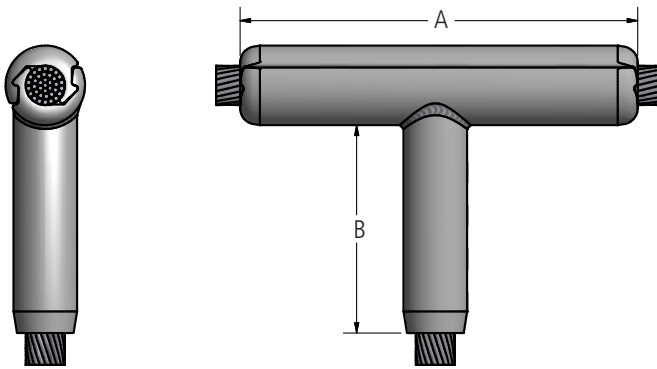


DOSSERT® Type 2900-EHV

Substation tee connector is designed for limited space application as found in substations. Designed for 500 kV service. Run and tap lengths are shorter than conventional tee connectors which saves space and minimizes birdcaging problems. Tee connector is installed with standard AFL hex dies.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR				DIMENSIONS IN INCHES		NOMINAL WEIGHT LBS	DIE SIZE
	RUN		TAP					
	DIAMETER	AAC RANGE	DIAMETER	AAC RANGE	A	B		
2930.1-30.1 EHV	1.021 - 1.196	795 - 1033.5	1.026 - 1.196	795 - 1033.5	10.00	5.67	2.9	30AH
2934.1-34.1 EHV	1.140 - 1.319	1000 - 1272	1.186 - 1.313	1113 - 1272	11.30	6.03	4.1	34AH
2936.1-36.1 EHV	1.340 - 1.417	1351.5 - 1510.5	1.314 - 1.399	1351.5 - 1431	11.50	6.29	4.6	36AH
2938.1-38.1 EHV	1.412 - 1.500	1510.5 - 1590	1.399 - 1.500	1510.5 - 1590	12.00	6.55	5.4	38AH
2940.1-40.1 EHV	1.496 - 1.557	1750.0	1.501 - 1.630	1750 - 2000	12.50	7.02	6.1	40AH
2942.1-42.1 EHV	1.550 - 1.625	-	1.630 - 1.681	2000	14.00	7.29	7.2	42AH
2944.1-44.1 EHV	1.626 - 1.717	2000 - 2250	1.630 - 1.681	2000	14.00	7.74	7.9	44AH
2944.2-44.2 EHV	1.718 - 1.842	2250 - 2500	1.669 - 1.823	2000 - 2500	15.00	7.74	8.1	44AH
2948.1-48.1 EHV	1.843 - 1.998	2750 - 3000	1.823 - 1.998	2500 - 3000	16.00	8.77	9.4	48AH

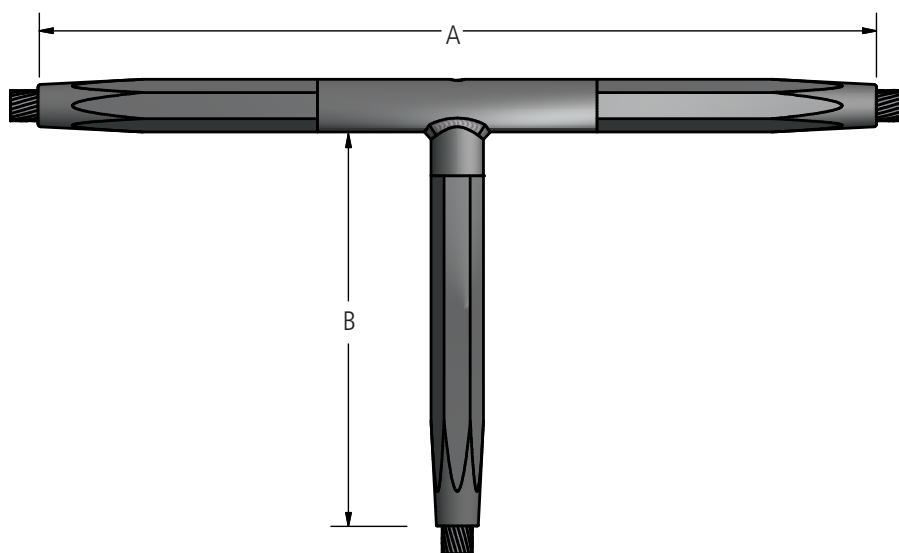
DOSSERT® TYPE 5400

Tee Connector-Closed Run Compression for Stranded AAC & ACSR Conductions

Designed for 500 kV service.

