

TYPE SWTC-AA Swage Bus to NEMA Pad

A Swage type bus tap with a NEMA pad.

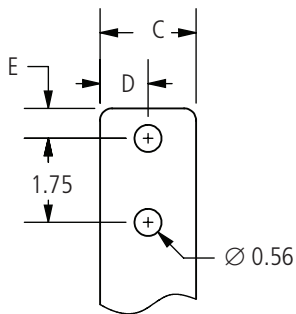
Material

Aluminum Alloy

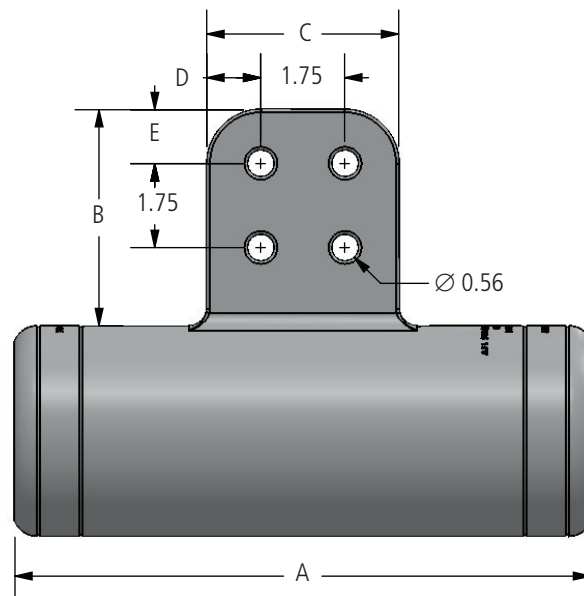
Notes

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

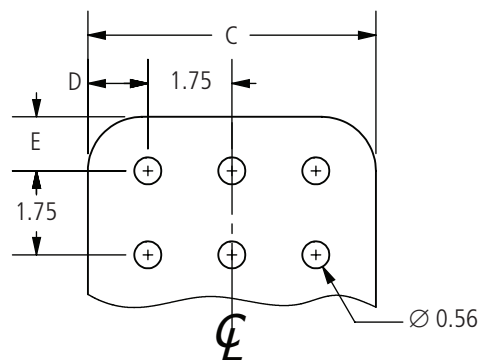
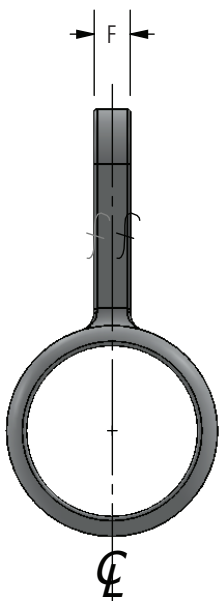
f—Machine Finish



Pad Detail 1



Pad Detail 2



Pad Detail 3

continued
→

TYPE SWTC-AA

Swage Bus to NEMA Pad

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

TABLE 2

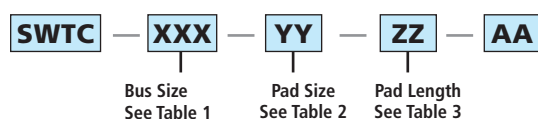
AFL NO.	PAD DETAIL	DIMENSIONS IN INCHES			VOLTAGE RATING (kV)*
		C	D	E	
SWTCXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTCXXX-4N-ZZ-AA	2	3.00	0.63	0.63	500
SWTCXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTCXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTCXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

* 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.

TABLE 3

AFL NO.	DIMENSIONS IN 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.

