

## DOSSERT®

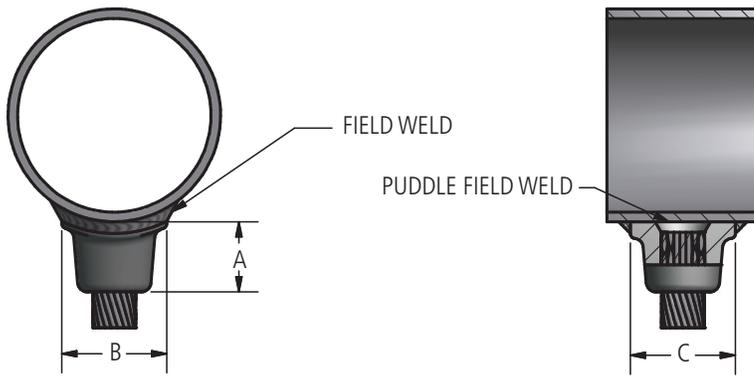
### TYPE 1000-EHV

#### Welded Tee Pipe to Cable

Tee adapter is designed to be corona free for 345 kV and 500 kV service. Connector is saddle type which allows clamping to bus run during welding. Cable is "puddle" welded to connector; connector is then welded to bus tube. Not recommended for use on ACSR.

#### Material

Aluminum Alloy



### Ordering Information

TABLE 1				
CATALOG SERIES	DIMENSIONS IN INCHES			NOMINAL WEIGHT LBS
	A	B	L	
1006	1.50	1.62	2.81	0.28
1008	1.75	1.88	3.12	0.38
1009	2.00	2.25	3.50	0.62
1010	2.00	2.25	3.50	0.62
1012	2.75	2.50	3.88	0.75
1013	2.75	2.88	4.25	1.1
1014	2.75	2.88	4.25	1.1



**DOSSERT®**

**TYPE 1000-EHV**

**Welded Tee Pipe to Cable**

**Ordering Information (cont.)**

TABLE 2						
STANDARD CONDUCTOR DIAMETER RANGE	AAC CONDUCTOR RANGE	CATALOG NUMBER				
		RUN CONDUCTOR (SPS & EHPS)				
IN.	MIN	3	3 1/2	4	5	6
1.048 - 1.110	900 KCMIL	1006.112 EHV	1006.112 EHV	1006.112 EHV	1006.112 EHV	1006.112 EHV
1.111 - 1.173	954 KCMIL	1008.119 EHV	1008.119 EHV	1008.119 EHV	1008.119 EHV	1008.119 EHV
1.174 - 1.235	1113 KCMIL - 1192.5 KCMIL	1008.125 EHV	1008.125 EHV	1008.125 EHV	1008.125 EHV	1008.125 EHV
1.236 - 1.297	1192.5 KCMIL	1008.131 EHV	1008.131 EHV	1008.131 EHV	1008.131 EHV	1008.131 EHV
1.298 - 1.360	1272 KCMIL - 1351.5 KCMIL	1009.138 EHV	1010.138 EHV	1010.138 EHV	1010.138 EHV	1010.138 EHV
1.361 - 1.423	1431 KCMIL - 1510.5 KCMIL	1009.144 EHV	1010.144 EHV	1010.144 EHV	1010.144 EHV	1010.144 EHV
1.424 - 1.485	1590 KCMIL	1009.150 EHV	1010.150 EHV	1010.150 EHV	1010.150 EHV	1010.150 EHV
1.486 - 1.542	1750 KCMIL	1009.156 EHV	1010.156 EHV	1010.156 EHV	1010.156 EHV	1010.156 EHV
1.543 - 1.605	-	1012.162 EHV	1012.162 EHV	1012.162 EHV	1012.162 EHV	1012.162 EHV
1.606 - 1.668	2000 KCMIL	1012.169 EHV	1012.169 EHV	1012.169 EHV	1012.169 EHV	1012.169 EHV
1.669 - 1.730	2250 KCMIL	1012.175 EHV	1012.175 EHV	1012.175 EHV	1012.175 EHV	1012.175 EHV
1.731 - 1.792	-	1012.181 EHV	1012.181 EHV	1012.181 EHV	1012.181 EHV	1012.181 EHV
1.793 - 1.855	2500 KCMIL	1012.188 EHV	1012.188 EHV	1012.188 EHV	1012.188 EHV	1012.188 EHV
1.856 - 1.918	2750 KCMIL	1013.194 EHV	1014.194 EHV	1014.194 EHV	1014.194 EHV	1014.194 EHV
1.919 - 1.980	-	1013.200 EHV	1014.200 EHV	1014.200 EHV	1014.200 EHV	1014.200 EHV
1.981 - 2.042	3000 KCMIL	1013.206 EHV	1014.206 EHV	1014.206 EHV	1014.206 EHV	1014.206 EHV
2.043 - 2.105	-	1013.212 EHV	1014.212 EHV	1014.212 EHV	1014.212 EHV	1014.212 EHV

