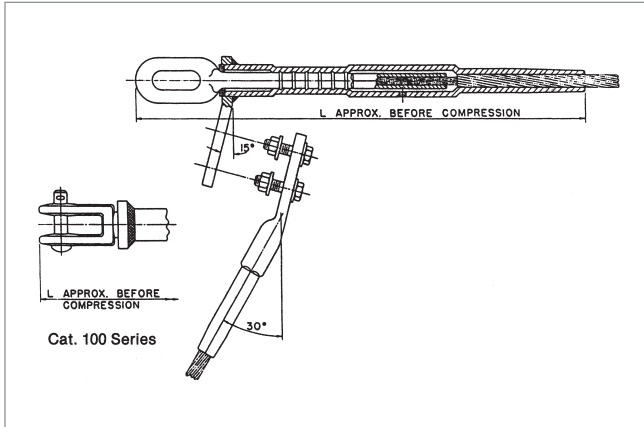


Compression Dead Ends—33100 Series for ACSR Conductor, Eye or Clevis Type, Single Tongue



The 33100 Series Dead End Assembly is specifically designed for ACSR conductors. The aluminum body of the dead end is fabricated from AFL seamless drawn aluminum. The tongue and terminal pad are constructed with a 15° angle, which permits the terminal connector to be bolted in the straight or 30° position.

All dead ends are designed for full tension use, achieving a minimum of 95% of the ASTM rated strength of the conductor on which they are used. Each dead end assembly comes with a dead end body, steel eye or clevis, 15° terminal and aluminum hardware.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish. Corona bolts are furnished as standard on 15° terminals for these section sizes.

The square edges of bolted pads on compression accessories could cause Corona in environments greater than or equal to 345 kV. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV".

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'.
For Standard Finish, leave blank.

Step 4: Assemble Catalog Number.



Example:

For 795 Drake conductor with no terminal and EHV finish, the complete catalog number is:

E33142NTEHV

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 127.
5. Installation Instructions for Terminals are on page 131.