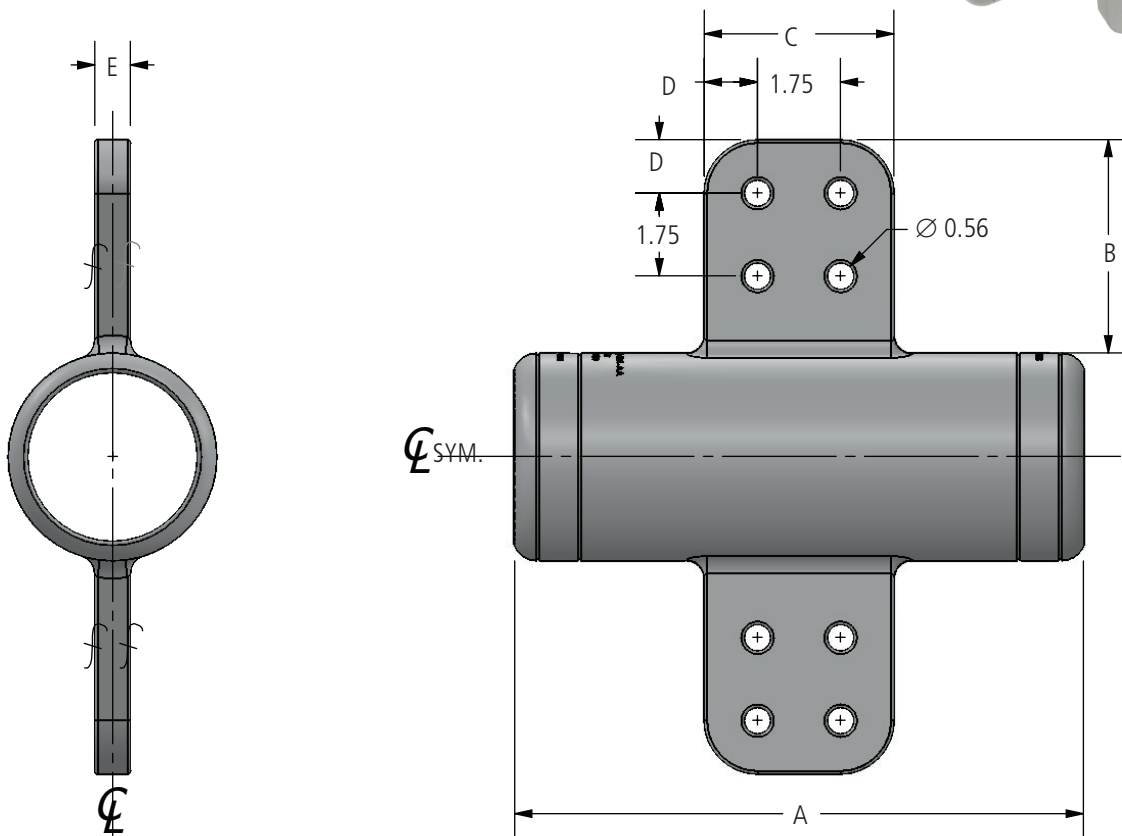
Material

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

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

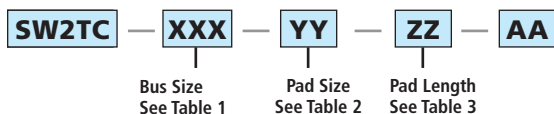
TABLE 2

AFL NO.	DIMENSIONS IN INCHES	
	C	D
SW2TCXXX-4N-ZZ-AA	3.00	0.63
SW2TCXXX-4N4-ZZ-AA	4.00	1.13

TABLE 3

AFL NO.	DIMENSIONS IN 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.

