83	13.37	65TD350
SWXLS400-4N-90V-AA	4	1	3.00	3.50	0.63	0.63	1.00	17.22	12.59	65TD400
SWXLS400-4N4-90V-AA	4	1	4.00	4.50	1.13	1.13	1.00	17.22	13.59	65TD400
SWXLS400-5N4-90V-AA	4	2	5.00	4.50	0.75	1.13	1.00	17.22	13.59	65TD400
SWXLS400-6N4-90V-AA	4	2	6.00	4.50	1.25	1.13	1.00	17.22	13.59	65TD400

TYPE SWXTS-AA

Swage Vertical Bus Expansion

A Swage type vertical bus expansion with a NEMA pad.

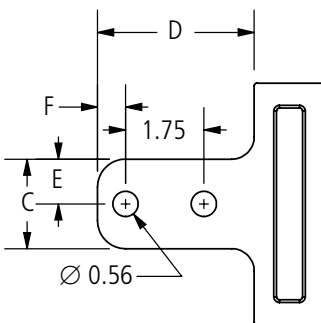
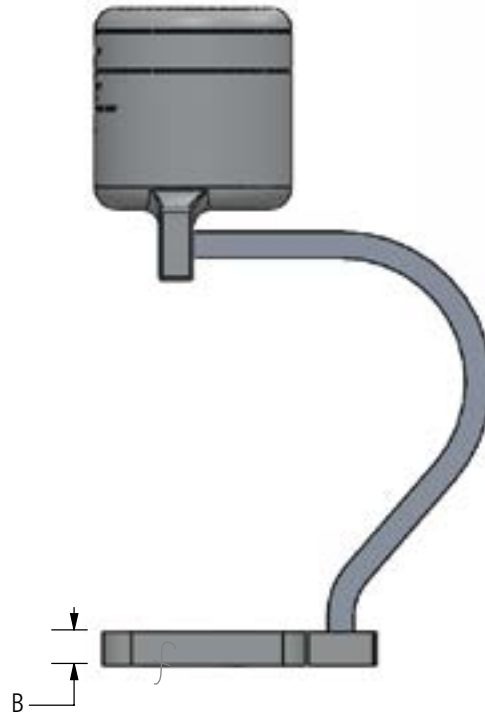
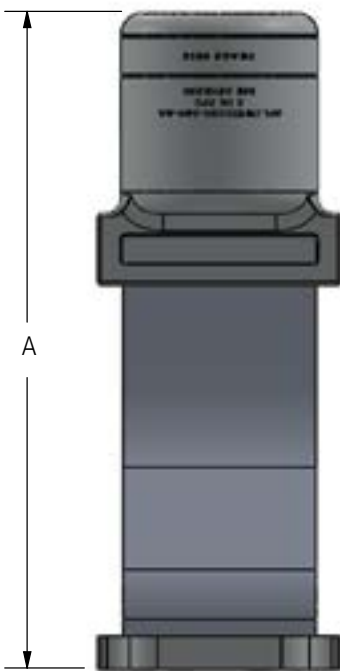
Material

Aluminum Alloy

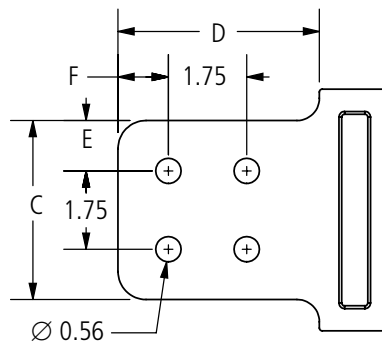
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.

f—Machine Finish



DETAIL 1



DETAIL 2

continued
→

TYPE SWXTS-AA

Swage Vertical Bus Expansion

Ordering Information

AFL NO.	S.P.S.	PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
			A	B	C	D	E	F	
SWXTS100-2N-AA	1	1	13.07	0.38	2.00	3.50	1.00	0.63	65TD100
SWXTS100-4N-AA	1	2	13.07	0.38	3.00	3.50	0.63	0.63	65TD100
SWXTS100-4N4-AA	1	2	13.07	0.38	4.00	4.50	1.13	1.13	65TD100
SWXTS150-2N-AA	1.5	1	13.29	0.50	2.00	3.50	1.00	0.63	65TD150
SWXTS150-4N-AA	1.5	2	13.29	0.50	3.00	3.50	0.63	0.63	65TD150
SWXTS150-4N4-AA	1.5	2	13.29	0.50	4.00	4.50	1.13	1.13	65TD150
SWXTS200-2N-AA	2	1	13.92	0.50	2.00	3.50	1.00	0.63	65TD200
SWXTS200-4N-AA	2	2	13.92	0.50	3.00	3.50	0.63	0.63	65TD200
SWXTS200-4N4-AA	2	2	13.92	0.50	4.00	4.50	1.13	1.13	65TD200
SWXTS250-2N-AA	2.5	1	13.95	0.63	2.00	3.50	1.00	0.63	65TD250
SWXTS250-4N-AA	2.5	2	13.95	0.63	3.00	3.50	0.63	0.63	65TD250
SWXTS250-4N4-AA	2.5	2	13.95	0.63	4.00	4.50	1.13	1.13	65TD250
SWXTS300-2N-AA	3	1	14.67	0.75	2.00	3.50	1.00	0.63	65TD300
SWXTS300-4N-AA	3	2	14.67	0.75	3.00	3.50	0.63	0.63	65TD300
SWXTS300-4N4-AA	3	2	14.67	0.75	4.00	4.50	1.13	1.13	65TD300
SWXTS350-4N-AA	3.5	2	14.76	0.75	3.00	3.50	0.63	0.63	65TD350
SWXTS350-4N4-AA	3.5	2	14.76	0.75	4.00	4.50	1.13	1.13	65TD350
SWXTS400-4N-AA	4	2	14.86	0.75	3.00	3.50	0.63	0.63	65TD400
SWXTS400-4N4-AA	4	2	14.86	0.75	4.00	4.50	1.13	1.13	65TD400

TYPE SWXBC-AA

Swage Bus-to-Bus Expansion Support

A Swage type bus-to-bus expansion support.

Material

Aluminum Alloy

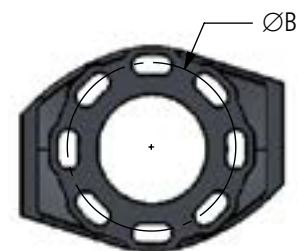
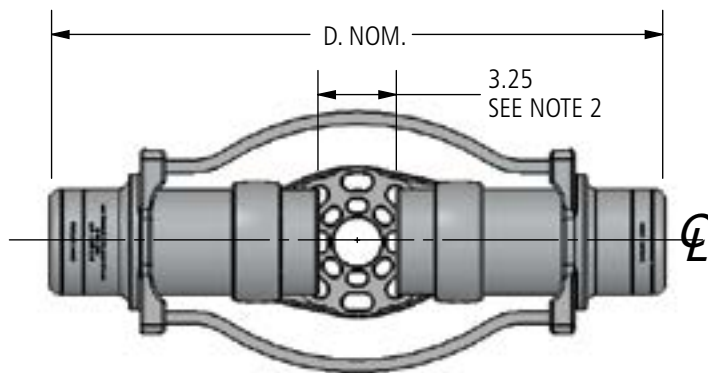
Mounting Hardware

Galvanized steel bolts and lockwashers

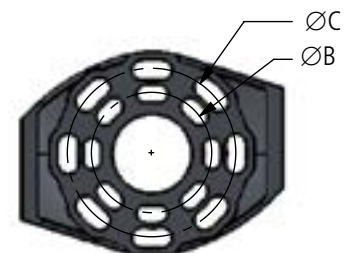
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages.

f—Machine Finish



Detail 1



Detail 2

continued
→

TYPE SWXBC-AA

Swage Bus-to-Bus Expansion Support

Ordering Information

AFL NO.	S.P.S.	DETAIL	DIMENSIONS (inches)				DIE SIZE
			A	B	C	D	
SWXBC200-3-CH-AA	2	1	2.77	3.00	—	22.63	65TD200
SWXBC200-3/5-CH-AA	2	2	2.77	3.00	5.00	22.63	65TD200
SWXBC200-5-CH-AA	2	1	2.77	5.00	—	22.63	65TD200
SWXBC200-5/7-CH-AA	2	2	2.77	5.00	7.00	26.63	65TD200
SWXBC200-7-CH-AA	2	1	2.77	7.00	—	26.63	65TD200
SWXBC250-3-CH-AA	2.5	1	3.17	3.00	—	22.63	65TD250
SWXBC250-3/5-CH-AA	2.5	2	3.17	3.00	5.00	22.63	65TD250
SWXBC250-5-CH-AA	2.5	1	3.17	5.00	—	22.63	65TD250
SWXBC250-5/7-CH-AA	2.5	2	3.17	5.00	7.00	27.63	65TD250
SWXBC250-7-CH-AA	2.5	1	3.17	7.00	—	27.63	65TD250
SWXBC300-3-CH-AA	3	1	3.64	3.00	—	22.63	65TD300
SWXBC300-3/5-CH-AA	3	2	3.64	3.00	5.00	25.63	65TD300
SWXBC300-5-CH-AA	3	1	3.64	5.00	—	25.63	65TD300
SWXBC300-5/7-CH-AA	3	2	3.64	5.00	7.00	27.63	65TD300
SWXBC300-7-CH-AA	3	1	3.64	7.00	—	27.63	65TD300
SWXBC350-3-CH-AA	3.5	1	4.02	3.00	—	22.63	65TD350
SWXBC350-3/5-CH-AA	3.5	2	4.02	3.00	5.00	25.63	65TD350
SWXBC350-5-CH-AA	3.5	1	4.02	5.00	—	25.63	65TD350
SWXBC350-5/7-CH-AA	3.5	2	4.02	5.00	7.00	27.63	65TD350
SWXBC350-7-CH-AA	3.5	1	4.02	7.00	—	27.63	65TD350
SWXBC400-3-CH-AA	4	1	4.52	3.00	—	22.63	65TD400
SWXBC400-3/5-CH-AA	4	2	4.52	3.00	5.00	25.63	65TD400
SWXBC400-5-CH-AA	4	1	4.52	5.00	—	25.63	65TD400
SWXBC400-5/7-CH-AA	4	2	4.52	5.00	7.00	27.63	65TD400
SWXBC400-7-CH-AA	4	1	4.52	7.00	—	27.63	65TD400
SWXBC500-3/5-CH-AA	5	2	5	3.00	5.00	27.63	85TD500
SWXBC500-5-CH-AA	5	1	5	5.00	—	27.63	85TD500
SWXBC500-5/7-CH-AA	5	2	5	5.00	7.00	29.63	85TD500
SWXBC500-7-CH-AA	5	1	5	7.00	—	29.63	85TD500
SWXBC600-3/5-CH-AA	6	2	5.5	3.00	5.00	31.63	115TD600
SWXBC600-5-CH-AA	6	1	5.5	5.00	—	31.63	115TD600
SWXBC600-5/7-CH-AA	6	2	5.5	5.00	7.00	33.63	115TD600
SWXBC600-7-CH-AA	6	1	5.5	7.00	—	33.63	115TD600

TYPE SWXBC-V-AA Swage High Voltage Bus-to-Bus Expansion Support

A Swage EHV type bus-to-bus expansion support.

Material

Aluminum Alloy

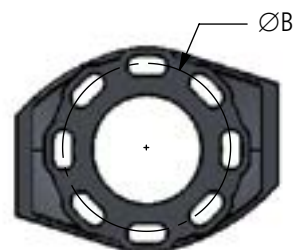
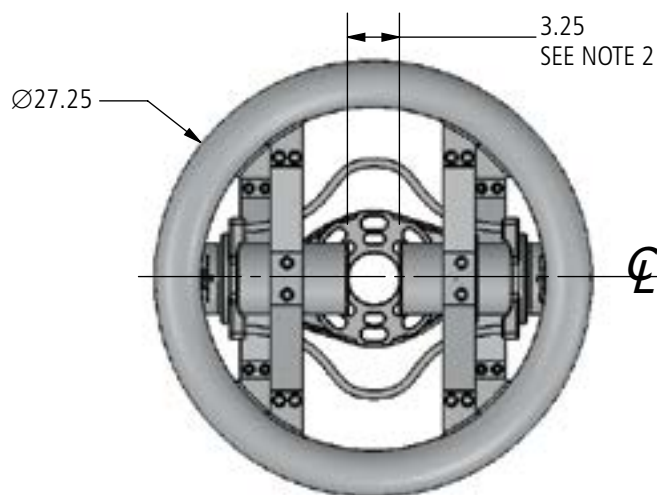
Mounting Hardware

Galvanized steel bolts and lockwashers

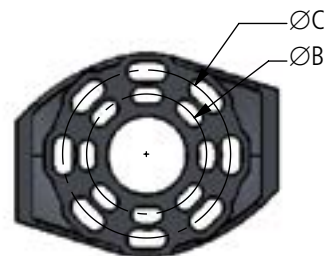
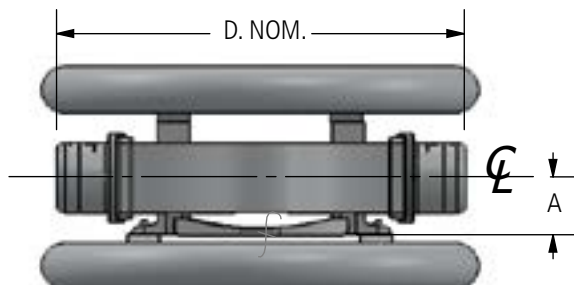
Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.
- See General Information Section for this dimension.
- 5" and 6" SPS parts require double swages on both ends.

f—Machine Finish



Detail 1



Detail 2

continued
→

TYPE SWXBC-V-AA Swage High Voltage Bus-to-Bus Expansion Support

Ordering Information

AFL NO.	S.P.S.	DETAIL	DIMENSIONS (inches)				DIE SIZE
			A	B	C	D	
SWXBC300-3/5-CH-V-AA	3	2	3.64	3.00	5.00	28.63	65TD300
SWXBC300-5-CH-V-AA	3	1	3.64	5.00	-	28.63	65TD300
SWXBC300-5/7-CH-V-AA	3	2	3.64	5.00	7.00	33.13	65TD300
SWXBC300-7-CH-V-AA	3	1	3.64	7.00	-	33.13	65TD300
SWXBC350-3/5-CH-V-AA	3.5	2	4.02	3.00	5.00	28.63	65TD350
SWXBC350-5-CH-V-AA	3.5	1	4.02	5.00	-	28.63	65TD350
SWXBC350-5/7-CH-V-AA	3.5	2	4.02	5.00	7.00	33.13	65TD350
SWXBC350-7-CH-V-AA	3.5	1	4.02	7.00	-	33.13	65TD350
SWXBC400-3/5-CH-V-AA	4	2	4.52	3.00	5.00	28.63	65TD400
SWXBC400-5-CH-V-AA	4	1	4.52	5.00	-	28.63	65TD400
SWXBC400-5/7-CH-V-AA	4	2	4.52	5.00	7.00	33.13	65TD400
SWXBC400-7-CH-V-AA	4	1	4.52	7.00	-	33.13	65TD400
SWXBC500-3/5-CH-V-AA	5	2	5.00	3.00	5.00	27.50	85TD500
SWXBC500-5-CH-V-AA	5	1	5.00	5.00	-	27.50	85TD500
SWXBC500-5/7-CH-V-AA	5	2	5.00	5.00	7.00	29.50	85TD500
SWXBC500-7-CH-V-AA	5	1	5.00	7.00	-	29.50	85TD500
SWXBC600-3/5-CH-V-AA	6	2	5.50	3.00	5.00	31.50	115TD600
SWXBC600-5-CH-V-AA	6	1	5.50	5.00	-	31.50	115TD600
SWXBC600-5/7-CH-V-AA	6	2	5.50	5.00	7.00	33.50	115TD600
SWXBC600-7-CH-V-AA	6	1	5.50	7.00	-	33.50	115TD600

TYPE SWCC-AA

Swage Cable Coupler

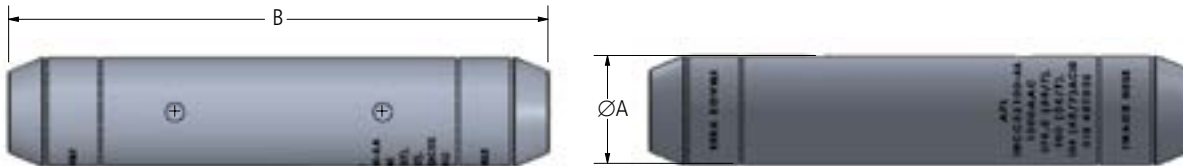
A swage type cable coupler designed to connect two aluminum cables.

Material

Aluminum Alloy

Note

- Prefilled with AFL Filler Compound (AFC) and capped.



Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)		DIE SIZE	VOLTAGE RATING (KV)
	AAC	ACSR	A	B		
SWCC1613-AA	2/0	1/0 (6/1)	1.00	9.00	45TD16	345
SWCC1617-AA	3/0	2/0 (6/1)	1.00	9.00	45TD16	345
SWCC1621-AA	4/0	3/0 (6/1)	1.00	9.00	45TD16	345
SWCC1625-AA	250	4/0 (6/1)	1.00	9.00	45TD16	345
SWCC2026-AA	266.8	266.8 (18/1)	1.25	9.00	45TD20	345
SWCC2030-AA	300	266.8 (26/7)	1.25	9.00	45TD20	345
SWCC2035-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1.25	9.00	45TD20	345
SWCC2039-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1.25	9.00	45TD20	345
SWCC2445-AA	450	397.5 (24/7), 397.5 (26/7)	1.50	9.13	45TD24	345
SWCC2447-AA	477	397.5 (30/7)	1.50	9.13	45TD24	345
SWCC2450-AA	500	477 (18/1)	1.50	9.13	45TD24	345
SWCC2455-AA	556.5	477 (24/7), 477 (26/7)	1.50	9.13	45TD24	345
SWCC2860-AA	600	477 (30/7), 556.5 (18/1)	1.75	10.00	45TD28	345
SWCC2863-AA	636	556.5 (24/7), 556.5 (26/7)	1.75	10.00	45TD28	345
SWCC2871-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1.75	10.00	45TD28	345
SWCC3075-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1.88	10.00	45TD30	345
SWCC3079-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1.88	10.00	45TD30	345
SWCC3087-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1.88	10.00	45TD30	345
SWCC3290-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	2.00	10.00	45TD32	345
SWCC3295-AA	954	795 (30/19), 900 (45/7)	2.00	10.00	45TD32	345
SWCC32100-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	2.00	10.00	45TD32	345
SWCC32103-AA	1033.5	954 (54/7)	2.00	10.00	45TD32	345
SWCC32111-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2.00	10.00	45TD32	345
SWCC36119-AA	1192.5	1113 (45/7)	2.25	10.50	45TD36	500
SWCC36127-AA	1272	1113 (54/19), 1192.5 (45/7)	2.25	10.50	45TD36	500
SWCC36135-AA	1351.5	1192.5 (54/19), 1272 (45/7)	2.25	10.50	45TD36	500
SWCC36143-AA	1431	1272 (54/19), 1351.5 (45/7)	2.25	10.50	45TD36	500
SWCC36151-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2.25	10.50	45TD36	500
SWCC36159-AA	1590	1431 (54/19), 1510.5 (45/7)	2.25	10.50	45TD36	500
SWCC36175-AA	1750	1510.5 (54/19), 1590 (45/7)	2.25	10.50	45TD36	500
SWCC36180-AA	1800	1590 (54/19)	2.25	10.50	45TD36	500
SWCC44200-AA	2000	1780 (84/19)	2.75	11.50	65TD44	500
SWCC44230-AA	2250	2156 (84/19), 2167 (72/7)	2.75	11.50	65TD44	500
SWCC44250-AA	2500	2312 (76/19)	2.75	11.50	65TD44	500

TYPE SWCFT-AA

Swage Cable Tee

A Swage type cable tee to a NEMA pad.

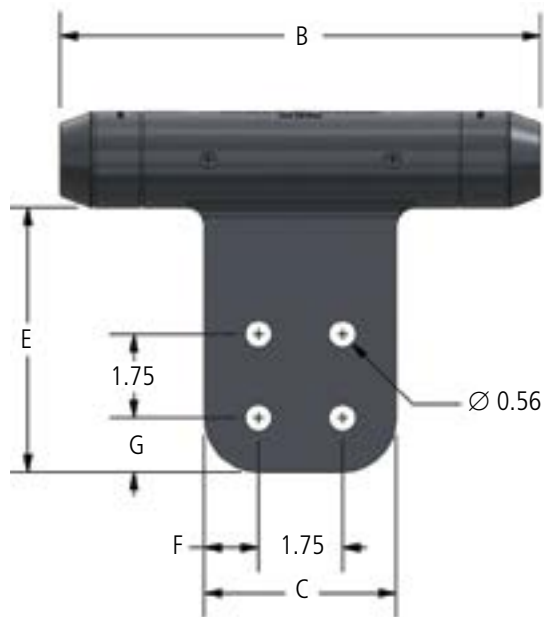
Material

Aluminum Alloy

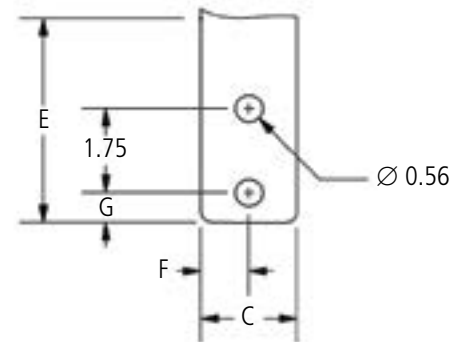
Notes

- Pre-filled with AFL Filler compound (AFC) and capped.
- For Electro Tin Plate, add "-SN" to catalog number.
EX: SWCFT1613-2N-AA-SN

f—Machine Finish



Pad Detail 1



Pad Detail 2

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSION (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCFT1613-2N-AA	2/0	1/0 (6/1)	2	1.00	9.00	2.00	0.38	4.00	1.00	0.63	45TD16	230
SWCFT1613-4N-AA			1	1.00	9.00	3.00	0.38	4.00	0.63	0.63	45TD16	345
SWCFT1613-4N4-AA			1	1.00	9.00	4.00	0.38	5.00	1.13	1.13	45TD16	345
SWCFT1617-2N-AA	3/0	2/0 (6/1)	2	1.00	9.00	2.00	0.38	4.00	1.00	0.63	45TD16	230
SWCFT1617-4N-AA			1	1.00	9.00	3.00	0.38	4.00	0.63	0.63	45TD16	345
SWCFT1617-4N4-AA			1	1.00	9.00	4.00	0.38	5.00	1.13	1.13	45TD16	345
SWCFT1621-2N-AA	4/0	3/0 (6/1)	2	1.00	9.00	2.00	0.38	4.00	1.00	0.63	45TD16	230
SWCFT1621-4N-AA			1	1.00	9.00	3.00	0.38	4.00	0.63	0.63	45TD16	345
SWCFT1621-4N4-AA			1	1.00	9.00	4.00	0.38	5.00	1.13	1.13	45TD16	345

continued
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TYPE SWCFT-AA

Swage Cable Tee

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSION (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCFT1625-2N-AA	250	4/0 (6/1)	2	1.00	9.00	2.00	0.38	4.00	1.00	0.63	45TD16	230
SWCFT1625-4N-AA			1	1.00	9.00	3.00	0.38	4.00	0.63	0.63	45TD16	345
SWCFT1625-4N4-AA			1	1.00	9.00	4.00	0.38	5.00	1.13	1.13	45TD16	345
SWCFT2026-2N-AA	266.8	266.8 (18/1)	2	1.25	9.00	2.00	0.63	4.00	1.00	0.63	45TD20	230
SWCFT2026-4N-AA			1	1.25	9.00	3.00	0.63	4.00	0.63	0.63	45TD20	345
SWCFT2026-4N4-AA			1	1.25	9.00	4.00	0.63	5.00	1.13	1.13	45TD20	345
SWCFT2030-2N-AA	300.0	266.8 (26/7)	2	1.25	9.00	2.00	0.63	4.00	1.00	0.63	45TD20	230
SWCFT2030-4N-AA			1	1.25	9.00	3.00	0.63	4.00	0.63	0.63	45TD20	345
SWCFT2030-4N4-AA			1	1.25	9.00	4.00	0.63	5.00	1.13	1.13	45TD20	345
SWCFT2035-2N-AA	336.4, 350	300 (26/7), 336.4 (18/1)	2	1.25	9.00	2.00	0.63	4.00	1.00	0.63	45TD20	230
SWCFT2035-4N-AA			1	1.25	9.00	3.00	0.63	4.00	0.63	0.63	45TD20	345
SWCFT2035-4N4-AA			1	1.25	9.00	4.00	0.63	5.00	1.13	1.13	45TD20	345
SWCFT2039-2N-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	2	1.25	9.00	2.00	0.63	4.00	1.00	0.63	45TD20	230
SWCFT2039-4N-AA			1	1.25	9.00	3.00	0.63	4.00	0.63	0.63	45TD20	345
SWCFT2039-4N4-AA			1	1.25	9.00	4.00	0.63	5.00	1.13	1.13	45TD20	345
SWCFT2445-2N-AA	450.0	397.5 (24/7), 397.5 (26/7)	2	1.50	9.13	2.00	0.63	4.00	1.00	0.63	45TD24	230
SWCFT2445-4N-AA			1	1.50	9.13	3.00	0.63	4.00	0.63	0.63	45TD24	345
SWCFT2445-4N4-AA			1	1.50	9.13	4.00	0.63	5.00	1.13	1.13	45TD24	345
SWCFT2447-2N-AA	477	397.5 (30/7)	2	1.50	9.13	2.00	0.63	4.00	1.00	0.63	45TD24	230
SWCFT2447-4N-AA			1	1.50	9.13	3.00	0.63	4.00	0.63	0.63	45TD24	345
SWCFT2447-4N4-AA			1	1.50	9.13	4.00	0.63	5.00	1.13	1.13	45TD24	345
SWCFT2450-2N-AA	500	477 (18/1)	2	1.50	9.13	2.00	0.63	4.00	1.00	0.63	45TD24	230
SWCFT2450-4N-AA			1	1.50	9.13	3.00	0.63	4.00	0.63	0.63	45TD24	345
SWCFT2450-4N4-AA			1	1.50	9.13	4.00	0.63	5.00	1.13	1.13	45TD24	345
SWCFT2455-2N-AA	556.5	477 (24/7), 477 (26/7)	2	1.50	9.13	2.00	0.63	4.00	1.00	0.63	45TD24	230
SWCFT2455-4N-AA			1	1.50	9.13	3.00	0.63	4.00	0.63	0.63	45TD24	345
SWCFT2455-4N4-AA			1	1.50	9.13	4.00	0.63	5.00	1.13	1.13	45TD24	345
SWCFT2860-2N-AA	600	477 (30/7), 556.5 (18/1)	2	1.75	10.00	2.00	0.63	4.00	1.00	0.63	45TD28	230
SWCFT2860-4N-AA			1	1.75	10.00	3.00	0.63	4.00	0.63	0.63	45TD28	345
SWCFT2860-4N4-AA			1	1.75	10.00	4.00	0.63	5.00	1.13	1.13	45TD28	345
SWCFT2863-2N-AA	636	556.5 (24/7), 556.5 (26/7)	2	1.75	10.00	2.00	0.63	4.00	1.00	0.63	45TD28	230
SWCFT2863-4N-AA			1	1.75	10.00	3.00	0.63	4.00	0.63	0.63	45TD28	345
SWCFT2863-4N4-AA			1	1.75	10.00	4.00	0.63	5.00	1.13	1.13	45TD28	345
SWCFT2871-2N-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	2	1.75	10.00	2.00	0.63	4.00	1.00	0.63	45TD28	230
SWCFT2871-4N-AA			1	1.75	10.00	3.00	0.63	4.00	0.63	0.63	45TD28	345
SWCFT2871-4N4-AA			1	1.75	10.00	4.00	0.63	5.00	1.13	1.13	45TD28	345

continued
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TYPE SWCFT-AA

Swage Cable Tee

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSION (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCFT3075-2N-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	2	1.88	10.00	2.00	0.63	4.00	1.00	0.63	45TD30	230
SWCFT3075-4N-AA			1	1.88	10.00	3.00	0.63	4.00	0.63	0.63	45TD30	345
SWCFT3075-4N4-AA			1	1.88	10.00	4.00	0.63	5.00	1.13	1.13	45TD30	345
SWCFT3079-2N-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	2	1.88	10.00	2.00	0.63	4.00	1.00	0.63	45TD30	230
SWCFT3079-4N-AA			1	1.88	10.00	3.00	0.63	4.00	0.63	0.63	45TD30	345
SWCFT3079-4N4-AA			1	1.88	10.00	4.00	0.63	5.00	1.13	1.13	45TD30	345
SWCFT3087-4N-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	10.00	3.00	0.63	4.00	0.63	0.63	45TD30	345
SWCFT3087-4N4-AA			1	1.88	10.00	4.00	0.63	5.00	1.13	1.13	45TD30	345
SWCFT3290-4N-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	10.00	3.00	0.75	4.00	0.63	0.63	45TD32	345
SWCFT3290-4N4-AA			1	2.00	10.00	4.00	0.75	5.00	1.13	1.13	45TD32	345
SWCFT3295-4N-AA	954	795 (30/19), 900 (45/7)	1	2.00	10.00	3.00	0.75	4.00	0.63	0.63	45TD32	345
SWCFT3295-4N4-AA			1	2.00	10.00	4.00	0.75	5.00	1.13	1.13	45TD32	345
SWCFT32100-4N-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	10.00	3.00	0.75	4.00	0.63	0.63	45TD32	345
SWCFT32100-4N4-AA			1	2.00	10.00	4.00	0.75	5.00	1.13	1.13	45TD32	345
SWCFT32103-4N-AA	1033.5	954 (54/7)	1	2.00	10.00	3.00	0.75	4.00	0.63	0.63	45TD32	345
SWCFT32103-4N4-AA			1	2.00	10.00	4.00	0.75	5.00	1.13	1.13	45TD32	345
SWCFT32111-4N-AA	1113	1033.5 (45/7), 1033.5 (54/7)	1	2.00	10.00	3.00	0.75	4.00	0.63	0.63	45TD32	345
SWCFT32111-4N4-AA			1	2.00	10.00	4.00	0.75	5.00	1.13	1.13	45TD32	345
SWCFT36119-4N-AA	1192.5	1113 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36119-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36127-4N-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36127-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36135-4N-AA	1351.5	1192.5 (54/19), 1272 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36135-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36143-4N-AA	1431	1272 (54/19), 1351.5 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36143-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36151-4N-AA	1510.5	1351.5 (54/19), 1431 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36151-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500

continued
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TYPE SWCFT-AA

Swage Cable Tee

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSION (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCFT36159-4N-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36159-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36175-4N-AA	1750	1510.5 (54/19), 1590 (45/7)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36175-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT36180-4N-AA	1800	1590 (54/19)	1	2.25	10.50	3.00	0.75	4.00	0.63	0.63	45TD36	500
SWCFT36180-4N4-AA			1	2.25	10.50	4.00	0.75	5.00	1.13	1.13	45TD36	500
SWCFT44200-4N-AA	2000	1780 (84/19)	1	2.75	11.50	3.00	1.00	4.00	0.63	0.63	65TD44	500
SWCFT44200-4N4-AA			1	2.75	11.50	4.00	1.00	5.00	1.13	1.13	65TD44	500
SWCFT44230-4N-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	11.50	3.00	1.00	4.00	0.63	0.63	65TD44	500
SWCFT44230-4N4-AA			1	2.75	11.50	4.00	1.00	5.00	1.13	1.13	65TD44	500
SWCFT44250-4N-AA	2500	2312 (76/19)	1	2.75	11.50	3.00	1.00	4.00	0.63	0.63	65TD44	500
SWCFT44250-4N4-AA			1	2.75	11.50	4.00	1.00	5.00	1.13	1.13	65TD44	500

TYPE SWCFTS-AA SERIES

Swage Split Cable Tube NEMA Pad

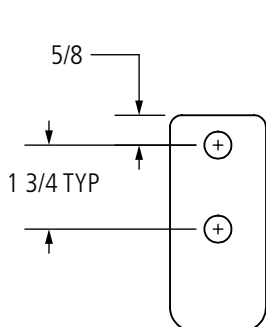
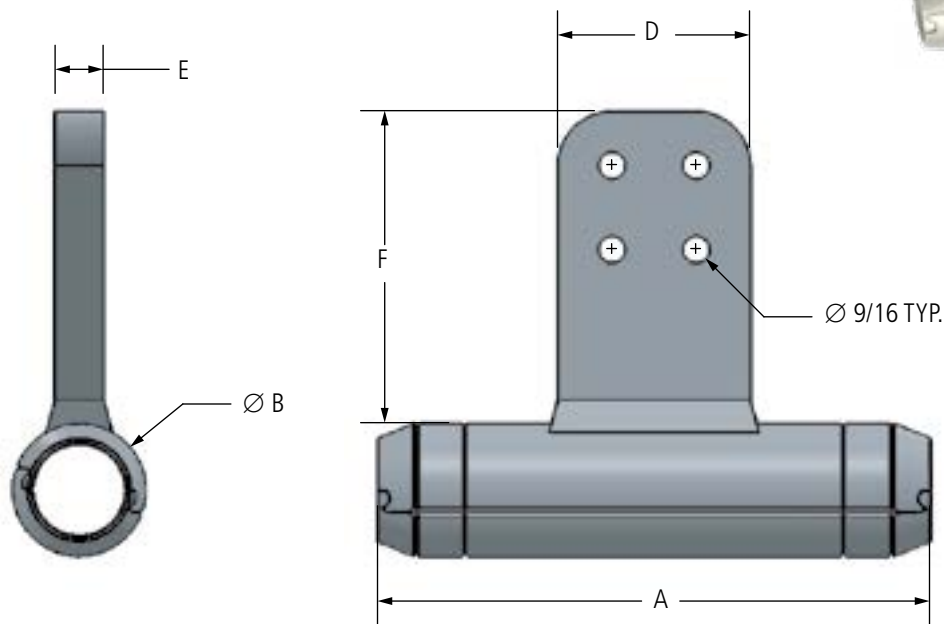
A Swage type split cable tube for cable with a NEMA pad.

Material

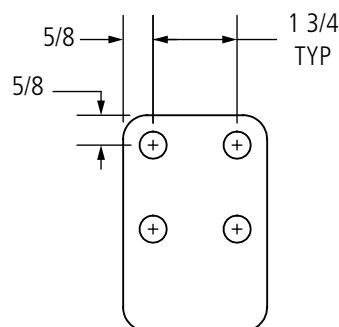
Aluminum Alloy

Notes

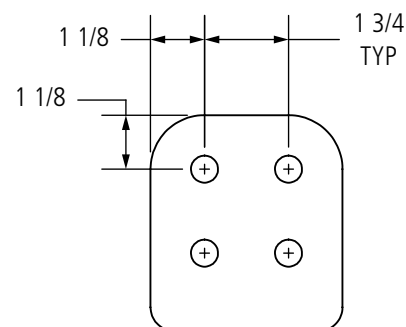
- Pre-filled with AFL Filler compound (AFC) and capped.