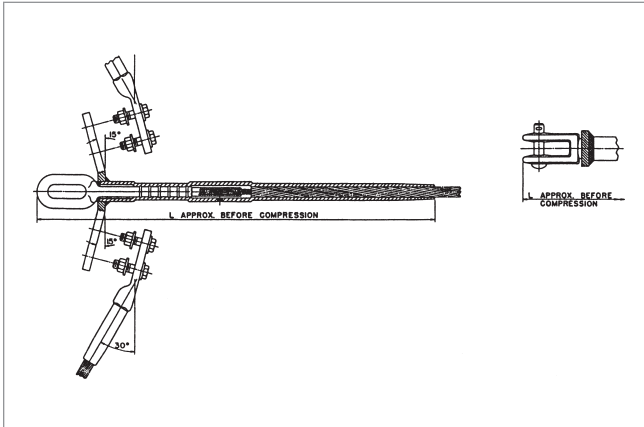
Compression Dead Ends—33100 Series for ACSR Conductor, Eye or Clevis Type, Single Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY SINGLE TONGUE	STEEL COMPONENT		15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.		STEEL EYE	STEEL CLEVIS		ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN											
C33102	Raven	1/0	6/1	0.398	8174.438	—	100.14	5174.438	74AH	74SH	2.3	1.06	14.4	365	B
C33103	Quail	2/0	6/1	0.447	8174.484	—	100.16	5174.484	74AH	74SH	2.0	0.92	14.4	365	B
C33104	Pigeon	3/0	6/1	0.502	8175.547	—	102.17	5175.547	75AH	75SH	3.9	1.74	17.3	438	B
C33105	Penguin	4/0	6/1	0.563	8175.609	—	102.20	5175.609	75AH	75SH	3.6	1.64	17.3	438	B
C33106	Waxwing	266.8	18/1	0.609	8176.656	—	101.13	5176.656	76AH	74SH	4.2	1.91	18.4	467	B
C33107	Owl	266.8	6/7	0.633	8176.688	—	103.22	5176.688	76AH	76SH	4.1	1.85	18.1	460	B
C33108	Partridge	266.8	26/7	0.642	8176.688	—	103.25	5176.688	76AH	76SH	4.1	1.85	18.1	460	B
C33109	Ostrich	300.0	26/7	0.680	8176.719	—	103.26	5176.719	76AH	76SH	4.0	1.80	18.1	460	B
C33110	Merlin	336.4	18/1	0.684	8176.719	—	101.14	5176.719	76AH	74SH	3.9	1.76	18.1	460	B
C33111	Linnet	336.4	26/7	0.721	8176.781	—	103.28	5176.781	76AH	76SH	3.7	1.68	18.1	460	B
C33112	Chickadee	397.5	18/1	0.743	8176.781	—	101.16	5176.781	76AH	74SH	3.6	1.64	18.1	460	B
E33113	Linnet	336.4	26/7	0.721	8120.781	9110.277	—	5120.781	20AH	10SH	4.8	2.18	23.3	592	B
E33114	Oriole	336.4	30/7	0.741	8120.781	9110.332	—	5120.781	20AH	10SH	4.8	2.18	23.3	592	B
E33115	Chickadee	397.5	18/1	0.743	8120.781	9174.160	—	5120.781	20AH	74SH	4.6	2.09	23.3	592	B
E33116	Brant	397.5	24/7	0.772	8120.812	9110.261	—	5120.812	20AH	10SH	4.5	2.05	22.6	575	B
E33117	Ibis	397.5	26/7	0.783	8120.844	9110.302	—	5120.844	20AH	10SH	4.4	1.99	22.6	575	B
E33118	Lark	397.5	30/7	0.806	8120.844	9112.359	—	5120.844	20AH	12SH	4.5	2.03	22.6	575	B
E33119	Pelican	477.0	18/1	0.814	8124.875	9175.179	—	5124.875	24AH	75SH	5.6	2.55	21.6	548	B
E33120	Flicker	477.0	24/7	0.846	8124.938	9110.295	—	5124.938	24AH	10SH	5.8	2.64	22.7	576	B
E33121	Hawk	477.0	26/7	0.858	8124.938	9112.332	—	5124.938	24AH	12SH	5.9	2.68	22.7	576	B
E33122	Hen	477.0	30/7	0.883	8124.938C	9212.397	—	5124.938	24AH	12SH	5.9	2.68	22.8	579	B
E33123	Osprey	556.5	18/1	0.879	8124.938C	9275.188	—	5124.938	24AH	75SH	6.4	2.90	22.8	579	B
E33124	Parakeet	556.5	24/7	0.914	8124.969	9210.316	—	5124.969	24AH	10SH	6.4	2.90	23.3	592	B
E33125	Dove	556.5	26/7	0.927	8124.969	9212.359	—	5124.969	24AH	12SH	6.4	2.90	23.3	592	B
E33126	Eagle	556.5	30/7	0.953	8127.100	9314.432	—	5127.100	27AH	14SH	9.0	4.08	25.0	635	D
E33127	Peacock	605.0	24/7	0.953	8127.100	9212.332	—	5127.100	27AH	12SH	8.0	3.63	24.8	630	D
E33128	Squab	605.0	26/7	0.966	8127.100	9212.377	—	5127.100	27AH	12SH	8.0	3.63	24.8	630	D
E33129	Teal	605.0	30/19	0.994	8127.106	9314.441	—	5127.106	27AH	14SH	8.9	4.03	25.0	635	D
E33130	Swift	636.0	36/1	0.930	8127.100	9274.148	—	5127.100	27AH	74SH	7.7	3.49	24.8	630	D
E33131	Kingbird	636.0	18/1	0.940	8127.100	9275.203	—	5127.100	27AH	75SH	7.7	3.49	24.8	630	D
E33132	Rook	636.0	24/7	0.977	8127.106	9212.344	—	5127.106	27AH	12SH	7.9	3.58	24.8	630	D
E33133	Grosbeak	636.0	26/7	0.990	8127.106	9212.386	—	5127.106	27AH	12SH	7.9	3.58	24.8	630	D
E33134	Egret	636.0	30/19	1.019	8127.106	9314.453	—	5127.106	27AH	14SH	8.9	4.03	25.0	635	D
E33135	Flamingo	666.6	24/7	1.000	8127.106	9212.351	—	5127.106	27AH	12SH	7.9	3.58	24.8	630	D
E33136	Stilt	715.5	24/7	1.036	8130.109	9312.359	—	5130.109	30AH	12SH	10.5	4.76	25.4	645	D
E33137	Starling	715.5	26/7	1.051	8130.109	9314.406	—	5130.109	30AH	14SH	10.7	4.85	25.4	645	D
E33138	Redwing	715.5	30/19	1.081	8130.116	9316.500	—	5130.116	30AH	16SH	10.5	4.76	25.9	657	D
E33139	Coot	795.0	36/1	1.040	8130.109	9374.160	—	5130.109	30AH	74SH	10.2	4.54	25.4	645	D
E33140	Tern	795.0	45/7	1.063	8130.116	9310.277	—	5130.116	30AH	10SH	10.1	4.58	25.9	657	D
E33141	Condor	795.0	54/7	1.093	8130.116	9312.386	—	5130.116	30AH	12SH	10.3	4.67	25.9	657	D
E33142	Drake	795.0	26/7	1.108	8130.116	9314.432	—	5130.116	30AH	14SH	10.5	4.76	25.9	657	D
E33143	Mallard	795.0	30/19	1.140	8130.122	9416.516	—	5130.122	30AH	16SH	10.8	4.89	26.5	673	D
E33141	Cuckoo	795.0	24/7	1.092	8130.116	9312.386	—	5130.116	30AH	12SH	10.3	4.67	25.9	657	D
E33145	Ruddy	900.0	45/7	1.131	8130.122	9310.302	—	5130.122	30AH	10SH	10.0	4.53	26.4	683	D