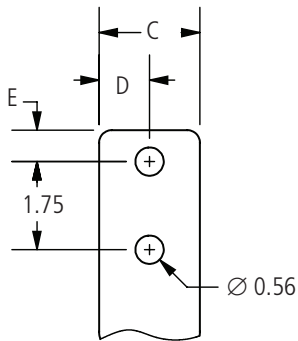
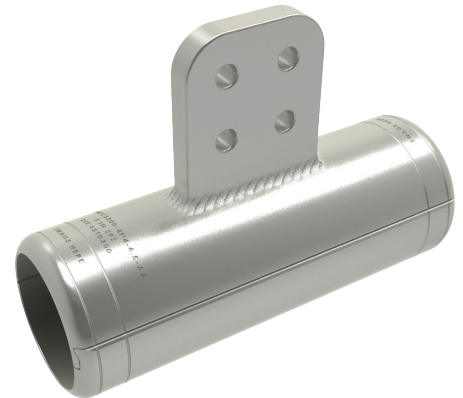
Material

Aluminum Alloy

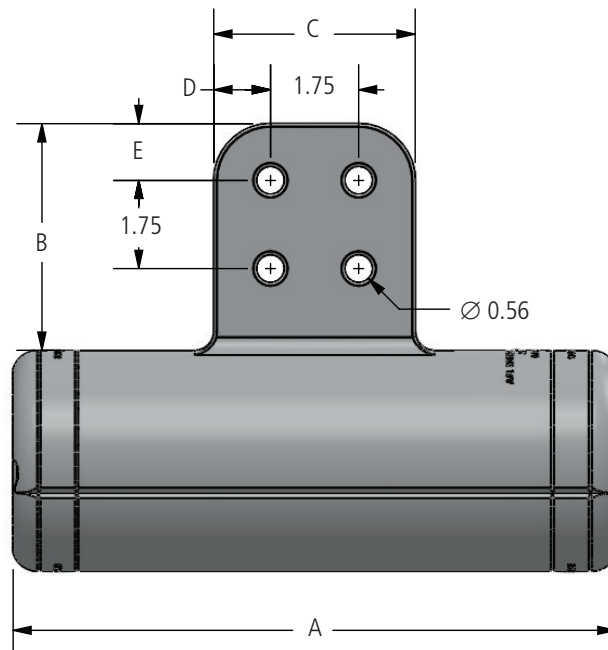
Notes

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

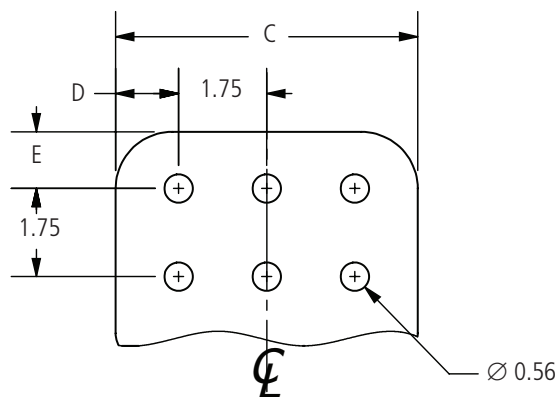
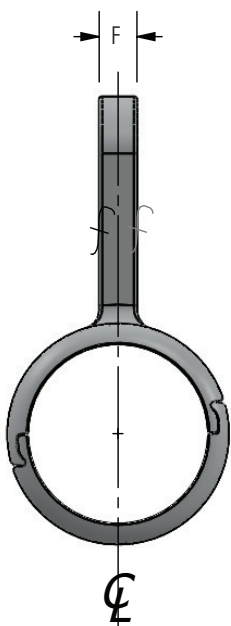
f—Machine Finish



Pad Detail 1



Pad Detail 2



Pad Detail 3

continued
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TYPE SWTCS-AA

Swage Split Bus to NEMA Pad

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

TABLE 2

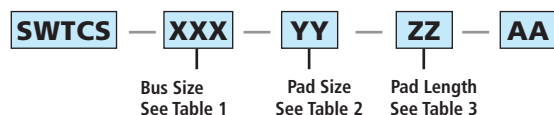
AFL NO.	PAD DETAIL	DIMENSIONS IN INCHES			VOLTAGE RATING (kV)*
		C	D	E	
SWTCSXXX-2N-ZZ-AA	1	2.00	1.00	0.63	230
SWTCSXXX-4N-ZZ-AA	2	3.00	0.63	0.63	230
SWTCSXXX-4N4-ZZ-AA	2	4.00	1.13	1.13	500
SWTCSXXX-5N4-ZZ-AA	3	5.00	0.75	1.13	500
SWTCSXXX-6N4-ZZ-AA	3	6.00	1.25	1.13	500

* 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.