345/500 kV - Tee Connectors

## DOSSERT®

### TYPE 34900-EHV

#### Welded Straight Adapter

Bi-conductor and tri-conductor adapter is designed to be corona free for 345 kV and 500 kV service. Conductor adapters are furnished as complete assembly consisting of the conductor adapter, 90° EHV compression terminals and necessary aluminum hardware. Weights shown do not include compression terminals.

#### Material

Aluminum Alloy

#### Mounting Hardware

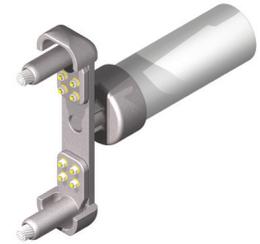
Galvanized steel bolts and lockwashers.

#### Hardware

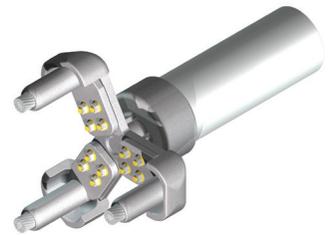
Yellow anodized aluminum bolts, nuts, and lockwashers.

#### Notes

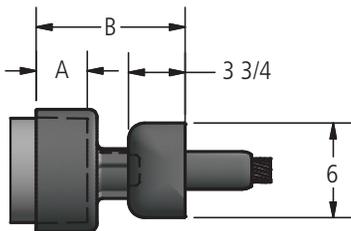
For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a tri-conductor adapter to 6" SPS, order 34913EHV.