Compression Dead Ends—33100 Series for ACSR Conductor, Eye or Clevis Type, Single Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY SINGLE TONGUE	STEEL COMPONENT		15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.		STEEL EYE	STEEL CLEVIS		ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN											
E33146	Canary	900.0	54/7	1.162	8130.122	9414.406	—	5130.122	30AH	14SH	10.8	4.89	26.5	673	D
E33147	Catbird	954.0	36/1	1.140	8130.122	9475.179	—	5130.122	30AH	75SH	10.4	4.71	26.5	673	D
E33148	Rail	954.0	45/7	1.165	8130.122	9410.302	—	5130.122	30AH	10SH	10.4	4.71	26.5	673	D
E33150	Cardinal	954.0	54/7	1.196	8130.125	9414.422	—	5130.125	30AH	14SH	10.8	4.89	27.3	692	D
E33151	Tanager	1033.5	36/1	1.186	8130.125	9475.184	—	5130.125	30AH	75SH	10.4	4.71	27.3	692	D
E33152	Ortolan	1033.5	45/7	1.212	8134.128	9410.316	—	5134.128	34AH	10SH	13.3	6.03	27.5	699	D
E33154	Curlew	1033.5	54/7	1.244	8134.134	9414.432	—	5134.134	34AH	14SH	13.1	5.94	28.1	714	D
E33155	Bluejay	1113.0	45/7	1.259	8134.134	9412.332	—	5134.134	34AH	12SH	12.8	5.81	28.1	714	D
E33158	Bunting	1192.5	45/7	1.302	8134.138	E9512.344	—	5134.138	34AH	12SH	12.9	5.85	28.2	716	D
E33161	Bittern	1272.0	45/7	1.345	8136.144	E9512.351	—	5136.144	36AH	12SH	14.2	6.43	28.3	719	D
E33163	Pheasant	1272.0	54/19	1.382	8136.147	E9616.500	—	5136.147	36AH	16SH	14.9	6.75	28.6	725	D
E33164	Dipper	1351.5	45/7	1.385	8136.147	E9612.377	—	5136.147	36AH	12SH	14.4	6.53	28.6	725	D
E33166	Martin	1351.5	54/19	1.424	8138.150	E9616.500	—	5138.150	38AH	16SH	16.8	7.62	28.8	732	D
E33167	Bobolink	1431.0	45/7	1.427	8138.150	E9612.377	—	5138.150	38AH	12SH	16.3	7.40	28.8	732	D
E33169	Plover	1431.0	54/19	1.465	8138.156	E9616.516	—	5138.156	38AH	16SH	16.4	7.44	28.8	732	D
E33170	Nuthatch	1510.5	45/7	1.466	8138.156	E9612.386	—	5138.156	38AH	12SH	15.9	7.22	28.8	732	D
E33172	Parrot	1510.5	54/19	1.506	8140.162	E9616.531	—	5140.162	40AH	16SH	19.6	8.88	29.7	754	E
E33173	Lapwing	1590.0	45/7	1.504	8140.162	E9612.397	—	5140.162	40AH	12SH	19.1	8.66	29.7	759	E
E33174	Falcon	1590.0	54/19	1.545	8140.162	E9718.546	—	5140.162	40AH	18SH	20.8	9.43	29.8	757	E
E33175	Chukar	1780.0	84/19	1.602	8142.178	E9714.453	—	5142.178	42AH	14SH	21.1	9.57	31.0	787	E
E33177	—	2034.0	72/7	1.681	8142.178C	E9814.359	—	5142.176	42AH	14SH	22.6	10.26	31.3	795	E
E33178	Bluebird	2156.0	84/19	1.762	8144.184	E9816.516	—	5144.184	44AH	16SH	23.0	10.43	28.9	734	E
E33179	Kiwi	2167.0	72/7	1.737	8144.181	E9812.377	—	5144.181	44AH	12SH	23.5	10.65	30.9	784	E
E33181	Thrasher	2312.0	76/19	1.802	8144.188	E9814.422	—	5144.188	44AH	14SH	23.1	10.47	30.9	784	E
E33182	Joree	2515.0	76/19	1.880	8148.197	E9814.453	—	5148.197	48AH	14SH	29.2	13.25	33.3	846	E

Compression Dead Ends—33300 Series for ACSR Conductor, Eye or Clevis Type, Double Tongue



The 33300 Series Double Tongue Dead End Assembly is specifically designed for ACSR conductors. The aluminum body of the dead end is fabricated from AFL seamless drawn aluminum. The tongue and terminal pad are constructed with a 15° angle, which permits the terminal connector to be bolted in the straight or 30° position.

All dead ends are designed for full tension use, achieving a minimum of 95% of the ASTM rated strength of the conductor on which they are used. Each dead end assembly comes with a dead end body, steel eye or clevis, two 15° terminals and aluminum hardware.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish. Corona bolts are furnished as standard on 15° terminals for these section sizes.