TABLE 3

AFL NO.	DIMENSIONS IN 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.

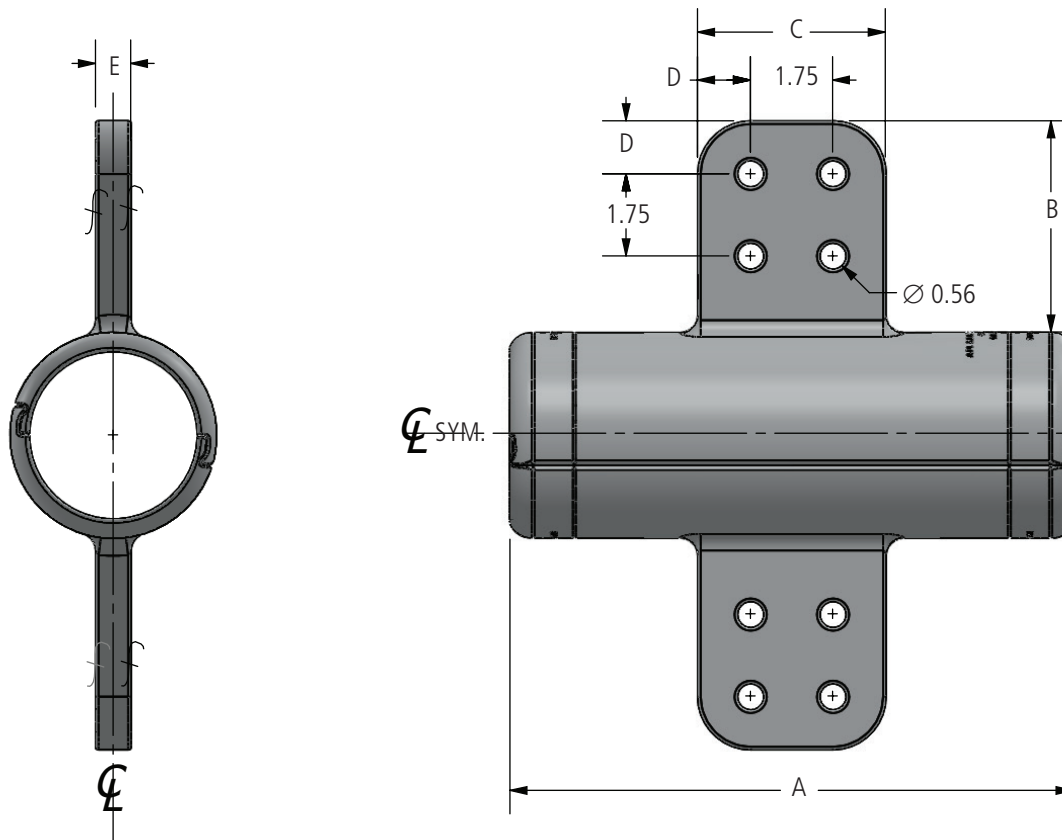
Material

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

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

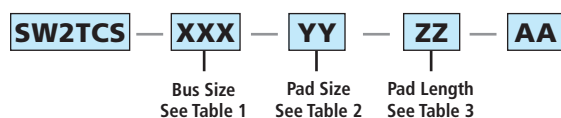
TABLE 2

AFL NO.	DIMENSIONS IN 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

TABLE 3

AFL NO.	DIMENSIONS IN 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.