2N PAD



4N PAD



4N4 PAD

continued
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TYPE SWCFTS-AA SERIES

Swage Split Cable Tube NEMA Pad

Ordering Information

AFL NO.	CABLE RANGE		DIMENSION (inches)					DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR	A	B	D	E	F		
SWCFTS1613-2N-AA	2/0	1/0	9.00	1.00	2.00	0.375	4.00	45TD16	230
SWCFTS1613-4N-AA			9.00	1.00	3.00	0.375	4.00	45TD16	345
SWCFTS1613-4N4-AA			9.00	1.00	4.00	0.375	5.00	45TD16	345
SWCFTS1621-4N4-AA	4/0	3/0 (6/1)	9.00	1.00	4.00	0.375	5.00	45TD16	345
SWCFTS1625-2N-AA	250	4/0	9.00	1.00	2.00	0.375	4.00	45TD16	230
SWCFTS1625-4N-AA			9.00	1.00	3.00	0.375	4.00	45TD16	345
SWCFTS1625-4N4-AA			9.00	1.00	4.00	0.375	5.00	45TD16	345
SWCFTS2026-2N-AA	266.8	266.8 (18/1)	9.00	1.25	2.00	0.625	4.00	45TD20	230
SWCFTS2026-4N-AA			9.00	1.25	3.00	0.625	4.00	45TD20	345
SWCFTS2026-4N4-AA			9.00	1.25	4.00	0.625	5.00	45TD20	345
SWCFTS2030-2N-AA	300	266.8 (26/7)	9.00	1.25	2.00	0.625	4.00	45TD20	230
SWCFTS2030-4N-AA			9.00	1.25	3.00	0.625	4.00	45TD20	345
SWCFTS2030-4N4-AA			9.00	1.25	4.00	0.625	5.00	45TD20	345
SWCFTS2035-2N-AA	336.4, 350	300 (26/7), 336.4 (18/1)	9.00	1.25	2.00	0.625	4.00	45TD20	230
SWCFTS2035-4N-AA			9.00	1.25	3.00	0.625	4.00	45TD20	345
SWCFTS2035-4N4-AA			9.00	1.25	4.00	0.625	5.00	45TD20	345
SWCFTS2039-2N-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	9.00	1.25	2.00	0.625	4.00	45TD20	230
SWCFTS2039-4N-AA			9.00	1.25	3.00	0.625	4.00	45TD20	345
SWCFTS2039-4N4-AA			9.00	1.25	4.00	0.625	5.00	45TD20	345
SWCFTS2445-2N-AA	450	397.5 (24/7), 397.5 (26/7)	9.13	1.50	2.00	0.625	4.00	45TD24	230
SWCFTS2445-4N-AA			9.13	1.50	3.00	0.625	4.00	45TD24	345
SWCFTS2445-4N4-AA			9.13	1.50	4.00	0.625	5.00	45TD24	345
SWCFTS2447-2N-AA	477	397.5 (30/7)	9.13	1.50	2.00	0.625	4.00	45TD24	230
SWCFTS2447-4N-AA			9.13	1.50	3.00	0.625	4.00	45TD24	345
SWCFTS2447-4N4-AA			9.13	1.50	4.00	0.625	5.00	45TD24	345
SWCFTS2450-2N-AA	500	477 (18/1)	9.13	1.50	2.00	0.625	4.00	45TD24	230
SWCFTS2450-4N-AA			9.13	1.50	3.00	0.625	4.00	45TD24	345
SWCFTS2450-4N4-AA			9.13	1.50	4.00	0.625	5.00	45TD24	345
SWCFTS2455-2N-AA	556.5	477 (24/7), 477 (26/7)	9.13	1.50	2.00	0.625	4.00	45TD24	230
SWCFTS2455-4N-AA			9.13	1.50	3.00	0.625	4.00	45TD24	345
SWCFTS2455-4N4-AA			9.13	1.50	4.00	0.625	5.00	45TD24	345
SWCFTS2860-2N-AA	600	477 (30/7), 556.5 (18/1)	10.00	1.75	2.00	0.625	4.00	45TD28	230
SWCFTS2860-4N-AA			10.00	1.75	3.00	0.625	4.00	45TD28	345
SWCFTS2860-4N4-AA			10.00	1.75	4.00	0.625	5.00	45TD28	345
SWCFTS2863-2N-AA	636	556.5 (24/7), 556.5 (26/7)	10.00	1.75	2.00	0.625	4.00	45TD28	230
SWCFTS2863-4N-AA			10.00	1.75	3.00	0.625	4.00	45TD28	345
SWCFTS2863-4N4-AA			10.00	1.75	4.00	0.625	5.00	45TD28	345

continued
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TYPE SWCFTS-AA SERIES

Swage Split Cable Tube NEMA Pad

Ordering Information

AFL NO.	CABLE RANGE		DIMENSION (inches)					DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR	A	B	D	E	F		
SWCFTS2871-2N-AA	700, 715.5	556.5 (30/7), 605 (24/7),	10.00	1.75	2.00	0.625	4.00	45TD28	230
SWCFTS2871-4N-AA		605 (26/7), 636 (18/1),	10.00	1.75	3.00	0.625	4.00	45TD28	345
SWCFTS2871-4N4-AA		636 (36/1)	10.00	1.75	4.00	0.625	5.00	45TD28	345
SWCFTS3075-2N-AA	750	605 (30/7), 605 (30/19),	10.00	1.88	2.00	0.625	4.00	45TD30	230
SWCFTS3075-4N-AA		636 (24/7), 636 (26/7)	10.00	1.88	3.00	0.625	4.00	45TD30	345
SWCFTS3075-4N4-AA			10.00	1.88	4.00	0.625	5.00	45TD30	345
SWCFTS3079-2N-AA	795	636 (30/7), 636 (30/19),	10.00	1.88	2.00	0.625	4.00	45TD30	230
SWCFTS3079-4N-AA		666.6 (24/7), 666.6 (26/7), 715.5 (24/7),	10.00	1.88	3.00	0.625	4.00	45TD30	345
SWCFTS3079-4N4-AA		715.5 (54/7), 795 (36/1)	10.00	1.88	4.00	0.625	5.00	45TD30	345
SWCFTS3087-2N-AA	874.5	715.5 (26/7),	10.00	1.88	2.00	0.625	4.00	45TD30	230
SWCFTS3087-4N-AA		715.5 (30/19),	10.00	1.88	3.00	0.625	4.00	45TD30	345
SWCFTS3087-4N4-AA		795 (45/7)	10.00	1.88	4.00	0.625	5.00	45TD30	345
SWCFTS3290-2N-AA	900	795 (24/7),	10.00	2.00	2.00	0.750	4.00	45TD32	230
SWCFTS3290-4N-AA		795 (54/7),	10.00	2.00	3.00	0.750	4.00	45TD32	345
SWCFTS3290-4N4-AA		795 (26/7)	10.00	2.00	4.00	0.750	5.00	45TD32	345
SWCFTS3295-2N-AA	954	795 (30/19),	10.00	2.00	2.00	0.750	4.00	45TD32	230
SWCFTS3295-4N-AA		900 (45/7)	10.00	2.00	3.00	0.750	4.00	45TD32	345
SWCFTS3295-4N4-AA			10.00	2.00	4.00	0.750	5.00	45TD32	345
SWCFTS32100-2N-AA	1000	874.5 (54/7),	10.00	2.00	2.00	0.750	4.00	45TD32	230
SWCFTS32100-4N-AA		900 (54/7),	10.00	2.00	3.00	0.750	4.00	45TD32	345
SWCFTS32100-4N4-AA		954 (45/7)	10.00	2.00	4.00	0.750	5.00	45TD32	345
SWCFTS32103-2N-AA	1033.5		10.00	2.00	2.00	0.750	4.00	45TD32	230
SWCFTS32103-4N-AA		954 (54/7)	10.00	2.00	3.00	0.750	4.00	45TD32	345
SWCFTS32103-4N4-AA			10.00	2.00	4.00	0.750	5.00	45TD32	345
SWCFTS32111-2N-AA	1113		10.00	2.00	2.00	0.750	4.00	45TD32	230
SWCFTS32111-4N-AA		1033.5 (45/7), 1033.5 (54/7)	10.00	2.00	3.00	0.750	4.00	45TD32	345
SWCFTS32111-4N4-AA			10.00	2.00	4.00	0.750	5.00	45TD32	345
SWCFTS36119-2N-AA	1192.5		10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36119-4N-AA		1113 (45/7)	10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36119-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500

continued
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TYPE SWCFTS-AA SERIES

Swage Split Cable Tube NEMA Pad

Ordering Information

AFL NO.	CABLE RANGE		DIMENSION (inches)					DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR	A	B	D	E	F		
SWCFTS36127-2N-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36127-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36127-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36135-2N-AA	1351.5	1192.5 (54/19), 1272 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36135-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36135-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36143-2N-AA	1431	1272 (54/19), 1351.5 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36143-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36143-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36151-2N-AA	1510.5	1351.5 (54/19), 1431 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36151-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36151-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36159-2N-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36159-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36159-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36175-2N-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36175-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36175-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS36180-2N-AA	1800	1590 (54/19)	10.50	2.25	2.00	0.750	4.00	45TD36	230
SWCFTS36180-4N-AA			10.50	2.25	3.00	0.750	4.00	45TD36	500
SWCFTS36180-4N4-AA			10.50	2.25	4.00	0.750	5.00	45TD36	500
SWCFTS44200-2N-AA	2000	1780 (84/19)	11.50	2.75	2.00	0.750	5.00	65TD44	230
SWCFTS44200-4N-AA			11.50	2.75	3.00	1.000	4.00	65TD44	500
SWCFTS44200-4N4-AA			11.50	2.75	4.00	1.000	5.00	65TD44	500
SWCFTS44230-2N-AA	2250, 2300	2156 (84/19), 2167 (72/7)	11.50	2.75	2.00	1.000	4.00	65TD44	230
SWCFTS44230-4N-AA			11.50	2.75	3.00	1.000	4.00	65TD44	500
SWCFTS44230-4N4-AA			11.50	2.75	4.00	1.000	5.00	65TD44	500
SWCFTS44250-2N-AA	2500	2312 (76/19)	11.50	2.75	2.00	1.000	4.00	65TD44	230
SWCFTS44250-4N-AA			11.50	2.75	3.00	1.000	4.00	65TD44	500
SWCFTS44250-4N4-AA			11.50	2.75	4.00	1.000	5.00	65TD44	500

TYPE SWCTC-AA

Swage Cable Center-Formed Terminal

A swage type cable center-formed terminal on a nema pad.

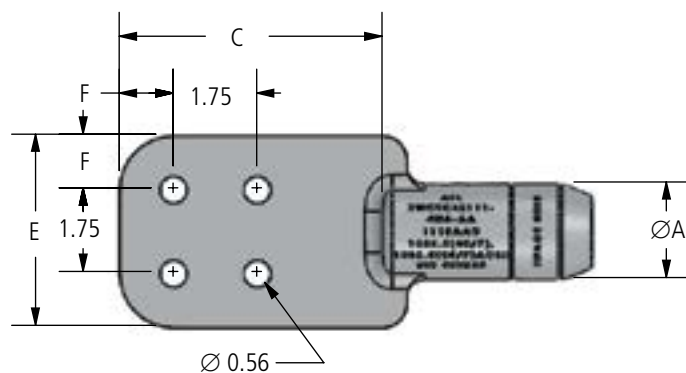
Material

Aluminum Alloy

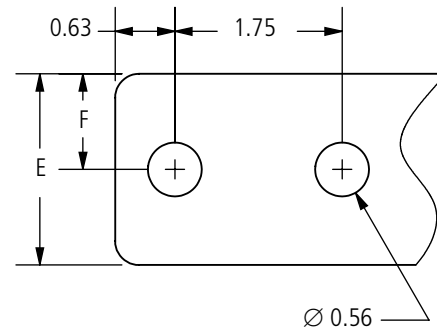
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No. EX: SWCTC2026-4N-AA-SN

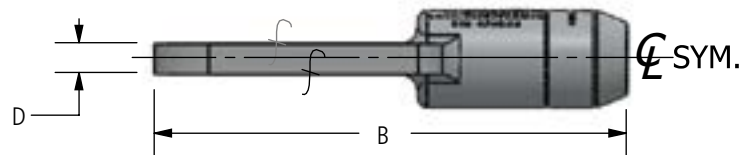
f—Machine Finish



Pad Detail 2



Pad Detail 1



Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTC1613-2N-AA	2/0	1/0 (6/1)	1	1.00	7.50	4.25	0.38	2.00	1.00	45TD16
SWCTC1613-4N-AA			2	1.00	7.50	4.25	0.38	3.00	0.63	45TD16
SWCTC1613-4N4-AA			2	1.00	8.50	5.25	0.38	4.00	1.13	45TD16
SWCTC1617-2N-AA	3/0	2/0 (6/1)	1	1.00	7.50	4.25	0.38	2.00	1.00	45TD16
SWCTC1617-4N-AA			2	1.00	7.50	4.25	0.38	3.00	0.63	45TD16
SWCTC1617-4N4-AA			2	1.00	8.50	5.25	0.38	4.00	1.13	45TD16
SWCTC1621-2N-AA	4/0	3/0 (6/1)	1	1.00	7.50	4.25	0.38	2.00	1.00	45TD16
SWCTC1621-4N-AA			2	1.00	7.50	4.25	0.38	3.00	0.63	45TD16
SWCTC1621-4N4-AA			2	1.00	8.50	5.25	0.38	4.00	1.13	45TD16

continued
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TYPE SWCTC-AA

Swage Cable Center-Formed Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTC1625-2N-AA	250	4/0 (6/1)	1	1.00	7.50	4.25	0.38	2.00	1.00	45TD16
SWCTC1625-4N-AA			2	1.00	7.50	4.25	0.38	3.00	0.63	45TD16
SWCTC1625-4N4-AA			2	1.00	8.50	5.25	0.38	4.00	1.13	45TD16
SWCTC2026-2N-AA	266.8	266.8 (18/1)	1	1.25	8.00	4.25	0.63	2.00	1.00	45TD20
SWCTC2026-4N-AA			2	1.25	8.00	4.25	0.63	3.00	0.63	45TD20
SWCTC2026-4N4-AA			2	1.25	9.00	5.25	0.63	4.00	1.13	45TD20
SWCTC2030-2N-AA	300	266.8 (26/7)	1	1.25	8.00	4.25	0.63	2.00	1.00	45TD20
SWCTC2030-4N-AA			2	1.25	8.00	4.25	0.63	3.00	0.63	45TD20
SWCTC2030-4N4-AA			2	1.25	9.00	5.25	0.63	4.00	1.13	45TD20
SWCTC2035-2N-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	8.00	4.25	0.63	2.00	1.00	45TD20
SWCTC2035-4N-AA			2	1.25	8.00	4.25	0.63	3.00	0.63	45TD20
SWCTC2035-4N4-AA			2	1.25	9.00	5.25	0.63	4.00	1.13	45TD20
SWCTC2039-2N-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	8.00	4.25	0.63	2.00	1.00	45TD20
SWCTC2039-4N-AA			2	1.25	8.00	4.25	0.63	3.00	0.63	45TD20
SWCTC2039-4N4-AA			2	1.25	9.00	5.25	0.63	4.00	1.13	45TD20
SWCTC2445-2N-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	8.00	4.00	0.63	2.00	1.00	45TD24
SWCTC2445-4N-AA			2	1.50	8.00	4.00	0.63	3.00	0.63	45TD24
SWCTC2445-4N4-AA			2	1.50	9.00	5.00	0.63	4.00	1.13	45TD24
SWCTC2447-2N-AA	477	397.5 (30/7)	1	1.50	8.00	4.00	0.63	2.00	1.00	45TD24
SWCTC2447-4N-AA			2	1.50	8.00	4.00	0.63	3.00	0.63	45TD24
SWCTC2447-4N4-AA			2	1.50	9.00	5.00	0.63	4.00	1.13	45TD24
SWCTC2450-2N-AA	500	477 (18/1)	1	1.50	8.00	4.00	0.63	2.00	1.00	45TD24
SWCTC2450-4N-AA			2	1.50	8.00	4.00	0.63	3.00	0.63	45TD24
SWCTC2450-4N4-AA			2	1.50	9.00	5.00	0.63	4.00	1.13	45TD24
SWCTC2455-2N-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	8.00	4.00	0.63	2.00	1.00	45TD24
SWCTC2455-4N-AA			2	1.50	8.00	4.00	0.63	3.00	0.63	45TD24
SWCTC2455-4N4-AA			2	1.50	9.00	5.00	0.63	4.00	1.13	45TD24
SWCTC2860-2N-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28
SWCTC2860-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28
SWCTC2860-4N4-AA			2	1.75	9.25	5.00	0.63	4.00	1.13	45TD28
SWCTC2863-2N-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28
SWCTC2863-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28
SWCTC2863-4N4-AA			2	1.75	9.25	5.00	0.63	4.00	1.13	45TD28
SWCTC2871-2N-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28
SWCTC2871-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28
SWCTC2871-4N4-AA			2	1.75	9.25	5.00	0.63	4.00	1.13	45TD28
SWCTC3075-2N-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30
SWCTC3075-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30
SWCTC3075-4N4-AA			2	1.88	9.25	5.00	0.63	4.00	1.13	45TD30

continued
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TYPE SWCTC-AA

Swage Cable Center-Formed Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTC3079-2N-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30
SWCTC3079-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30
SWCTC3079-4N4-AA			2	1.88	9.25	5.00	0.63	4.00	1.13	45TD30
SWCTC3087-2N-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30
SWCTC3087-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30
SWCTC3087-4N4-AA			2	1.88	9.25	5.00	0.63	4.00	1.13	45TD30
SWCTC3290-2N-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32
SWCTC3290-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32
SWCTC3290-4N4-AA			2	2.00	9.38	5.00	0.75	4.00	1.13	45TD32
SWCTC3295-2N-AA	954	795 (30/19), 900 (45/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32
SWCTC3295-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32
SWCTC3295-4N4-AA			2	2.00	9.38	5.00	0.75	4.00	1.13	45TD32
SWCTC32100-2N-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32
SWCTC32100-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32
SWCTC32100-4N4-AA			2	2.00	9.38	5.00	0.75	4.00	1.13	45TD32
SWCTC32103-4N-AA	1033.5	954 (54/7)	2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32
SWCTC32103-4N4-AA			2	2.00	9.38	5.00	0.75	4.00	1.13	45TD32
SWCTC32111-4N-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32
SWCTC32111-4N4-AA			2	2.00	9.38	5.00	0.75	4.00	1.13	45TD32
SWCTC36119-4N-AA	1192.5	1113 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36119-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36127-4N-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36127-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36135-4N-AA	1351.5	1192.5 (54/19), 1272 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36135-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36143-4N-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36143-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36151-4N-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36151-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36159-4N-AA	1590	1431 (54/19), 1510.5 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36159-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36175-4N-AA	1750	1510.5 (54/19), 1590 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36175-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC36180-4N-AA	1800	1590 (54/19)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36
SWCTC36180-4N4-AA			2	2.25	9.75	5.00	0.75	4.00	1.13	45TD36
SWCTC44200-4N-AA	2000	1780 (84/19)	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44
SWCTC44200-4N4-AA			2	2.75	10.38	5.00	1.00	4.00	1.13	65TD44
SWCTC44230-4N-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44
SWCTC44230-4N4-AA			2	2.75	10.38	5.00	1.00	4.00	1.13	65TD44
SWCTC44250-4N-AA	2500	2312 (76/19)	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44
SWCTC44250-4N4-AA			2	2.75	10.38	5.00	1.00	4.00	1.13	65TD44

TYPE SWCT-AA

Swage Offset Cable Terminal

A swage type cable terminal designed to terminate aluminum cables.

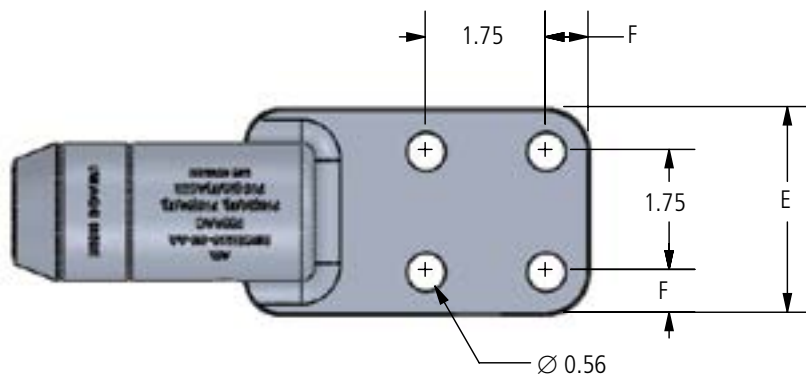
Material

Aluminum Alloy

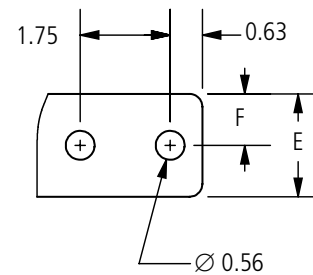
Notes

- Bore will be lined with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No. EX: SWCT2026-4N-AA-SN

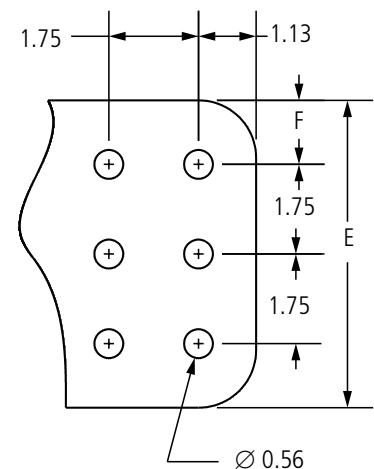
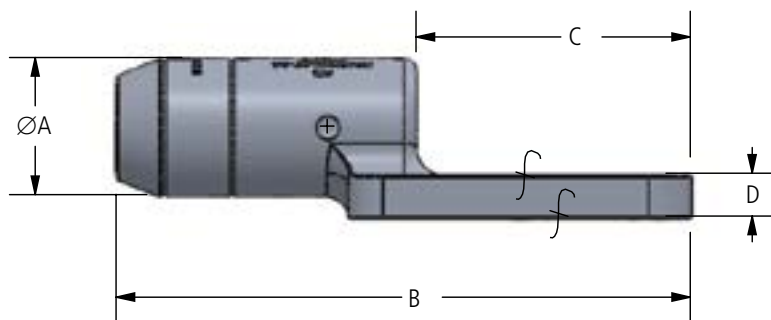
f—Machine Finish



Pad Detail 2



Pad Detail 1



Pad Detail 3

continued
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TYPE SWCT-AA

Swage Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F		
SWCT1601-2N-AA	#2	#2	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1601-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1610-2N-AA	1/0	#1	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1610-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1610-4N4-AA			2	1.00	8.25	5.00	0.38	4.00	1.13	45TD16	230
SWCT1613-2N-AA	2/0	1/0 (6/1)	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1613-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1613-4N4-AA			2	1.00	8.25	5.00	0.38	4.00	1.13	45TD16	230
SWCT1617-2N-AA	3/0	2/0 (6/1)	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1617-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1617-4N4-AA			2	1.00	8.25	5.00	0.38	4.00	1.13	45TD16	230
SWCT1621-2N-AA	4/0	3/0 (6/1)	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1621-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1621-4N4-AA			2	1.00	8.25	5.00	0.38	4.00	1.13	45TD16	230
SWCT1625-2N-AA	250	4/0 (6/1)	1	1.00	7.25	4.00	0.38	2.00	1.00	45TD16	230
SWCT1625-4N-AA			2	1.00	7.25	4.00	0.38	3.00	0.63	45TD16	230
SWCT1625-4N4-AA			2	1.00	8.25	5.00	0.38	4.00	1.13	45TD16	230
SWCT2026-2N-AA	266.8	266.8 (18/1)	1	1.25	7.75	4.00	0.63	2.00	1.00	45TD20	230
SWCT2026-4N-AA			2	1.25	7.75	4.00	0.63	3.00	0.63	45TD20	345
SWCT2026-4N4-AA			2	1.25	8.25	4.50	0.63	4.00	1.13	45TD20	345
SWCT2030-2N-AA	300	266.8 (26/7)	1	1.25	7.75	4.00	0.63	2.00	1.00	45TD20	230
SWCT2030-4N-AA			2	1.25	7.75	4.00	0.63	3.00	0.63	45TD20	345
SWCT2030-4N4-AA			2	1.25	8.25	4.50	0.63	4.00	1.13	45TD20	345
SWCT2035-2N-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	7.75	4.00	0.63	2.00	1.00	45TD20	230
SWCT2035-4N-AA			2	1.25	7.75	4.00	0.63	3.00	0.63	45TD20	345
SWCT2035-4N4-AA			2	1.25	8.25	4.50	0.63	4.00	1.13	45TD20	345
SWCT2039-2N-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	7.75	4.00	0.63	2.00	1.00	45TD20	230
SWCT2039-4N-AA			2	1.25	7.75	4.00	0.63	3.00	0.63	45TD20	345
SWCT2039-4N4-AA			2	1.25	8.25	4.50	0.63	4.00	1.13	45TD20	345
SWCT2445-2N-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	7.88	3.88	0.63	2.00	1.00	45TD24	230
SWCT2445-4N-AA			2	1.50	7.88	3.88	0.63	3.00	0.63	45TD24	345
SWCT2445-4N4-AA			2	1.50	8.88	4.88	0.63	4.00	1.13	45TD24	345
SWCT2447-2N-AA	477	397.5 (30/7)	1	1.50	7.88	3.88	0.63	2.00	1.00	45TD24	230
SWCT2447-4N-AA			2	1.50	7.88	3.88	0.63	3.00	0.63	45TD24	345
SWCT2447-4N4-AA			2	1.50	8.88	4.88	0.63	4.00	1.13	45TD24	345
SWCT2450-2N-AA	500	477 (18/1)	1	1.50	7.88	3.88	0.63	2.00	1.00	45TD24	230
SWCT2450-4N-AA			2	1.50	7.88	3.88	0.63	3.00	0.63	45TD24	345
SWCT2450-4N4-AA			2	1.50	8.88	4.88	0.63	4.00	1.13	45TD24	345
SWCT2455-2N-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	7.88	3.88	0.63	2.00	1.00	45TD24	230
SWCT2455-4N-AA			2	1.50	7.88	3.88	0.63	3.00	0.63	45TD24	345
SWCT2455-4N4-AA			2	1.50	8.88	4.88	0.63	4.00	1.13	45TD24	345

continued
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TYPE SWCT-AA

Swage Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F		
SWCT2860-2N-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28	230
SWCT2860-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28	345
SWCT2860-4N4-AA			2	1.75	8.75	4.50	0.63	4.00	1.13	45TD28	345
SWCT2863-2N-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28	230
SWCT2863-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28	345
SWCT2863-4N4-AA			2	1.75	8.75	4.50	0.63	4.00	1.13	45TD28	345
SWCT2871-2N-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	8.25	4.00	0.63	2.00	1.00	45TD28	230
SWCT2871-4N-AA			2	1.75	8.25	4.00	0.63	3.00	0.63	45TD28	345
SWCT2871-4N4-AA			2	1.75	8.75	4.50	0.63	4.00	1.13	45TD28	345
SWCT3075-2N-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30	345
SWCT3075-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30	345
SWCT3075-4N4-AA			2	1.88	8.75	4.50	0.63	4.00	1.13	45TD30	345
SWCT3079-2N-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30	345
SWCT3079-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30	345
SWCT3079-4N4-AA			2	1.88	8.75	4.50	0.63	4.00	1.13	45TD30	345
SWCT3087-2N-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	8.25	4.00	0.63	2.00	1.00	45TD30	345
SWCT3087-4N-AA			2	1.88	8.25	4.00	0.63	3.00	0.63	45TD30	345
SWCT3087-4N4-AA			2	1.88	8.75	4.50	0.63	4.00	1.13	45TD30	345
SWCT3290-2N-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32	345
SWCT3290-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32	345
SWCT3290-4N4-AA			2	2.00	8.88	4.50	0.75	4.00	1.13	45TD32	345
SWCT3295-2N-AA	954	795 (30/19), 900 (45/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32	345
SWCT3295-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32	345
SWCT3295-4N4-AA			2	2.00	8.88	4.50	0.75	4.00	1.13	45TD32	345
SWCT32100-2N-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	8.38	4.00	0.75	2.00	1.00	45TD32	345
SWCT32100-4N-AA			2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32	345
SWCT32100-4N4-AA			2	2.00	8.88	4.50	0.75	4.00	1.13	45TD32	345
SWCT32103-4N-AA	1033.5	954 (54/7)	2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32	345
SWCT32103-4N4-AA			2	2.00	8.88	4.50	0.75	4.00	1.13	45TD32	345
SWCT32111-4N-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	8.38	4.00	0.75	3.00	0.63	45TD32	345
SWCT32111-4N4-AA			2	2.00	8.88	4.50	0.75	4.00	1.13	45TD32	345
SWCT36119-4N-AA	1192.5	1113 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36119-4N4-AA			2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36127-2N-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	9.25	4.50	0.75	2.00	1.00	45TD36	230
SWCT36127-4N-AA			2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36127-4N4-AA			2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345

continued
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TYPE SWCT-AA

Swage Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F		
SWCT36135-4N-AA	1351.5	1192.5 (54/19),	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36135-4N4-AA		1272 (45/7)	2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36143-4N-AA	1431	1272 (54/19),	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36143-4N4-AA		1351.5 (45/7)	2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36151-4N-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36151-4N4-AA			2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36151-6N4-AA			3	2.25	10.25	5.50	0.75	6.00	1.25	45TD36	345
SWCT36159-2N-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	8.75	4.00	0.75	2.00	1.00	45TD36	345
SWCT36159-4N-AA			2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36159-4N4-AA			2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36175-4N-AA	1750	1510.5 (54/19),	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36175-4N4-AA		1590 (45/7)	2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT36180-4N-AA	1800	1590 (54/19)	2	2.25	8.75	4.00	0.75	3.00	0.63	45TD36	345
SWCT36180-4N4-AA			2	2.25	9.25	4.50	0.75	4.00	1.13	45TD36	345
SWCT44200-4N-AA	2000	1780 (84/19)	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44	345
SWCT44200-4N4-AA			2	2.75	9.88	4.50	1.00	4.00	1.13	65TD44	345
SWCT44200-6N4-AA			3	2.75	9.88	4.50	1.00	6.00	1.13	65TD44	345
SWCT44193TW-4N4-AA	—	1926.9 (42/14) TW	2	2.75	10.88	5.50	1.00	4.00	1.13	65TD44	345
SWCT44230-4N-AA	2250	2156 (84/19),	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44	345
SWCT44230-4N4-AA		2167 (72/7)	2	2.75	9.88	4.50	1.00	4.00	1.13	65TD44	345
SWCT44250-4N-AA	2500	2312 (76/19)	2	2.75	9.38	4.00	1.00	3.00	0.63	65TD44	345
SWCT44250-4N4-AA			2	2.75	9.88	4.50	1.00	4.00	1.13	65TD44	345

TYPE SWCTA-AA

Swage Cable Angled Terminal

A swage type cable angled terminal on a nema pad.