The square edges of bolted pads on compression accessories could cause Corona in environments greater than or equal to 345 kV. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV".

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

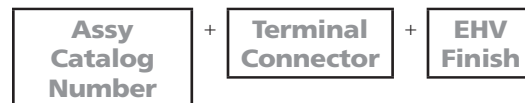
Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'.
For Standard Finish, leave blank.

Step 4: Assemble Catalog Number.



Example:

For 795 Drake Conductor with no terminal and EHV finish, the complete catalog number is:

E33342NTEHV

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 127.
5. Installation Instructions for Terminals are on page 131.

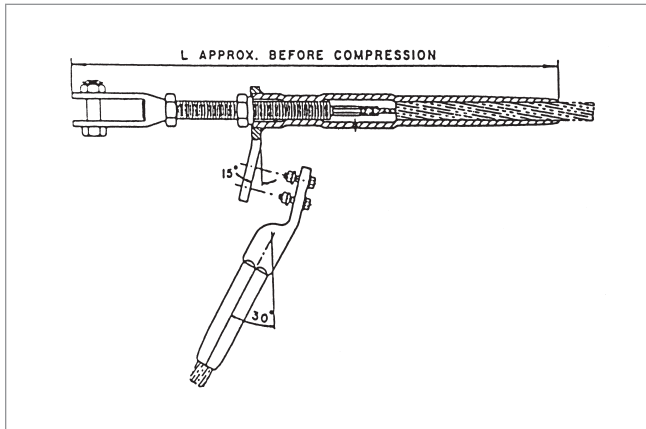
Compression Dead Ends—33300 Series for ACSR Conductor, Eye or Clevis Type, Double Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY DOUBLE TONGUE	STEEL COMPONENT		15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.		STEEL EYE	STEEL CLEVIS		ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN											
C33301	Grouse	80.0	8/1	0.367	8274.438S	—	102.17	5174.438	74AH	75SH	3.8	1.74	16.1	409	B
C33302	Raven	1/0	6/1	0.398	8274.438	—	100.14	5174.438	74AH	74SH	3.0	1.38	14.4	365	B
C33303	Quail	2/0	6/1	0.447	8274.484	—	100.16	5174.484	74AH	74SH	2.7	1.23	14.4	365	B
C33304	Pigeon	3/0	6/1	0.502	8275.547	—	102.17	5175.547	75AH	75SH	4.3	1.92	17.3	438	B
C33305	Penguin	4/0	6/1	0.563	8275.609	—	102.2	5175.609	75AH	75SH	4.0	1.82	17.3	438	B
C33306	Waxwing	266.8	18/1	0.609	8276.656	—	101.13	5176.656	76AH	74SH	4.6	2.09	18.4	467	B
C33307	Owl	266.8	6/7	0.633	8276.688	—	103.22	5176.688	76AH	76SH	4.5	2.03	18.1	460	B
C33308	Partridge	266.8	26/7	0.642	8276.688	—	103.25	5176.688	76AH	76SH	4.5	2.03	18.1	460	B
C33309	Ostrich	300.0	26/7	0.680	8276.719	—	103.26	5176.719	76AH	76SH	4.4	1.98	18.1	460	B
C33310	Merlin	336.4	18/1	0.684	8276.719	—	101.14	5176.719	76AH	74SH	4.3	1.94	18.1	460	B
C33311	Linnet	336.4	26/7	0.721	8276.781	—	103.28	5176.781	76AH	76SH	4.1	1.87	18.1	460	B
C33312	Chickadee	397.5	18/1	0.743	8276.781	—	101.16	5176.781	76AH	74SH	4.0	1.83	18.1	460	B
E33313	Linnet	336.4	26/7	0.721	8220.781	9110.277	—	5120.781	20AH	10SH	5.3	2.40	23.3	592	B
E33314	Oriole	336.4	30/7	0.741	8220.781	9110.332	—	5120.781	20AH	10SH	5.3	2.40	23.3	592	B
E33315	Chickadee	397.5	18/1	0.743	8220.781	9174.160	—	5120.781	20AH	74SH	5.1	2.31	23.3	592	B
E33316	Brant	397.5	24/7	0.772	8220.812	9110.261	—	5120.812	20AH	10SH	5.0	2.26	22.6	575	B