Material

Aluminum Alloy



Ordering Information

CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS IN INCHES		DIE SIZE
	AAC	ACSR	A	B	
5030.109	795-800	715.5(24/7)-795(36/1)	19.12	9.44	30AH
5030.116	900	795(45/7)-795(26/7)	19.12	9.44	30AH
5030.122	954-1033.5	795(30/19)-954(36/1)	19.12	9.44	30AH
5030.125	-	954(54/7)-1033.5(36/1)	19.12	9.44	30AH
5034.128	1113	1033.5(45/7)-1033.5(54/7)	20.12	10.06	34AH
5034.138	1272	1113(54/19)-1192.5(45/7)	20.12	10.06	34AH
5036.144	1351.5-1431	1192.5(54/19)-1272(45/7)	21.00	10.62	36AH
5036.147	1500-1510.5	1272(54/19)-1351.5(45/7)	21.00	10.62	36AH
5038.156	1590	1431(54/19)-1510.5(45/7)	21.88	10.62	38AH
5040.162	1750	1510.5(54/19)-1590(54/19)	22.75	11.75	40AH
5042.178	2000	1780(84/19)-2034.5(72/7)	23.62	12.38	42AH
5044.184	2338 ACAR	2156(72/7)	26.75	12.00	44AH
5044.188	2500	2312(76/19)	26.75	12.00	44AH

DOSSERT® TYPE 5500

Tee Connector – Open Run – Compression for Stranded EC & ACSR Conductors

Designed for 500 kV service.

Material

Aluminum Alloy

To order combine Run conductor catalog number with Branch catalog number.

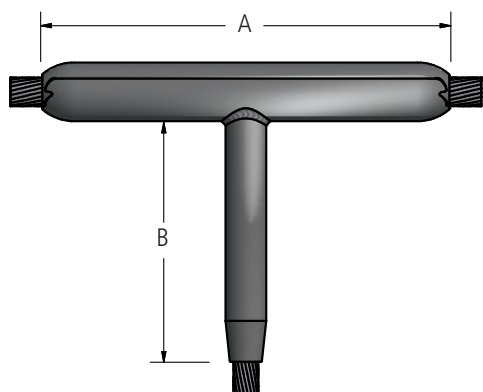
XXXX.X - XX.XXX

Run conductor catalog number

Branch conductor catalog number

Example: for 795(36/1) Run conductor to 795(26/7)

Branch conductor order 5530.3 -30.116



Ordering Information

RUN CONDUCTOR						
CATALOG NUMBER	CONDUCTOR RANGE			DIMENSIONS IN INCHES	NOMINAL WEIGHT	DIE SIZE
	DIAMETER	AAC	ACSR	A		
5530.3	1.021-1.196	795-1033.5	715.5(24/7)-1033.5(36/1)	19.12	3.3	30AH
5534.3	1.197-1.319	1113-1300	1033.5(54/7)-1192.5(45/7)	20.12	4.5	34AH
5536.3	1.320-1.417	1351.5-1510.5	1192.5(54/19)-1351.5(45/7)	21.00	5.0	36AH
5538.3	1.412-1.500	1500-1590	1351.5(54/9)-1510.5(45/7)	21.88	5.9	38AH
5540.3	1.496-1.557	1750	1510.5(54/19)-1590(54/19)	22.75	6.6	40AH
5542.3	1.550-1.625	-	1780(84/19)	23.62	7.7	42AH
5544.3	1.626-1.842	2000-2500	2034(72/7)2312(76/19)	26.75	6.8	44AH

DOSSERT® TYPE 5500

Tee Connector – Open Run – Compression for
Stranded EC & ACSR Conductors

Ordering Information cont.

BRANCH CONDUCTOR					
CATALOG NUMBER	CONDUCTOR RANGE		DIMENSIONS IN INCHES	NOMINAL WEIGHT	DIE SIZE
	AAC	ACSR	B		
-30.109	795-800	715.5(24/7)-795(36/1)	1.7	9.44	30AH
-30.116	900	795(45/7)-795(26/7)	1.7	9.44	30AH
-30.122	954-1033.5	795(30/19)-954(36/1)	1.7	9.44	30AH
-30.125	-	954(54/7)-1033.5(36/1)	1.7	10.06	30AH
-34.128	1113	1033.5(45/7)-1033.5(54/7)	2.2	10.06	34AH
-34.138	1272	1113(54/19)-1192.5(45/7)	2.2	10.06	34AH
-36.144	1351.5-1431	1192.5(54/19)-1272(45/7)	2.5	10.62	36AH
-36.147	1500-1510.5	1272(54/19)-1351.5(45/7)	2.5	10.62	36AH
-38.156	1590	1431(54/19)-1510.5(45/7)	3.0	11.19	38AH
-40.162	1750	1510.5(54/19)-1590(54/19)	3.4	11.75	40AH
-42.178	2000	1780(84/19)-2034.5(72/7)	3.9	12.38	42AH
-44.184	2338 ACAR	2156(72/7)	4.0	12.00	44AH
-44.188	2500	2312(76/19)	4.0	12.00	44AH