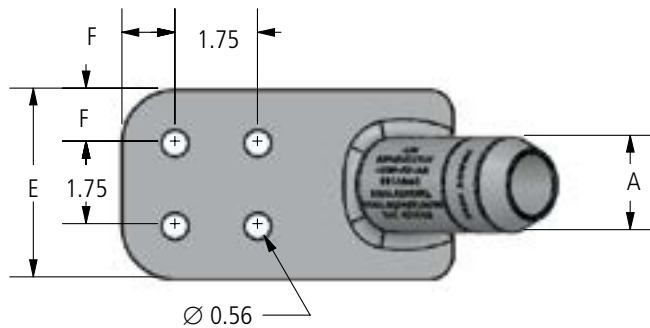
Material

Aluminum Alloy

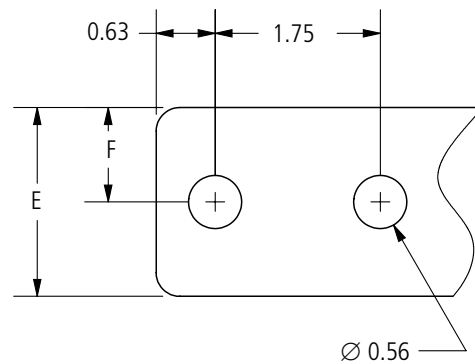
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SWCTA2026-4N-45-AA-SN

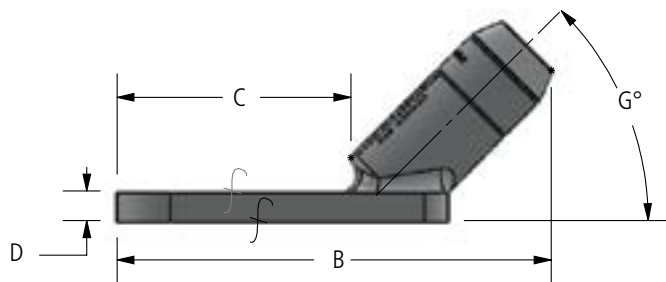
f—Machine Finish



Pad Detail 2



Pad Detail 1



Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA1613-2N-15-AA	2/0	1/0 (6/1)	1	1.00	7.20	3.84	0.38	2.00	1.00	15.0	45TD16	230
SWCTA1613-2N-45-AA			1	1.00	6.84	3.94	0.38	2.00	1.00	45.0	45TD16	230
SWCTA1613-4N-15-AA			2	1.00	7.20	3.84	0.38	3.00	0.63	15.0	45TD16	230
SWCTA1613-4N-45-AA			2	1.00	6.84	3.94	0.38	3.00	0.63	45.0	45TD16	230
SWCTA1613-4N4-15-AA			2	1.00	8.20	4.84	0.38	4.00	1.13	15.0	45TD16	230
SWCTA1613-4N4-45-AA			2	1.00	7.84	4.94	0.38	4.00	1.13	45.0	45TD16	230

continued
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TYPE SWCTA-AA

Swage Cable Angled Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA1617-2N-15-AA	3/0	2/0 (6/1)	1	1.00	7.20	3.84	0.38	2.00	1.00	15.0	45TD16	230
SWCTA1617-2N-45-AA			1	1.00	6.84	3.94	0.38	2.00	1.00	45.0	45TD16	230
SWCTA1617-4N-15-AA			2	1.00	7.20	3.84	0.38	3.00	0.63	15.0	45TD16	230
SWCTA1617-4N-45-AA			2	1.00	7.34	4.44	0.38	3.00	0.63	45.0	45TD16	230
SWCTA1617-4N4-15-AA			2	1.00	8.20	4.84	0.38	4.00	1.13	15.0	45TD16	230
SWCTA1617-4N4-45-AA			2	1.00	7.84	4.94	0.38	4.00	1.13	45.0	45TD16	230
SWCTA1621-2N-15-AA	4/0	3/0 (6/1)	1	1.00	7.20	3.84	0.38	2.00	1.00	15.0	45TD16	230
SWCTA1621-2N-45-AA			1	1.00	6.84	3.94	0.38	2.00	1.00	45.0	45TD16	230
SWCTA1621-4N-15-AA			2	1.00	7.20	3.84	0.38	3.00	0.63	15.0	45TD16	230
SWCTA1621-4N-45-AA			2	1.00	6.84	3.94	0.38	3.00	0.63	45.0	45TD16	230
SWCTA1621-4N4-15-AA			2	1.00	8.20	4.84	0.38	4.00	1.13	15.0	45TD16	230
SWCTA1621-4N4-45-AA			2	1.00	7.84	4.94	0.38	4.00	1.13	45.0	45TD16	230
SWCTA1625-2N-15-AA	250	4/0 (6/1)	1	1.00	7.20	3.84	0.38	2.00	1.00	15.0	45TD16	230
SWCTA1625-2N-45-AA			1	1.00	6.84	3.94	0.38	2.00	1.00	45.0	45TD16	230
SWCTA1625-4N-15-AA			2	1.00	7.20	3.84	0.38	3.00	0.63	15.0	45TD16	230
SWCTA1625-4N-45-AA			2	1.00	6.84	3.94	0.38	3.00	0.63	45.0	45TD16	230
SWCTA1625-4N4-15-AA			2	1.00	8.20	4.84	0.38	4.00	1.13	15.0	45TD16	230
SWCTA1625-4N4-45-AA			2	1.00	7.84	4.94	0.38	4.00	1.13	45.0	45TD16	230
SWCTA2026-2N-15-AA	266.8	266.8 (18/1)	1	1.25	7.67	3.78	0.63	2.00	1.00	15.0	45TD20	230
SWCTA2026-2N-45-AA			1	1.25	7.08	3.67	0.63	2.00	1.00	45.0	45TD20	230
SWCTA2026-4N-15-AA			2	1.25	7.67	3.78	0.63	3.00	0.63	15.0	45TD20	345
SWCTA2026-4N-45-AA			2	1.25	7.08	3.67	0.63	3.00	0.63	45.0	45TD20	345
SWCTA2026-4N4-15-AA			2	1.25	8.67	4.78	0.63	4.00	1.13	15.0	45TD20	345
SWCTA2026-4N4-45-AA			2	1.25	8.08	4.67	0.63	4.00	1.13	45.0	45TD20	345
SWCTA2030-2N-15-AA	300	266.8 (26/7)	1	1.25	7.67	3.78	0.63	2.00	1.00	15.0	45TD20	230
SWCTA2030-2N-45-AA			1	1.25	7.08	3.67	0.63	2.00	1.00	45.0	45TD20	230
SWCTA2030-4N-15-AA			2	1.25	7.67	3.78	0.63	3.00	0.63	15.0	45TD20	345
SWCTA2030-4N-45-AA			2	1.25	7.08	3.67	0.63	3.00	0.63	45.0	45TD20	345
SWCTA2030-4N4-15-AA			2	1.25	8.67	4.78	0.63	4.00	1.13	15.0	45TD20	345
SWCTA2030-4N4-45-AA			2	1.25	8.08	4.67	0.63	4.00	1.13	45.0	45TD20	345
SWCTA2035-2N-15-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	7.67	3.78	0.63	2.00	1.00	15.0	45TD20	230
SWCTA2035-2N-45-AA			1	1.25	7.08	3.67	0.63	2.00	1.00	45.0	45TD20	230
SWCTA2035-4N-15-AA			2	1.25	7.67	3.78	0.63	3.00	0.63	15.0	45TD20	345
SWCTA2035-4N-45-AA			2	1.25	7.58	4.17	0.63	3.00	0.63	45.0	45TD20	345
SWCTA2035-4N4-15-AA			2	1.25	8.67	4.78	0.63	4.00	1.13	15.0	45TD20	345
SWCTA2035-4N4-45-AA			2	1.25	8.08	4.67	0.63	4.00	1.13	45.0	45TD20	345

continued
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TYPE SWCTA-AA

Swage Cable Angled Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA2039-2N-15-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	7.67	3.78	0.63	2.00	1.00	15.0	45TD20	230
SWCTA2039-2N-45-AA			1	1.25	7.08	3.67	0.63	2.00	1.00	45.0	45TD20	230
SWCTA2039-4N-15-AA			2	1.25	7.67	3.78	0.63	3.00	0.63	15.0	45TD20	345
SWCTA2039-4N-45-AA			2	1.25	7.08	3.67	0.63	3.00	0.63	45.0	45TD20	345
SWCTA2039-4N4-15-AA			2	1.25	8.67	4.78	0.63	4.00	1.13	15.0	45TD20	345
SWCTA2039-4N4-45-AA			2	1.25	8.08	4.67	0.63	4.00	1.13	45.0	45TD20	345
SWCTA2445-2N-15-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	8.40	4.21	0.63	2.00	1.00	15.0	45TD24	230
SWCTA2445-2N-30-AA			1	1.50	8.10	4.00	0.63	2.00	1.00	30.0	45TD24	230
SWCTA2445-2N-45-AA			1	1.50	7.64	3.91	0.63	2.00	1.00	45.0	45TD24	230
SWCTA2445-4N-15-AA			2	1.50	8.40	4.21	0.63	3.00	0.63	15.0	45TD24	345
SWCTA2445-4N-45-AA			2	1.50	7.64	3.91	0.63	3.00	0.63	45.0	45TD24	345
SWCTA2445-4N4-15-AA			2	1.50	9.40	5.21	0.63	4.00	1.13	15.0	45TD24	345
SWCTA2445-4N4-45-AA			2	1.50	8.64	4.91	0.63	4.00	1.13	45.0	45TD24	345
SWCTA2447-2N-15-AA	477	397.5 (30/7)	1	1.50	8.40	4.21	0.63	2.00	1.00	15.0	45TD24	230
SWCTA2447-2N-45-AA			1	1.50	7.64	3.91	0.63	2.00	1.00	45.0	45TD24	230
SWCTA2447-4N-15-AA			2	1.50	8.40	4.21	0.63	3.00	0.63	15.0	45TD24	345
SWCTA2447-4N-45-AA			2	1.50	7.64	3.91	0.63	3.00	0.63	45.0	45TD24	345
SWCTA2447-4N4-15-AA			2	1.50	9.40	5.21	0.63	4.00	1.13	15.0	45TD24	345
SWCTA2447-4N4-45-AA			2	1.50	8.64	4.91	0.63	4.00	1.13	45.0	45TD24	345
SWCTA2450-2N-15-AA	500	477 (18/1)	1	1.50	8.40	4.21	0.63	2.00	1.00	15.0	45TD24	230
SWCTA2450-2N-45-AA			1	1.50	7.64	3.91	0.63	2.00	1.00	45.0	45TD24	230
SWCTA2450-4N-15-AA			2	1.50	8.40	4.21	0.63	3.00	0.63	15.0	45TD24	345
SWCTA2450-4N-45-AA			2	1.50	7.64	3.91	0.63	3.00	0.63	45.0	45TD24	345
SWCTA2450-4N4-15-AA			2	1.50	9.40	5.21	0.63	4.00	1.13	15.0	45TD24	345
SWCTA2450-4N4-45-AA			2	1.50	8.64	4.91	0.63	4.00	1.13	45.0	45TD24	345
SWCTA2455-2N-15-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	8.40	4.21	0.63	2.00	1.00	15.0	45TD24	230
SWCTA2455-2N-45-AA			1	1.50	7.64	3.91	0.63	2.00	1.00	45.0	45TD24	230
SWCTA2455-4N-15-AA			2	1.50	8.40	4.21	0.63	3.00	0.63	15.0	45TD24	345
SWCTA2455-4N-45-AA			2	1.50	8.14	4.41	0.63	3.00	0.63	45.0	45TD24	345
SWCTA2455-4N4-15-AA			2	1.50	9.40	5.21	0.63	4.00	1.13	15.0	45TD24	345
SWCTA2455-4N4-45-AA			2	1.50	8.64	4.91	0.63	4.00	1.13	45.0	45TD24	345
SWCTA2860-2N-15-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	8.91	4.42	0.63	2.00	1.00	15.0	45TD28	230
SWCTA2860-2N-45-AA			1	1.75	8.19	4.14	0.63	2.00	1.00	45.0	45TD28	230
SWCTA2860-4N-15-AA			2	1.75	8.91	4.42	0.63	3.00	0.63	15.0	45TD28	345
SWCTA2860-4N-45-AA			2	1.75	8.19	4.14	0.63	3.00	0.63	45.0	45TD28	345
SWCTA2860-4N4-15-AA			2	1.75	9.41	4.92	0.63	4.00	1.13	15.0	45TD28	345
SWCTA2860-4N4-45-AA			2	1.75	8.69	4.64	0.63	4.00	1.13	45.0	45TD28	345

continued
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TYPE SWCTA-AA

Swage Cable Angled Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA2863-2N-15-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	8.91	4.42	0.63	2.00	1.00	15.0	45TD28	230
SWCTA2863-2N-45-AA			1	1.75	8.19	4.14	0.63	2.00	1.00	45.0	45TD28	230
SWCTA2863-4N-15-AA			2	1.75	8.91	4.42	0.63	3.00	0.63	15.0	45TD28	345
SWCTA2863-4N-45-AA			2	1.75	8.19	4.14	0.63	3.00	0.63	45.0	45TD28	345
SWCTA2863-4N4-15-AA			2	1.75	9.41	4.92	0.63	4.00	1.13	15.0	45TD28	345
SWCTA2863-4N4-45-AA			2	1.75	8.69	4.64	0.63	4.00	1.13	45.0	45TD28	345
SWCTA2871-2N-15-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	8.91	4.42	0.63	2.00	1.00	15.0	45TD28	230
SWCTA2871-2N-45-AA			1	1.75	8.19	4.14	0.63	2.00	1.00	45.0	45TD28	230
SWCTA2871-4N-15-AA			2	1.75	8.91	4.42	0.63	3.00	0.63	15.0	45TD28	345
SWCTA2871-4N-45-AA			2	1.75	8.19	4.14	0.63	3.00	0.63	45.0	45TD28	345
SWCTA2871-4N4-15-AA			2	1.75	9.41	4.92	0.63	4.00	1.13	15.0	45TD28	345
SWCTA2871-4N4-45-AA			2	1.75	8.69	4.64	0.63	4.00	1.13	45.0	45TD28	345
SWCTA3075-2N-15-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	8.91	4.39	0.63	2.00	1.00	15.0	45TD30	230
SWCTA3075-2N-45-AA			1	1.88	8.15	4.01	0.63	2.00	1.00	45.0	45TD30	230
SWCTA3075-4N-15-AA			2	1.88	8.91	4.39	0.63	3.00	0.63	15.0	45TD30	345
SWCTA3075-4N-45-AA			2	1.88	8.15	4.01	0.63	3.00	0.63	45.0	45TD30	345
SWCTA3075-4N4-15-AA			2	1.88	9.41	4.89	0.63	4.00	1.13	15.0	45TD30	345
SWCTA3075-4N4-45-AA			2	1.88	8.65	4.51	0.63	4.00	1.13	45.0	45TD30	345
SWCTA3079-2N-15-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	8.91	4.39	0.63	2.00	1.00	15.0	45TD30	230
SWCTA3079-2N-45-AA			1	1.88	8.15	4.01	0.63	2.00	1.00	45.0	45TD30	230
SWCTA3079-4N-15-AA			2	1.88	8.91	4.39	0.63	3.00	0.63	15.0	45TD30	345
SWCTA3079-4N-30-AA			2	1.88	8.61	4.12	0.63	3.00	0.63	30.0	45TD30	345
SWCTA3079-4N-45-AA			2	1.88	8.15	4.01	0.63	3.00	0.63	45.0	45TD30	345
SWCTA3079-4N4-15-AA			2	1.88	9.41	4.89	0.63	4.00	1.13	15.0	45TD30	345
SWCTA3079-4N4-45-AA			2	1.88	8.65	4.51	0.63	4.00	1.13	45.0	45TD30	345
SWCTA3087-2N-15-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	8.91	4.39	0.63	2.00	1.00	15.0	45TD30	230
SWCTA3087-2N-45-AA			1	1.88	8.15	4.01	0.63	2.00	1.00	45.0	45TD30	230
SWCTA3087-4N-15-AA			2	1.88	8.91	4.39	0.63	3.00	0.63	15.0	45TD30	345
SWCTA3087-4N-45-AA			2	1.88	8.15	4.01	0.63	3.00	0.63	45.0	45TD30	345
SWCTA3087-4N4-15-AA			2	1.88	9.41	4.89	0.63	4.00	1.13	15.0	45TD30	345
SWCTA3087-4N4-45-AA			2	1.88	8.65	4.51	0.63	4.00	1.13	45.0	45TD30	345
SWCTA3290-2N-15-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	9.03	4.36	0.75	2.00	1.00	15.0	45TD32	230
SWCTA3290-2N-45-AA			1	2.00	8.19	3.88	0.75	2.00	1.00	45.0	45TD32	230
SWCTA3290-4N-15-AA			2	2.00	9.03	4.36	0.75	3.00	0.63	15.0	45TD32	345
SWCTA3290-4N-45-AA			2	2.00	8.19	3.88	0.75	3.00	0.63	45.0	45TD32	345
SWCTA3290-4N4-15-AA			2	2.00	10.03	5.36	0.75	4.00	1.13	15.0	45TD32	345
SWCTA3290-4N4-45-AA			2	2.00	9.19	4.88	0.75	4.00	1.13	45.0	45TD32	345

continued
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TYPE SWCTA-AA

Swage Cable Angled Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA3295-2N-15-AA	954	795 (30/19), 900 (45/7)	1	2.00	9.03	4.36	0.75	2.00	1.00	15.0	45TD32	230
SWCTA3295-2N-45-AA			1	2.00	8.19	3.88	0.75	2.00	1.00	45.0	45TD32	230
SWCTA3295-4N-15-AA			2	2.00	9.03	4.36	0.75	3.00	0.63	15.0	45TD32	345
SWCTA3295-4N-45-AA			2	2.00	8.19	3.88	0.75	3.00	0.63	45.0	45TD32	345
SWCTA3295-4N4-15-AA			2	2.00	10.03	5.36	0.75	4.00	1.13	15.0	45TD32	345
SWCTA3295-4N4-45-AA			2	2.00	9.19	4.88	0.75	4.00	1.13	45.0	45TD32	345
SWCTA32100-2N-15-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	9.03	4.36	0.75	2.00	1.00	15.0	45TD32	230
SWCTA32100-2N-45-AA			1	2.00	8.19	3.88	0.75	2.00	1.00	45.0	45TD32	230
SWCTA32100-4N-15-AA			2	2.00	9.03	4.36	0.75	3.00	0.63	15.0	45TD32	345
SWCTA32100-4N-45-AA			2	2.00	8.19	3.88	0.75	3.00	0.63	45.0	45TD32	345
SWCTA32100-4N4-15-AA			2	2.00	10.03	5.36	0.75	4.00	1.13	15.0	45TD32	345
SWCTA32100-4N4-45-AA			2	2.00	9.19	4.88	0.75	4.00	1.13	45.0	45TD32	345
SWCTA32103-4N-15-AA	1033.5	954 (54/7)	2	2.00	9.03	4.36	0.75	3.00	0.63	15.0	45TD32	345
SWCTA32103-4N-45-AA			2	2.00	8.19	3.88	0.75	3.00	0.63	45.0	45TD32	345
SWCTA32103-4N4-15-AA			2	2.00	10.03	5.36	0.75	4.00	1.13	15.0	45TD32	345
SWCTA32103-4N4-45-AA			2	2.00	9.19	4.88	0.75	4.00	1.13	45.0	45TD32	345
SWCTA32111-4N-15-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	9.03	4.36	0.75	3.00	0.63	15.0	45TD32	345
SWCTA32111-4N-45-AA			2	2.00	8.19	3.88	0.75	3.00	0.63	45.0	45TD32	345
SWCTA32111-4N4-15-AA			2	2.00	10.03	5.36	0.75	4.00	1.13	15.0	45TD32	345
SWCTA32111-4N4-45-AA			2	2.00	9.19	4.88	0.75	4.00	1.13	45.0	45TD32	345
SWCTA36119-4N-15-AA	1192.5	1113 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36119-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36119-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36119-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36127-4N-15-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36127-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36127-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36127-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36135-4N-15-AA	1351.5	1192.5 (54/19), 1272 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36135-4N-30-AA			2	2.25	9.41	4.31	0.75	3.00	0.63	30.0	45TD36	345
SWCTA36135-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36135-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36135-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36143-4N-15-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36143-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36143-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36143-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345

continued
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TYPE SWCTA-AA

Swage Cable Angled Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)							DIE SIZE	VOLTAGE RATING (kV)
	AAC	ACSR		A	B	C	D	E	F	G		
SWCTA36151-4N-15-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36151-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36151-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36151-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36159-4N-15-AA	1590	1431 (54/19), 1510.5 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36159-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36159-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36159-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36175-4N-15-AA	1750	1510.5 (54/19), 1590 (45/7)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36175-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36175-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36175-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA36180-4N-15-AA	1800	1590 (54/19)	2	2.25	9.67	4.57	0.75	3.00	0.63	15.0	45TD36	345
SWCTA36180-4N-45-AA			2	2.25	8.87	4.11	0.75	3.00	0.63	45.0	45TD36	345
SWCTA36180-4N4-15-AA			2	2.25	10.17	5.07	0.75	4.00	1.13	15.0	45TD36	345
SWCTA36180-4N4-45-AA			2	2.25	9.37	4.61	0.75	4.00	1.13	45.0	45TD36	345
SWCTA44200-4N-15-AA	2000	1780 (84/19)	2	2.75	10.31	4.49	1.00	3.00	0.63	15.0	65TD44	345
SWCTA44200-4N-45-AA			2	2.75	9.60	4.08	1.00	3.00	0.63	45.0	65TD44	345
SWCTA44200-4N4-15-AA			2	2.75	10.81	4.99	1.00	4.00	1.13	15.0	65TD44	345
SWCTA44200-4N4-45-AA			2	2.75	10.10	4.58	1.00	4.00	1.13	45.0	65TD44	345
SWCTA44230-4N-15-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	10.31	4.49	1.00	3.00	0.63	15.0	65TD44	345
SWCTA44230-4N-45-AA			2	2.75	9.60	4.08	1.00	3.00	0.63	45.0	65TD44	345
SWCTA44230-4N4-15-AA			2	2.75	10.81	4.99	1.00	4.00	1.13	15.0	65TD44	345
SWCTA44230-4N4-45-AA			2	2.75	10.10	4.58	1.00	4.00	1.13	45.0	65TD44	345
SWCTA44250-4N-15-AA	2500	2312 (76/19)	2	2.75	10.31	4.49	1.00	3.00	0.63	15.0	65TD44	345
SWCTA44250-4N-45-AA			2	2.75	9.60	4.08	1.00	3.00	0.63	45.0	65TD44	345
SWCTA44250-4N4-15-AA			2	2.75	10.81	4.99	1.00	4.00	1.13	15.0	65TD44	345
SWCTA44250-4N4-45-AA			2	2.75	10.10	4.58	1.00	4.00	1.13	45.0	65TD44	345

TYPE SWCTA-90-AA

Swage Cable 90-Degree Terminal

A swage type cable 90 degree terminal on a nema pad.

Material

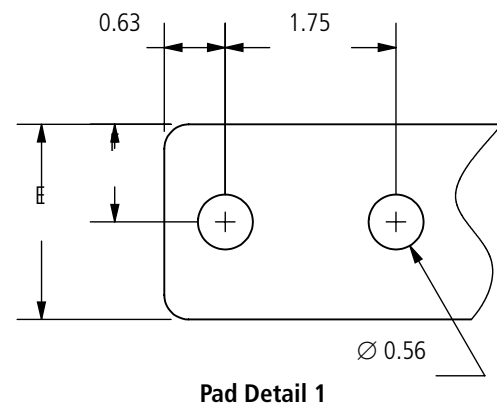
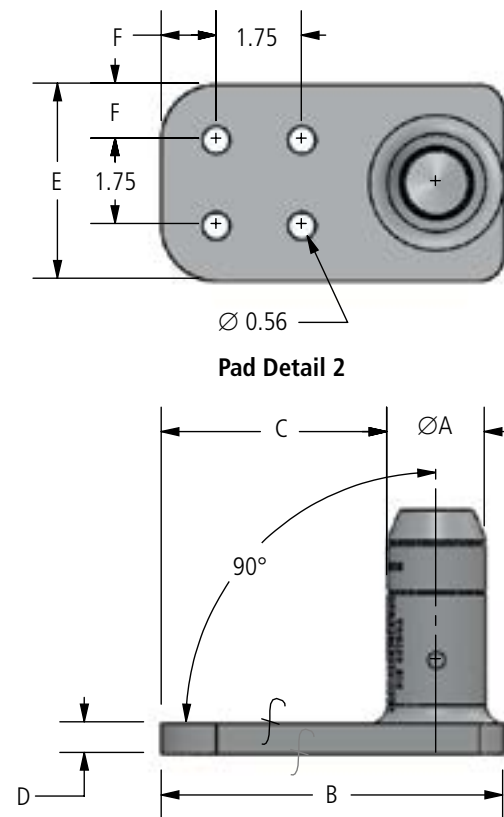
Aluminum Alloy

Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.

EX: SWCTA2026-4N-90-AA-SN

f—Machine Finish



Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTA1613-2N-90-AA	2/0	1/0 (6/1)	1	1.00	5.00	3.50	0.38	2.00	1.00	45TD16
SWCTA1613-4N-90-AA			2	1.00	5.00	3.50	0.38	3.00	0.63	45TD16
SWCTA1613-4N4-90-AA			2	1.00	6.00	4.50	0.38	4.00	1.13	45TD16
SWCTA1617-2N-90-AA	3/0	2/0 (6/1)	1	1.00	5.00	3.50	0.38	2.00	1.00	45TD16
SWCTA1617-4N-90-AA			2	1.00	5.00	3.50	0.38	3.00	0.63	45TD16
SWCTA1617-4N4-90-AA			2	1.00	6.00	4.50	0.38	4.00	1.13	45TD16

continued

TYPE SWCTA-90-AA

Swage Cable 90-Degree Terminal

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTA1621-2N-90-AA	4/0	3/0 (6/1)	1	1.00	5.00	3.50	0.38	2.00	1.00	45TD16
SWCTA1621-4N-90-AA			2	1.00	5.00	3.50	0.38	3.00	0.63	45TD16
SWCTA1621-4N4-90-AA			2	1.00	6.00	4.50	0.38	4.00	1.13	45TD16
SWCTA1625-2N-90-AA	250	4/0 (6/1)	1	1.00	5.00	3.50	0.38	2.00	1.00	45TD16
SWCTA1625-4N-90-AA			2	1.00	5.00	3.50	0.38	3.00	0.63	45TD16
SWCTA1625-4N4-90-AA			2	1.00	6.00	4.50	0.38	4.00	1.13	45TD16
SWCTA2026-2N-90-AA	266.8	266.8 (18/1)	1	1.25	6.00	4.50	0.63	2.00	1.00	45TD20
SWCTA2026-4N-90-AA			2	1.25	5.50	4.00	0.63	3.00	0.63	45TD20
SWCTA2026-4N4-90-AA			2	1.25	6.50	5.00	0.63	4.00	1.13	45TD20
SWCTA2030-2N-90-AA	300	266.8 (26/7)	1	1.25	6.00	4.50	0.63	2.00	1.00	45TD20
SWCTA2030-4N-90-AA			2	1.25	5.50	4.00	0.63	3.00	0.63	45TD20
SWCTA2030-4N4-90-AA			2	1.25	6.50	5.00	0.63	4.00	1.13	45TD20
SWCTA2035-2N-90-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	6.00	4.50	0.63	2.00	1.00	45TD20
SWCTA2035-4N-90-AA			2	1.25	5.50	4.00	0.63	3.00	0.63	45TD20
SWCTA2035-4N4-90-AA			2	1.25	6.50	5.00	0.63	4.00	1.13	45TD20
SWCTA2039-2N-90-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	5.00	3.50	0.63	2.00	1.00	45TD20
SWCTA2039-4N-90-AA			2	1.25	5.50	4.00	0.63	3.00	0.63	45TD20
SWCTA2039-4N4-90-AA			2	1.25	6.50	5.00	0.63	4.00	1.13	45TD20
SWCTA2445-2N-90-AA	450	397.5 (24/7), 397.5 (25/7)	1	1.50	6.00	4.13	0.63	2.00	1.00	45TD24
SWCTA2445-4N-90-AA			2	1.50	6.00	4.13	0.63	3.00	0.63	45TD24
SWCTA2445-4N4-90-AA			2	1.50	6.50	4.63	0.63	4.00	1.13	45TD24
SWCTA2447-2N-90-AA	477	397.5 (30/7)	1	1.50	6.00	4.13	0.63	2.00	1.00	45TD24
SWCTA2447-4N-90-AA			2	1.50	6.00	4.13	0.63	3.00	0.63	45TD24
SWCTA2447-4N4-90-AA			2	1.50	6.50	4.63	0.63	4.00	1.13	45TD24
SWCTA2450-2N-90-AA	500	477 (18/1)	1	1.50	6.00	4.13	0.63	2.00	1.00	45TD24
SWCTA2450-4N-90-AA			2	1.50	6.00	4.13	0.63	3.00	0.63	45TD24
SWCTA2450-4N4-90-AA			2	1.50	6.50	4.63	0.63	4.00	1.13	45TD24
SWCTA2455-2N-90-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	6.00	4.13	0.63	2.00	1.00	45TD24
SWCTA2455-4N-90-AA			2	1.50	6.00	4.13	0.63	3.00	0.63	45TD24
SWCTA2455-4N4-90-AA			2	1.50	6.50	4.63	0.63	4.00	1.13	45TD24
SWCTA2860-2N-90-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	6.00	3.88	0.63	2.00	1.00	45TD28
SWCTA2860-4N-90-AA			2	1.75	6.00	3.88	0.63	3.00	0.63	45TD28
SWCTA2860-4N4-90-AA			2	1.75	7.00	4.88	0.63	4.00	1.13	45TD28
SWCTA2863-2N-90-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	5.50	3.38	0.63	2.00	1.00	45TD28
SWCTA2863-4N-90-AA			2	1.75	6.00	3.88	0.63	3.00	0.63	45TD28
SWCTA2863-4N4-90-AA			2	1.75	7.00	4.88	0.63	4.00	1.13	45TD28
SWCTA2871-2N-90-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	5.50	3.38	0.63	2.00	1.00	45TD28
SWCTA2871-4N-90-AA			2	1.75	6.00	3.88	0.63	3.00	0.63	45TD28
SWCTA2871-4N4-90-AA			2	1.75	7.00	4.88	0.63	4.00	1.13	45TD28
SWCTA3075-2N-90-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	6.00	3.75	0.63	2.00	1.00	45TD30
SWCTA3075-4N-90-AA			2	1.88	6.00	3.75	0.63	3.00	0.63	45TD30
SWCTA3075-4N4-90-AA			2	1.88	7.00	4.75	0.63	4.00	1.13	45TD30

continued



TYPE SWCTA-90-AA

Swage Cable 90-Degree Terminal

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSIONS (inches)						DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	
SWCTA3079-2N-90-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	6.00	3.75	0.63	2.00	1.00	45TD30
SWCTA3079-4N-90-AA			2	1.88	6.00	3.75	0.63	3.00	0.63	45TD30
SWCTA3079-4N4-90-AA			2	1.88	7.00	4.75	0.63	4.00	1.13	45TD30
SWCTA3087-2N-90-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	6.00	3.75	0.63	2.00	1.00	45TD30
SWCTA3087-4N-90-AA			2	1.88	6.00	3.75	0.63	3.00	0.63	45TD30
SWCTA3087-4N4-90-AA			2	1.88	7.00	4.75	0.63	4.00	1.13	45TD30
SWCTA3290-2N-90-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	6.00	3.63	0.75	2.00	1.00	45TD32
SWCTA3290-4N-90-AA			2	2.00	6.50	4.13	0.75	3.00	0.63	45TD32
SWCTA3290-4N4-90-AA			2	2.00	7.00	4.63	0.75	4.00	1.13	45TD32
SWCTA3295-2N-90-AA	954	795 (30/19), 900 (45/7)	1	2.00	6.00	3.63	0.75	2.00	1.00	45TD32
SWCTA3295-4N-90-AA			2	2.00	6.50	4.13	0.75	3.00	0.63	45TD32
SWCTA3295-4N4-90-AA			2	2.00	7.00	4.63	0.75	4.00	1.13	45TD32
SWCTA32100-2N-90-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	6.00	3.63	0.75	2.00	1.00	45TD32
SWCTA32100-4N-90-AA			2	2.00	6.50	4.13	0.75	3.00	0.63	45TD32
SWCTA32100-4N4-90-AA			2	2.00	7.00	4.63	0.75	4.00	1.13	45TD32
SWCTA32103-4N-90-AA	1033.5	954 (54/7)	2	2.00	6.50	4.13	0.75	3.00	0.63	45TD32
SWCTA32103-4N4-90-AA			2	2.00	7.00	4.63	0.75	4.00	1.13	45TD32
SWCTA32111-4N-90-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	6.00	3.63	0.75	3.00	0.63	45TD32
SWCTA32111-4N4-90-AA			2	2.00	7.00	4.63	0.75	4.00	1.13	45TD32
SWCTA36119-4N-90-AA	1192.5	1113 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36119-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36127-2N-90-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	6.50	3.88	0.75	2.00	1.00	45TD36
SWCTA36127-4N-90-AA			2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36127-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36135-4N-90-AA	1351.5	1192.5 (54/19), 1272 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36135-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36143-4N-90-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36143-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36151-4N-90-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36151-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36159-4N-90-AA	1590	1431 (54/19), 1510.5 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36159-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36175-4N-90-AA	1750	1510.5 (54/19), 1590 (45/7)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36175-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA36180-4N-90-AA	1800	1590 (54/19)	2	2.25	6.50	3.88	0.75	3.00	0.63	45TD36
SWCTA36180-4N4-90-AA			2	2.25	7.50	4.88	0.75	4.00	1.13	45TD36
SWCTA44200-4N-90-AA	2000	1780 (84/19)	2	2.75	7.00	3.88	1.00	3.00	0.63	65TD44
SWCTA44200-4N4-90-AA			2	2.75	8.00	4.88	1.00	4.00	1.13	65TD44
SWCTA44230-4N-90-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	7.00	3.88	1.00	3.00	0.63	65TD44
SWCTA44230-4N4-90-AA			2	2.75	8.00	4.88	1.00	4.00	1.13	65TD44
SWCTA44250-4N-90-AA	2500	2312 (76/19)	2	2.75	7.00	3.88	1.00	3.00	0.63	65TD44
SWCTA44250-4N4-90-AA			2	2.75	8.00	4.88	1.00	4.00	1.13	65TD44

TYPE SW2CT-AA

Swage Two Offset Cable Terminal

A swage type two cable offset terminals on a nema pad.