E33317	Ibis	397.5	26/7	0.783	8220.844	9110.302	—	5120.844	20AH	10SH	4.9	2.21	22.6	575	B
E33318	Lark	397.5	30/7	0.806	8220.844	9112.359	—	5120.844	20AH	12SH	5.0	2.25	22.6	575	B
E33319	Pelican	477.0	18/1	0.814	8224.875	9175.179	—	5124.875	24AH	75SH	6.1	2.77	21.6	548	B
E33320	Flicker	477.0	24/7	0.846	8224.938	9110.295	—	5124.938	24AH	10SH	6.2	2.82	22.7	576	B
E33321	Hawk	477.0	26/7	0.858	8224.938	9112.332	—	5124.938	24AH	12SH	6.3	2.86	22.7	576	B
E33322	Hen	477.0	30/7	0.883	8224.938C	9212.397	—	5124.938	24AH	12SH	6.8	3.09	22.8	579	B
E33323	Osprey	556.5	18/1	0.879	8224.938C	9275.188	—	5124.938	24AH	75SH	6.5	2.95	22.8	579	B
E33324	Parakeet	556.5	24/7	0.914	8224.969	9210.316	—	5124.969	24AH	10SH	6.6	2.99	23.3	592	B
E33325	Dove	556.5	26/7	0.927	8224.969	9212.359	—	5124.969	24AH	12SH	6.9	3.13	23.3	592	B
E33326	Eagle	556.5	30/7	0.953	8227.100	9314.432	—	5127.100	27AH	14SH	9.8	4.44	25.0	635	D
E33327	Peacock	605.0	24/7	0.953	8227.100	9212.332	—	5127.100	27AH	12SH	8.8	3.99	24.8	630	D
E33328	Squab	605.0	26/7	0.966	8227.100	9212.377	—	5127.100	27AH	12SH	8.8	3.99	24.8	630	D
E33329	Teal	605.0	30/19	0.994	8227.106	9314.441	—	5127.106	27AH	14SH	9.7	4.40	25.0	635	D
E33330	Swift	636.0	36/1	0.930	8227.100	9274.148	—	5127.100	27AH	74SH	8.5	3.85	24.8	630	D
E33331	Kingbird	636.0	18/1	0.940	8227.100	9275.203	—	5127.100	27AH	75SH	8.5	3.85	24.8	630	D
E33332	Rook	636.0	24/7	0.977	8227.106	9212.344	—	5127.106	27AH	12SH	8.7	3.95	24.8	630	D
E33333	Grosbeak	636.0	26/7	0.990	8227.106	9212.386	—	5127.106	27AH	12SH	8.7	3.95	24.8	630	D
E33334	Egret	636.0	30/19	1.019	8227.106	9314.453	—	5127.106	27AH	14SH	9.7	4.40	25.0	635	D
E33335	Flamingo	666.6	24/7	1.000	8227.106	9212.351	—	5127.106	27AH	12SH	8.7	3.95	24.8	630	D
E33336	Stilt	715.5	24/7	1.036	8230.109	9312.359	—	5130.109	30AH	12SH	11.4	5.17	25.4	645	D
E33337	Starling	715.5	26/7	1.051	8230.109	9314.406	—	5130.109	30AH	14SH	11.6	5.26	25.4	645	D
E33338	Redwing	715.5	30/19	1.081	8230.116	9316.500	—	5130.116	30AH	16SH	11.4	5.17	25.9	657	D
E33339	Coot	795.0	36/1	1.040	8230.109	9374.160	—	5130.109	30AH	74SH	11.1	5.03	25.4	645	D
E33340	Tern	795.0	45/7	1.063	8230.116	9310.277	—	5130.116	30AH	10SH	11.0	4.99	25.9	657	D
E33341	Condor	795.0	54/7	1.093	8230.116	9312.386	—	5130.116	30AH	12SH	11.2	5.08	25.9	657	D
E33342	Drake	795.0	26/7	1.108	8230.116	9314.432	—	5130.116	30AH	14SH	11.4	5.17	25.9	658	D