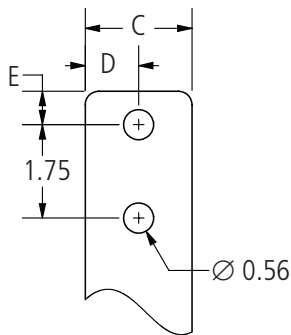
Material

Aluminum Alloy

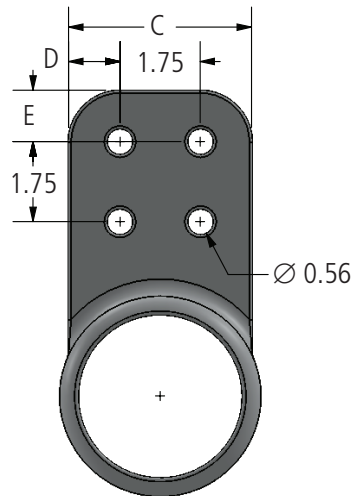
Notes

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

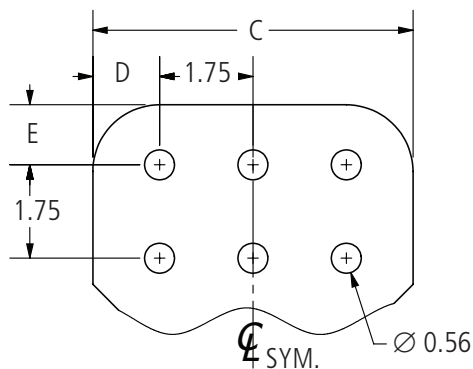
f—Machine Finish



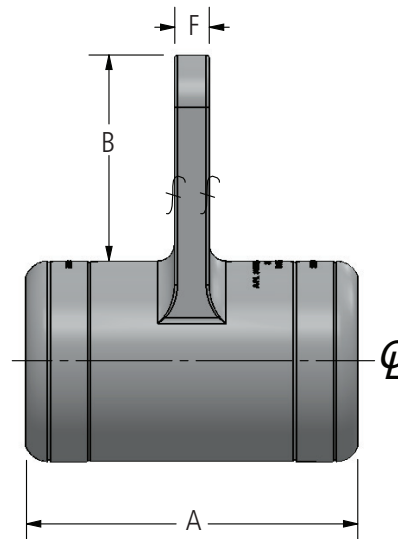
Pad Detail 1



Pad Detail 2



Pad Detail 3



continued
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TYPE SWTF-AA

Swage Bus to Transverse NEMA Pad

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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.

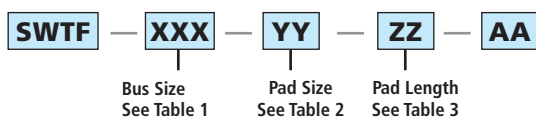
TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS IN 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

TABLE 3

AFL NO.	DIMENSIONS IN 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.