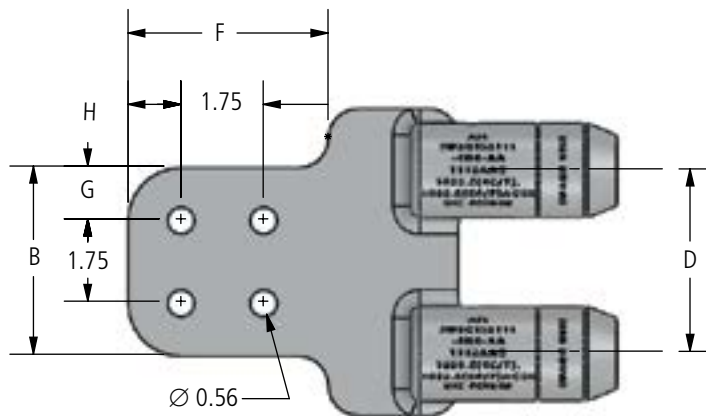
Material

Aluminum Alloy

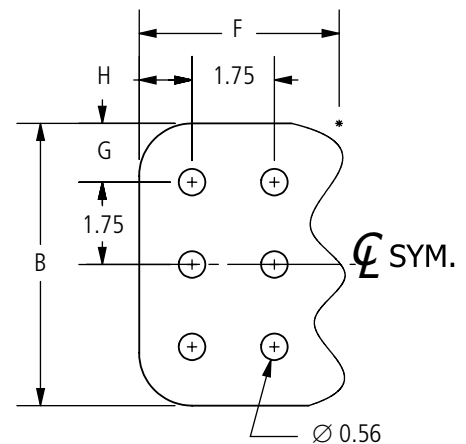
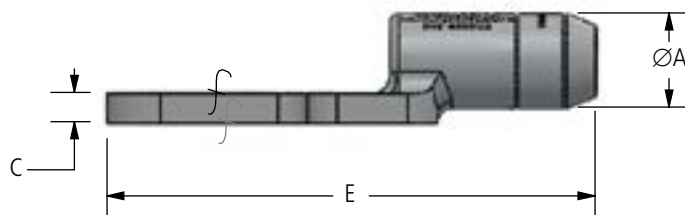
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW2CT2026-4N-AA-SN
- For 5 inch, 8 inch or 18 inch cable spacing add "-XX" to AFL No.
EX: SW2CT2026-18-4N-AA

f—Machine Finish



Pad Detail 1



Pad Detail 2

continued
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TYPE SW2CT-AA

Swage Two Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CT1613-4N-AA	2/0	1/0 (6/1)	1	1.00	3.00	0.50	2.75	7.75	3.25	0.63	0.63	45TD16
SW2CT1613-4N4-AA			1	1.00	4.00	0.50	2.75	8.75	4.25	1.13	1.13	45TD16
SW2CT1613-5N4-AA			2	1.00	5.00	0.50	2.75	8.75	4.25	0.75	1.13	45TD16
SW2CT1613-6N4-AA			2	1.00	6.00	0.50	2.75	8.75	4.25	1.25	1.13	45TD16
SW2CT1617-4N-AA	3/0	2/0 (6/1)	1	1.00	3.00	0.50	2.75	7.75	3.25	0.63	0.63	45TD16
SW2CT1617-4N4-AA			1	1.00	4.00	0.50	2.75	8.75	4.25	1.13	1.13	45TD16
SW2CT1617-5N4-AA			2	1.00	5.00	0.50	2.75	8.75	4.25	0.75	1.13	45TD16
SW2CT1617-6N4-AA			2	1.00	6.00	0.50	2.75	8.75	4.25	1.25	1.13	45TD16
SW2CT1621-4N-AA	4/0	3/0 (6/1)	1	1.00	3.00	0.50	2.75	7.75	3.25	0.63	0.63	45TD16
SW2CT1621-4N4-AA			1	1.00	4.00	0.50	2.75	8.75	4.25	1.13	1.13	45TD16
SW2CT1621-5N4-AA			2	1.00	5.00	0.50	2.75	8.75	4.25	0.75	1.13	45TD16
SW2CT1621-6N4-AA			2	1.00	6.00	0.50	2.75	8.75	4.25	1.25	1.13	45TD16
SW2CT1625-4N-AA	250	4/0 (6/1)	1	1.00	3.00	0.50	2.75	7.75	3.25	0.63	0.63	45TD16
SW2CT1625-4N4-AA			1	1.00	4.00	0.50	2.75	8.75	4.25	1.13	1.13	45TD16
SW2CT1625-5N4-AA			2	1.00	5.00	0.50	2.75	8.75	4.25	0.75	1.13	45TD16
SW2CT1625-6N4-AA			2	1.00	6.00	0.50	2.75	8.75	4.25	1.25	1.13	45TD16
SW2CT2026-4N-AA	266.8	266.8 (18/1)	1	1.25	3.00	0.50	2.75	8.25	3.25	0.63	0.63	45TD20
SW2CT2026-4N4-AA			1	1.25	4.00	0.50	2.75	9.25	4.25	1.13	1.13	45TD20
SW2CT2026-5N4-AA			2	1.25	5.00	0.50	2.75	9.25	4.25	0.75	1.13	45TD20
SW2CT2026-6N4-AA			2	1.25	6.00	0.50	2.75	9.25	4.25	1.25	1.13	45TD20
SW2CT2030-4N-AA	300	266.8 (26/7)	1	1.25	3.00	0.50	2.75	8.25	3.25	0.63	0.63	45TD20
SW2CT2030-4N4-AA			1	1.25	4.00	0.50	2.75	9.25	4.25	1.13	1.13	45TD20
SW2CT2030-5N4-AA			2	1.25	5.00	0.50	2.75	9.25	4.25	0.75	1.13	45TD20
SW2CT2030-6N4-AA			2	1.25	6.00	0.50	2.75	9.25	4.25	1.25	1.13	45TD20
SW2CT2035-4N-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	3.00	0.50	2.75	8.25	3.25	0.63	0.63	45TD20
SW2CT2035-4N4-AA			1	1.25	4.00	0.50	2.75	9.25	4.25	1.13	1.13	45TD20
SW2CT2035-5N4-AA			2	1.25	5.00	0.50	2.75	9.25	4.25	0.75	1.13	45TD20
SW2CT2035-6N4-AA			2	1.25	6.00	0.50	2.75	9.25	4.25	1.25	1.13	45TD20
SW2CT2039-4N-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	3.00	0.50	2.75	8.25	3.25	0.63	0.63	45TD20
SW2CT2039-4N4-AA			1	1.25	4.00	0.50	2.75	9.25	4.25	1.13	1.13	45TD20
SW2CT2039-5N4-AA			2	1.25	5.00	0.50	2.75	9.25	4.25	0.75	1.13	45TD20
SW2CT2039-6N4-AA			2	1.25	6.00	0.50	2.75	9.25	4.25	1.25	1.13	45TD20
SW2CT2445-4N-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	3.00	0.50	3.63	8.38	3.25	0.63	0.63	45TD24
SW2CT2445-4N4-AA			1	1.50	4.00	0.50	3.63	9.38	4.25	1.13	1.13	45TD24
SW2CT2445-5N4-AA			2	1.50	5.00	0.50	3.63	9.38	4.25	0.75	1.13	45TD24
SW2CT2445-6N4-AA			2	1.50	6.00	0.50	3.63	10.38	4.25	1.25	1.13	45TD24
SW2CT2447-4N-AA	477	397.5 (30/7)	1	1.50	3.00	0.50	3.63	8.38	3.25	0.63	0.63	45TD24
SW2CT2447-4N4-AA			1	1.50	4.00	0.50	3.63	9.38	4.25	1.13	1.13	45TD24
SW2CT2447-5N4-AA			2	1.50	5.00	0.50	3.63	9.38	4.25	0.75	1.13	45TD24
SW2CT2447-6N4-AA			2	1.50	6.00	0.50	3.63	10.38	4.25	1.25	1.13	45TD24
SW2CT2450-4N-AA	500	477 (18/1)	1	1.50	3.00	0.50	3.63	8.38	3.25	0.63	0.63	45TD24
SW2CT2450-4N4-AA			1	1.50	4.00	0.50	3.63	9.38	4.25	1.13	1.13	45TD24
SW2CT2450-5N4-AA			2	1.50	5.00	0.50	3.63	9.38	4.25	0.75	1.13	45TD24
SW2CT2450-6N4-AA			2	1.50	6.00	0.50	3.63	10.38	4.25	1.25	1.13	45TD24
SW2CT2455-4N-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	3.00	0.50	3.63	8.38	3.25	0.63	0.63	45TD24
SW2CT2455-4N4-AA			1	1.50	4.00	0.50	3.63	9.38	4.25	1.13	1.13	45TD24
SW2CT2455-5N4-AA			2	1.50	5.00	0.50	3.63	9.38	4.25	0.75	1.13	45TD24
SW2CT2455-6N4-AA			2	1.50	6.00	0.50	3.63	10.38	4.25	1.25	1.13	45TD24

continued
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TYPE SW2CT-AA

Swage Two Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CT2860-4N-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	3.00	0.63	3.75	9.25	3.25	0.63	0.63	45TD28
SW2CT2860-4N4-AA			1	1.75	4.00	0.63	3.75	11.25	4.25	1.13	1.13	45TD28
SW2CT2860-5N4-AA			2	1.75	5.00	0.63	3.75	11.25	4.25	0.75	1.13	45TD28
SW2CT2860-6N4-AA			2	1.75	6.00	0.63	3.75	10.25	4.25	1.25	1.13	45TD28
SW2CT2863-4N-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	3.00	0.63	3.75	9.25	3.25	0.63	0.63	45TD28
SW2CT2863-4N4-AA			1	1.75	4.00	0.63	3.75	11.25	4.25	1.13	1.13	45TD28
SW2CT2863-5N4-AA			2	1.75	5.00	0.63	3.75	11.25	4.25	0.75	1.13	45TD28
SW2CT2863-6N4-AA			2	1.75	6.00	0.63	3.75	10.25	4.25	1.25	1.13	45TD28
SW2CT2871-4N-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	3.00	0.63	3.75	9.25	3.25	0.63	0.63	45TD28
SW2CT2871-4N4-AA			1	1.75	4.00	0.63	3.75	11.25	4.25	1.13	1.13	45TD28
SW2CT2871-5N4-AA			2	1.75	5.00	0.63	3.75	11.25	4.25	0.75	1.13	45TD28
SW2CT2871-6N4-AA			2	1.75	6.00	0.63	3.75	10.25	4.25	1.25	1.13	45TD28
SW2CT3075-4N-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	3.00	0.63	3.88	9.25	3.25	0.63	0.63	45TD30
SW2CT3075-4N4-AA			1	1.88	4.00	0.63	3.88	11.25	4.25	1.13	1.13	45TD30
SW2CT3075-5N4-AA			2	1.88	5.00	0.63	3.88	11.25	4.25	0.75	1.13	45TD30
SW2CT3075-6N4-AA			2	1.88	6.00	0.63	3.88	10.25	4.25	1.25	1.13	45TD30
SW2CT3079-4N-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	3.00	0.63	3.88	9.25	3.25	0.63	0.63	45TD30
SW2CT3079-4N4-AA			1	1.88	4.00	0.63	3.88	11.25	4.25	1.13	1.13	45TD30
SW2CT3079-5N4-AA			2	1.88	5.00	0.63	3.88	11.25	4.25	0.75	1.13	45TD30
SW2CT3079-6N4-AA			2	1.88	6.00	0.63	3.88	10.25	4.25	1.25	1.13	45TD30
SW2CT3087-4N-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	3.00	0.63	3.88	9.25	3.25	0.63	0.63	45TD30
SW2CT3087-4N4-AA			1	1.88	4.00	0.63	3.88	11.25	4.25	1.13	1.13	45TD30
SW2CT3087-5N4-AA			2	1.88	5.00	0.63	3.88	11.25	4.25	0.75	1.13	45TD30
SW2CT3087-6N4-AA			2	1.88	6.00	0.63	3.88	10.25	4.25	1.25	1.13	45TD30
SW2CT3290-4N-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	3.00	0.63	3.88	9.37	3.25	0.63	0.63	45TD32
SW2CT3290-4N4-AA			1	2.00	4.00	0.63	3.88	11.38	4.25	1.13	1.13	45TD32
SW2CT3290-5N4-AA			2	2.00	5.00	0.63	3.88	11.38	4.25	0.75	1.13	45TD32
SW2CT3290-6N4-AA			2	2.00	6.00	0.63	3.88	10.38	4.25	1.25	1.13	45TD32
SW2CT3295-4N-AA	954	795 (30/19), 900 (45/7)	1	2.00	3.00	0.63	3.88	9.38	3.25	0.63	0.63	45TD32
SW2CT3295-4N4-AA			1	2.00	4.00	0.63	3.88	11.38	4.25	1.13	1.13	45TD32
SW2CT3295-5N4-AA			2	2.00	5.00	0.63	3.88	11.38	4.25	0.75	1.13	45TD32
SW2CT3295-6N4-AA			2	2.00	6.00	0.63	3.88	10.38	4.25	1.25	1.13	45TD32
SW2CT32100-4N-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	3.00	0.63	3.88	9.38	3.25	0.63	0.63	45TD32
SW2CT32100-4N4-AA			1	2.00	4.00	0.63	3.88	11.38	4.25	1.13	1.13	45TD32
SW2CT32100-5N4-AA			2	2.00	5.00	0.63	3.88	11.38	4.25	0.75	1.13	45TD32
SW2CT32100-6N4-AA			2	2.00	6.00	0.63	3.88	10.38	4.25	1.25	1.13	45TD32
SW2CT32103-4N-AA	1033.5	954 (54/7)	1	2.00	3.00	0.63	3.88	9.38	3.25	0.63	0.63	45TD32
SW2CT32103-4N4-AA			1	2.00	4.00	0.63	3.88	11.38	4.25	1.13	1.13	45TD32
SW2CT32103-5N4-AA			2	2.00	5.00	0.63	3.88	11.38	4.25	0.75	1.13	45TD32
SW2CT32103-6N4-AA			2	2.00	6.00	0.63	3.88	10.38	4.25	1.25	1.13	45TD32
SW2CT32111-4N-AA	1113	1033.5 (45/7), 1033.5 (54/7)	1	2.00	3.00	0.63	3.88	9.38	3.25	0.63	0.63	45TD32
SW2CT32111-4N4-AA			1	2.00	4.00	0.63	3.88	11.38	4.25	1.13	1.13	45TD32
SW2CT32111-5N4-AA			2	2.00	5.00	0.63	3.88	11.38	4.25	0.75	1.13	45TD32
SW2CT32111-6N4-AA			2	2.00	6.00	0.63	3.88	10.38	4.25	1.25	1.13	45TD32

continued
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TYPE SW2CT-AA

Swage Two Offset Cable Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CT36119-4N-AA	1192.5	1113 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36119-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36119-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36119-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36127-4N-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36127-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36127-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36127-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36135-4N-AA	1351.5	1192.5 (54/19), 1272 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36135-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36135-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36135-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36143-4N-AA	1431	1272 (54/19), 1351.5 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36143-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36143-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36143-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36151-4N-AA	1510.5	1351.5 (54/19), 1431 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36151-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36151-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36151-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36159-4N-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36159-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36159-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36159-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36175-4N-AA	1750	1510.5 (54/19), 1590 (45/7)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36175-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36175-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36175-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT36180-4N-AA	1800	1590 (54/19)	1	2.25	3.00	0.75	4.00	9.75	3.25	0.63	0.63	45TD36
SW2CT36180-4N4-AA			1	2.25	4.00	0.75	4.00	11.75	4.25	1.13	1.13	45TD36
SW2CT36180-5N4-AA			2	2.25	5.00	0.75	4.00	11.75	4.25	0.75	1.13	45TD36
SW2CT36180-6N4-AA			2	2.25	6.00	0.75	4.00	11.75	4.25	1.25	1.13	45TD36
SW2CT44200-4N-AA	2000	1780 (84/19)	1	2.75	3.00	1.00	5.50	12.38	3.25	0.63	0.63	65TD44
SW2CT44200-4N4-AA			1	2.75	4.00	1.00	5.50	12.38	4.25	1.13	1.13	65TD44
SW2CT44200-5N4-AA			2	2.75	5.00	1.00	5.50	12.38	4.25	0.75	1.13	65TD44
SW2CT44200-6N4-AA			2	2.75	6.00	1.00	5.50	12.38	4.25	1.25	1.13	65TD44
SW2CT44230-4N-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	3.00	1.00	5.50	12.38	3.25	0.63	0.63	65TD44
SW2CT44230-4N4-AA			1	2.75	4.00	1.00	5.50	12.38	4.25	1.13	1.13	65TD44
SW2CT44230-5N4-AA			2	2.75	5.00	1.00	5.50	12.38	4.25	0.75	1.13	65TD44
SW2CT44230-6N4-AA			2	2.75	6.00	1.00	5.50	12.38	4.25	1.25	1.13	65TD44
SW2CT44250-4N-AA	2500	2312 (76/19)	1	2.75	3.00	1.00	5.50	12.38	3.25	0.63	0.63	65TD44
SW2CT44250-4N4-AA			1	2.75	4.00	1.00	5.50	12.38	4.25	1.13	1.13	65TD44
SW2CT44250-5N4-AA			2	2.75	5.00	1.00	5.50	12.38	4.25	0.75	1.13	65TD44
SW2CT44250-6N4-AA			2	2.75	6.00	1.00	5.50	12.38	4.25	1.25	1.13	65TD44

TYPE SW2CTA-30-AA

Swage Two Cable 30-Degree Terminal

A swage type two cable angled terminals on a nema pad.

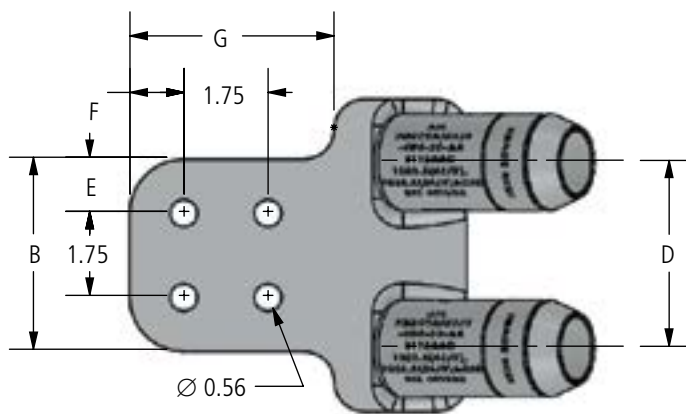
Material

Aluminum Alloy

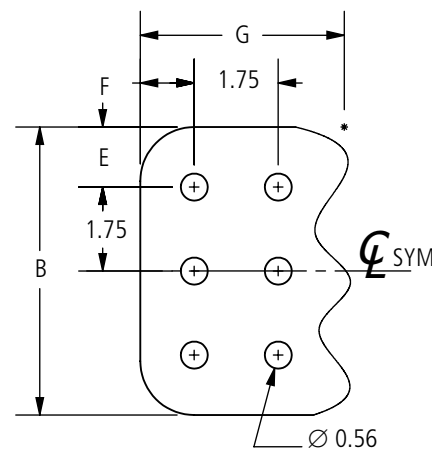
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW2CTA2026-4N-30-AA-SN
- For 5 inch, 8 inch or 18 inch cable spacing add "-XX" to AFL No.
EX: SW2CTA2026-18-4N-30-AA

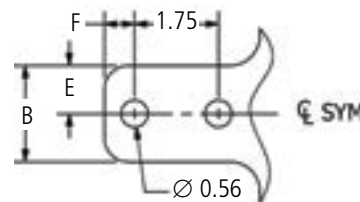
f—Machine Finish



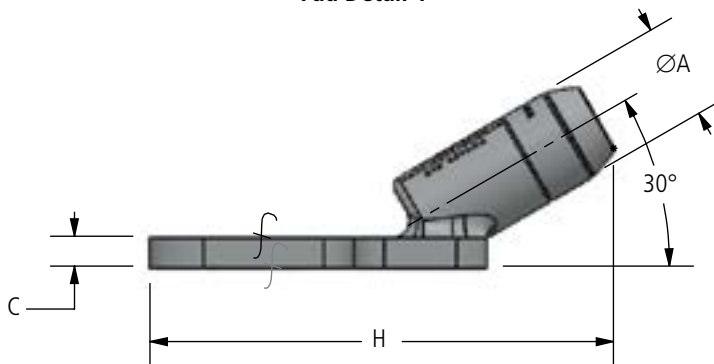
Pad Detail 1



Pad Detail 2



Pad Detail 3



continued

TYPE SW2CTA-30-AA

Swage Two Cable 30-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE	VOLTAGE RATING
	AAC	ACSR		A	B	C	D	E	F	G	H		
SW2CTA1613-4N-30-AA	2/0	1/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	7.25	45TD16	230 kV
SW2CTA1613-4N4-30-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1613-5N4-30-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1613-6N4-30-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1617-4N-30-AA	3/0	2/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	7.25	45TD16	230 kV
SW2CTA1617-4N4-30-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1617-5N4-30-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1617-6N4-30-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1621-4N-30-AA	4/0	3/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	7.25	45TD16	230 kV
SW2CTA1621-4N4-30-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1621-5N4-30-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1621-6N4-30-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1625-4N-30-AA	250	4/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	7.25	45TD16	230 kV
SW2CTA1625-4N4-30-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1625-5N4-30-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	8.25	45TD16	230 kV
SW2CTA1625-6N4-30-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	8.25	45TD16	230 kV
SW2CTA2026-4N-30-AA	266.8	266.8 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.53	45TD20	345 kV
SW2CTA2026-4N4-30-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.53	45TD20	345 kV
SW2CTA2026-5N4-30-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2026-6N4-30-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2030-4N-30-AA	300	266.8 (26/7)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.53	45TD20	345 kV
SW2CTA2030-4N4-30-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.53	45TD20	345 kV
SW2CTA2030-5N4-30-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2030-6N4-30-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2035-4N-30-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.53	45TD20	345 kV
SW2CTA2035-4N4-30-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.53	45TD20	345 kV
SW2CTA2035-5N4-30-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2035-6N4-30-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2039-4N-30-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.53	45TD20	345 kV
SW2CTA2039-4N4-30-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.53	45TD20	345 kV
SW2CTA2039-5N4-30-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2039-6N4-30-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.54	45TD20	345 kV
SW2CTA2445-2N-30-AA	450	397.5 (24/7), 397.5 (26/7)	3	1.50	2.00	0.50	3.88	1.00	0.63	3.25	7.24	45TD24	230 kV
SW2CTA2445-4N-30-AA			1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.61	45TD24	345 kV
SW2CTA2445-4N4-30-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2445-5N4-30-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2445-6N4-30-AA	477	397.5 (30/7)	2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.61	45TD24	345 kV
SW2CTA2447-4N-30-AA			1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.61	45TD24	345 kV
SW2CTA2447-4N4-30-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2447-5N4-30-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2447-6N4-30-AA	500	477 (18/1)	2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.61	45TD24	345 kV
SW2CTA2450-4N-30-AA			1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.61	45TD24	345 kV
SW2CTA2450-4N4-30-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2450-5N4-30-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2450-6N4-30-AA	556.5	477 (24/7), 477 (26/7)	2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.61	45TD24	345 kV
SW2CTA2455-4N-30-AA			1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.61	45TD24	345 kV
SW2CTA2455-4N4-30-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2455-5N4-30-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.61	45TD24	345 kV
SW2CTA2455-6N4-30-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.61	45TD24	345 kV

continued



TYPE SW2CTA-30-AA

Swage Two Cable 30-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE	VOLTAGE RATING
	AAC	ACSR		A	B	C	D	E	F	G	H		
SW2CTA2860-4N-30-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.67	45TD28	345 kV
SW2CTA2860-4N4-30-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2860-5N4-30-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2860-6N4-30-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.67	45TD28	345 kV
SW2CTA2863-4N-30-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.67	45TD28	345 kV
SW2CTA2863-4N4-30-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2863-5N4-30-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2863-6N4-30-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.67	45TD28	345 kV
SW2CTA2871-4N-30-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.67	45TD28	345 kV
SW2CTA2871-4N4-30-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2871-5N4-30-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.67	45TD28	345 kV
SW2CTA2871-6N4-30-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.67	45TD28	345 kV
SW2CTA3075-4N-30-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.61	45TD30	345 kV
SW2CTA3075-4N4-30-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3075-5N4-30-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3075-6N4-30-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.61	45TD30	345 kV
SW2CTA3079-4N-30-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.61	45TD30	345 kV
SW2CTA3079-4N4-30-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3079-5N4-30-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3079-6N4-30-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.61	45TD30	345 kV
SW2CTA3087-4N-30-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.61	45TD30	345 kV
SW2CTA3087-4N4-30-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3087-5N4-30-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.61	45TD30	345 kV
SW2CTA3087-6N4-30-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.61	45TD30	345 kV
SW2CTA3290-4N-30-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.66	45TD32	345 kV
SW2CTA3290-4N4-30-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.66	45TD32	345 kV
SW2CTA3290-5N4-30-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.66	45TD32	345 kV
SW2CTA3290-6N4-30-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.66	45TD32	345 kV
SW2CTA3295-4N-30-AA	954	795 (30/19), 900 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.66	45TD32	345 kV
SW2CTA3295-4N4-30-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.66	45TD32	345 kV
SW2CTA3295-5N4-30-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.66	45TD32	345 kV
SW2CTA3295-6N4-30-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.66	45TD32	345 kV
SW2CTA32100-4N-30-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.66	45TD32	345 kV
SW2CTA32100-4N4-30-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32100-5N4-30-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32100-6N4-30-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.66	45TD32	345 kV
SW2CTA32103-4N-30-AA	1033.5	954 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.66	45TD32	345 kV
SW2CTA32103-4N4-30-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32103-5N4-30-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32103-6N4-30-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.66	45TD32	345 kV
SW2CTA32111-4N-30-AA	1113	1033.5 (45/7), 1033.5 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.66	45TD32	345 kV
SW2CTA32111-4N4-30-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32111-5N4-30-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.66	45TD32	345 kV
SW2CTA32111-6N4-30-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.66	45TD32	345 kV

continued



TYPE SW2CTA-30-AA

Swage Two Cable 30-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE	VOLTAGE RATING
	AAC	ACSR		A	B	C	D	E	F	G	H		
SW2CTA36119-4N-30-AA	1192.5	1113 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36119-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36119-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36119-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36127-4N-30-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36127-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36127-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36127-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36135-4N-30-AA	1351.5	1192.5 (54/19), 1272 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36135-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36135-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36135-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36143-4N-30-AA	1431	1272 (54/19), 1351.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36143-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36143-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36143-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36151-4N-30-AA	1510.5	1351.5 (54/19), 1431 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36151-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36151-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36151-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36159-4N-30-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36159-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36159-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36159-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36175-4N-30-AA	1750	1510.5 (54/19), 1590 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36175-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36175-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36175-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36180-4N-30-AA	1800	1590 (54/19)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.86	45TD36	345 kV
SW2CTA36180-4N4-30-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36180-5N4-30-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.86	45TD36	345 kV
SW2CTA36180-6N4-30-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.86	45TD36	345 kV
SW2CTA44200-4N-30-AA	2000	1780 (84/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	11.12	65TD44	345 kV
SW2CTA44200-4N4-30-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44200-5N4-30-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44200-6N4-30-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44230-4N-30-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	11.12	65TD44	345 kV
SW2CTA44230-4N4-30-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44230-5N4-30-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44230-6N4-30-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44250-4N-30-AA	2500	2312 (76/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	11.12	65TD44	345 kV
SW2CTA44250-4N4-30-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44250-5N4-30-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	11.12	65TD44	345 kV
SW2CTA44250-6N4-30-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	11.12	65TD44	345 kV

TYPE SW2CTA-45-AA

Swage Two Cable 45-Degree Terminal

A swage type two cable angled terminals on a nema pad.

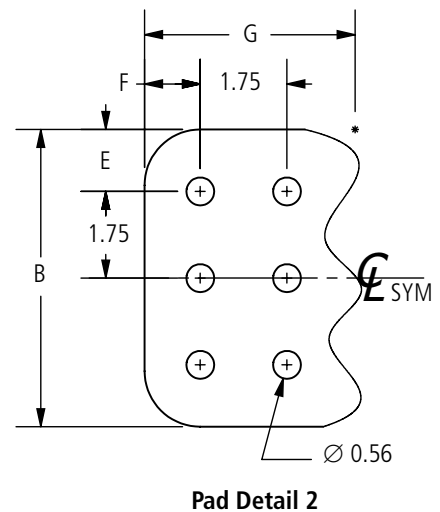
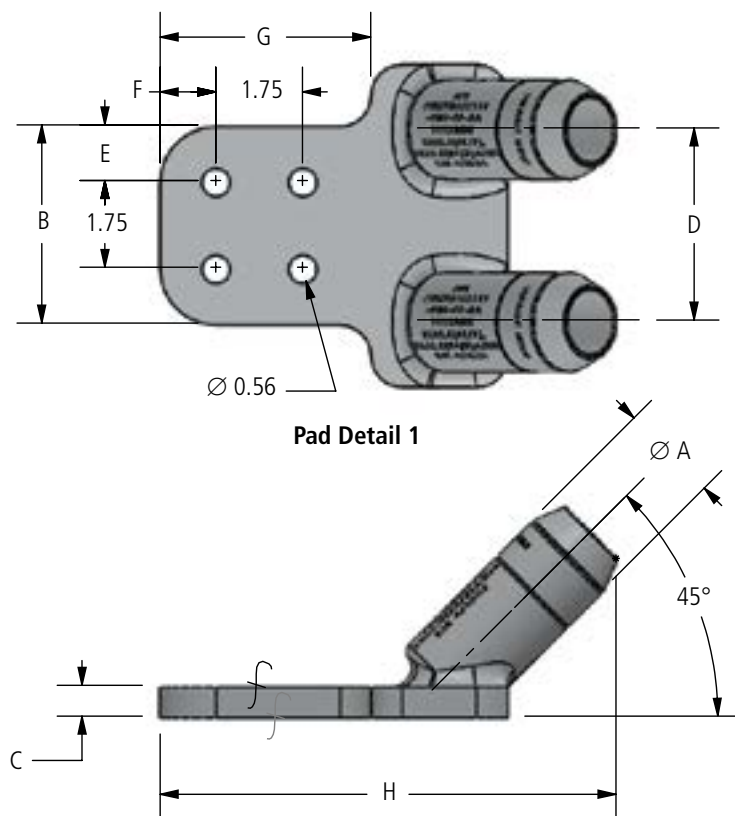
Material

Aluminum Alloy

Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW2CTA2026-4N-45-AA-SN
- For 5 inch, 8 inch or 18 inch cable spacing add "-XX" to AFL No.
EX: SW2CTA2026-18-4N-45-AA

f—Machine Finish



continued

TYPE SW2CTA-45-AA

Swage Two Cable 45-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA1613-4N-45-AA	2/0	1/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	6.85	45TD16
SW2CTA1613-4N4-45-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	7.79	45TD16
SW2CTA1613-5N4-45-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	7.79	45TD16
SW2CTA1613-6N4-45-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	7.79	45TD16
SW2CTA1617-4N-45-AA	3/0	2/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	6.85	45TD16
SW2CTA1617-4N4-45-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	7.79	45TD16
SW2CTA1617-5N4-45-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	7.79	45TD16
SW2CTA1617-6N4-45-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	7.79	45TD16
SW2CTA1621-4N-45-AA	4/0	3/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	6.85	45TD16
SW2CTA1621-4N4-45-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	7.79	45TD16
SW2CTA1621-5N4-45-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	7.79	45TD16
SW2CTA1621-6N4-45-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	7.79	45TD16
SW2CTA1625-4N-45-AA	250	4/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	6.85	45TD16
SW2CTA1625-4N4-45-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	4.25	7.79	45TD16
SW2CTA1625-5N4-45-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	4.25	7.79	45TD16
SW2CTA1625-6N4-45-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	4.25	7.79	45TD16
SW2CTA2026-4N-45-AA	266.8	266.8 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.09	45TD20
SW2CTA2026-4N4-45-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.03	45TD20
SW2CTA2026-5N4-45-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.03	45TD20
SW2CTA2026-6N4-45-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.03	45TD20
SW2CTA2030-4N-45-AA	300	266.8 (26/7)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.09	45TD20
SW2CTA2030-4N4-45-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.03	45TD20
SW2CTA2030-5N4-45-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.03	45TD20
SW2CTA2030-6N4-45-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.03	45TD20
SW2CTA2035-4N-45-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.09	45TD20
SW2CTA2035-4N4-45-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.03	45TD20
SW2CTA2035-5N4-45-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.03	45TD20
SW2CTA2035-6N4-45-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.03	45TD20
SW2CTA2039-4N-45-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	3.25	7.09	45TD20
SW2CTA2039-4N4-45-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	4.25	8.03	45TD20
SW2CTA2039-5N4-45-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	4.25	8.03	45TD20
SW2CTA2039-6N4-45-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	4.25	8.03	45TD20
SW2CTA2445-4N-45-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.15	45TD24
SW2CTA2445-4N4-45-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.09	45TD24
SW2CTA2445-5N4-45-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.09	45TD24
SW2CTA2445-6N4-45-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.09	45TD24
SW2CTA2447-4N-45-AA	477	397.5 (30/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.15	45TD24
SW2CTA2447-4N4-45-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.09	45TD24
SW2CTA2447-5N4-45-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.09	45TD24
SW2CTA2447-6N4-45-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.09	45TD24
SW2CTA2450-4N-45-AA	500	477 (18/1)	1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.15	45TD24
SW2CTA2450-4N4-45-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.09	45TD24
SW2CTA2450-5N4-45-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.09	45TD24
SW2CTA2450-6N4-45-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.09	45TD24
SW2CTA2455-4N-45-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	3.25	7.15	45TD24
SW2CTA2455-4N4-45-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	4.25	8.09	45TD24
SW2CTA2455-5N4-45-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	4.25	8.09	45TD24
SW2CTA2455-6N4-45-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	4.25	9.09	45TD24

continued



TYPE SW2CTA-45-AA

Swage Two Cable 45-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA2860-4N-45-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.14	45TD28
SW2CTA2860-4N4-45-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.14	45TD28
SW2CTA2860-5N4-45-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.14	45TD28
SW2CTA2860-6N4-45-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.20	45TD28
SW2CTA2863-4N-45-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.20	45TD28
SW2CTA2863-4N4-45-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.14	45TD28
SW2CTA2863-5N4-45-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.14	45TD28
SW2CTA2863-6N4-45-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.20	45TD28
SW2CTA2871-4N-45-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	3.25	8.20	45TD28
SW2CTA2871-4N4-45-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	4.25	10.14	45TD28
SW2CTA2871-5N4-45-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	4.25	10.14	45TD28
SW2CTA2871-6N4-45-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	4.25	9.20	45TD28
SW2CTA3075-4N-45-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.16	45TD30
SW2CTA3075-4N4-45-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.10	45TD30
SW2CTA3075-5N4-45-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.10	45TD30
SW2CTA3075-6N4-45-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.16	45TD30
SW2CTA3079-4N-45-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.16	45TD30
SW2CTA3079-4N4-45-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.10	45TD30
SW2CTA3079-5N4-45-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.10	45TD30
SW2CTA3079-6N4-45-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.16	45TD30
SW2CTA3087-4N-45-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	3.25	8.16	45TD30
SW2CTA3087-4N4-45-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	4.25	10.10	45TD30
SW2CTA3087-5N4-45-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	4.25	10.10	45TD30
SW2CTA3087-6N4-45-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	4.25	9.16	45TD30
SW2CTA3290-4N-45-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.20	45TD32
SW2CTA3290-4N4-45-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.14	45TD32
SW2CTA3290-5N4-45-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.14	45TD32
SW2CTA3290-6N4-45-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.20	45TD32
SW2CTA3295-4N-45-AA	954	795 (30/19), 900 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.20	45TD32
SW2CTA3295-4N4-45-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.14	45TD32
SW2CTA3295-5N4-45-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.14	45TD32
SW2CTA3295-6N4-45-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.20	45TD32
SW2CTA32100-4N-45-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.20	45TD32
SW2CTA32100-4N4-45-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.14	45TD32
SW2CTA32100-5N4-45-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.14	45TD32
SW2CTA32100-6N4-45-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.20	45TD32
SW2CTA32103-4N-45-AA	1033.5	954 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.20	45TD32
SW2CTA32103-4N4-45-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.14	45TD32
SW2CTA32103-5N4-45-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.14	45TD32
SW2CTA32103-6N4-45-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.20	45TD32
SW2CTA32111-4N-45-AA	1113	1033.5 (45/7), 1033.5 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	3.25	8.20	45TD32
SW2CTA32111-4N4-45-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	4.25	10.14	45TD32
SW2CTA32111-5N4-45-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	4.25	10.14	45TD32
SW2CTA32111-6N4-45-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	4.25	9.20	45TD32
SW2CTA36119-4N-45-AA	1192.5	1113 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36119-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36119-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36119-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36

continued



TYPE SW2CTA-45-AA

Swage Two Cable 45-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA36127-4N-45-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36127-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36127-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36127-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36135-4N-45-AA	1351.5	1192.5 (54/19), 1272 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36135-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36135-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36135-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36143-4N-45-AA	1431	1272 (54/19), 1351.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36143-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36143-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36143-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36151-4N-45-AA	1510.5	1351.5 (54/19), 1431 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36151-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36151-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36151-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36159-4N-45-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36159-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36159-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36159-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36175-4N-45-AA	1750	1510.5 (54/19), 1590 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36175-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36175-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36175-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA36180-4N-45-AA	1800	1590 (54/19)	1	2.25	3.00	0.75	4.00	0.63	0.63	3.25	8.38	45TD36
SW2CTA36180-4N4-45-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	4.25	10.32	45TD36
SW2CTA36180-5N4-45-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	4.25	10.32	45TD36
SW2CTA36180-6N4-45-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	4.25	10.32	45TD36
SW2CTA44200-4N-45-AA	2000	1780 (84/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	10.55	65TD44
SW2CTA44200-4N4-45-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	10.55	65TD44
SW2CTA44200-5N4-45-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	10.55	65TD44
SW2CTA44200-6N4-45-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	10.55	65TD44
SW2CTA44230-4N-45-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	10.55	65TD44
SW2CTA44230-4N4-45-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	10.55	65TD44
SW2CTA44230-5N4-45-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	10.55	65TD44
SW2CTA44230-6N4-45-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	10.55	65TD44
SW2CTA44250-4N-45-AA	2500	2312 (76/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	3.25	10.55	65TD44
SW2CTA44250-4N4-45-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	4.25	10.55	65TD44
SW2CTA44250-5N4-45-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	4.25	10.55	65TD44
SW2CTA44250-6N4-45-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	4.25	10.55	65TD44

TYPE SW2CTA-90-AA

Swage Two Cable 90-Degree Terminal

A swage type two cable 90 degree terminals on a nema pad.