Compression Dead Ends—33300 Series for ACSR Conductor, Eye or Clevis Type, Double Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY DOUBLE TONGUE	STEEL COMPONENT		15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.		STEEL EYE	STEEL CLEVIS		ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN											
E33343	Mallard	795.0	30/19	1.140	8230.122	9416.516	—	5130.122	30AH	16SH	11.7	5.30	26.5	673	D
E33341	Cuckoo	795.0	24/7	1.092	8230.116	9312.386	—	5130.116	30AH	12SH	11.2	5.08	25.9	657	D
E33345	Ruddy	900.0	45/7	1.131	8230.122	9310.302	—	5130.122	30AH	10SH	10.9	4.94	26.4	683	D
E33346	Canary	900.0	54/7	1.162	8230.122	9414.406	—	5130.122	30AH	14SH	11.7	5.30	26.5	673	D
E33347	Catbird	954.0	36/1	1.140	8230.122	9475.179	—	5130.122	30AH	75SH	11.5	5.12	26.5	673	D
E33348	Rail	954.0	45/7	1.165	8230.122	9410.302	—	5130.122	30AH	10SH	11.3	5.12	26.5	673	D
E33350	Cardinal	954.0	54/7	1.196	8230.125	9414.422	—	5130.125	30AH	14SH	11.7	5.30	27.3	692	D
E33351	Tanager	1033.5	36/1	1.186	8230.125	9475.184	—	5130.125	30AH	75SH	11.3	5.12	27.3	692	D
E33352	Ortolan	1033.5	45/7	1.212	8234.128	9410.316	—	5134.128	34AH	10SH	14.1	6.39	27.5	699	D
E33354	Curllew	1033.5	54/7	1.244	8234.134	9414.432	—	5134.134	34AH	14SH	13.9	6.30	28.1	714	D
E33355	Bluejay	1113.0	45/7	1.259	8234.134	9412.332	—	5134.134	34AH	12SH	13.6	6.17	28.1	714	D
E33358	Bunting	1192.5	45/7	1.302	8234.138	E9512.344	—	5134.138	34AH	12SH	13.7	6.21	28.2	716	D
E33361	Bittern	1272.0	45/7	1.345	8236.144	E9512.351	—	5136.144	36AH	12SH	15.0	6.80	28.3	719	D
E33363	Pheasant	1272.0	54/19	1.382	8236.147	E9616.500	—	5136.147	36AH	16SH	15.7	7.12	28.6	725	D
E33364	Dipper	1351.5	45/7	1.385	8236.147	E9612.377	—	5136.147	36AH	12SH	15.2	6.90	28.6	725	D
E33366	Martin	1351.5	54/19	1.424	8238.150	E9616.500	—	5138.150	38AH	16SH	17.7	8.02	28.8	732	D
E33367	Bobolink	1431.0	45/7	1.427	8238.150	E9612.377	—	5138.150	38AH	12SH	15.2	7.80	28.8	732	D
E33369	Plover	1431.0	54/19	1.465	8238.156	E9616.516	—	5138.156	38AH	16SH	17.3	7.85	28.8	732	E
E33370	Nuthatch	1510.5	45/7	1.466	8238.156	E9612.386	—	5138.156	38AH	12SH	16.8	7.63	28.8	732	E
E33372	Parrot	1510.5	54/19	1.506	8240.162	E9616.531	—	5140.162	40AH	16SH	21.4	9.70	29.7	754	E
E33373	Lapwing	1590.0	45/7	1.504	8240.162	E9612.397	—	5140.162	40AH	12SH	20.9	9.48	29.7	759	E
E33374	Falcon	1590.0	54/19	1.545	8240.162	E9718.546	—	5140.162	40AH	18SH	22.6	10.25	29.8	757	E
E33375	Chukar	1780.0	84/19	1.602	8242.178	E9714.453	—	5142.178	42AH	14SH	21.6	9.80	31.0	787	E
E33377	—	2034.0	72/7	1.681	8242.178C	E9814.359	—	5142.178	42AH	14SH	23.1	10.48	31.3	795	E
E33378	Bluebird	2156.0	84/19	1.762	8244.184	E9816.516	—	5144.184	44AH	16SH	23.4	10.61	28.9	734	E
E33379	Kiwi	2167.0	72/7	1.737	8244.181	E9812.377	—	5144.181	44AH	12SH	23.9	10.83	30.9	784	E
E33381	Thrasher	2312.0	76/19	1.802	8244.188	E9814.422	—	5144.188	44AH	14SH	23.5	10.66	30.9	784	E
E33382	Joree	2515.0	76/19	1.880	8248.197	E9814.453	—	5148.197	48AH	14SH	30.5	13.84	33.3	846	E

