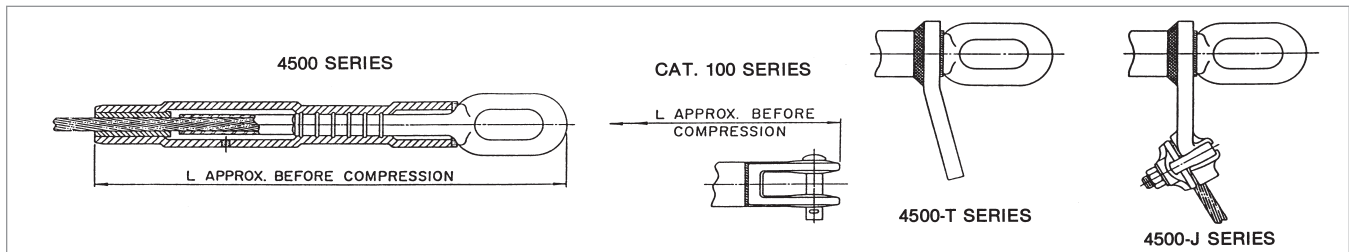


## Compression Dead Ends—4500 Series for Alumoweld® and Steel Ground Wire, Eye or Clevis Type, Single Tongue



DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR			STEEL DEAD END		DIM. L		JUMPER RANGE J SERIES		DIE SIZE		WEIGHT								TERMINAL CONNECTOR CATALOG NUMBER				
	SIZE	STRANDING	DIA. IN	STEEL EYE	STEEL CLEVIS	IN	MM	IN	MM	ALUM. HEX DIES	STEEL HEX DIES	4500 SERIES		4500-T SERIES		4500-J SERIES								
												ALUM.	TOTAL	ALUM.	TOTAL	ALUM.	TOTAL							
ALUMOWELD STRAND																								
E4514.35	3 No. 5	3	0.392	9314.406	—	18.3	465	.312-.625	7.9-15.9	27AH	14SH	1.9	0.86	4.9	2.22	2.3	1.04	5.3	2.4	3.0	1.36	6.0	2.72	5174.438
E4512.36	3 No. 6	3	0.349	9112.377	—	16.9	429	.312-.625	7.9-15.9	20AH	12SH	0.8	0.36	2.5	1.13	1.3	0.59	3.0	1.36	2.0	0.91	3.7	1.68	5109.375
E4510.37	3 No. 7	3	0.311	9110.332	—	16.9	429	.312-.625	7.9-15.9	20AH	10SH	0.9	0.41	2.5	1.13	1.3	0.59	2.9	1.32	2.1	0.95	3.7	1.68	5109.344
E4510.38	3 No. 8	3	0.277	9110.295	—	16.9	429	.312-.625	7.9-15.9	20AH	10SH	0.9	0.41	2.5	1.13	1.3	0.59	3.0	1.36	2.1	0.95	3.8	1.72	5106.312
C4576.39	3 No. 9	3	0.247	—	103.26	11.9	302	.162-.327	4.1-8.3	76AH	76SH	0.5	0.23	2.5	1.13	1.0	0.45	3.0	1.36	0.8	0.36	2.1	0.95	5172.281
C4576.310	3 No. 10	3	0.220	—	103.25	11.9	302	.162-.327	4.1-8.3	76AH	76SH	0.5	0.23	2.5	1.13	1.0	0.45	3.0	1.36	0.8	0.36	2.1	0.95	5172.281
E4518.75	7 No. 5	7	0.546	E9718.578	—	19.2	487	.464-.743	11.8-18.9	34AH	18SH	2.6	1.18	7.9	3.58	4.0	1.81	9.2	4.17	3.5	1.59	8.8	3.99	5175.609
E4516.76	7 No. 6	7	0.486	9416.516	—	18.2	462	.312-.625	7.9-15.9	30AH	16SH	2.2	1.00	6.0	2.72	2.6	1.18	6.4	2.9	3.2	1.45	7.0	3.18	5175.547
E4516.77	7 No. 7	7	0.433	9316.453	—	18.3	465	.312-.625	7.9-15.9	27AH	16SH	1.9	0.86	5.0	2.27	2.3	1.04	5.4	2.45	3.0	1.36	8.1	2.77	5174.484
E4514.78	7 No. 8	7	0.385	9314.406	—	18.3	465	.312-.625	7.9-15.9	27AH	14SH	1.9	0.86	5.0	2.27	2.3	1.04	5.4	2.45	3.0	1.36	6.1	2.77	5174.438
E4512.79	7 No. 9	7	0.343	9112.359	—	16.9	429	.312-.625	7.9-15.9	20AH	12SH	0.8	0.36	2.6	1.18	1.3	0.59	3.1	1.41	2.0	0.91	3.8	1.72	5173.391
E4512.710	7 No. 10	7	0.306	9112.332	—	16.9	429	.312-.625	7.9-15.9	20AH	12SH	0.9	0.41	2.6	1.18	1.3	0.59	3.0	1.36	2.1	0.95	3.8	1.72	5106.344
E4518.191	19 No. 10	19	0.509	E9718.546	—	19.9	505	.464-.743	11.8-18.9	34AH	18SH	2.6	1.18	8.1	3.67	4.0	1.81	9.5	4.31	3.5	1.59	9.0	4.08	5175.547
STEEL GROUND WIRE																								
E 4512.10	5/16 EHS GW	7	0.312	9112.332	—	16.9	429	.312-.625	7.9-15.9	20AH	12SH	0.9	0.41	2.5	1.13	1.3	0.59	3.0	1.36	2.1	0.95	3.8	1.72	5173.357
E4514.12	3/8 EHS GW	7	0.360	9214.377	—	18.1	460	.312-.625	7.9-15.9	27AH	14SH	1.9	0.86	4.0	1.81	2.3	1.04	4.4	2.0	3.0	1.36	5.1	2.31	5173.391
E4516.14	7/16 EHS GW	7	0.435	9316.453	—	18.3	465	.312-.625	7.9-15.9	27AH	16SH	1.9	0.86	5.0	2.27	2.3	1.04	5.4	2.45	3.0	1.36	6.1	2.77	5175.547
E4518.16	1/2 EHS GW	7	0.495	E9718.516	—	19.9	505	.464-.743	11.8-18.9	34AH	18SH	2.6	1.18	7.9	3.58	4.0	1.81	9.3	4.22	3.5	1.59	8.8	3.99	5175.547

### Ordering Instructions

Select the catalog number based on the conductor being used. Terminals are to be ordered separately.

### Options

To order a Dead End with a single tongue, put a "T" at the end of the catalog number. **EXAMPLE: E4516.77T**

To order a Dead End with a bolted jumper, put a "J" at the end of the catalog number. **EXAMPLE: E4516.77J**

### Notes:

1. Eye and Clevis Dimensions are on page 119.
2. Pad Dimensions are on page 117.
3. AFL Filler Compound (AFC) Requirements are on page 115.
4. Installation Instructions for Dead Ends are on page 134.
5. Installation Instructions for Terminals are on page 131.
6. The 4500-T Series Dead Ends are supplied with a "B" pad size.