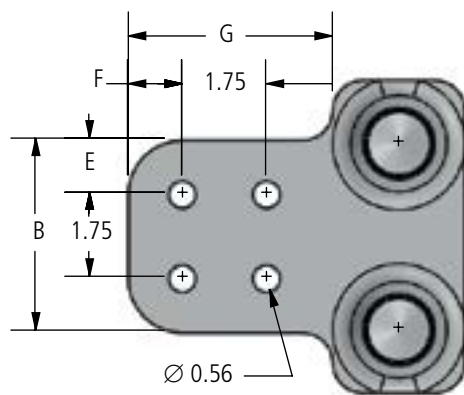
Material

Aluminum Alloy

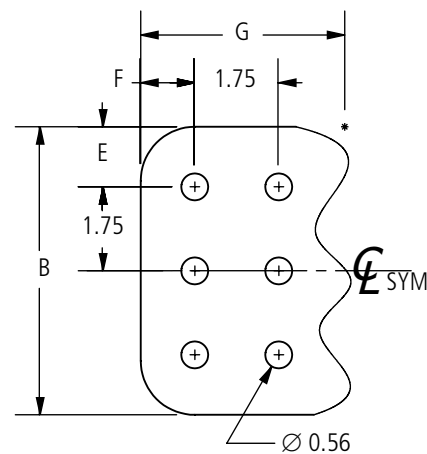
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW2CTA2026-4N-90-AA-SN
- For 5 inch, 6 inch, 8 inch or 18 inch cable spacing add "-XX" to AFL No.
EX: SW2CTA2026-18-4N-90-AA

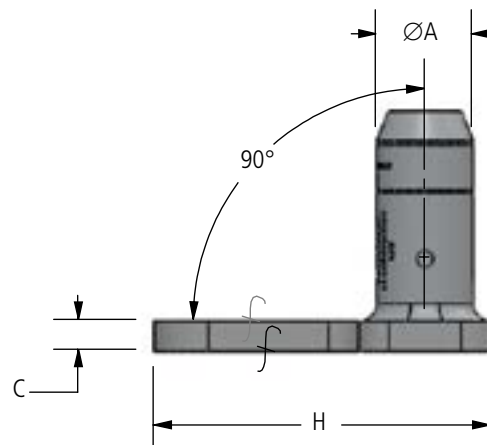
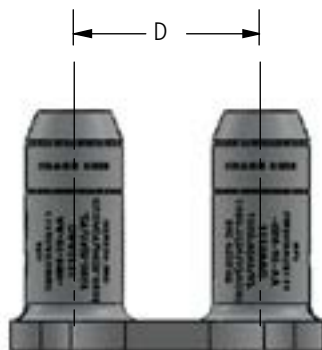
f—Machine Finish



Pad Detail 1



Pad Detail 2



continued
→

TYPE SW2CTA-90-AA

Swage Two Cable 90-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA1613-4N-90-AA	2/0	1/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	3.25	5.00	45TD16
SW2CTA1613-4N4-90-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	5.56	6.00	45TD16
SW2CTA1613-5N4-90-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	5.56	6.00	45TD16
SW2CTA1613-6N4-90-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	5.56	6.00	45TD16
SW2CTA1617-4N-90-AA	3/0	2/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	4.56	5.00	45TD16
SW2CTA1617-4N4-90-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	5.56	6.00	45TD16
SW2CTA1617-5N4-90-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	5.56	6.00	45TD16
SW2CTA1617-6N4-90-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	5.56	6.00	45TD16
SW2CTA1621-4N-90-AA	4/0	3/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	4.56	5.00	45TD16
SW2CTA1621-4N4-90-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	5.56	6.00	45TD16
SW2CTA1621-5N4-90-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	5.56	6.00	45TD16
SW2CTA1621-6N4-90-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	5.56	6.00	45TD16
SW2CTA1625-4N-90-AA	250	4/0 (6/1)	1	1.00	3.00	0.50	2.75	0.63	0.63	4.56	5.00	45TD16
SW2CTA1625-4N4-90-AA			1	1.00	4.00	0.50	2.75	1.13	1.13	5.56	6.00	45TD16
SW2CTA1625-5N4-90-AA			2	1.00	5.00	0.50	2.75	0.75	1.13	5.56	6.00	45TD16
SW2CTA1625-6N4-90-AA			2	1.00	6.00	0.50	2.75	1.25	1.13	5.56	6.00	45TD16
SW2CTA2026-4N-90-AA	266.8	266.8 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	4.45	5.00	45TD20
SW2CTA2026-4N4-90-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	5.45	6.00	45TD20
SW2CTA2026-5N4-90-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	5.45	6.00	45TD20
SW2CTA2026-6N4-90-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	5.45	6.00	45TD20
SW2CTA2030-4N-90-AA	300	266.8 (26/7)	1	1.25	3.00	0.50	2.75	0.63	0.63	4.45	5.00	45TD20
SW2CTA2030-4N4-90-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	5.45	6.00	45TD20
SW2CTA2030-5N4-90-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	5.45	6.00	45TD20
SW2CTA2030-6N4-90-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	5.45	6.00	45TD20
SW2CTA2035-4N-90-AA	336.4, 350	300 (26/7), 336.4 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	4.45	5.00	45TD20
SW2CTA2035-4N4-90-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	5.45	6.00	45TD20
SW2CTA2035-5N4-90-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	5.45	6.00	45TD20
SW2CTA2035-6N4-90-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	5.45	6.00	45TD20
SW2CTA2039-4N-90-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	1	1.25	3.00	0.50	2.75	0.63	0.63	4.45	5.00	45TD20
SW2CTA2039-4N4-90-AA			1	1.25	4.00	0.50	2.75	1.13	1.13	5.45	6.00	45TD20
SW2CTA2039-5N4-90-AA			2	1.25	5.00	0.50	2.75	0.75	1.13	5.45	6.00	45TD20
SW2CTA2039-6N4-90-AA			2	1.25	6.00	0.50	2.75	1.25	1.13	5.45	6.00	45TD20
SW2CTA2445-4N-90-AA	450	397.5 (24/7), 397.5 (26/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	4.34	5.00	45TD24
SW2CTA2445-4N4-90-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	5.34	6.00	45TD24
SW2CTA2445-5N4-90-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	5.34	6.00	45TD24
SW2CTA2445-6N4-90-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	5.97	7.00	45TD24
SW2CTA2447-4N-90-AA	477	397.5 (30/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	4.34	5.00	45TD24
SW2CTA2447-4N4-90-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	5.34	6.00	45TD24
SW2CTA2447-5N4-90-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	5.34	6.00	45TD24
SW2CTA2447-6N4-90-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	5.97	7.00	45TD24
SW2CTA2450-4N-90-AA	500	477 (18/1)	1	1.50	3.00	0.50	3.63	0.63	0.63	4.34	5.00	45TD24
SW2CTA2450-4N4-90-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	5.34	6.00	45TD24
SW2CTA2450-5N4-90-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	5.34	6.00	45TD24
SW2CTA2450-6N4-90-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	5.97	7.00	45TD24
SW2CTA2455-4N-90-AA	556.5	477 (24/7), 477 (26/7)	1	1.50	3.00	0.50	3.63	0.63	0.63	4.34	5.00	45TD24
SW2CTA2455-4N4-90-AA			1	1.50	4.00	0.50	3.63	1.13	1.13	5.34	6.00	45TD24
SW2CTA2455-5N4-90-AA			2	1.50	5.00	0.50	3.63	0.75	1.13	5.34	6.00	45TD24
SW2CTA2455-6N4-90-AA			2	1.50	6.00	0.50	3.63	1.25	1.13	5.97	7.00	45TD24

continued



TYPE SW2CTA-90-AA

Swage Two Cable 90-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA2860-4N-90-AA	600	477 (30/7), 556.5 (18/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	4.80	6.00	45TD28
SW2CTA2860-4N4-90-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	6.36	8.00	45TD28
SW2CTA2860-5N4-90-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	6.36	8.00	45TD28
SW2CTA2860-6N4-90-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	5.80	7.00	45TD28
SW2CTA2863-4N-90-AA	636	556.5 (24/7), 556.5 (26/7)	1	1.75	3.00	0.63	3.75	0.63	0.63	4.80	6.00	45TD28
SW2CTA2863-4N4-90-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	6.36	8.00	45TD28
SW2CTA2863-5N4-90-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	6.36	8.00	45TD28
SW2CTA2863-6N4-90-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	5.80	7.00	45TD28
SW2CTA2871-4N-90-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	1	1.75	3.00	0.63	3.75	0.63	0.63	4.80	6.00	45TD28
SW2CTA2871-4N4-90-AA			1	1.75	4.00	0.63	3.75	1.13	1.13	6.36	8.00	45TD28
SW2CTA2871-5N4-90-AA			2	1.75	5.00	0.63	3.75	0.75	1.13	6.36	8.00	45TD28
SW2CTA2871-6N4-90-AA			2	1.75	6.00	0.63	3.75	1.25	1.13	5.80	7.00	45TD28
SW2CTA3075-4N-90-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	4.71	6.00	45TD30
SW2CTA3075-4N4-90-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	6.24	8.00	45TD30
SW2CTA3075-5N4-90-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	6.24	8.00	45TD30
SW2CTA3075-6N4-90-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	5.71	7.00	45TD30
SW2CTA3079-4N-90-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	3.00	0.63	3.88	0.63	0.63	4.71	6.00	45TD30
SW2CTA3079-4N4-90-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	6.24	8.00	45TD30
SW2CTA3079-5N4-90-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	6.24	8.00	45TD30
SW2CTA3079-6N4-90-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	5.71	7.00	45TD30
SW2CTA3087-4N-90-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	1	1.88	3.00	0.63	3.88	0.63	0.63	4.71	6.00	45TD30
SW2CTA3087-4N4-90-AA			1	1.88	4.00	0.63	3.88	1.13	1.13	6.24	8.00	45TD30
SW2CTA3087-5N4-90-AA			2	1.88	5.00	0.63	3.88	0.75	1.13	6.24	8.00	45TD30
SW2CTA3087-6N4-90-AA			2	1.88	6.00	0.63	3.88	1.25	1.13	5.71	7.00	45TD30
SW2CTA3290-4N-90-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	4.63	6.00	45TD32
SW2CTA3290-4N4-90-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	6.13	8.00	45TD32
SW2CTA3290-5N4-90-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	6.13	8.00	45TD32
SW2CTA3290-6N4-90-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	6.13	8.00	45TD32
SW2CTA3295-4N-90-AA	954	795 (30/19), 900 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	4.63	6.00	45TD32
SW2CTA3295-4N4-90-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	6.13	8.00	45TD32
SW2CTA3295-5N4-90-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	6.13	8.00	45TD32
SW2CTA3295-6N4-90-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	5.63	7.00	45TD32
SW2CTA32100-4N-90-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	4.63	6.00	45TD32
SW2CTA32100-4N4-90-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	6.13	8.00	45TD32
SW2CTA32100-5N4-90-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	6.13	8.00	45TD32
SW2CTA32100-6N4-90-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	5.63	7.00	45TD32
SW2CTA32103-4N-90-AA	1033.5	954 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	4.63	6.00	45TD32
SW2CTA32103-4N4-90-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	6.13	8.00	45TD32
SW2CTA32103-5N4-90-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	6.13	8.00	45TD32
SW2CTA32103-6N4-90-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	5.63	7.00	45TD32
SW2CTA32111-4N-90-AA	1113	1033.5 (45/7), 1033.5 (54/7)	1	2.00	3.00	0.63	3.88	0.63	0.63	4.63	6.00	45TD32
SW2CTA32111-4N4-90-AA			1	2.00	4.00	0.63	3.88	1.13	1.13	6.13	8.00	45TD32
SW2CTA32111-5N4-90-AA			2	2.00	5.00	0.63	3.88	0.75	1.13	6.13	8.00	45TD32
SW2CTA32111-6N4-90-AA			2	2.00	6.00	0.63	3.88	1.25	1.13	5.63	7.00	45TD32

continued

TYPE SW2CTA-90-AA

Swage Two Cable 90-Degree Terminal

Ordering Information

AFL NO.	CABLE SIZE		PAD DETAIL	DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR		A	B	C	D	E	F	G	H	
SW2CTA36119-4N-90-AA	1192.5	1113 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36119-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36119-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36119-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36127-4N-90-AA	1272	1113 (54/19), 1192.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36127-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36127-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36127-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36135-4N-90-AA	1351.5	1192.5 (54/19), 1272 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36135-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36135-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36135-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36143-4N-90-AA	1431	1272 (54/19), 1351.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36143-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36143-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36143-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36151-4N-90-AA	1510.5	1351.5 (54/19), 1431 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36151-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36151-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36151-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36159-4N-90-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36159-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36159-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36159-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36175-4N-90-AA	1750	1510.5 (54/19), 1590 (45/7)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36175-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36175-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36175-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA36180-4N-90-AA	1800	1590 (54/19)	1	2.25	3.00	0.75	4.00	0.63	0.63	4.45	6.00	45TD36
SW2CTA36180-4N4-90-AA			1	2.25	4.00	0.75	4.00	1.13	1.13	5.89	8.00	45TD36
SW2CTA36180-5N4-90-AA			2	2.25	5.00	0.75	4.00	0.75	1.13	5.89	8.00	45TD36
SW2CTA36180-6N4-90-AA			2	2.25	6.00	0.75	4.00	1.25	1.13	5.89	8.00	45TD36
SW2CTA44200-4N-90-AA	2000	1780 (84/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	4.73	8.00	65TD44
SW2CTA44200-4N4-90-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	5.42	8.00	65TD44
SW2CTA44200-5N4-90-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	5.42	8.00	65TD44
SW2CTA44200-6N4-90-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	5.42	8.00	65TD44
SW2CTA44230-4N-90-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	3.00	1.00	5.50	0.63	0.63	4.73	8.00	65TD44
SW2CTA44230-4N4-90-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	5.42	8.00	65TD44
SW2CTA44230-5N4-90-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	5.42	8.00	65TD44
SW2CTA44230-6N4-90-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	5.42	8.00	65TD44
SW2CTA44250-4N-90-AA	2500	2312 (76/19)	1	2.75	3.00	1.00	5.50	0.63	0.63	4.73	8.00	65TD44
SW2CTA44250-4N4-90-AA			1	2.75	4.00	1.00	5.50	1.13	1.13	5.42	8.00	65TD44
SW2CTA44250-5N4-90-AA			2	2.75	5.00	1.00	5.50	0.75	1.13	5.42	8.00	65TD44
SW2CTA44250-6N4-90-AA			2	2.75	6.00	1.00	5.50	1.25	1.13	5.42	8.00	65TD44

TYPE SW3CT-AA

Swage Three Cable Offset Terminal

A swage type three cable offset terminals on a nema pad.

Material

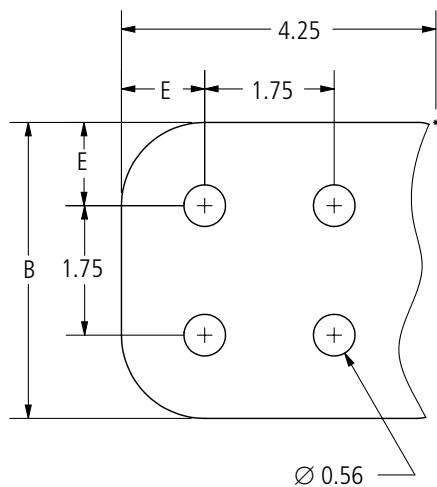
Aluminum Alloy

Notes

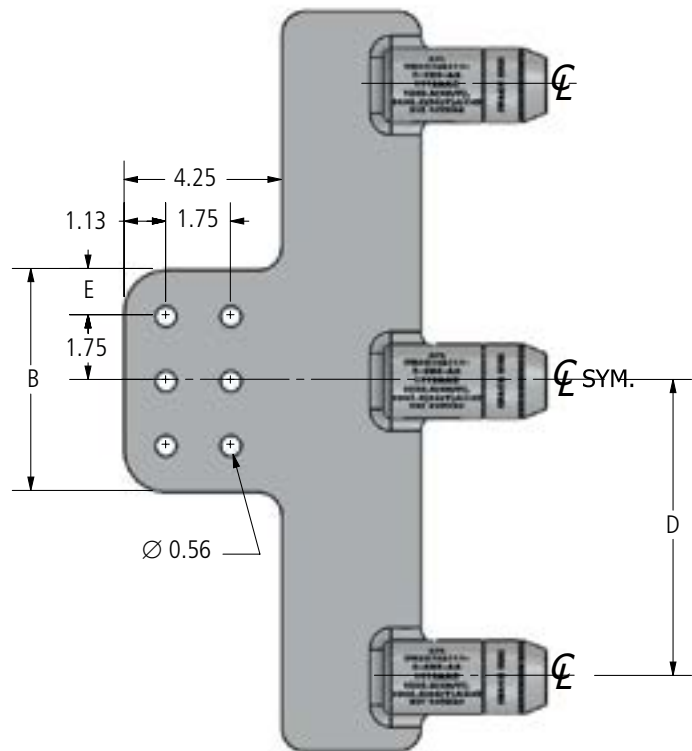
- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.

EX: SW3CT2039-8-6N4-AA-SN

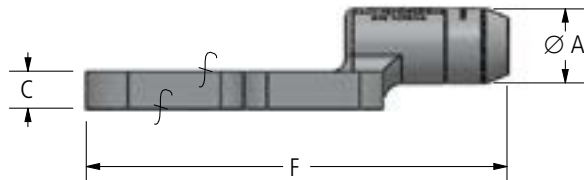
f — Machine Finish



Pad Detail 1



Pad Detail 2



continued
→

TYPE SW3CT-AA

Swage Three Cable Offset Terminal

Ordering Information

AFL No.	Cable RANGE		Pad Detail	DIMENSIONS IN INCHES						DIE SIZE
	AAC	ACSR		A	b	c	D	E	F	
SW3CT2039-8-6N4-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	2	1.25	6.00	0.75	8.00	1.25	11.25	45TD20
SW3CT2871-8-6N4-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	2	1.75	6.00	1.25	8.00	1.25	11.25	45TD28
SW3CT3075-8-6N4-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	2	1.88	6.00	1.00	8.00	1.25	11.25	45TD30
SW3CT3075-18-6N4-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	2	1.88	6.00	1.00	18.00	1.25	11.25	45TD30
SW3CT3079-8-4N4-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	1	1.88	4.00	1.00	8.00	1.13	11.25	45TD30
SW3CT3079-8-6N4-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	2	1.88	6.00	1.00	8.00	1.25	11.25	45TD30
SW3CT3079-18-6N4-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	2	1.88	6.00	1.00	18.00	1.25	11.25	45TD30
SW3CT3087-8-6N4-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	2	1.88	6.00	1.25	8.00	1.25	11.25	45TD30
SW3CT3087-18-6N4-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	2	1.88	6.00	1.00	18.00	1.25	11.25	45TD30
SW3CT32103-8-4N4-AA	1033.5	954 (54/7)	1	2.00	4.00	1.00	8.00	1.13	11.38	45TD32
SW3CT32111-8-6N4-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	6.00	1.00	8.00	1.25	11.38	45TD32
SW3CT32111-18-6N4-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	6.00	1.00	18.00	1.25	11.38	45TD32
SW3CT36127-4-6N4-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	6.00	1.00	4.00	1.25	11.75	45TD36
SW3CT36127-8-6N4-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	6.00	1.00	8.00	1.25	11.75	45TD36
SW3CT36127-18-6N4-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	6.00	1.00	18.00	1.25	11.75	45TD36
SW3CT36143-8-6N4-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	6.00	1.25	8.00	1.25	11.75	45TD36
SW3CT36143-18-6N4-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	6.00	1.00	18.00	1.25	11.75	45TD36
SW3CT36151-8-6N4-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	6.00	1.00	8.00	1.25	11.75	45TD36
SW3CT36151-18-6N4-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	6.00	1.00	18.00	1.25	11.75	45TD36
SW3CT36159-4-4N4-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	3.00	1.00	4.00	0.63	8.75	45TD36
SW3CT36159-4-4N4-AA	1590	1431 (54/19), 1510.5 (45/7)	1	2.25	4.00	1.00	4.00	1.13	11.75	45TD36
SW3CT36175-8-6N4-AA	1750	1510.5 (54/19), 1590 (45/7)	2	2.25	6.00	1.00	8.00	1.25	11.75	45TD36
SW3CT36175-18-6N4-AA	1750	1510.5 (54/19), 1590 (45/7)	2	2.25	6.00	1.00	18.00	1.25	11.75	45TD36
SW3CT44200-8-4N4-AA	2000	1780 (84/19)	1	2.75	4.00	1.00	8.00	1.13	12.38	65TD44
SW3CT44200-18-4N4-AA	2000	1780 (84/19)	1	2.75	4.00	1.00	18.00	1.13	12.38	65TD44
SW3CT44230-8-4N4-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	4.00	1.00	8.00	1.13	12.38	65TD44
SW3CT44230-18-4N4-AA	2250	2156 (84/19), 2167 (72/7)	1	2.75	4.00	1.00	18.00	1.13	12.38	65TD44
SW3CT44230-8-6N4-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	6.00	1.25	8.00	1.25	12.38	65TD44
SW3CT44230-18-6N4-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	6.00	1.00	18.00	1.25	12.38	65TD44
SW3CT44250-8-4N4-AA	2500	2312 (76/19)	1	2.75	4.00	1.00	8.00	1.13	12.38	65TD44
SW3CT44250-18-4N4-AA	2500	2312 (76/19)	1	2.75	4.00	1.00	18.00	1.13	12.38	65TD44
SW3CT44250-8-6N4-AA	2500	2312 (76/19)	2	2.75	6.00	1.00	8.00	1.25	12.38	65TD44
SW3CT44250-18-6N4-AA	2500	2312 (76/19)	2	2.75	6.00	1.00	18.00	1.25	12.38	65TD44

TYPE SW3CTA-45-AA

Swage Three Cable 45-Degree Terminal

A swage type three cable angled terminals on a nema pad.

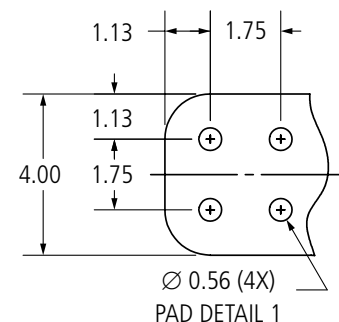
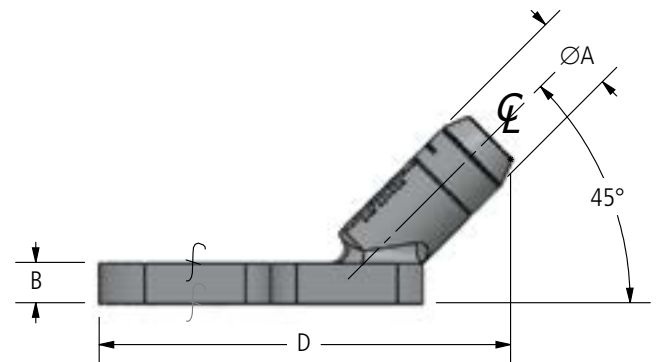
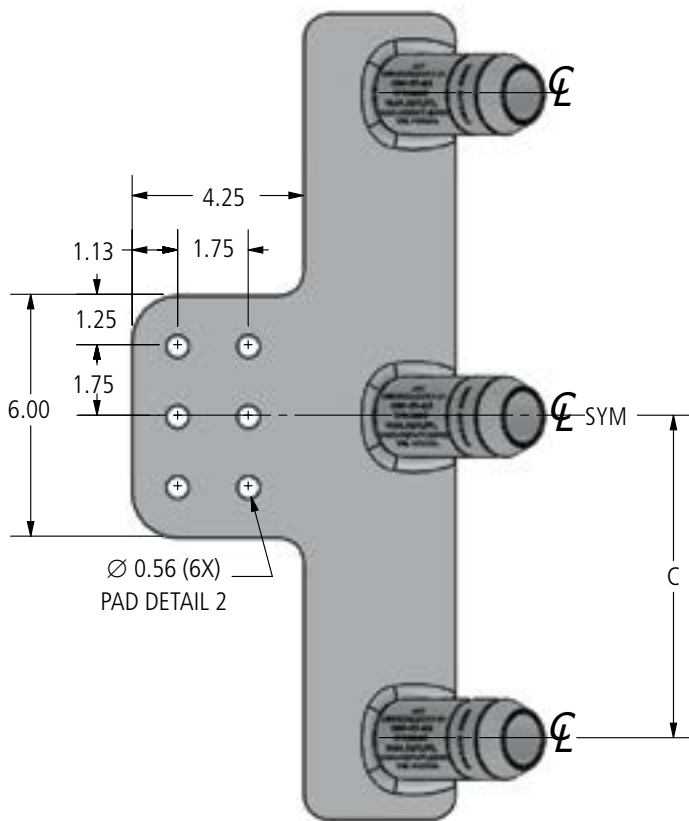
Material

Aluminum Alloy

Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW3CTA44225-8-6N4-90-AA-SN

f—Machine Finish



continued
→

TYPE SW3CTA-45-AA

Swage Three Cable 45-Degree Terminal

Ordering Information

AFL NO.	CABLE RANGE		PAD DETAIL	DIMENSIONS (inches)				DIE SIZE
	AAC	ACSR		A	B	C	D	
SW3CTA2039-8-6N4-45-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	2	1.25	0.75	8.00	10.09	45TD20
SW3CTA2871-8-6N4-45-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	2	1.75	1.00	8.00	10.20	45TD28
SW3CTA3075-8-6N4-45-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	2	1.88	1.00	8.00	10.16	45TD30
SW3CTA3075-18-6N4-45-AA			2	1.88	1.00	18.00	10.16	45TD30
SW3CTA3079-8-6N4-45-AA	795	636 (30/7), 636 (30/19), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	2	1.88	1.00	8.00	10.16	45TD30
SW3CTA3079-18-6N4-45-AA			2	1.88	1.00	18.00	10.16	45TD30
SW3CTA3087-8-6N4-45-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	2	1.88	1.00	8.00	10.16	45TD30
SW3CTA3087-18-6N4-45-AA			2	1.88	1.00	18.00	10.16	45TD30
SW3CTA3295-8-4N4-45-AA	954	795 (30/19), 900 (45/7)	1	2.00	1.00	8.00	10.29	45TD32
SW3CTA32111-8-6N4-45-AA	1113	1033.5 (45/7), 1033.5 (54/7)	2	2.00	1.00	8.00	10.20	45TD32
SW3CTA32111-18-6N4-45-AA			2	2.00	1.00	18.00	10.20	45TD32
SW3CTA36127-8-6N4-45-AA	1272	1113 (54/19), 1192.5 (45/7)	2	2.25	1.00	8.00	10.38	45TD36
SW3CTA36127-18-6N4-45-AA			2	2.25	1.00	18.00	10.38	45TD36
SW3CTA36143-8-6N4-45-AA	1431	1272 (54/19), 1351.5 (45/7)	2	2.25	1.00	8.00	10.38	45TD36
SW3CTA36143-18-6N4-45-AA			2	2.25	1.00	18.00	10.38	45TD36
SW3CTA36151-8-6N4-45-AA	1510.5	1351.5 (54/19), 1431 (45/7)	2	2.25	1.00	8.00	10.38	45TD36
SW3CTA36151-18-6N4-45-AA			2	2.25	1.00	18.00	10.38	45TD36
SW3CTA44230-8-6N4-45-AA	2250	2156 (84/19), 2167 (72/7)	2	2.75	1.00	8.00	10.61	65TD44
SW3CTA44230-18-6N4-45-AA			2	2.75	1.00	18.00	10.61	65TD44
SW3CTA44250-8-6N4-45-AA	2500	2312 (76/19)	2	2.75	1.00	8.00	10.61	65TD44
SW3CTA44250-18-6N4-45-AA			2	2.75	1.00	18.00	10.61	65TD44

TYPE SW3CTA-90-AA

Swage Three Cable 90-Degree Terminal

A swage type three cable 90-degree terminals on a nema pad.

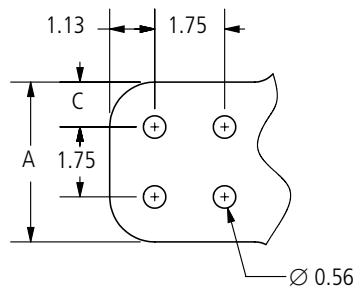
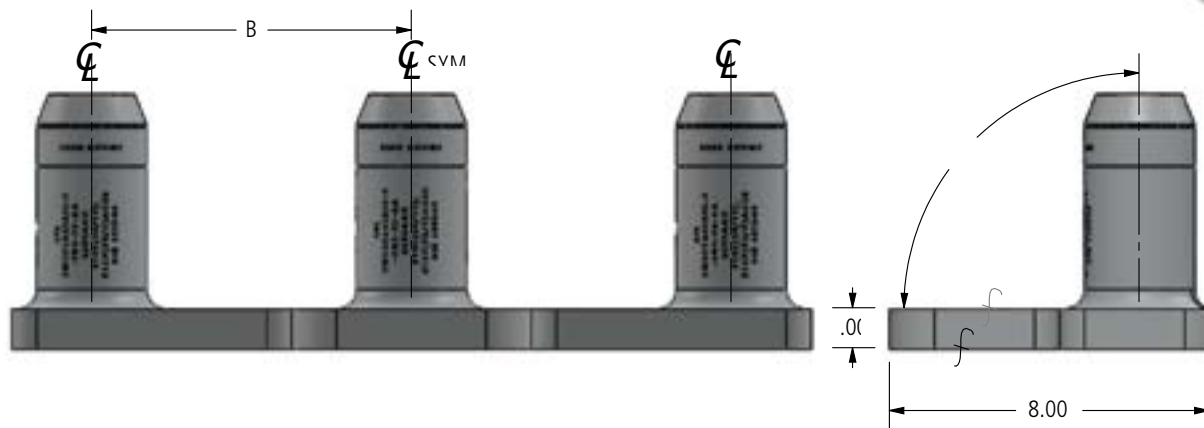
Material

Aluminum Alloy

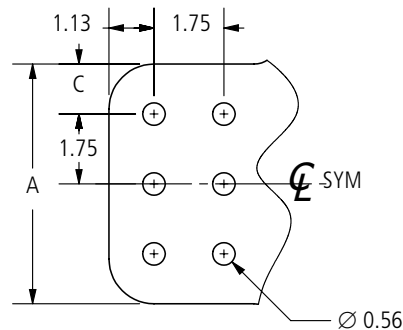
Notes

- Prefilled with AFL Filler Compound (AFC) and capped.
- For Electro Tin plate add "-SN" to AFL No.
EX: SW3CTA44225-8-6N4-90-AA-SN

f—Machine Finish



Detail 1



Detail 2

Ordering Information

AFL NO.	CABLE RANGE		DETAIL	DIMENSIONS (inches)			DIE SIZE
	AAC	ACSR		A	B	C	
SW3CTA36175-8-6N4-90-AA	1750	1510.5 (54/19), 1590 (45/7)	2	6.00	8.00	1.25	45TD36
SW3CTA44230-8-4N4-90-AA	2250	2156 (84/19), 2167 (72/7)	1	4.00	8.00	1.13	65TD44
SW3CTA44230-18-4N4-90-AA			1	4.00	18.00	1.13	65TD44
SW3CTA44230-8-6N4-90-AA			2	6.00	8.00	1.25	65TD44
SW3CTA44230-18-6N4-90-AA			2	6.00	18.00	1.25	65TD44
SW3CTA44250-8-4N4-90-AA	2500	2312 (76/19)	1	4.00	8.00	1.13	65TD44
SW3CTA44250-18-4N4-90-AA			1	4.00	18.00	1.13	65TD44
SW3CTA44250-8-6N4-90-AA			2	6.00	8.00	1.25	65TD44
SW3CTA44250-18-6N4-90-AA			2	6.00	18.00	1.25	65TD44

TYPE SWCS-AA

Swage Cable Support

A Swage type cable support.

Material

Aluminum Alloy

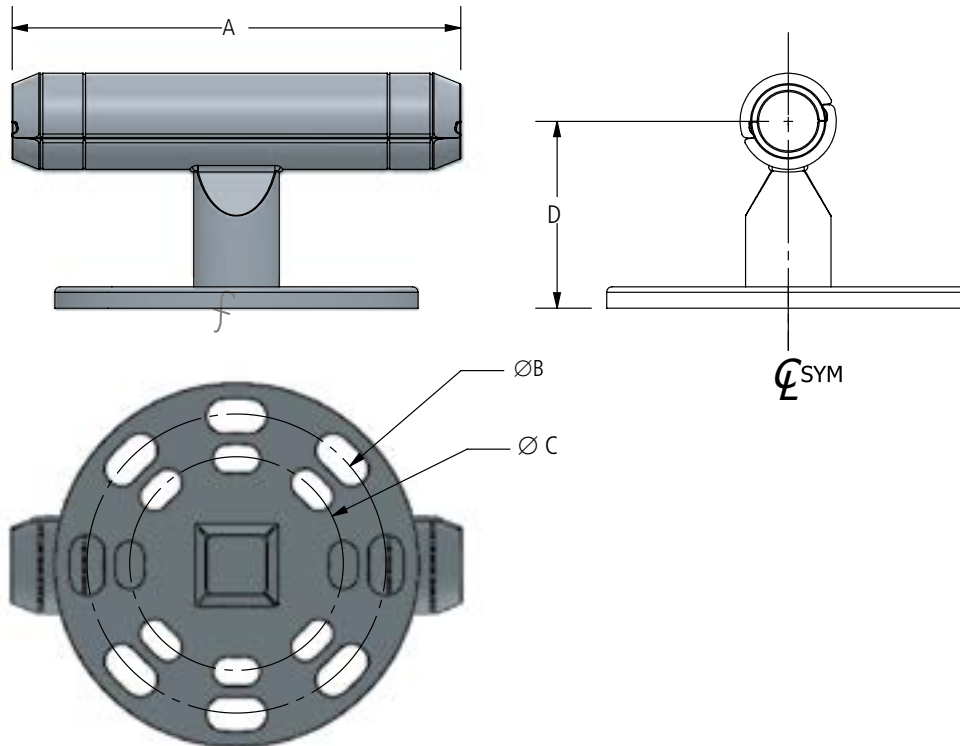
Mounting Hardware

Galvanized Steel Bolts and Lockwashers

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.

f—Machine Finish



continued
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TYPE SWCS-AA

Swage Cable Support

Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)				DIE SIZE
	AAC	ACSR	A	B	C	D	
SWCS1613-3-AA	2/0	1/0	9.00	3.00	—	3.75	45TD16
SWCS1613-3/5-AA			9.00	5.00	3.00	3.75	45TD16
SWCS1613-5/7-AA			9.00	7.00	5.00	3.75	45TD16
SWCS1621-3-AA	4/0	3/0 (6/1)	9.00	3.00	—	3.63	45TD16
SWCS1625-3/5-AA	250	4/0	9.00	5.00	3.00	3.75	45TD16
SWCS1625-5/7-AA			9.00	7.00	5.00	3.75	45TD16
SWCS2026-3/5-AA	266.8	266.8 (18/1)	9.00	5.00	3.00	3.88	45TD20
SWCS2026-5/7-AA			9.00	7.00	5.00	3.88	45TD20
SWCS2030-3/5-AA	300	266.8 (26/7)	9.00	5.00	3.00	3.88	45TD20
SWCS2030-5/7-AA			9.00	7.00	5.00	3.88	45TD20
SWCS2035-3/5-AA	336.4, 350	300 (26/7),	9.00	5.00	3.00	3.88	45TD20
SWCS2035-5/7-AA		336.4 (18/1)	9.00	7.00	5.00	3.88	45TD20
SWCS2039-3/5-AA	397.5	336.4 (26/7),	9.00	5.00	3.00	3.88	45TD20
SWCS2039-5/7-AA		336.4 (30/7), 397.5 (18/1)	9.00	7.00	5.00	3.88	45TD20
SWCS2445-3/5-AA	450	397.5 (24/7),	9.13	5.00	3.00	3.88	45TD24
SWCS2445-5/7-AA		397.5 (26/7)	9.13	7.00	5.00	4.00	45TD24
SWCS2447-5/7-AA	477	397.5 (30/7)	9.13	7.00	5.00	4.00	45TD24
SWCS2447-3/5-AA			9.13	5.00	3.00	4.00	45TD24
SWCS2450-3/5-AA	500	477 (18/1)	9.13	5.00	3.00	4.00	45TD24
SWCS2450-5/7-AA			9.13	7.00	5.00	4.00	45TD24
SWCS2455-3/5-AA	556.5	477 (24/7),	9.13	5.00	3.00	4.00	45TD24
SWCS2455-5/7-AA		477 (26/7)	9.13	7.00	5.00	4.00	45TD24
SWCS2860-3/5-AA	600	477 (30/7),	10.00	5.00	3.00	4.00	45TD28
SWCS2860-5/7-AA		556.5 (18/1)	10.00	7.00	5.00	4.13	45TD28
SWCS2863-3/5-AA	636	556.5 (24/7),	10.00	5.00	3.00	4.13	45TD28
SWCS2863-5/7-AA		556.5 (26/7)	10.00	7.00	5.00	4.13	45TD28
SWCS2871-3/5-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	10.00	5.00	3.00	4.13	45TD28
SWCS2871-5/7-AA			10.00	7.00	5.00	4.13	45TD28
SWCS3075-3/5-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	10.00	5.00	3.00	4.13	45TD30
SWCS3075-5/7-AA			10.00	7.00	5.00	4.19	45TD30
SWCS3079-3/5-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	5.00	3.00	4.19	45TD30
SWCS3079-5/7-AA			10.00	7.00	5.00	4.19	45TD30

continued
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TYPE SWCS-AA

Swage Cable Support

Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)				DIE SIZE
	AAC	ACSR	A	B	C	D	
SWCS3087-3/5-AA	874.5	715.5 (26/7),	10.00	5.00	3.00	4.19	45TD30
SWCS3087-5/7-AA		715.5 (30/19), 795 (45/7)	10.00	7.00	5.00	4.19	45TD30
SWCS3290-3/5-AA	900	795 (24/7),	10.00	5.00	3.00	4.19	45TD32
SWCS3290-5/7-AA		795 (54/7), 795 (26/7)	10.00	7.00	5.00	4.25	45TD32
SWCS3295-3/5-AA	954	795 (30/19),	10.00	5.00	3.00	4.25	45TD32
SWCS3295-5/7-AA		900 (45/7)	10.00	7.00	5.00	4.25	45TD32
SWCS32100-3/5-AA	1000	874.5 (54/7),	10.00	5.00	3.00	4.25	45TD32
SWCS32100-5/7-AA		900 (54/7), 954 (45/7)	10.00	7.00	5.00	4.25	45TD32
SWCS32103-3/5-AA	1033.5	954 (54/7)	10.00	5.00	3.00	4.25	45TD32
SWCS32103-5/7-AA			10.00	7.00	5.00	4.25	45TD32
SWCS32111-3-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	5.00	—	4.25	45TD32
SWCS32111-3/5-AA			10.00	5.00	3.00	4.25	45TD32
SWCS32111-5/7-AA			10.00	7.00	5.00	4.25	45TD32
SWCS36119-3/5-AA	1192.5	1113 (45/7)	10.50	5.00	3.00	4.38	45TD36
SWCS36119-5/7-AA			10.50	7.00	5.00	4.38	45TD36
SWCS36127-3/5-AA	1272	1113 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36127-5/7-AA		1192.5 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36135-3/5-AA	1351.5	1192.5 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36135-5/7-AA		1272 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36143-3/5-AA	1431	1272 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36143-5/7-AA		1351.5 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36151-3/5-AA	1510.5	1351.5 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36151-5/7-AA		1431 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36159-3/5-AA	1590	1431 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36159-5/7-AA		1510.5 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36175-3/5-AA	1750	1510.5 (54/19),	10.50	5.00	3.00	4.38	45TD36
SWCS36175-5/7-AA		1590 (45/7)	10.50	7.00	5.00	4.38	45TD36
SWCS36180-3/5-AA	1800	1590 (54/19)	10.50	5.00	3.00	4.38	45TD36
SWCS36180-5/7-AA			10.50	7.00	5.00	4.38	45TD36
SWCS44200-3/5-AA	2000	1780 (84/19)	11.50	5.00	3.00	4.63	65TD44
SWCS44200-5/7-AA			11.50	7.00	5.00	4.63	65TD44
SWCS44230-3/5-AA	2250	2156 (84/19),	11.50	5.00	3.00	4.63	65TD44
SWCS44230-5/7-AA		2167 (72/7)	11.50	7.00	5.00	4.63	65TD44
SWCS44250-3/5-AA	2500	2312 (76/19)	11.50	5.00	3.00	4.63	65TD44
SWCS44250-5/7-AA			11.50	7.00	5.00	4.63	65TD44

TYPE SW2CS-AA

Swage Double Cable Support

A Swage type double cable support.