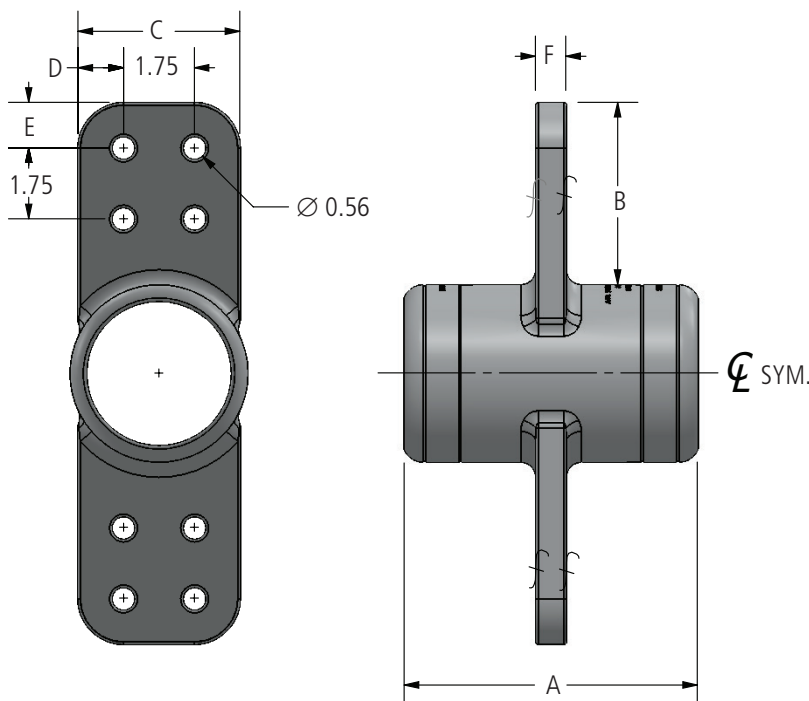
Material

Aluminum Alloy

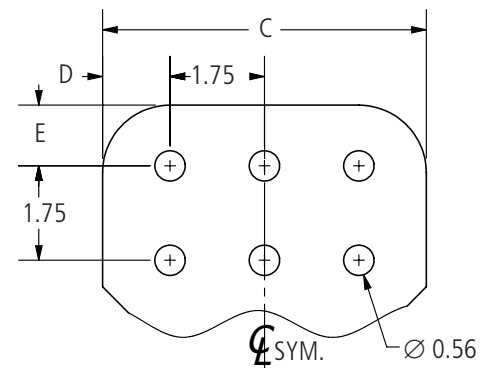
Notes

- 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
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TYPE SW2TF-AA

Swage Bus to Two Transverse NEMA Pads

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

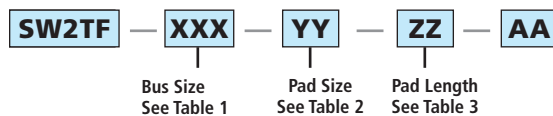
TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS IN 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

TABLE 3

AFL NO.	DIMENSIONS IN 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.

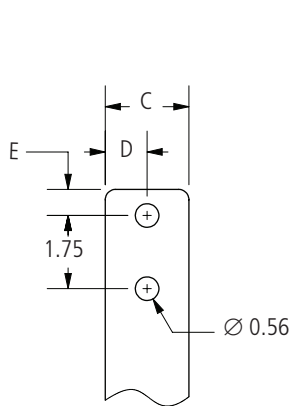
Material

Aluminum Alloy

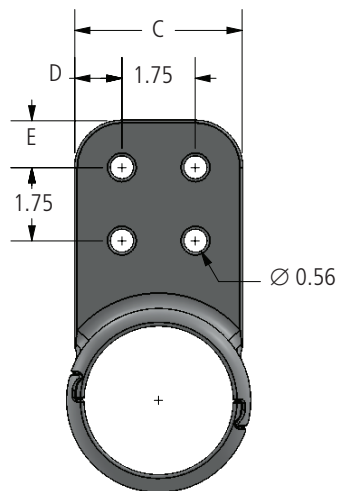
Notes

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

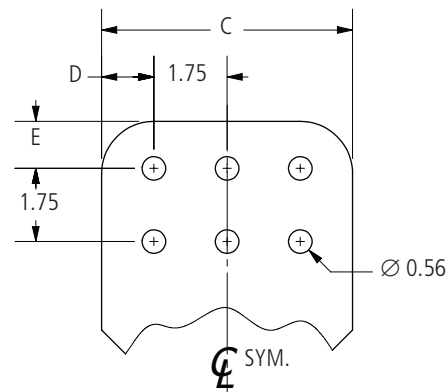
f—Machine Finish



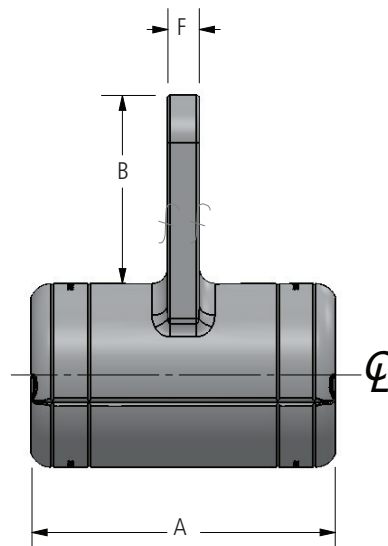
Pad Detail 1



Pad Detail 2



Pad Detail 3



continued
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TYPE SWTFS-AA

Swage Split Bus to Transverse NEMA Pad

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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.