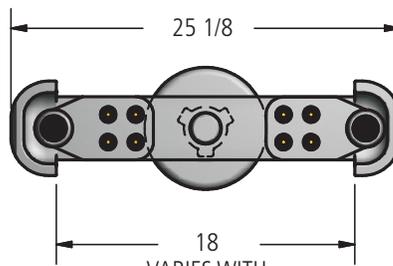
34928-EHV



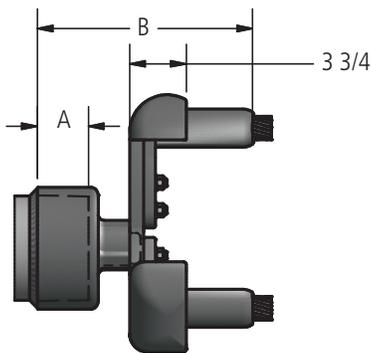
34908-EHV



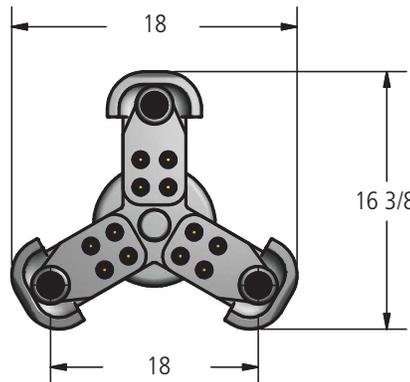
BI-CONDUCTOR



18  
VARIES WITH  
CONDUCTOR SIZE



TRI-CONDUCTOR



18  
VARIES WITH  
CONDUCTOR SIZE

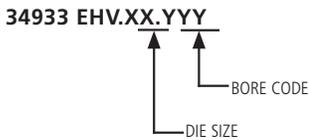


**DOSSERT®**

**TYPE 34900-EHV**  
Welded Straight Adapter

**Ordering Information**

SPS & EHPS	CATALOG NUMBER		DIMENSIONS IN INCHES		NOMINAL WEIGHT IN LBS	
	BI-CONDUCTOR	TRI-CONDUCTOR	A	B	BI-CONDUCTOR	TRI-CONDUCTOR
3	34928EHV.XX.YYY	34908EHV.XX.YYY	1.75	7.97	13.6	15.3
3 1/2	34929EHV.XX.YYY	34909EHV.XX.YYY	2.00	8.22	14.1	15.8
4	34930EHV.XX.YYY	34910EHV.XX.YYY	2.25	8.47	14.7	16.4
5	34932EHV.XX.YYY	34912EHV.XX.YYY	2.75	8.97	16.0	17.7
6	34933EHV.XX.YYY	34913EHV.XX.YYY	3.25	9.47	17.6	19.3



CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
	AAC	1033.5	61	1.172	
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	

345/500 kV – Tee Connectors



**DOSSERT®**

**TYPE 34900-EHV**  
**Welded Straight Adapter**

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.150	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.156	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
	AAC	2750	91	1.912	

## DOSSERT®

### TYPE 34992-EHV, 34993-EHV

#### Welded Tee Adapter

Bi-conductor tee adapter is designed to be corona free for 345 kV and 500 kV service. Bi-conductor tee adapter is furnished as complete assembly consisting of bi-conductor adapter, two 90° EHV compression terminals and necessary aluminum hardware. Complete assembly is ordered by specifying catalog number and size of stranded conductor.

#### Material

Aluminum Alloy

#### Mounting Hardware

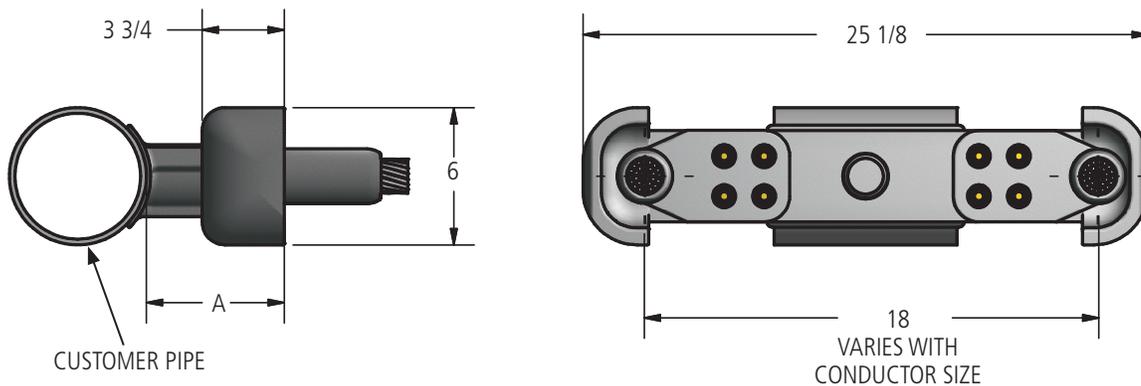
Galvanized steel bolts and lockwashers.

#### Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

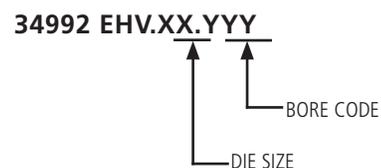
#### Notes

For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Bi-conductor adapter to 6" SPS, order 34993EHV.