Material

Aluminum Alloy

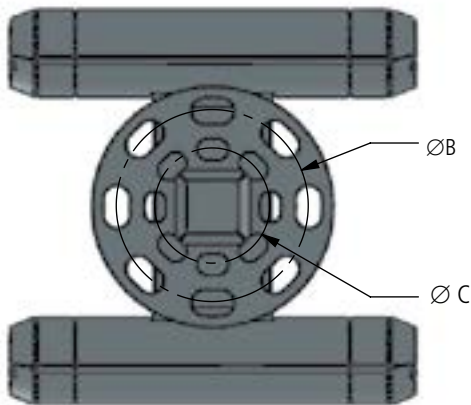
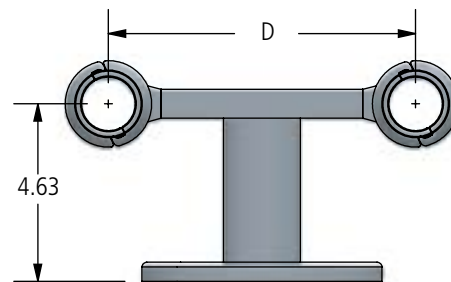
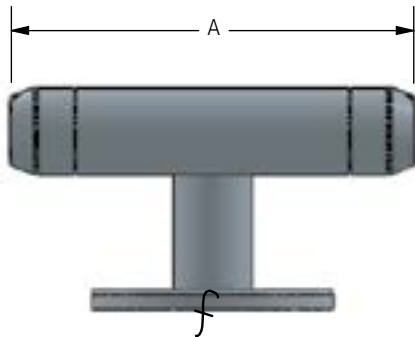
Mounting Hardware

Galvanized Steel Bolts and Lockwashers

Notes

- Bore will be lined with AFL Filler compound (AFC) and capped.

f—Machine Finish



continued
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TYPE SW2CS-AA

Swage Double Cable Support

Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)				DIE SIZE
	AAC	ACSR	A	B	C	D	
SW2CS1613-8-3/5-AA	2/0	1/0	9.00	5.00	3.00	8.00	45TD16
SW2CS1613-8-5/7-AA			9.00	7.00	5.00	8.00	45TD16
SW2CS1625-8-3/5-AA	250	4/0	9.00	5.00	3.00	8.00	45TD16
SW2CS1625-8-5/7-AA			9.00	7.00	5.00	8.00	45TD16
SW2CS2026-8-3/5-AA	266.8	266.8 (18/1)	9.00	5.00	3.00	8.00	45TD20
SW2CS2026-8-5/7-AA			9.00	7.00	5.00	8.00	45TD20
SW2CS2030-8-3/5-AA	300	266.8 (26/7)	9.00	5.00	3.00	8.00	45TD20
SW2CS2030-8-5/7-AA			9.00	7.00	5.00	8.00	45TD20
SW2CS2035-8-3/5-AA	336.4, 350	300 (26/7), 336.4 (18/1)	9.00	5.00	3.00	8.00	45TD20
SW2CS2035-8-5/7-AA			9.00	7.00	5.00	8.00	45TD20
SW2CS2039-8-3/5-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	9.00	5.00	3.00	8.00	45TD20
SW2CS2039-8-5/7-AA			9.00	7.00	5.00	8.00	45TD20
SW2CS2445-8-3/5-AA	450	397.5 (24/7), 397.5 (26/7)	9.13	5.00	3.00	8.00	45TD24
SW2CS2445-8-5/7-AA			9.13	7.00	5.00	8.00	45TD24
SW2CS2447-8-5/7-AA	477	397.5 (30/7)	9.13	7.00	5.00	8.00	45TD24
SW2CS2447-8-3/5-AA			9.13	5.00	3.00	8.00	45TD24
SW2CS2450-8-3/5-AA	500	477 (18/1)	9.13	5.00	3.00	8.00	45TD24
SW2CS2450-8-5/7-AA			9.13	7.00	5.00	8.00	45TD24
SW2CS2455-8-3/5-AA	556.5	477 (24/7), 477 (26/7)	9.13	5.00	3.00	8.00	45TD24
SW2CS2455-8-5/7-AA			9.13	7.00	5.00	8.00	45TD24
SW2CS2860-8-3/5-AA	600	477 (30/7), 556.5 (18/1)	10.00	5.00	3.00	8.00	45TD28
SW2CS2860-8-5/7-AA			10.00	7.00	5.00	8.00	45TD28
SW2CS2863-8-3/5-AA	636	556.5 (24/7), 556.5 (26/7)	10.00	5.00	3.00	8.00	45TD28
SW2CS2863-8-5/7-AA			10.00	7.00	5.00	8.00	45TD28
SW2CS2871-8-3/5-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	10.00	5.00	3.00	8.00	45TD28
SW2CS2871-8-5/7-AA			10.00	7.00	5.00	8.00	45TD28
SW2CS3075-8-3/5-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	10.00	5.00	3.00	8.00	45TD30
SW2CS3075-8-5/7-AA			10.00	7.00	5.00	8.00	45TD30
SW2CS3079-8-3/5-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	5.00	3.00	8.00	45TD30
SW2CS3079-8-5/7-AA			10.00	7.00	5.00	8.00	45TD30
SW2CS3087-8-3/5-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	10.00	5.00	3.00	8.00	45TD30
SW2CS3087-8-5/7-AA			10.00	7.00	5.00	8.00	45TD30
SW2CS3290-8-3/5-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	10.00	5.00	3.00	8.00	45TD32
SW2CS3290-8-5/7-AA			10.00	7.00	5.00	8.00	45TD32
SW2CS3290-12-5/7-AA			10.00	7.00	5.00	12.00	45TD32

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TYPE SW2CS-AA

Swage Double Cable Support

Ordering Information

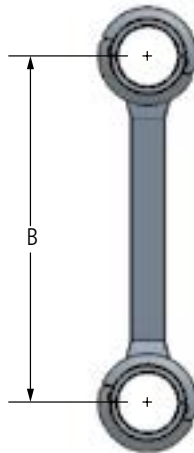
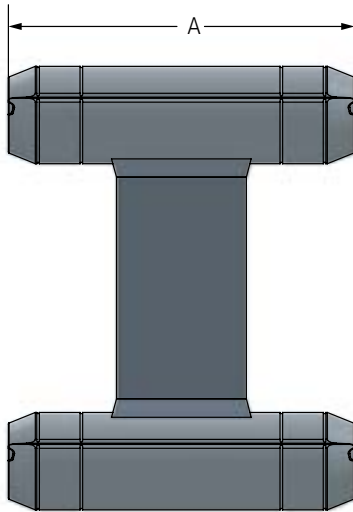
AFL NO.	CABLE RANGE		DIMENSIONS (inches)				DIE SIZE
	AAC	ACSR	A	B	C	D	
SW2CS3295-6-3/5-AA	954	795 (30/19), 900 (45/7)	10.00	5.00	3.00	6.00	45TD32
SW2CS3295-8-3/5-AA			10.00	5.00	3.00	8.00	45TD32
SW2CS3295-8-5/7-AA			10.00	7.00	5.00	8.00	45TD32
SW2CS32100-8-3/5-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	10.00	5.00	3.00	8.00	45TD32
SW2CS32100-8-5/7-AA			10.00	7.00	5.00	8.00	45TD32
SW2CS32103-8-3/5-AA	1033.5	954 (54/7)	10.00	5.00	3.00	8.00	45TD32
SW2CS32103-8-5/7-AA			10.00	7.00	5.00	8.00	45TD32
SW2CS32111-8-3-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	3.00	—	8.00	45TD32
SW2CS32111-8-3/5-AA			10.00	5.00	3.00	8.00	45TD32
SW2CS32111-8-5/7-AA			10.00	7.00	5.00	8.00	45TD32
SW2CS36119-8-3/5-AA	1192.5	1113 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36119-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36127-8-3/5-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36127-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36135-8-3/5-AA	1351.5	1192.5 (54/19), 1272 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36135-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36143-8-3/5-AA	1431	1272 (54/19), 1351.5 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36143-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36151-8-3/5-AA	1510.5	1351.5 (54/19), 1431 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36151-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36159-8-3/5-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36159-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36175-8-3/5-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	5.00	3.00	8.00	45TD36
SW2CS36175-8-5-AA			10.50	5.00	—	8.00	45TD36
SW2CS36175-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36180-8-3/5-AA	1800	1590 (54/19)	10.50	5.00	3.00	8.00	45TD36
SW2CS36180-8-5/7-AA			10.50	7.00	5.00	8.00	45TD36
SW2CS36180-18-3/5-AA			10.50	5.00	3.00	18.00	45TD36
SW2CS44200-6-3/5-AA	2000	1780 (84/19)	11.50	5.00	3.00	6.00	65TD44
SW2CS44200-8-3/5-AA			11.50	5.00	3.00	8.00	65TD44
SW2CS44200-8-5/7-AA			11.50	7.00	5.00	8.00	65TD44
SW2CS44230-8-3/5-AA	2250	2156 (84/19), 2167 (72/7)	11.50	5.00	3.00	8.00	65TD44
SW2CS44230-8-5/7-AA			11.50	7.00	5.00	8.00	65TD44
SW2CS44250-8-3/5-AA	2500	2312 (76/19)	11.50	5.00	3.00	8.00	65TD44
SW2CS44250-8-5/7-AA			11.50	7.00	5.00	8.00	65TD44

TYPE SWAS-AA

Swage Split Cable Spacer

Material

Aluminum Alloy



Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)		DIE SIZE	EST. WEIGHT (lbs)	VOLTAGE RATING (kV)
	AAC	ACSR	A	B			
SWAS1613-8-AA	2/0	1/0	9.00	8.00	45TD16	2.51	230
SWAS1613-12-AA	2/0	1/0	9.00	12.00	45TD16	3.39	230
SWAS1625-8-AA	250	4/0	9.00	8.00	45TD16	2.26	230
SWAS1625-12-AA	250	4/0	9.00	12.00	45TD16	3.15	230
SWAS2026-8-AA	266.8	266.8 (18/1)	9.00	8.00	45TD20	2.90	345
SWAS2026-12-AA	266.8	266.8 (18/1)	9.00	12.00	45TD20	3.78	345
SWAS2030-8-AA	300	266.8 (26/7)	9.00	8.00	45TD20	2.83	345
SWAS2030-12-AA	300	266.8 (26/7)	9.00	12.00	45TD20	3.72	345
SWAS2035-8-AA	336.4, 350	300 (26/7), 336.4 (18/1)	9.00	8.00	45TD20	2.74	345
SWAS2035-12-AA	336.4, 350	300 (26/7), 336.4 (18/1)	9.00	12.00	45TD20	3.62	345
SWAS2039-8-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	9.00	8.00	45TD20	2.62	345
SWAS2039-12-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	9.00	12.00	45TD20	3.50	345
SWAS2445-8-AA	450	397.5 (24/7), 397.5 (26/7)	9.13	8.00	45TD24	3.41	345
SWAS2445-12-AA	450	397.5 (24/7), 397.5 (26/7)	9.13	12.00	45TD24	4.29	345
SWAS2447-8-AA	477	397.5 (30/7)	9.13	8.00	45TD24	3.35	345
SWAS2447-12-AA	477	397.5 (30/7)	9.13	12.00	45TD24	4.23	345
SWAS2450-8-AA	500	477 (18/1)	9.13	8.00	45TD24	3.32	345
SWAS2450-12-AA	500	477 (18/1)	9.13	12.00	45TD24	4.20	345
SWAS2455-8-AA	556.5	477 (24/7), 477 (26/7)	9.13	8.00	45TD24	3.19	345
SWAS2455-12-AA	556.5	477 (24/7), 477 (26/7)	9.13	12.00	45TD24	4.07	345
SWAS2860-8-AA	600	477 (30/7), 556.5 (18/1)	10.00	8.00	45TD28	4.38	345
SWAS2860-12-AA	600	477 (30/7), 556.5 (18/1)	10.00	12.00	45TD28	5.26	345
SWAS2863-8-AA	636	556.5 (24/7), 556.5 (26/7)	10.00	8.00	45TD28	4.30	345
SWAS2863-12-AA	636	556.5 (24/7), 556.5 (26/7)	10.00	12.00	45TD28	5.19	345
SWAS2871-8-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	10.00	8.00	45TD28	4.17	345
SWAS2871-12-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	10.00	12.00	45TD28	5.05	345

continued
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TYPE SWAS-AA

Swage Split Cable Spacer

Ordering Information

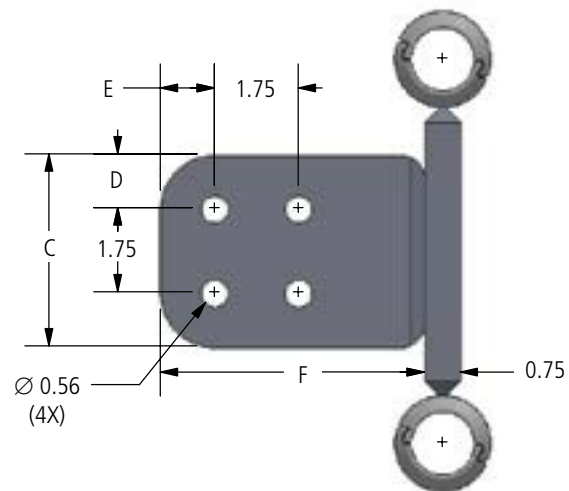
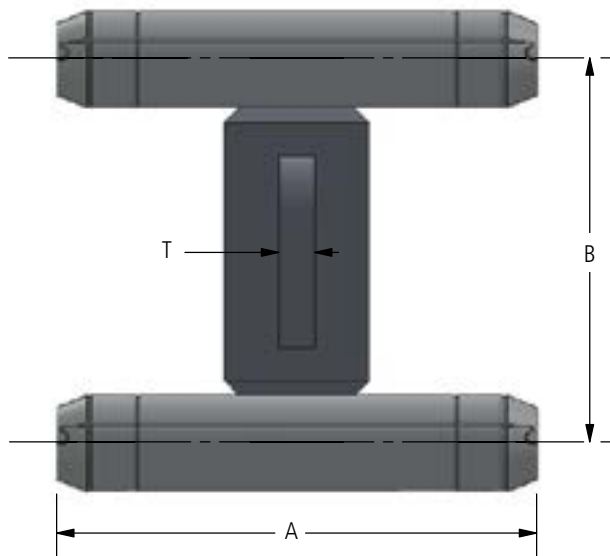
AFL NO.	CABLE RANGE		DIMENSIONS (inches)		DIE SIZE	EST. WEIGHT (lbs)	VOLTAGE RATING (kV)
	AAC	ACSR	A	B			
SWAS3075-8-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	10.00	8.00	45TD30	4.70	345
SWAS3075-12-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	10.00	12.00	45TD30	5.58	345
SWAS3079-4-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	4.00	45TD30	3.67	345
SWAS3079-6-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	6.00	45TD30	4.50	345
SWAS3079-8-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	8.00	45TD30	4.55	345
SWAS3079-12-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	12.00	45TD30	5.43	345
SWAS3087-8-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	10.00	8.00	45TD30	4.37	345
SWAS3087-12-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	10.00	12.00	45TD30	5.26	345
SWAS3290-6-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	10.00	6.00	45TD32	4.90	500
SWAS3290-8-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	10.00	8.00	45TD32	4.94	500
SWAS3290-12-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	10.00	12.00	45TD32	5.82	500
SWAS3295-8-AA	954	795 (30/19), 900 (45/7)	10.00	8.00	45TD32	4.89	500
SWAS3295-12-AA	954	795 (30/19), 900 (45/7)	10.00	12.00	45TD32	5.78	500
SWAS32100-8-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	10.00	8.00	45TD32	4.81	500
SWAS32100-12-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	10.00	12.00	45TD32	5.69	500
SWAS32103-8-AA	1033.5	954 (54/7)	10.00	8.00	45TD32	4.71	500
SWAS32103-12-AA	1033.5	954 (54/7)	10.00	12.00	45TD32	5.59	500
SWAS32111-8-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	8.00	45TD32	4.52	500
SWAS32111-12-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	12.00	45TD32	5.40	500
SWAS36119-8-AA	1192.5	1113 (45/7)	10.50	8.00	45TD36	6.12	500
SWAS36119-12-AA	1192.5	1113 (45/7)	10.50	12.00	45TD36	7.00	500
SWAS36127-4-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	4.00	45TD36	5.09	500
SWAS36127-6-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	6.00	45TD36	5.53	500
SWAS36127-8-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	8.00	45TD36	5.97	500
SWAS36127-12-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	12.00	45TD36	6.86	500
SWAS36135-8-AA	1351.5	1192.5 (54/19), 1272 (45/7)	10.50	8.00	45TD36	5.96	500
SWAS36135-12-AA	1351.5	1192.5 (54/19), 1272 (45/7)	10.50	12.00	45TD36	6.84	500
SWAS36143-8-AA	1431	1272 (54/19), 1351.5 (45/7)	10.50	8.00	45TD36	5.78	500
SWAS36143-12-AA	1431	1272 (54/19), 1351.5 (45/7)	10.50	12.00	45TD36	6.66	500
SWAS36151-8-AA	1510.5	1351.5 (54/19), 1431 (45/7)	10.50	8.00	45TD36	5.60	500
SWAS36151-12-AA	1510.5	1351.5 (54/19), 1431 (45/7)	10.50	12.00	45TD36	6.48	500
SWAS36159-4-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	4.00	45TD36	6.00	500
SWAS36159-8-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	8.00	45TD36	5.45	500
SWAS36159-12-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	12.00	45TD36	6.34	500
SWAS36159-18-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	18.00	45TD36	6.20	500
SWAS36175-8-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	8.00	45TD36	5.07	500
SWAS36175-12-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	12.00	45TD36	5.95	500
SWAS36175-18-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	18.00	45TD36	5.82	500
SWAS36180-8-AA	1800	1590 (54/19)	10.50	8.00	45TD36	4.90	500
SWAS36180-12-AA	1800	1590 (54/19)	10.50	12.00	45TD36	5.79	500
SWAS36180-18-AA	1800	1590 (54/19)	10.50	18.00	45TD36	7.11	500
SWAS44200-6-AA	2000	1780 (84/19)	11.50	6.00	65TD44L	8.40	500
SWAS44200-8-AA	2000	1780 (84/19)	11.50	8.00	65TD44L	8.84	500
SWAS44200-12-AA	2000	1780 (84/19)	11.50	12.00	65TD44L	9.72	500
SWAS44230-8-AA	2250	2156 (84/19), 2167 (72/7)	11.50	8.00	65TD44L	8.22	500
SWAS44230-12-AA	2250	2156 (84/19), 2167 (72/7)	11.50	12.00	65TD44L	9.11	500
SWAS44250-8-AA	2500	2312 (76/19)	11.50	8.00	65TD44L	7.61	500
SWAS44250-12-AA	2500	2312 (76/19)	11.50	12.00	65TD44L	8.49	500
SWAS44250-18-AA	2500	2312 (76/19)	11.50	18.00	65TD44L	9.82	500

TYPE SWAS-N-AA

Swage Split Cable Spacer with NEMA Pad

Material

Aluminum Alloy



Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)								DIE SIZE
	AAC	ACSR	A	B	C	D	E	F	T		
SWAS1613-8-4N4-AA	2/0	1/0	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD16	
SWAS1625-8-4N4-AA	250	4/0	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD16	
SWAS2026-8-4N4-AA	266.8	266.8 (18/1)	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD20	
SWAS2030-8-4N4-AA	300	266.8 (26/7)	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD20	
SWAS2035-8-4N4-AA	336.4, 350	300 (26/7), 336.4 (18/1)	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD20	
SWAS2039-8-4N4-AA	397.5	336.4 (26/7), 336.4 (30/7), 397.5 (18/1)	9.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD20	
SWAS2445-8-4N4-AA	450	397.5 (24/7), 397.5 (26/7)	9.13	8.00	4.00	1.13	1.13	5.50	0.75	45TD24	
SWAS2447-8-4N4-AA	477	397.5 (30/7)	9.13	8.00	4.00	1.13	1.13	5.50	0.75	45TD24	
SWAS2450-8-4N4-AA	500	477 (18/1)	9.13	8.00	4.00	1.13	1.13	5.50	0.75	45TD24	
SWAS2455-8-4N4-AA	556.5	477 (24/7), 477 (26/7)	9.13	8.00	4.00	1.13	1.13	5.50	0.75	45TD24	

continued
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TYPE SWAS-N-AA

Swage Split Cable Spacer with NEMA Pad

Ordering Information

AFL NO.	CABLE RANGE		DIMENSIONS (inches)							DIE SIZE
	AAC	ACSR	A	B	C	D	E	F	T	
SWAS2860-8-4N4-AA	600	477 (30/7), 556.5 (18/1)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD28
SWAS2863-8-4N4-AA	636	556.5 (24/7), 556.5 (26/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD28
SWAS2871-8-4N4-AA	700, 715.5	556.5 (30/7), 605 (24/7), 605 (26/7), 636 (18/1), 636 (36/1)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD28
SWAS3075-8-4N4-AA	750	605 (30/7), 605 (30/19), 636 (24/7), 636 (26/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD30
SWAS3079-8-4N4-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD30
SWAS3079-6-4N4-AA	795	636 (30/7), 636 (30/19), 666.6 (24/7), 666.6 (26/7), 715.5 (24/7), 715.5 (54/7), 795 (36/1)	10.00	6.00	4.00	1.13	1.13	5.50	0.75	45TD30
SWAS3087-8-4N4-AA	874.5	715.5 (26/7), 715.5 (30/19), 795 (45/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD30
SWAS3290-8-4N4-AA	900	795 (24/7), 795 (54/7), 795 (26/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS3295-6-4N4-AA	954	795 (30/19), 900 (45/7)	10.00	6.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS3295-8-4N4-AA	954	795 (30/19), 900 (45/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS32100-8-4N4-AA	1000	874.5 (54/7), 900 (54/7), 954 (45/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS32103-8-4N4-AA	1033.5	954 (54/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS32111-8-4N4-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	8.00	3.00	0.63	0.63	4.50	0.75	45TD32
SWAS32111-8-4N4-AA	1113	1033.5 (45/7), 1033.5 (54/7)	10.00	8.00	4.00	1.13	1.13	5.50	0.75	45TD32
SWAS36119-8-4N4-AA	1192.5	1113 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36127-8-4N4-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36127-12-4N4-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	12.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36127-18-4N4-AA	1272	1113 (54/19), 1192.5 (45/7)	10.50	18.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36135-8-4N4-AA	1351.5	1192.5 (54/19), 1272 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36143-8-4N4-AA	1431	1272 (54/19), 1351.5 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36151-8-4N4-AA	1510.5	1351.5 (54/19), 1431 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36159-8-4N4-AA	1590	1431 (54/19), 1510.5 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36175-8-4N4-AA	1750	1510.5 (54/19), 1590 (45/7)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36180-8-4N4-AA	1800	1590 (54/19)	10.50	8.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS36180-18-4N4-AA	1800	1590 (54/19)	10.50	18.00	4.00	1.13	1.13	5.50	0.75	45TD36
SWAS44200-8-4N4-AA	2000	1780 (84/19)	11.50	8.00	4.00	1.13	1.13	5.50	1.00	65TD44
SWAS44230-8-4N4-AA	2250, 2300	2156 (84/19), 2167 (72/7)	11.50	8.00	4.00	1.13	1.13	5.50	1.00	65TD44
SWAS44230-18-4N4-AA	2250, 2300	2156 (84/19), 2167 (72/7)	11.50	18.00	4.00	1.13	1.13	5.50	1.00	65TD44
SWAS44250-8-4N4-AA	2500	2312 (76/19)	11.50	8.00	4.00	1.13	1.13	5.50	1.00	65TD44

SWGRS

Swage Grease, 4 oz. bottle

Swage Grease is used to cut down on friction and contact between the Swage Dies and the Press Head and Die Block. This will ensure long life for dies, press head and die block.

Application

Swage Grease is applied generously to the back of each die and to the contacting surfaces of the die head and die block using the squirt bottle. After application, spread out grease with finger to ensure complete coverage is achieved between the surfaces.

NOTE: Apply Swage Grease each time after cleaning tool.



Ordering Information

AFL NO.	Description
SWGRS	Swage Grease, 4 oz. bottle

AFL Filler Compound

AFL Filler Compound (AFC) improves the mechanical holding strength and conductivity of compression fittings. Stored in a dry environment, AFC has an infinite shelf life.

Applications

Filler compound for compression accessories operating at temperatures up to 180°C (355°F). Example: dead ends, compression joints, terminals and jumper connectors.

Features

Wide Temperature Tolerance

AFC is stiff but workable at low temperatures. To improve the workability, AFC can be diluted with 5% kerosene (by weight).

Improves Holding Strength and Conductivity

AFC contains hard, metallic particles (grit). During compression, the grit is embedded between the conductor and the accessory, creating an irregular surface which provides two benefits: (1) increases the holding strength when tension is applied and (2) improves conductivity by breaking the oxide layer on bare metal to metal connections.

Weather Resistant

AFC is forced between the conductor strands during compression, filling voids and sealing out the harmful effects of air and moisture.

Fits Standard Caulking Gun

For easy filling of compression accessories, AFC is available in a tube that fits a standard caulking gun.

Visible Fill Line

AFL is the only supplier that features a visible fill line along the length of the cartridge which allows the user to visually check the fullness of the tube.



Ordering Information

AFL NO.	PACKAGING
AFC10T	Carton of 10, 1 lb. (451 g) Tubes - Fits Standard Caulking Gun
AFC1GAL	1 Gallon Pail, 11 lbs. (5 kg)
AFC5GAL	5 Gallon Pail, 55 lbs. (25 kg)

For more information, contact the AFL Technical Support Team at 1.800.866.7385.

PE-NUT Electric Two-Stage Pump

The PE-NUT Electric Two-Stage Pump is extremely durable yet lightweight. It will operate under low-line voltage conditions. The two-stage pumping system of this unique, intermittent-duty pump is designed for years of dependable service. The PE-NUT pump is ideal for running any 10,000 PSI tool up to and including the 60 ton press.

Features

- 5/8 HP universal electric motor (50/60 cycle)
- Two-stage pump for rapid ram advance
- Operational under low-line voltage conditions
- Optional operating pressures available; consult AFL for details
- Designed for use with spring-returned remote tools
- High-pressure safety relief valve
- Remote hand control with 10-foot cord
- Carrying handle
- Factory filled oil reservoir
- Pressure matched quick-coupler supplied
- Optional carrying case
- Unique, intermittent duty pump
- Piston-type high-pressure pump supercharged by a low-pressure pump

Specifications

PARAMETER	VALUE
Electric Motor	5/8 HP dual phase, 115 VAC, 50/60 Hz, 11 amps
Electric Control	Remote control with 10-foot cord
Oil Delivery per minute	160 cu. in. per min. @ 100 PSI 30 cu. in. per min. @ 10,000 PSI
Oil Reservoir	0.4 gallon (1.5 liters)
Overall Length	14.38 in (36.53 cm)
Overall Width	6.5 in (16.51 in)
Overall Height	8.25 in (20.95 in)
Pump Weight with oil	28 lbs (12.70 kg)

Ordering Information

AFL NO.	DESCRIPTION
PE-NUTC	10,000 PSI Electric Two-Stage Pump with Remote Control and Case



CAUTION: Designed for Crimping Application Only! This system should not be used for lifting.

WARNING: Do not operate any compression tool without dies.

15GBM Gas Hydraulic Pump

The 15GBM is a gas powered pump that produces 10,000 PSI of hydraulic pressure. It is designed to handle any high pressure tool up to and including the 60 ton press. The two-stage pumping system allows for rapid ram advance. The "suc-o-matic" valve helps tools retract faster. The manual control has three settings: advance, hold and retract. Whether making one crimp or 1,000 crimps, the 15GBM is the lightweight, portable answer.

Features

- 10,000 PSI high-pressure pump
- Powered by a 3.75 HP Briggs and Stratton engine
- Manual control valve
- Designed to operate single acting tools
- High pressure relief valve
- Pressure matched quick coupler supplied
- Protective carrying cage
- "Suc-o-matic" valve reduces retraction time
- Sight gauge to determine hydraulic oil level

Technical Data

PARAMETER	VALUE
Gas Powered Motor	3.75 HP Briggs and Stratton Engine
Control	Manual control valve
Oil Delivery per minute	400 cu in @ 600 PSI 50 cu in @ 10,000 PSI
Oil Reservoir	2 gallons (7.40 liters)
Overall Length	12.25 in (31.12 cm)
Overall Width	12.25 in (31.13 cm)
Overall Height	20.25 in (51.44 cm)
Pump Weight with oil	53 lbs (24.09 kg)

Ordering Information

AFL NO.	DESCRIPTION
15GBM	10,000 PSI Gas Powered Hydraulic Pump with Manual Control



WARNING: Do not operate any compression tool without dies.

30GBM Gas Hydraulic Pump

The 30GBM is a gas powered pump that produces 10,000 PSI of hydraulic pressure. It is designed to operate any 10,000 PSI compression tool. The two-stage pumping system allows for rapid ram advance. The “suc-o-matic” valve helps tools retract faster. The manual control has three settings: advance, hold and retract. The 30GBM is designed for continuous duty.

Features

- 10,000 PSI high-pressure pump
- Powered by a 6 HP Briggs and Stratton engine
- Manual control valve
- Designed to operate single acting tools only
- High pressure relief valve
- Pressure matched quick coupler supplied
- Protective carrying cage
- Sight gauge to determine hydraulic oil level



Technical Data

PARAMETER	VALUE
Gas Powered Motor	6.0 HP Briggs and Stratton Engine
Control	Manual control valve
Oil Delivery per minute	430 cu in @ 400 PSI 125 cu in @ 10,000 PSI
Oil Reservoir	2 gallons (7.40 liters)
Overall Length	21.75 in (55.25 cm)
Overall Width	19.75 in (50.17 cm)
Overall Height	24.50 in (62.23 cm)
Pump Weight with oil	135 lbs (61.36 kg)

Ordering Information

AFL NO.	DESCRIPTION
30GBM	10,000 PSI Gas Powered Hydraulic Pump with Manual Control

WARNING: Do not operate any compression tool without dies.

30GHR Gas Hydraulic Pump

The 30GHR is a gas powered pump that produces 10,000 PSI of hydraulic pressure. The two-stage pumping system allows for rapid ram advance. The unloading pressure of the pump is 1,000 PSI. The 30GHR comes with a remote control with a 10 foot cord and is designed for continuous duty.

Features

- 10,000 PSI high-pressure pump
- Powered by a 5.5 HP Honda engine
- Remote control with 10 foot cord
- Designed to operate single acting and double acting tools
- High-pressure relief valve
- Pressure matched quick coupler supplied
- Protective carrying cage
- Sight gauge to monitor hydraulic oil level



Technical Data

PARAMETER	VALUE
Gas Powered Motor	5.5 HP Honda Engine
Control	Remote Control with 10 foot cord
Oil Delivery per minute	430 cu in @ 400 PSI 125 cu in @ 10,000 PSI
Oil Reservoir	2 gallons (7.40 liters)
Overall Length	21.75 in (55.25 cm)
Overall Width	19.75 in (50.17 cm)
Overall Height	24.50 in (62.23 cm)
Pump Weight with oil	135 lbs (61.36 kg)

Ordering Information

AFL NO.	DESCRIPTION
30GHR	10,000 PSI Gas Powered Hydraulic Pump with Remote Control

WARNING: Do not operate any compression tool without dies.