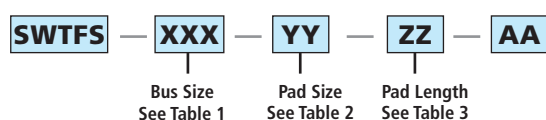
TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS IN 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

TABLE 3

AFL NO.	DIMENSIONS IN 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.

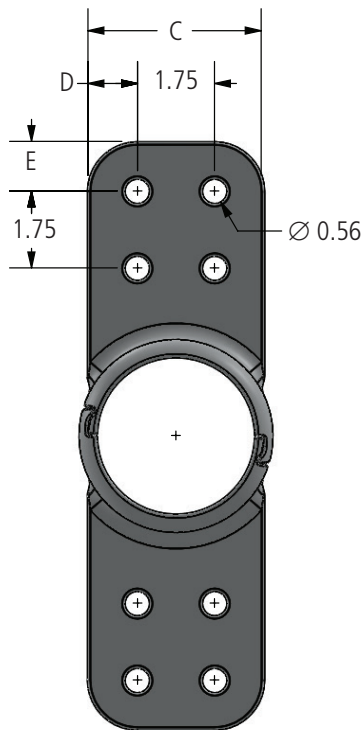
Material

Aluminum Alloy

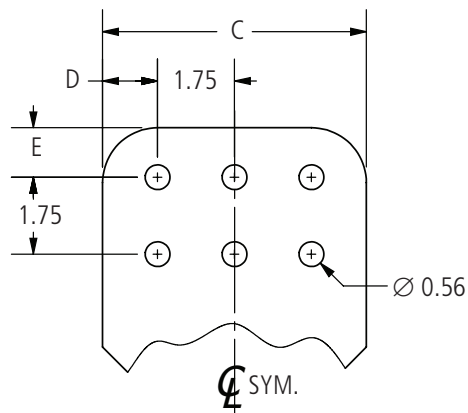
Notes

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

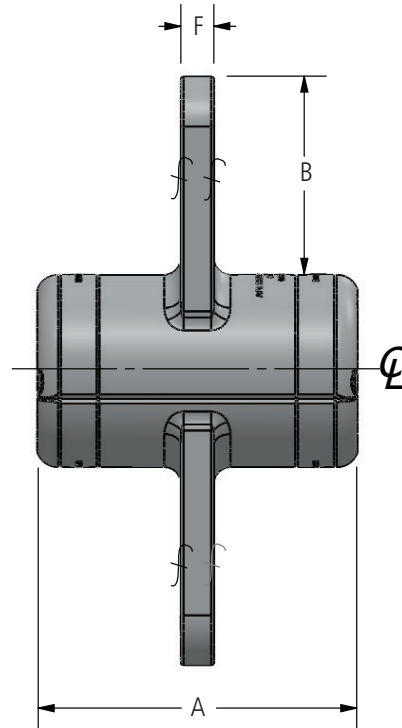
f—Machine Finish



Pad Detail 1



Pad Detail 2



continued
→

TYPE SW2TFS-AA

Swage Split Bus to Two Transverse NEMA Pads

Ordering Information

TABLE 1

AFL NO.	S.P.S.	DIMENSIONS IN 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

TABLE 2

AFL NO.	PAD DETAIL	DIMENSIONS IN 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

TABLE 3

AFL NO.	DIMENSIONS IN 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