### Ordering Information

CONDUCTOR SIZE SPS & EHPS	CATALOG NUMBER	DIMENSIONS IN INCHES	NOMINAL WEIGHT
		A	LBS
3 THRU 4	34992EHV.XX.YYY	6.16	11.9
5 & 6	34993EHV.XX.YYY	6.36	13.6





**DOSSERT®**

**TYPE 34992-EHV, 34993-EHV**

**Welded Tee Adapter**

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
AAC	1033.5	61	1.172		
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	

345/500 kV – Tee Connectors



**DOSSERT®**

**TYPE 34992-EHV, 34993-EHV**

**Welded Tee Adapter**

345/500 kV – Tee Connectors

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.150	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.156	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
	AAC	2750	91	1.912	

## DOSSERT®

### TYPE 34996-EHV, 34997-EHV

#### Welded Tee Adapter

Tri-conductor tee adapter is designed to be corona free for 345 kV and 500 kV service. Tri-conductor tee adapter is furnished as complete assembly consisting of tri-conductor adapter, three 90° EHV compression terminals and necessary aluminum hardware. Weights shown do not include compression terminals.

#### Material

Aluminum Alloy

#### Mounting Hardware

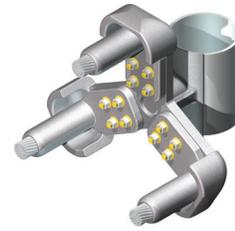
Galvanized steel bolts and lockwashers.

#### Hardware

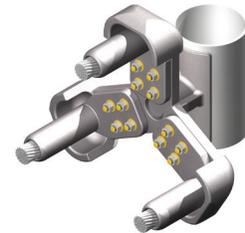
Yellow anodized aluminum bolts, nuts, and lockwashers.

#### Notes

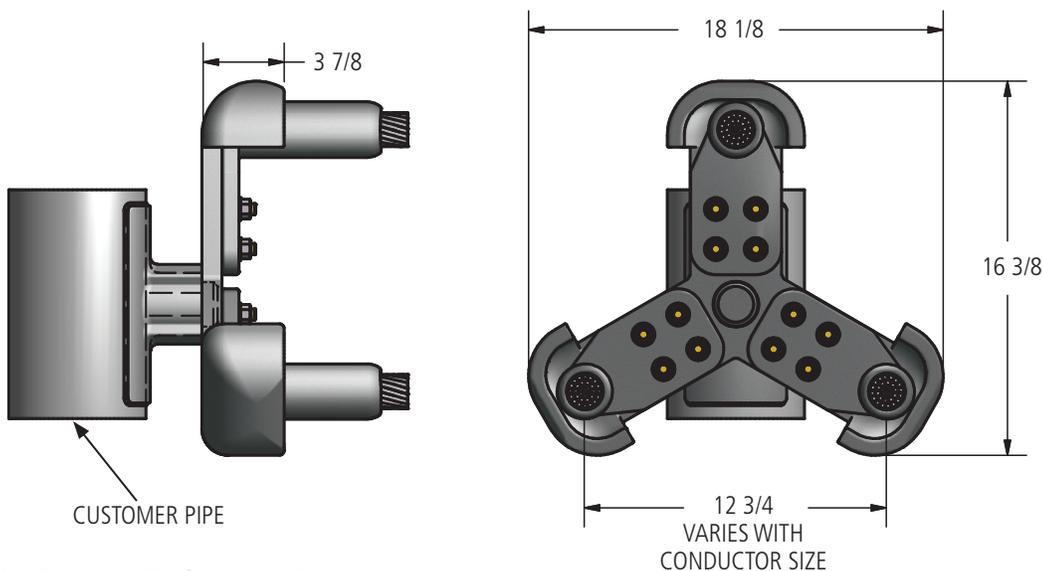
For conductor adapters without terminals, do not include Die Size or Bore Code in part number. Example: for a Tri-conductor adapter to 6" SPS, order 34997EHV.