Hydraulic Hoses

The 1/4" (0.635 cm) non-conductive, orange hose is made of an insulated, synthetic material. It allows a high flow rate for faster ram movement. Hoses are available with or without couplers for operating pressures of 10,000 PSI with a 4 to 1 burst ratio. Hoses are pre-filled with oil and pressure tested. The hoses are 3/8" NPT male thread on both ends and quick disconnects are 3/8" NPT female.



Ordering Information

AFL NO.	DESCRIPTION
6HOSEM/F	6 Foot Hose with Male/female Couplers (1.83 Meters)
6HOSEM/M	6 Foot Hose with Male/male Couplers (1.83 Meters)
10HOSEM/F	10 Foot Hose with Male/female Couplers (3.04 Meters)
10HOSEM/M	10 Foot Hose with Male/male Couplers (3.04 Meters)
15HOSEM/F	15 Foot Hose with Male/female Couplers (4.37 Meters)
15HOSEM/M	15 Foot Hose with Male/male Couplers (4.37 Meters)
25HOSEM/F	25 Foot Hose with Male/female Couplers (7.62 Meters)
25HOSEM/M	25 Foot Hose with Male/male Couplers (7.62 Meters)

WARNING: Hoses connecting hydraulic equipment should not extend straight upward more than 25 feet (7.6 meters).

Swage Connectors Installed on 250 kcmil Copper Conductor IEEE 837-2014

TEST	CLAUSe	NUMBER OF SAMPLES PER TEST
Mechanical		
Electromagnetic Force Test	7.2	4
Sequential Test Groups		
Current-Temperature Cycling	8.1-8.7	4 for salt spray sequence
Freeze-Thaw	9.1-9.5	
Corrosion—Salt Spray, Acid	10.1-10.3	4 for acid sequence
Fault Current	11.1-11.8	

PERFORMANCE CRITERIA

Mechanical Test

EMF

The maximum allowable movement of the test conductor after two EMF surges shall not exceed either 10 mm or the outer diameter of the conductor, whichever is less.

Sequential Tests

Temperature Criteria

The temperature of the connections tested shall not exceed the temperature of the control conductor.

Resistance Criteria

The resistance of the connection for the salt spray sequence and acid sequence, shall not be greater than 1.5 times the initial total resistance value.

Fault-Current Criteria

Connections shall not melt, separate from, or move in relation to the pre-marked conductor and must meet the resistance criteria. The conductor shall not fuse within 50 mm of either end of a connection under test.

CONCLUSIONS

From the above results, the following conclusions are made:

- I. Current-Temperature Cycling Test—All connectors met the temperature criteria during the current-temperature cycling test.
- II. Freeze-Thaw Cycling Test—All four (4) Acid Bath Sequence samples from met the resistance criteria specified in IEEE Std. 837-2014.
- III. Corrosion Tests—All connectors passed the visual evaluations conducted after the corrosion tests. The surfaces of connectors were rusty and had light to moderate pitting. The resistance ratios of the salt fog sequence samples were within the acceptable range, well below the 1.5 ratio.
- IV. Fault Current Tests—All connectors passed the visual evaluation conducted after the fault current test. All four (4) Salt Spray Sequence, after the fault current test, met the resistance criteria specified in IEEE Std. 837-2014.
- V. SWGC20.625 swaged, ground grid connectors connected to 250 kcmil stranded copper conductor on both sides passed the requirements of Sequential Testing as specified in IEEE Std. 837-2014.
- VI. EMF Test—All connectors passed the visual evaluations conducted after the fault surges. The resistance ratios of the EMF test samples met the resistance criteria specified in the latest draft of IEEE Std. 837-2014.

continued
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Swage Connectors Installed on 250 kcmil Copper Conductor

Table 1—Resistance Measurements for Connectors Subjected to the Acid Bath Sequence, Corrected to 20°C

Subtest: Acid Bath Sequence	Connector #1 (milli-Ohms)	Connector #2 (milli-Ohms)	Connector #3 (milli-Ohms)	Connector #4 (milli-Ohms)	Control Cond. #1 (milli-Ohms)
Initial Resistance (A)	0.2078	0.2062	0.1802	0.1888	0.1946
After Current Temperature Cycling	0.2007	0.2006	0.1778	0.1845	0.1894
After Freeze Thaw Cycling (B)	0.2061	0.2040	0.1798	0.1873	0.1906
Ratio (B/A)	0.99	0.99	1.00	1.00	0.98
Outcome	PASS	PASS	PASS	PASS	N/A
Data for information only (not part of IEEE 837 requirement):					
After Acid Bath Test	0.2210	0.2223	0.1955	0.2025	0.2150
After Fault Current (C)	0.2189	0.2199	0.1975	0.2061	0.2179
Ratio (C/A)	1.05	1.07	1.10	1.09	1.12

Table 2—Resistance Measurements for Connectors Subjected to the Salt Fog Sequence, Corrected to 20°C

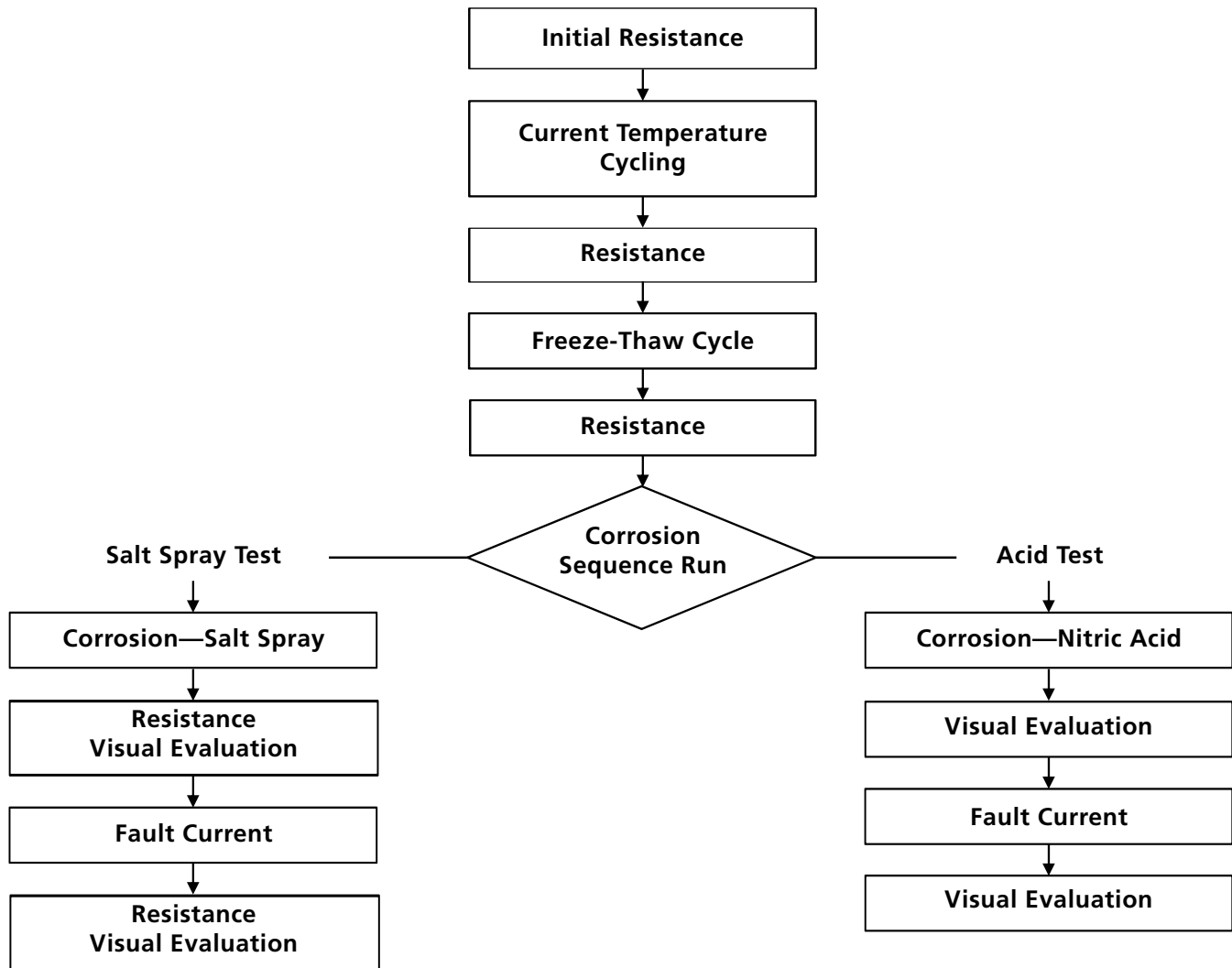
Subtest: Salt Spray Sequence	Connector #5 (milli-Ohms)	Connector #6 (milli-Ohms)	Connector #7 (milli-Ohms)	Connector #8 (milli-Ohms)	Control Cond. #2 (milli-Ohms)
Initial Resistance (A)	0.2096	0.2047	0.2071	0.2123	0.1937
After Current Temperature Cycling	0.2020	0.1989	0.2015	0.2012	0.1894
After Freeze Thaw Cycling	0.2075	0.2028	0.2061	0.2080	0.1904
After Salt Fog	0.2089	0.2093	0.2107	0.2153	0.2170
After Fault Current (B)	0.2189	0.2194	0.2215	0.2221	0.2007
Ratio (B/A)	1.00	1.02	1.02	1.01	1.12
Outcome	PASS	PASS	PASS	PASS	N/A

Table 3—Resistance Measurements for Connectors Subjected to EMF Test, Corrected to 20°C

EMF TEST	Connector #1 (milli-Ohms)	Connector #2 (milli-Ohms)	Connector #3 (milli-Ohms)	Connector #4 (milli-Ohms)
Initial Resistance (A)	0.180	0.182	0.183	0.181
After EMF Test (B)	0.208	0.219	0.213	0.215
Ratio (B/A)	1.16	1.21	1.16	1.18
Outcome	PASS	PASS	PASS	PASS

continued
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Corrosion Test Sequence, as Illustrated in IEEE Std. 837



2-inch Schedule 80 Aluminum Bus

This test must meet NEMA CC-1 standards.

Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.
- The average temperature of an expansion electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The hot-spot temperature rise on an expansion connector shall not exceed the average temperature rise by more than 10 Degrees Celsius.

Loop Test Setup

AFL provided and assembled the following connectors (one of each) into a loop according to NEMA CC-1.

- SWXL200-4N4-AA
- SWC200-AA
- SWT200-200-AA
- SWTS200-200-AA
- SWTPC200-4N4-AA



Test loop installed and connected.

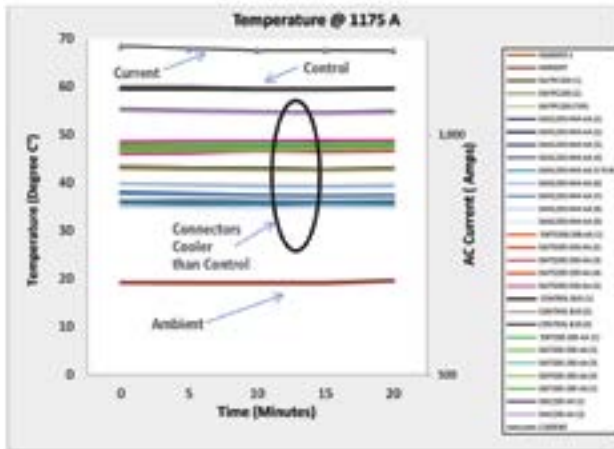
The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 1175 amps (100%)
- 1462 amps (125%)
- 1762 amps (150%)

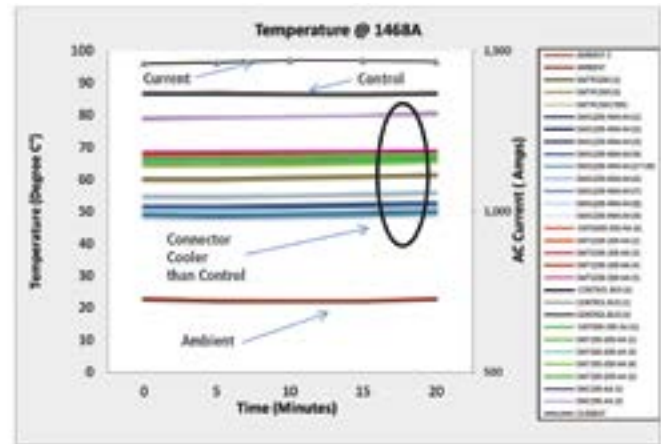
Circuit's resistance was measured before and after the test.

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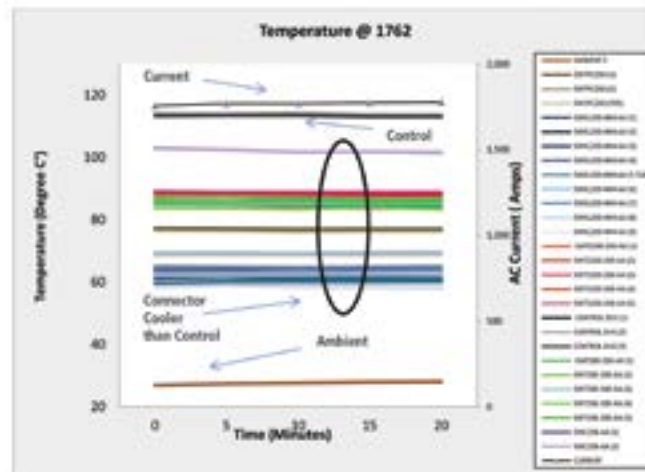
2-inch Schedule 80 Aluminum Bus



Graph 1—Temperatures at 100% during stability period.



Graph 2—Temperatures at 125% during stability period.



Graph 3—Temperatures at 150% during stability period.

**Table 1—Expansion Terminal Temperatures
SWXL200-4N4-AA**

Current (Amp)	Average Temp (°C)	min. Temp (°C)	Max Temp (°C)
1175	36.8	34.8	39.8
1468	50.6	47.5	56.0
1762	62.7	58.2	69.7

Table 2—Resistance Before and After Testing

Resistance Measured Included Connectors and Conductor	$\mu\Omega$ Before	$\mu\Omega$ After
Total Loop at 50A	276	272

3-inch Schedule 40 Aluminum Bus

This test must meet NEMA CC-1 standards.

Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.
- The average temperature of an expansion electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The hot-spot temperature rise on an expansion connector shall not exceed the average temperature rise by more than 10 Degrees Celsius.

Loop Test Setup

AFL provided and assembled the following connectors (one of each) into a loop according to NEMA CC-1.

- SWXL300-4N4-AA
- SWC300-AA
- SWT300-300-AA
- SWTS300-300-AA
- SWTPC300-4N4-AA



Test loop installed and connected.

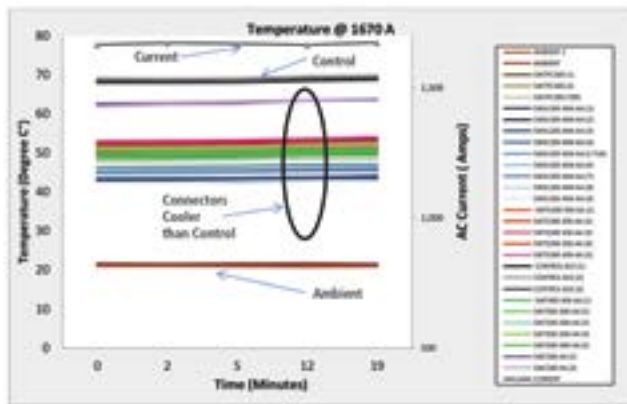
The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 1670 amps (100%)
- 2088 amps (125%)
- 2505 amps (150%)

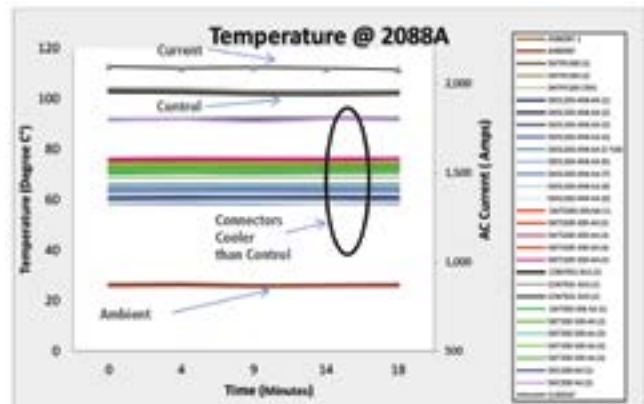
Circuit's resistance was measured before and after the test.

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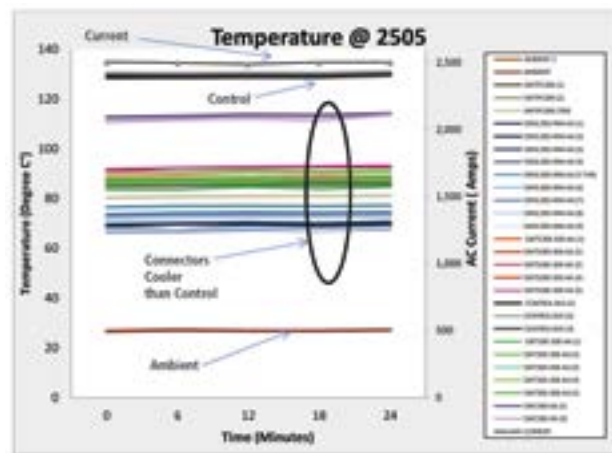
3-inch Schedule 40 Aluminum Bus



Graph 1—Temperatures at 100% during stability period.



Graph 2—Temperatures at 125% during stability period.



Graph 3—Temperatures at 150% during stability period.

**Table 1—Expansion Terminal Temperatures
SWXL300-4N4-AA**

Current (Amp)	Average Temp (°C)	min. Temp (°C)	Max Temp (°C)
1670	44.3	42.3	47.0
2088	60.9	57.8	65.0
2505	71.0	66.2	77.0

Table 2—Resistance Before and After Testing

Resistance Measured Included Connectors and Conductor	$\mu\Omega$ Before	$\mu\Omega$ After
Total Loop at 50A	216	217

4-inch Schedule 80 Aluminum Bus

This test must meet NEMA CC-1 standards.

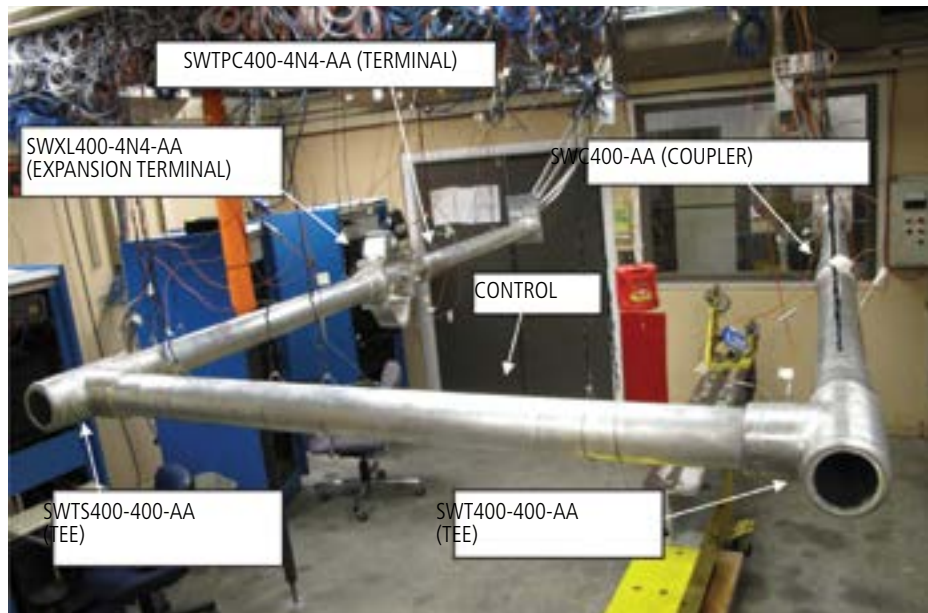
Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.
- The average temperature of an expansion electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The hot-spot temperature rise on an expansion connector shall not exceed the average temperature rise by more than 10 Degrees Celsius.

Loop Test Setup

AFL provided and assembled the following connectors (one of each) into a loop according to NEMA CC-1.

- SWXL400-4N4-AA
- SWC400-AA
- SWT400-400-AA
- SWTS400-400-AA
- SWTPC400-4N4-AA



Test loop installed and connected.

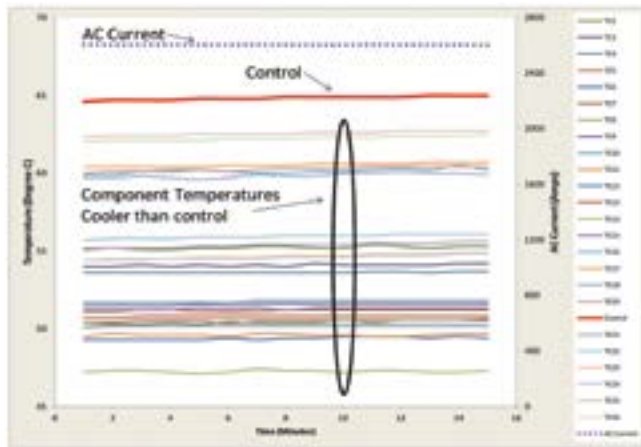
The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 2605 amps (100%)
- 3256 amps (125%)
- 3908 amps (150%)

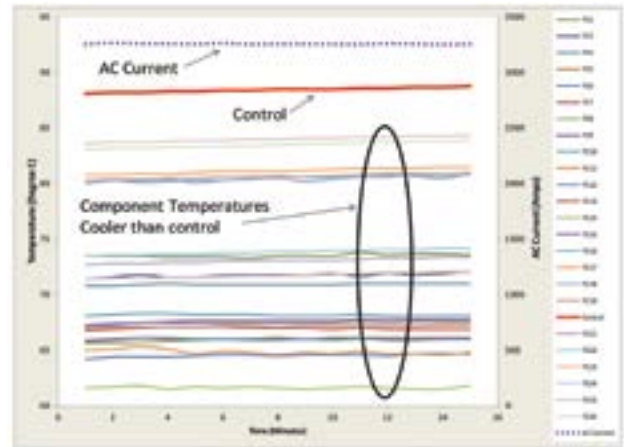
Circuit's resistance was measured before and after the test.

continued
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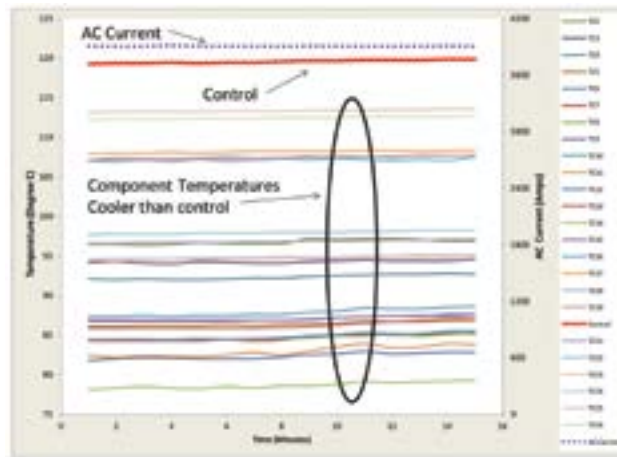
4-inch Schedule 80 Aluminum Bus



Graph 1— Temperatures at 100% during stability period.



Graph 2— Temperatures at 125% during stability period.



Graph 3— Temperatures at 150% during stability period.

**Table 1—Expansion Terminal Temperatures
SWXL400-4N4-AA**

Current (Amp)	Average Temp (°C)	Acceptance Temp (°C)	Min. Temp (°C)	Max Temp (°C)
2605	50.4	60.4	47.3	51.8
3256	66.0	76.0	61.6	68.2
3908	84.8	94.8	78.7	87.9

Table 2—Resistance Before and After Testing

Resistance Measured Included Connectors and Conductor	Before $\mu\Omega$ at 25.8°C	After $\mu\Omega$ at 24.1°C
Total Loop	97.1	96.9

5-inch Schedule 80 Aluminum Bus

This test must meet NEMA CC-1 standards.

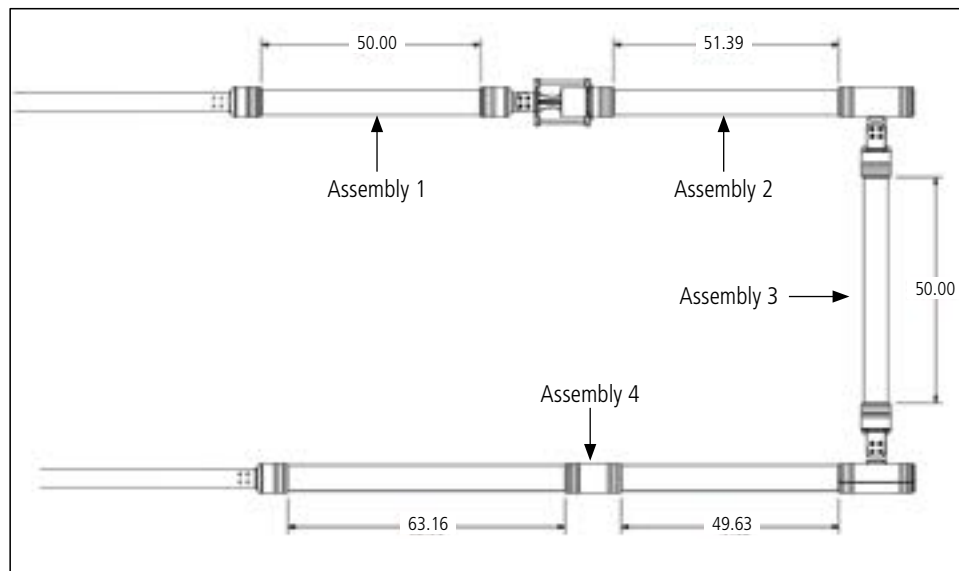
Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.
- The average temperature of an expansion electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The hot-spot temperature rise on an expansion connector shall not exceed the average temperature rise by more than 10 Degrees Celsius.

Loop Test Setup

AFL provided and assembled the following connectors (one of each) into a loop according to NEMA CC-1.

- SWTC500-4N4-5.5-AA
- SWTP500-4N4-AA
- SWC500-AA
- SWTCS500-4N4-5.5-AA
- SWXL500-4N4-AA



Test loop circuit layout.

The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 3641 amps (100%)
- 4559 amps (125%)
- 5478 amps (150%)

Circuit's resistance was measured before and after the test.

continued
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5-inch Schedule 80 Aluminum Bus

Temperature Rise Test Results

	100%		125%		150%	
Average current over last half hour of test (A)	3641.1		4558.9		5477.7	
Average ambient over last half hour of test (°C)	14.4		18.7		20.4	
Thermocouple	Temperature (°C)					
	Rise	Limit	Rise	Limit	Rise	Limit
SWTP500-4N4-AA (Assembly 4)	53.2	56.5	81.1	86.8	111.0	122.6
SWC500-AA (Assembly 4)	49.3	52.4	74.8	79.9	104.8	112.5
SWTCS500-4N4-5.5-AA (Assembly 4)	42.0	48.3	60.5	73.0	83.6	102.3
SWTP500-4N4-AA (Assembly 3)	49.4	53.4	72.5	79.1	102.4	114.8
SWTP500-4N4-AA (Assembly 3)	48.6	53.4	69.6	79.1	99.3	114.8
SWTC500-4N4-5.5-AA (Assembly 2)	41.1	47.6	57.8	70.3	81.8	100.2
SWXL500-4N4-AA (Assembly 2)	42.3	47.6	62.0	70.3	86.8	100.2
SWTP500-4N4-AA (Assembly 1)	51.1	56.7	77.1	88.6	108.4	122.8
SWTP500-4N4-AA (Assembly 1)	55.0	56.7	81.3	88.6	111.9	122.8

Swage Cable Connectors on 795 ACSR DRAKE Bare Cable Conductor

This test must meet NEMA CC-1 standards.

Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.

Loop Test Setup

AFL provided the following connectors that were pre-assembled and compressed with the conductor per NEMA CC-1.

- SWCC3290-AA (quantity = 1)
- SWCT3290-4N-AA (quantity = 2)
- SWCTA3290-4N-90-AA (quantity = 2)
- SWCTA3290-4N-45-AA (quantity = 2)



Test loop installed and connected.

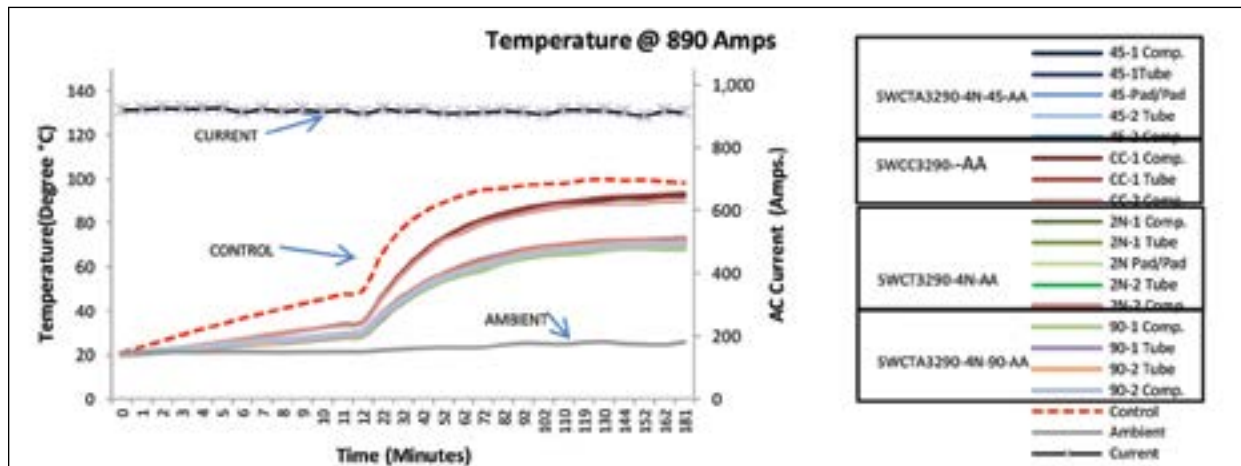
The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 890 amps (100%)
- 1110 amps (125%)
- 1335 amps (150%)

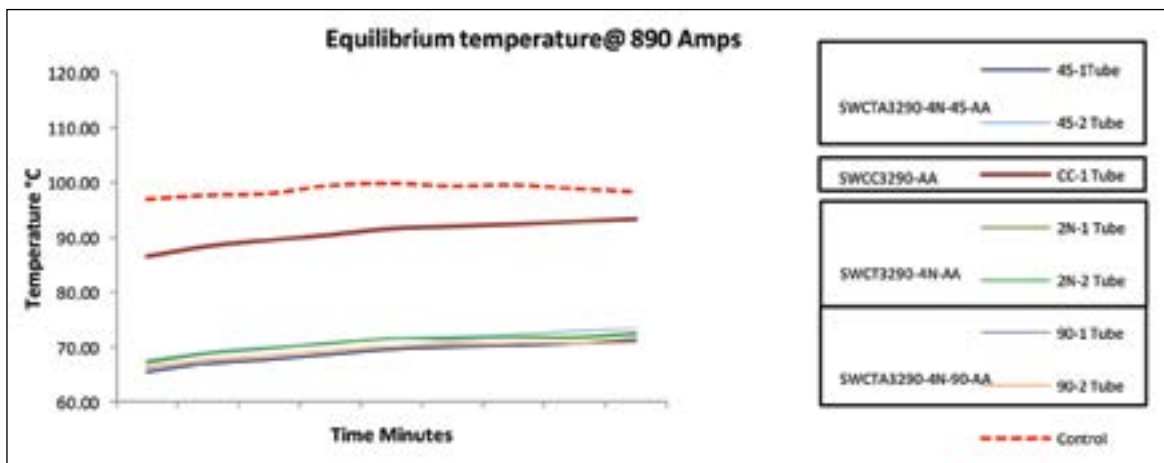
Circuit's resistance was measured before and after the test.

continued
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Swage Cable Connectors on 795 ACSR DRAKE Bare Cable Conductor



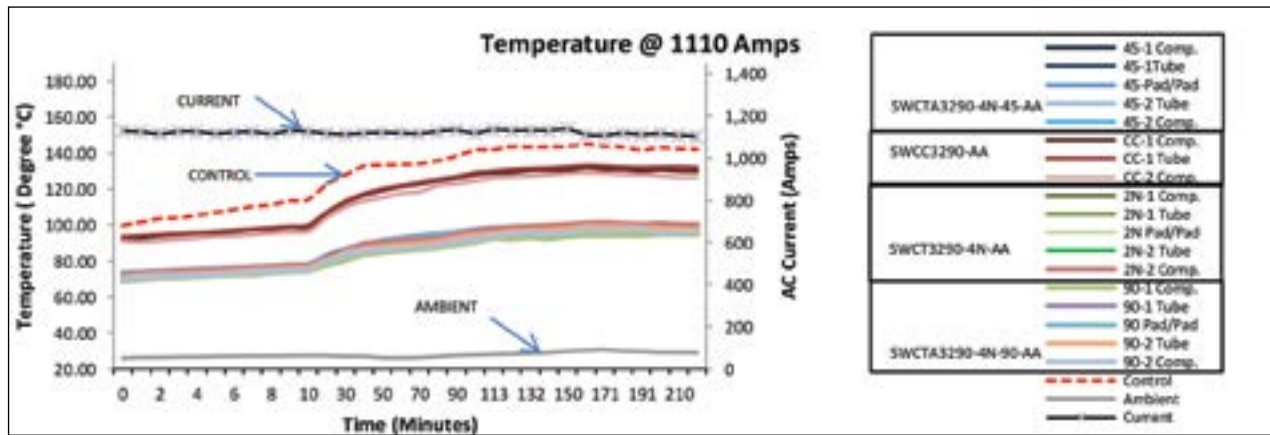
Graph 1—Temperature at 890 Amps



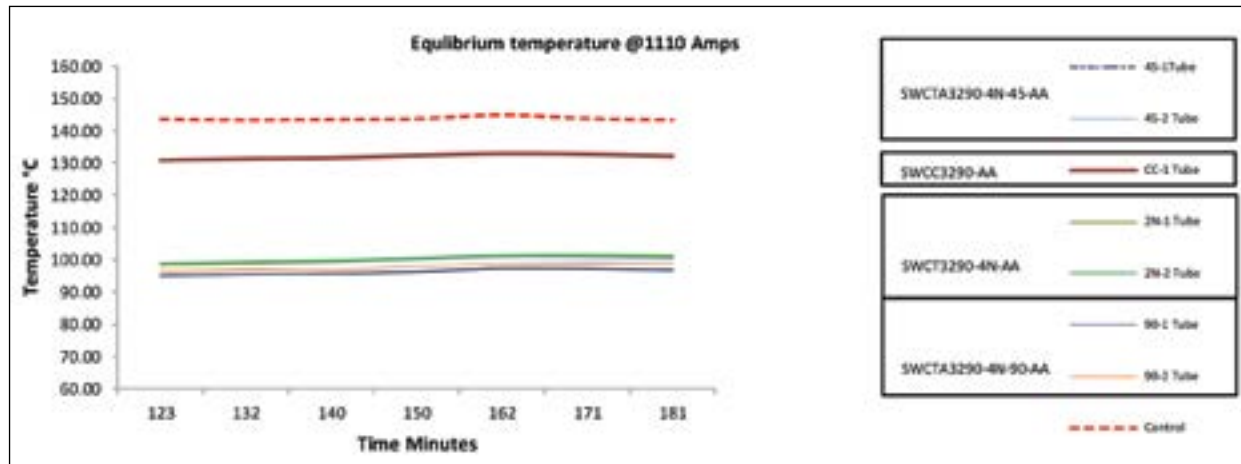
Graph 2—Equilibrium Temperature at 890 Amps

continued
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Swage Cable Connectors on 795 ACSR DRAKE Bare Cable Conductor



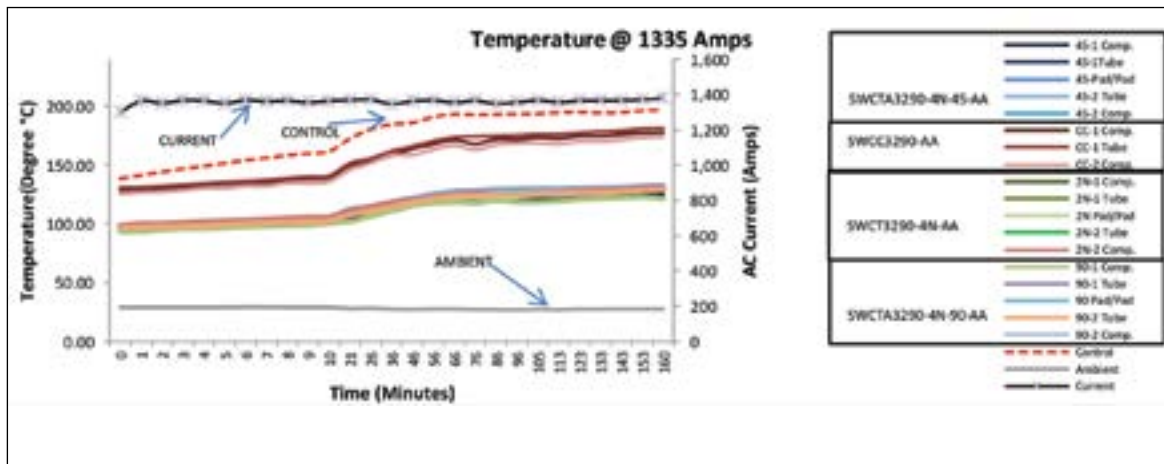
Graph 3—Temperature at 1110 Amps



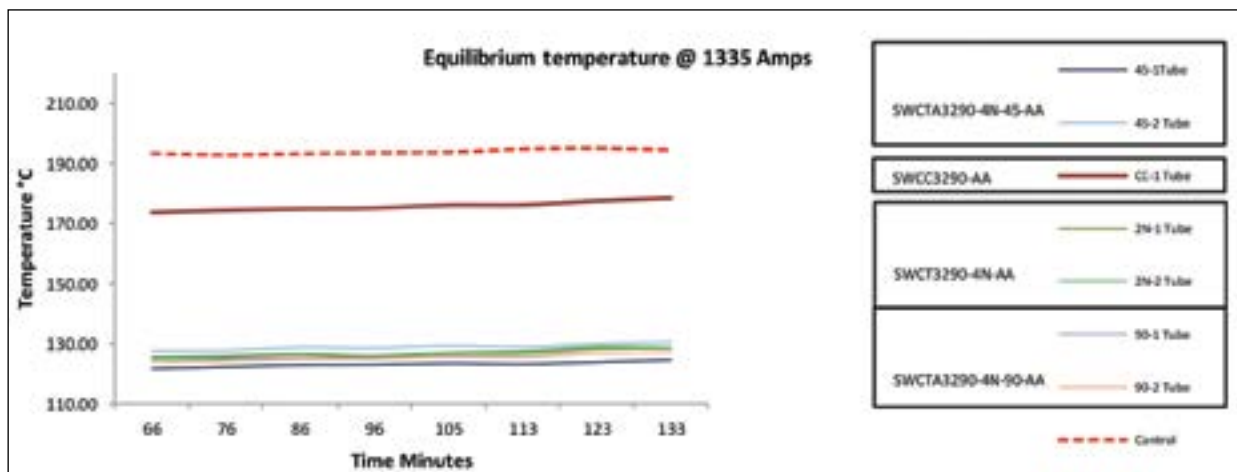
Graph 4—Equilibrium Temperature at 1110 Amps

continued
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Swage Cable Connectors on 795 ACSR DRAKE Bare Cable Conductor



Graph 5—Temperature at 1335 Amps



Graph 6—Equilibrium Temperature at 1335 Amps

Table 1 shows the resistance measurements before and after the testing. The resistance showed no change.