Compression Dead Ends—43600 Series for ACSR Conductor, Adjustable Clevis Type, Single Tongue



The 43600 Series Adjustable Clevis Dead End Assembly is specifically designed for ACSR conductors. The aluminum body of the dead end is fabricated from AFL seamless drawn aluminum. The tongue and terminal pad are constructed with a 15° angle, which permits the terminal connector to be bolted in the straight or 30° position.

All dead ends are designed for full tension use, achieving a minimum of 95% of the ASTM rated strength of the conductor on which they are used. Each dead end assembly comes with a dead end body, adjustable steel clevis, 15° terminal and aluminum hardware.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish. Corona bolts are furnished as standard on 15° terminals for these section sizes.

The square edges of bolted pads on compression accessories could cause Corona in environments greater than or equal to 345 kV. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV".

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'.
For Standard Finish, leave blank.

Step 4: Assemble Catalog Number.



Example:

For 795 Drake conductor with no terminal and EHV finish, the complete catalog number is:

C43642NTEHV

Notes:

1. Adjustable Clevis Dimensions are on page 120.
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 129.
5. Installation Instructions for Terminals are on page 131.

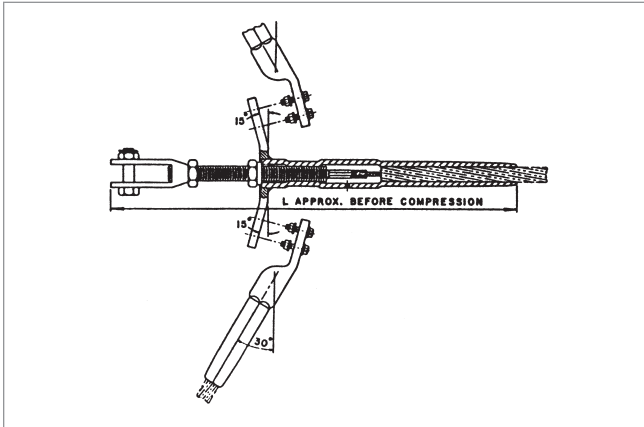
Compression Dead Ends—43600 Series for ACSR Conductor, Adjustable Clevis Type, Single Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY SINGLE TONGUE	ADJUSTABLE STEEL CLEVIS	15° TERMINAL CONNECTOR	DIE SIZE		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.				ALUMINUM HEX DIES	STEEL HEX DIES	IN	MM	
		KCMIL										
C43613	Linnet	336.4	26/7	0.721	8120.781	C6110.277	5120.781	20AH	10SH			
C43614	Oriole	336.4	30/7	0.741	8120.781	C6110.332	5120.781	20AH	10SH			
C43615	Chickadee	397.5	18/1	0.743	8120.781	C6174.160	5120.781	20AH	74SH			
C43616	Brant	397.5	24/7	0.772	8120.812	C6110.261	5120.812	20AH	10SH			
C43617	Ibis	397.5	26/7	0.783	8120.844	C6110.302	5120.844	20AH	10SH			
C43618	Lark	397.5	30/7	0.806	8120.844	C6112.359	5120.844	20AH	12SH			
C43619	Pelican	477.0	18/1	0.814	8124.875	C6175.179	5124.875	24AH	75SH			
C43620	Flicker	477.0	24/7	0.846	8124.938C	C6210.295	5124.938	24AH	10SH			
C43621	Hawk	477.0	26/7	0.858	8124.938C	C6212.332	5124.938	24AH	12SH			
C43622	Hen	477.0	30/7	0.883	8124.938C	C6212.397	5124.938	24AH	12SH			
C43623	Osprey	556.5	18/1	0.879	8124.938C	C6275.188	5124.938	24AH	75SH			
C43624	Parakeet	556.5	24/7	0.914	8124.969C	C6210.316	5124.969	24AH	10SH			
C43625	Dove	556.5	26/7	0.927	8124.969C	C6212.359	5124.969	24AH	12SH			
C43626	Eagle	556.5	30/7	0.953	8127.100	C6214.432	5127.100	27AH	14SH			
C43627	Peacock	605.0	24/7	0.953	8127.100	C6212.332	5127.100	27AH	12SH			
C43628	Squab	605.0	26/7	0.968	8127.100	C6212.377	5127.100	27AH	12SH			
C43629	Teal	605.0	30/19	0.994	8127.106	C6214.441	5127.106	27AH	14SH			
C43630	Swift	636.0	36/1	0.930	8127.100	C6274.148	5127.100	27AH	74SH			
C43631	Kingbird	636.0	18/1	0.940	8127.100	C6275.203	5127.100	27AH	75SH			
C43632	Rook	636.0	24/7	0.977	8127.100	C6212.344	5127.106	27AH	12SH			
C43633	Grosbeak	636.0	26/7	0.990	8121.106	C6212.386	5127.106	27AH	12SH			
C43634	Egret	636.0	30/19	1.019	8127.106C	C6314.453	5127.106	27AH	14SH			
C43635	Flamigo	666.6	24/7	1.000	8127.106C	C6312.351	5127.106	27AH	12SH			
C43636	—	715.5	24/7	1.036	8130.109	C6312.359	5130.109	30AH	12SH			
C43637	Starling	715.5	26/7	1.051	8130.109	C6314.406	5130.109	30AH	14SH			
C43638	Redwing	715.5	30/19	1.081	8130.116	C6316.500	5130.116	30AH	16SH			
C43639	Coot	795.0	36/1	1.040	8130.109	C6374.160	5130.109	30AH	74SH			
C43640	Tern	795.0	45/7	1.063	8130.116	C6310.277	5130.116	30AH	10SH			
C43641	Condor	795.0	54/7	1.093	8130.116	C6312.386	5130.116	30AH	12SH			
C43642	Drake	795.0	26/7	1.108	8130.116	C6314.432	5130.116	30AH	14SH			
C43643	Mallard	795.0	30/19	1.140	8130.122	C6416.516	5130.122	30AH	16SH			
C43641	Cuckoo	795.0	24/7	1.092	8130.116	C6312.386	5130.116	30AH	12SH			
C43645	Ruddy	900.0	45/7	1.131	8130.122	C6410.302	5130.122	30AH	10SH			
C43646	Canary	900.0	54/7	1.162	8130.122	C6414.406	5130.122	30AH	14SH			