34996-EHV



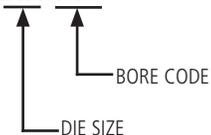
34997-EHV



#### Ordering Information

CONDUCTOR SIZE SPS & EHPS	CATALOG NUMBER	DIMENSIONS IN INCHES	
		A	NOMINAL WEIGHT LBS
3 THRU 4	34996 EHV.XX.YYY	6.16	13.8
5 & 6	34997 EHV.XX.YYY	6.36	15.5

34996 EHV.XX.YYY





**DOSSERT®**

**TYPE 34996-EHV, 34997-EHV**

**Welded Tee Adapter**

345/500 kV – Tee Connectors

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
30.109	ACSR	715.5	24/7	1.036	30AH
	ACSR	715.5	26/7	1.051	
	ACSR	795	36/1	1.040	
	AAC	795	37	1.026	
	AAC	795	61	1.028	
	AAC	800	37	1.031	
	AAC	800	61	1.031	
30.116	ACSR	715.5	30/19	1.081	30AH
	ACSR	795	45/7	1.063	
	ACSR	795	54/7	1.093	
	ACSR	795	26/7	1.108	
	ACSR	795	24/7	1.092	
	AAC	900	61	1.094	
30.122	ACSR	795	30/19	1.140	30AH
	ACSR	900	45/7	1.131	
	ACSR	900	54/7	1.162	
	ACSR	954	36/1	1.140	
	ACSR	954	45/7	1.165	
	AAC	954	37	1.124	
	AAC	954	61	1.126	
	AAC	1000	61	1.152	
	AAC	1033.5	37	1.170	
AAC	1033.5	61	1.172		
30.125	ACSR	954	54/7	1.196	30AH
	ACSR	1033.5	36/1	1.186	
34.128	ACSR	1033.5	45/7	1.212	34AH
	AAC	1113	61	1.216	
34.134	ACSR	1033.5	54/7	1.244	34AH
	ACSR	1113	45/7	1.259	
	AAC	1192.5	61	1.258	
	AAC	1272	61	1.300	
34.138	ACSR	1192.5	45/7	1.302	34AH
	ACSR	1113	54/19	1.293	
36.144	ACSR	1272	45/7	1.345	36AH
	ACSR	1192.5	54/19	1.333	
	AAC	1351	61	1.340	
	AAC	1431	61	1.379	



**DOSSERT®**

**TYPE 34996-EHV, 34997-EHV**

**Welded Tee Adapter**

CODE	CONDUCTOR				DIE SIZE ALUMINUM HEX DIE
	ACSR OR AAC	SIZE KCMIL	STRANDING AL/ST	DIAMETER IN INCHES	
36.147	ACSR	1272	54/19	1.382	36AH
	ACSR	1351.5	45/7	1.386	
	ACSR	1500	91	1.412	
	AAC	1510.5	61	1.187	
38.150	ACSR	1351.5	54/19	1.424	38AH
	ACSR	1431	45/7	1.427	
38.156	ACSR	1431	54/19	1.465	38AH
	ACSR	1510.5	45/7	1.466	
	AAC	1590	61	1.250	
	AAC	1590	91	1.454	
40.162	ACSR	1510.5	54/19	1.506	40AH
	ACSR	1590	45/7	1.504	
	ACSR	1590	54/19	1.545	
	AAC	1750	61	1.525	
42.178	ACSR	1780	84/19	1.602	42AH
	ACSR	2034	72/7	1.681	
	AAC	2000	91	1.630	
44.181	ACSR	2167	72/7	1.737	44AH
	AAC	2250	91	1.729	
	AAC	2300	61	1.750	
	AAC	2300	91	1.750	
44.184	ACSR	2156	84/19	1.762	44AH
44.188	ACSR	2312	76/19	1.802	44AH
	AAC	2500	91	1.823	
48.197	ACSR	2515	76/19	1.880	48AH
	AAC	2750	91	1.912	