Table 1—Resistance Before and After Testing

Resistance Measured Included Connectors and Conductors	$\mu\Omega$ Before	$\mu\Omega$ After
Total Loop at 50A	574	571

Conclusions

All connectors meet the requirements of NEMA CC-1.

Swage Cable Connectors on 1272 ACSR BITTERN Bare Cable Conductor

This test must meet NEMA CC-1 standards.

Criteria

- The temperature rise of an electric power connector shall not exceed the temperature rise of the conductor with which it is intended to be used.
- The temperature rise of an electric power connector that connects conductors of varying sizes shall not exceed the temperature rise of the conductor having the highest temperature rise.

Loop Test Setup

AFL provided the following connectors that were pre-assembled and compressed with the conductor per NEMA CC-1.

- SWCC36135-AA (quantity = 1)
- SWCTA36135-4N-AA (quantity = 2)
- SWCTA36135-4N-90-AA (quantity = 2)
- SWCTA36135-4N-45-AA (quantity = 2)



Test loop installed and connected.

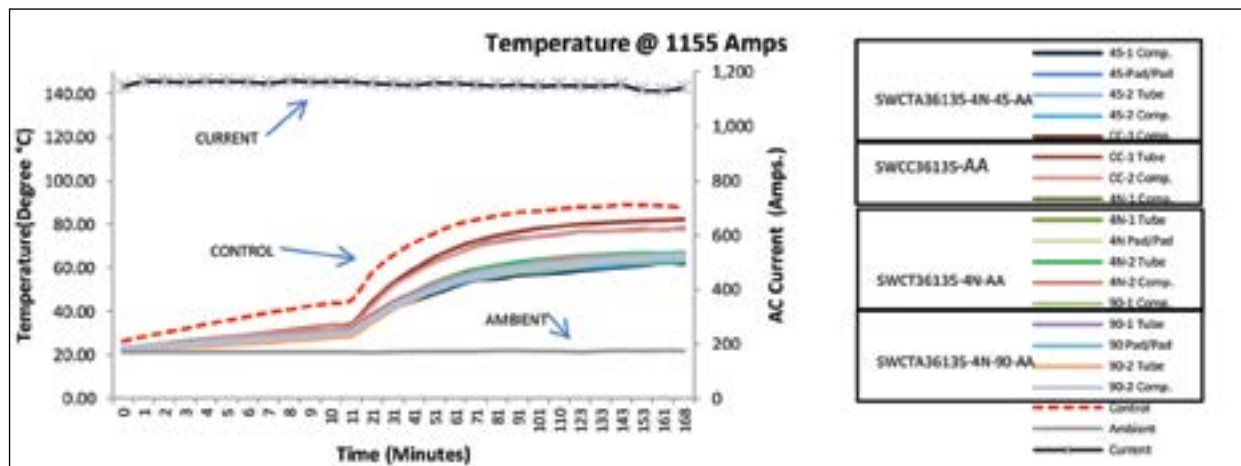
The loop was instrumented with thermocouples. All thermocouples were connected to the data logger system. Current was applied in the following levels:

- 1155 amps (100%)
- 1445 amps (125%)
- 1732 amps (150%)

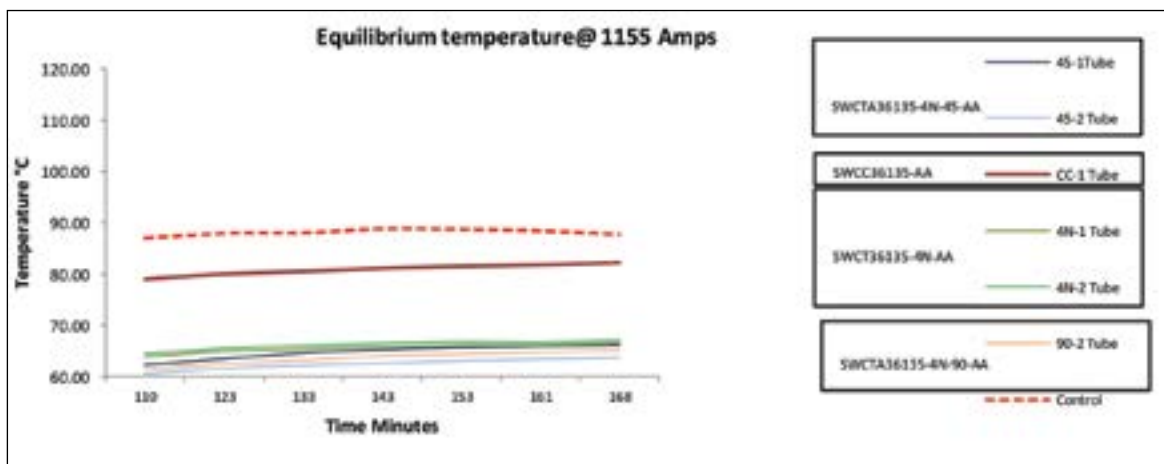
Circuit's resistance was measured before and after the test.

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Swage Cable Connectors on 1272 ACSR BITTERN Bare Cable Conductor



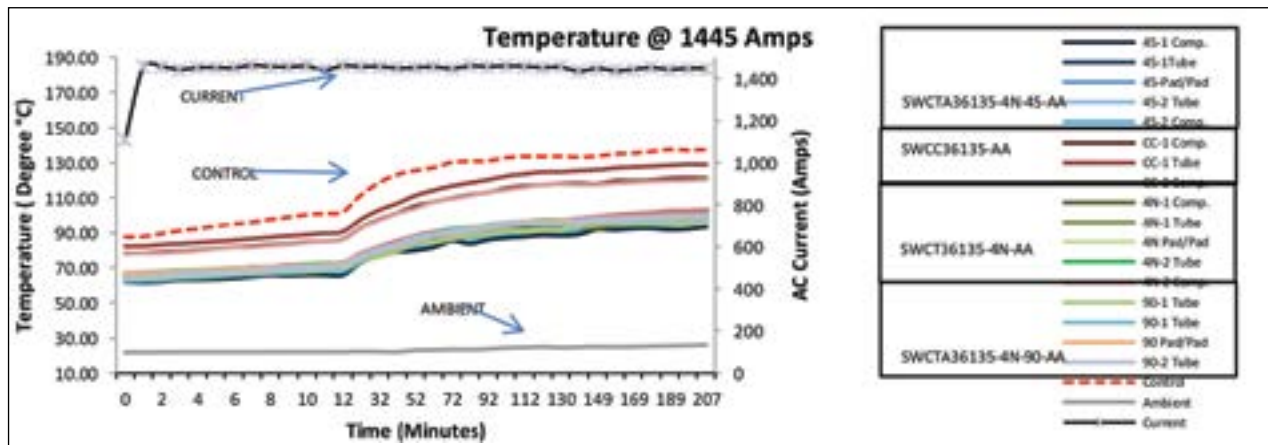
Graph 1—Temperature at 1155 Amps



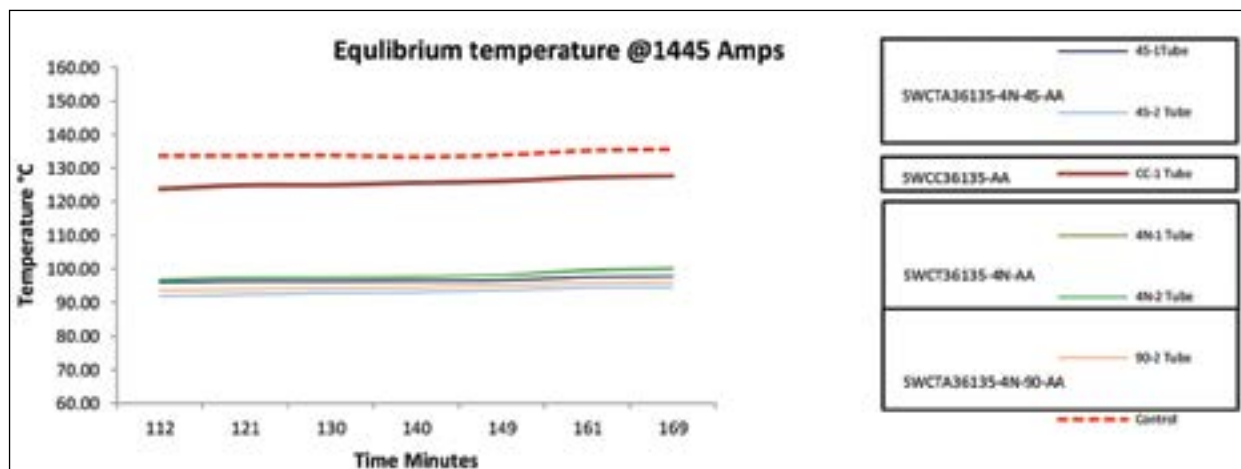
Graph 2—Equilibrium Temperature at 1155 Amps

continued
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Swage Cable Connectors on 1272 ACSR BITTERN Bare Cable Conductor



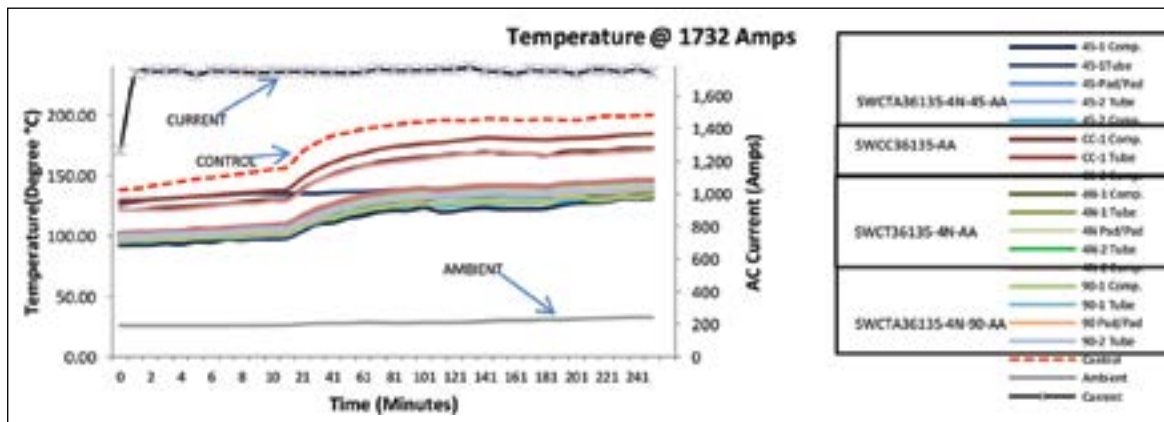
Graph 3—Temperature at 1445 Amps



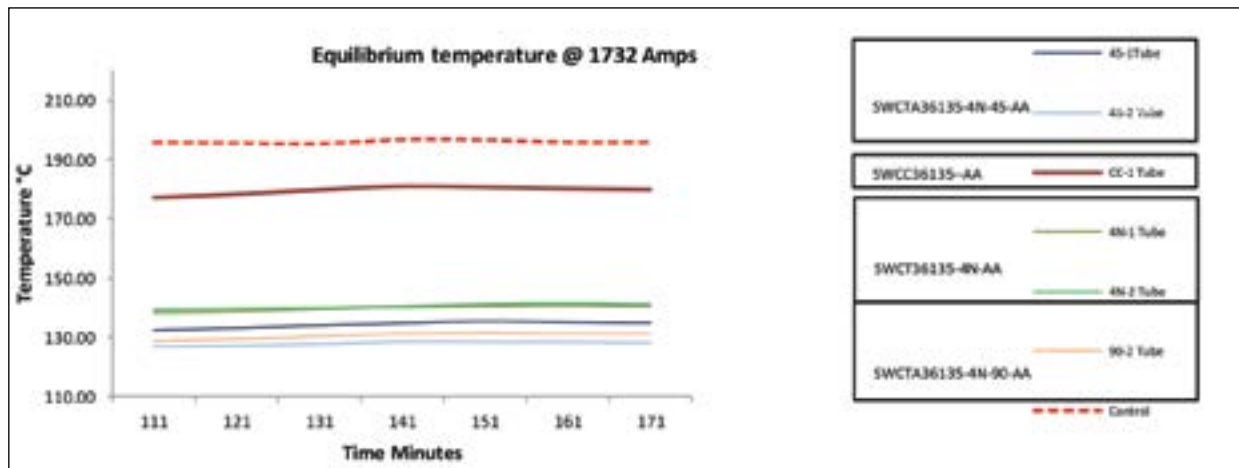
Graph 4—Equilibrium Temperature at 1445 Amps

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Swage Cable Connectors on 1272 ACSR BITTERN Bare Cable Conductor



Graph 5—Temperature at 1732 Amps



Graph 6—Equilibrium Temperature at 1732 Amps

Table 1 shows the resistance measurements before and after the testing. The resistance showed no change.

Table 1—Resistance Before and After Testing

Resistance Measured Included Connectors and Conductors	$\mu\Omega$ Before	$\mu\Omega$ After
Total Loop at 50A	376	378

Conclusions

All connectors meet the requirements of NEMA CC-1.

Swage Tool Assembly and Overview Instructions

1. Apply Swage lube to the head, die block and the outside of each Swage die. Spread evenly with fingers.
2. With the die faceplate off, slide die into grooved area of the head ensuring it sits correctly in the bottom faceplate.



3. Install the top faceplate to lock the die into the head assembly using a Phillips head screw driver. Repeat steps for the die block assembly.



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Swage Tool Assembly and Overview Instructions

4. Attach the die block to power unit by holding the unlock button on the side of the die block. Slide the pin into bottom and release lock.



6. Remove safety caps from the bottom of power unit and the hose fitting. Insert hose fitting into power unit and tighten to ensure a tight seal.



5. Slide the head assembly on to the power unit and ensure the rollers on the die block roll into place. **(Note: Incorrect assembly could damage the tool and dies when compressed. Ensure your press head is aligned with the power unit.)**



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Swage Tool Maintenance Instructions

1. Disassemble press head from power unit.
2. Disassemble press head: Remove the die face plates and the top die.
3. Use aerosol parts cleaner to spray press head, die and face plates. Wipe off with a clean rag to remove any grease, dirt or debris.
4. Reassemble press head: Re-install one face plate on the press head, apply Swage grease to the press head surface that comes in contact with the die when assembled, apply Swage grease to the outside of the die, then install the die into the press head. Next, install the second face plate.
5. Remove the die block from the power unit.
6. Disassemble the die block by removing both face plates and die.
7. Use aerosol parts cleaner to spray die block, die and face plates. Wipe off with a clean rag to remove any grease, dirt or debris.
8. Reassemble die block: Re-install one face plate on the die block, apply Swage grease to the die block surface that comes in contact with the die when assembled, apply Swage grease to the outside of the die, then install the die into the die block. Next, install the second face plate.
9. Use aerosol parts cleaner to spray the power unit. Wipe off with a clean rag to remove any grease, dirt or debris.
10. Re-install the die block onto the power unit. Then re-install the press head assembly.

NOTE: THE 45 AND 65 TON PRESS SHOULD BE CLEANED AFTER EACH USE AND/OR WHEN DIES ARE CHANGED.

Preventive Maintenance Instructions

Before Each Use:

- Ensure the swivel is secured tightly.
- Ensure the quick disconnect is tight and works properly
- Ensure the piston is fully retracted and flush with the top of the power unit surface.
- Ensure the die block lock button is operating properly and that the die block engages into the power unit correctly.
- Ensure the quick disconnect is tight and works properly.
- After the 45 or 65 Ton Press is fully assembled, run to full compression a few times to ensure there are no leaks and/or lack of compression.

Other Things to Inspect:

- Check Swage dies for debris between slots and for any cracks. Clean the dies using a wire brush and a rag to remove metal chips, excess grease and dirt between the slots of the dies. Use a rag to “floss” each groove in the die blocks. (See Tool Maintenance Instructions for more information.)
- Perform die penetrate inspection on the cylinder and head at least once per year.

Swage Grounding Installation Instructions

NOTE: VISUALLY INSPECT ALL TOOLS, ACCESSORIES AND FITTINGS PRIOR TO BEGINNING THE INSTALLATION PROCEDURE. INSPECT CONDUCTOR ACCESSORIES AND ENSURE THAT THE FITTING IS NOT OBSTRUCTED. ENSURE YOU HAVE THE CORRECT TOOLS; SEE TABLE 1.

Table 1

FITTING OD (inches)	DIE SIZE	HEAD	FILLER DIE	PRESS
1.00	45TD16	45THA20	—	45TPU
1.25	45TD20	45THA20	—	45TPU
1.50	45TD24	45THA36	B11336-15	45TPU
1.75	45TD28	45THA36	B11336-15	45TPU
1.88	45TD30	45THA36	B11336-15	45TPU
2.00	45TD32	45THA36	—	45TPU
2.25	45TD36	45THA36	—	45TPU
2.75	65TD44L	65THA200L	—	65TPU-L

1. Clean and prepare the cable end.

Using a brass or stainless steel wire brush, brush and thoroughly clean the conductor to be used with the Swage grounding connector.



2. Assemble the cable connector fitting with the cable.

Insert the cleaned end of the conductor into the barrel of the grounding fitting to be used. Using the sight/weep hole, ensure that the conductor is at the bottom of the cavity and mark the insertion depth on the conductor with a permanent ink marker.



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Swage Grounding Installation Instructions

3. Make the Swage compression.

With the tooling assembled, insert the grounding connector in the tool. Align the raised Swage mark (line) on the connector with the raised portion of the teeth of the dies (contact surface) and the end of the connector. Insert the cable in to the grounding connector to the ink mark on the conductor and compress to 10,000 PSI.

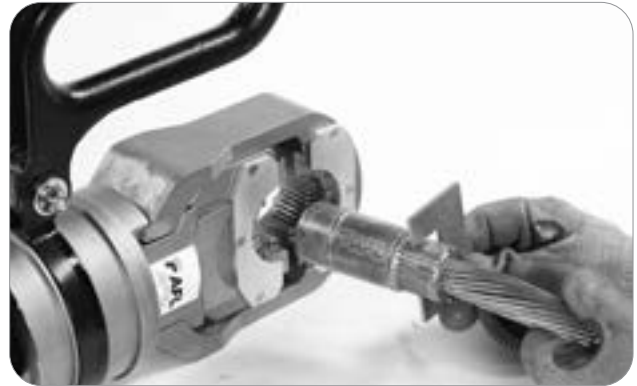


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Swage Grounding Installation Instructions

4. Make the proper Swage connection.

Use appropriate go/no-go gauge and measure the crimped area for fit. If the gauge fits compressed area, compression is complete. If the gauge does not fit the compressed area, check hydraulic pump for correct pressure and fluid level. Re-squeeze to ensure full compression and re-check.



5. Properly inspect the Swage compression.

Verify complete compression was achieved by using the "Swage Gauge." See Fig. 5a. Place the –GO/NO-GO– gauge over Swage compression area to ensure the gauge fits over the full compression area. Confirm that the accessory touches the deepest point of gauge. See Fig. 5b and 5c. If the "Swage Gauge" does not slide over compressed area, then re-swage the fitting and re-inspect using the –GO/NO-GO– gauge ensuring they touch the compression mark.



Fig. 5a



Fig. 5b

Repeat steps 1-5 for each Grounding Fitting.

Swage Bus Installation Instructions

Note: Visually inspect all tools, accessories and fittings prior to beginning the installation procedure. Inspect conductor accessories and ensure the bore of each fitting is lined with AFL Filler Compound (AFC).

1. Verifying the Outer Diameter of the Pipe

Use the “Swage Gauge,” SWGGB Series, as shown in Fig. 1 to ensure the pipe’s outer diameter is larger than the –NO GO– diameter. Refer to Table 1 below for gauge sizes, die sizes and pipe insertion lengths.

Table 1

AFL NO.	S.P.S.	DEPTH OF INSERTION		DIE SIZE
		MIN.	MAX.	
SWGGB100	1	1.5	2	65TD100
SWGGB150	1.5	1.5	2	65TD150
SWGGB200	2	2	2.5	65TD200
SWGGB250	2.5	2	2.5	65TD250
SWGGB300	3	3	3.5	65TD300
SWGGB350	3.5	3	3.5	65TD350
SWGGB400	4	3	3.5	65TD400
SWGGB500	5	5	5.75	85TD500
SWGGB600	6	6	6.75	115TD600



Fig. 1

2. Cleaning and Preparing the Outside of the Pipe

Using an emery pad (Fig. 2a) followed by a wire brush (Fig. 2b), clean the pipe end. Remove any oil, oxidation or burrs on exterior of the pipe. Be sure to prepare an area greater than the max insertion depth listed in Table 1.



Fig. 2a



Fig. 2b

continued
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Swage Bus Installation Instructions

3. Measuring the Insertion Depth

Use the “Swage Gauge” to mark the insertion depth by placing the gauge pin against the end of the pipe. Ensure the marking window (MIN/MAX) is on the pipe side and mark the pipe depth through the window. See Fig. 3a and 3b.



Fig. 3a



Fig. 3b

4. Assembly of the Bus Connector Fitting Over the Pipe

Slide the bus connector fitting over the pipe until the end of the connector reaches the insertion depth. Ensure the Bus Connector end is between the marked MIN/MAX. See Fig. 4.



Fig. 4

5. Assembly of the Hydraulic Pump to the Power Swage Press

Connect the 65 Ton Power Unit to the hydraulic pump using the quick disconnect hose. See Fig. 5.



Fig. 5

continued
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Swage Bus Installation Instructions

6. Swaging the Bus Connector Fittings

Using the correct 65TD die set, listed in Table 1, assemble the power unit with the press head. Position the press perpendicular on the pipe as shown below in Fig. 6. Ensure the die teeth are in-line with the Swage lines on both sides. Compress the bus connector to 10,000 psi.



Fig. 6—NOTE: COMPLETE DIE CLOSURE IS REQUIRED ON ALL COMPRESSIONS.



Fig. 7—NOTE: ALWAYS PROPERLY POSITION YOURSELF TO THE SWAGE PRESS WHEN COMPRESSION IS IN PROGRESS. KEEP CLEAR OF THE PRESS HOSE. SEE FIG. 7.

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Swage Bus Installation Instructions

7. Visually Inspecting the Swage

Verify complete compression was achieved by using the “Swage Gauge”. Place –GO– gauge over Swage compression to ensure all three points touch the compression mark. Confirm that the points touch both from the top profile and side profile (90°). See Fig. 8. If the “Swage Gauge” does not touch all three points on both profiles, re-swage the fitting and re-inspect using the –GO– points ensuring they touch the compression mark.

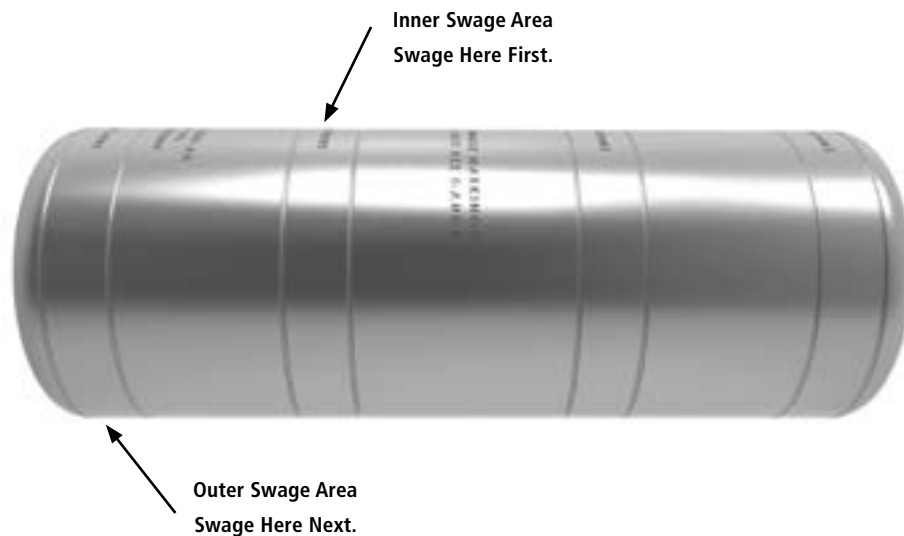
Repeat steps 1-7 for each Bus Connector Fitting.



Fig. 8

Double Swage Bus Connector Fitting

AFL also offers some connector fittings which need two Swage compressions on each side of the fitting. The process is the same as a single swage compression, although the inner Swage lines should be compressed first, followed by the outer Swage lines. See Fig. 9.



Swage Cable Installation Instructions

NOTE: VISUALLY INSPECT ALL TOOLS, ACCESSORIES AND FITTINGS PRIOR TO BEGINNING THE INSTALLATION PROCEDURE. INSPECT CONDUCTOR ACCESSORIES AND ENSURE THE BORE OF EACH FITTING IS LINED WITH AFL FILLER COMPOUND (AFC). ENSURE YOU HAVE THE CORRECT TOOLS; SEE TABLE 1.

Table 1

AFL NO.	FITTING O.D. (inches)	DIE SIZE	HEAD	FILLER DIE	DIE END PLATE	PRESS
SWGGC16	1	45TD16	45THA20	—	D10985-1	45TPU
SWGGC20	1.25	45TD20	45THA20	—	D10985-1	45TPU
SWGGC24	1.5	45TD24	45THA36	B11336-15	D11340-2	45TPU
SWGGC28	1.75	45TD28	45THA36	B11336-15	D11340-2	45TPU
SWGGC30	1.875	45TD30	45THA36	B11336-15	D11340-2	45TPU
SWGGC32	2	45TD32	45THA36	—	D11340-1	45TPU
SWGGC36	2.25	45TD36	45THA36	—	D11340-1	45TPU
SWGGC44	2.75	65TD44L	65THA200L	—	B10933-1	65TPU-L

1. Clean and prepare the cable end.

Cut the cable strands at the end to ensure all strands are even with each other. Clean at least 4 inches of the cable end using ConductaClean® (Fig. 1a) or a wire brush (Fig. 1b). Remove any oil, oxidation or burrs on exterior.



Fig. 1a



Fig. 1b

2. Assembly of the cable connector fitting with the cable

Insert the cable into the cable connector fitting until the end of the cable is visible through the inspection hole. See Fig. 2.

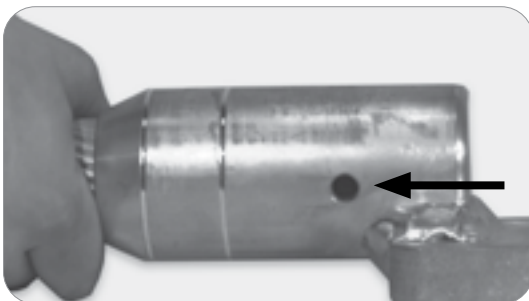


Fig. 2

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Swage Cable Installation Instructions

3. Assembly of the Hydraulic Pump to the Power Swage Press

Connect the 45 Ton Power Unit or 65 Ton Power Unit to the hydraulic pump using the quick-disconnect hose. See Fig. 3.

NOTE: Use 45TPU for die sizes: 16-36 and use 65TPU-L for die size: 44L.



Fig. 3

4. Swaging the Cable Connector Fittings

Using the correct 45TD or 65TD die set, listed in Table 1, assemble the power unit with the press head. Position the press perpendicular on the accessory as shown below in Fig. 4. Ensure the die teeth are in-line with the Swage lines on both sides. Compress the cable connector to 10,000 psi.



Fig. 4a—NOTE: Complete die closure is required on all compressions.



Fig. 4b—NOTE: Always properly position yourself to the Swage Press when compression is in progress. Keep clear of the press hose. See Fig. 6.

continued
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Swage Cable Installation Instructions

5. Visually Inspecting the Swage

Verify complete compression was achieved by using the "Swage Gauge." See Fig. 5a. Place –GO– gauge over Swage compression to ensure the gauge fits over the compression mark. Confirm that the accessory touches the deepest point of gauge. See Fig. 5b and 5c. If the "Swage Gauge" does not touch the depth, please re-swage the fitting and re-inspect using the –GO– gauge ensuring they touch the compression mark.

Repeat steps 1-5 for each Cable Connector Fitting.

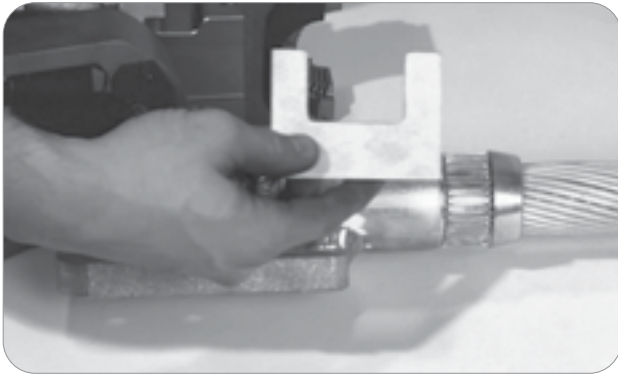


Fig. 5a

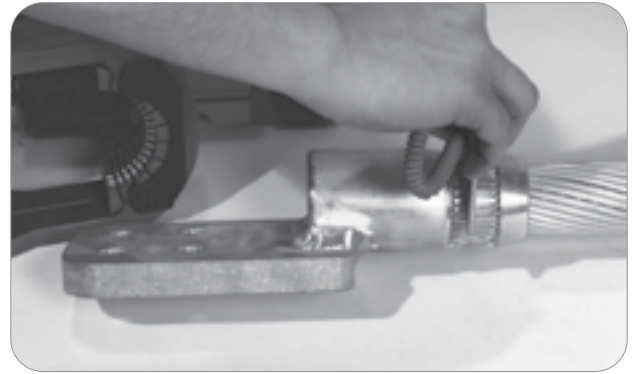


Fig. 5b

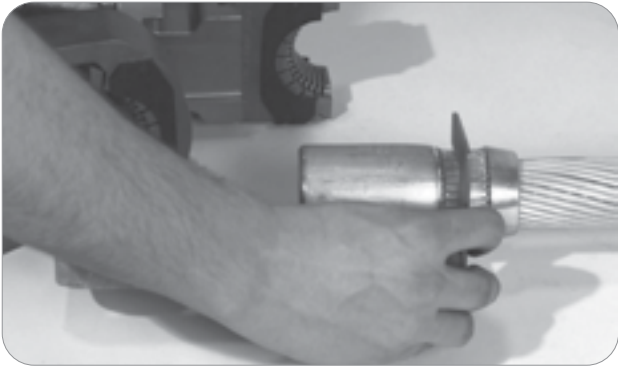
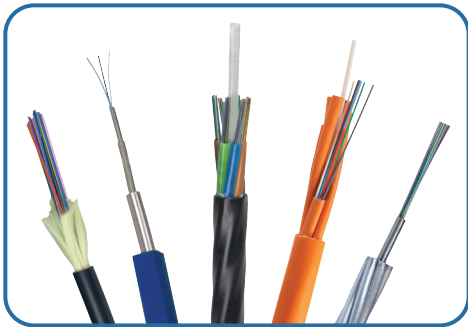


Fig. 5c

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