Compression Dead Ends—43600 Series for ACSR Conductor, Adjustable Clevis Type, Single Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY SINGLE TONGUE	ADJUSTABLE STEEL CLEVIS	15° TERMINAL CONNECTOR	DIE SIZE		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.				ALUMINUM HEX DIES	STEEL HEX DIES	IN	MM	
		KCMIL										
C43647	Catbird	954.0	36/1	1.140	8130.122	C6475.179	5130.122	30AH	15SH			
C43648	Rail	954.0	45/7	1.165	8130.122	C6410.302	5130.122	30AH	10SH			
C43650	Cardinal	954.0	54/7	1.196	8130.125	C6414.422	5130.125	30AH	14SH			
C43651	Tanager	1033.5	36/1	1.186	8130.125	C6475.184	5130.125	30AH	75SH			
C43652	Ortolan	1033.5	45/7	1.212	8134.128	C6410.316	5134.128	34AH	10SH			
C43654	Curlew	1033.5	54/7	1.244	8134.134	C6414.432	5134.134	34AH	14SH			
C43655	Bluejay	1113.0	45/7	1.259	8134.134	C6412.332	5134.134	34AH	12SH			
C43657	Finch	1113.0	54/19	1.293	8134.138	C6414.453	5134.138	34AH	14SH			
C43658	Bunting	1192.5	45/7	1.302	8134.138	C6412.344	5134.138	34AH	12SH			
C43660	Grackle	1192.5	54/19	1.333	8136.144	C6514.453	5136.144	36AH	14SH			
C43661	Bittern	1272.0	45/7	1.345	8136.144	C6512.351	5136.144	36AH	12SH			
C43663	Pheasant	1272.0	54/19	1.382	8136.147	C6516.500	5136.147	36AH	16SH			
C43664	Dipper	1351.5	45/7	1.385	8136.147	C6512.377	5136.147	36AH	12SH			
C43666	Martin	1351.5	54/19	1.424	8139.150	C6516.500	5138.150	38AH	16SH			
C43667	Bobolink	1431.0	45/7	1.427	8138.150	C6512.377	5138.150	38AH	12SH			
C43669	Plover	1431.0	54/19	1.465	8138.156	C6516.516	5130.156	36AH	16SH			
C43670	Nuthatch	1510.5	45/7	1.466	8138.156	C6512.386	5138.156	38AH	12SH			
C43672	Parrot	1510.5	54/19	1.506	8140.162	C6616.531	5140.162	40AH	16SH			
C43673	Lapwing	1590.0	45/7	1.504	8140.162	C6612.397	5140.162	40AH	12SH			
C43674	Falcon	1590.0	54/19	1.545	8140.162	C6618.546	5140.162	40AH	18SH			
C43675	Chukar	1780.0	84/19	1.602	8142.178C	C6714.453	5142.178	42AH	14SH			
C43677	—	2034.0	72/7	1.681	8142.178C	C6714.359	5142.178	42AH	14SH			
C43678	Bluebird	2156.0	84/19	1.762	8144.184	C6716.516	5144.184	44AH	16SH			
C43679	Kiwi	2167.0	72/7	1.737	8144.181	C6712.377	5144.181	44AH	12SH			
C43681	Thrasher	2312.0	76/19	1.802	8144.188	C6714.422	5144.188	44AH	14SH			
C43682	Joree	2315.0	76/19	1.880	8148.197	C6814.453	5148.197	48AH	14SH			
C43679	Kiwi	2167.0	72/7	1.737	8144.181	C6712.377	5144.181	44AH	12SH			
C43681	Thrasher	2312.0	76/19	1.802	8144.188	C6714.422	5144.188	44AH	14SH			
C43682	Joree	2315.0	76/19	1.880	8148.197	C6814.453	5148.197	48AH	14SH			

Compression Dead Ends—43800 Series for ACSR Conductor, Adjustable Clevis Type, Double Tongue



The 43800 Series Adjustable Clevis Dead End assembly is specifically designed for ACSR conductors. The aluminum body of the dead end is fabricated from AFL seamless drawn aluminum. The tongue and terminal pad are constructed with a 15° angle, which permits the terminal connector to be bolted in the straight or 30° position.

All dead ends are designed for full tension use, achieving a minimum of 95% of the ASTM rated strength of the conductor on which they are used. Each dead end assembly comes with a dead end body, adjustable steel clevis, two 15° terminals and aluminum hardware.

For die size sections 30AH and above, the end tapers of the compression portions of all compression accessories are supplied with a high voltage finish. Corona bolts are furnished as standard on 15° terminals for these section sizes.

The square edges of the bolted pads of the compression accessories could cause Corona. Pads with edges and corners rounded can be supplied by adding the catalog suffix "EHV".

Ordering Instructions

Step 1: Assembly Catalog Number

Determine the assembly catalog number based on the conductor being used.

Step 2: Terminal Connector

For an assembly without a terminal connector, use 'NT'.
For an assembly with a terminal connector, leave blank.

Step 3: Extra High Voltage Finish

For Extra High Voltage Finish, use 'EHV'.
For Standard Finish, leave blank.

Step 4: Assemble Catalog Number.



Example:

For 795 Drake conductor with no terminal and EHV finish, the complete catalog number is:

C43842NTEHV

Notes:

1. Adjustable Clevis Dimensions are on page 120.
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 129.
5. Installation Instructions for Terminals are on page 131.

Compression Dead Ends—43800 Series for ACSR Conductor, Adjustable Clevis Type, Double Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY DOUBLE TONGUE	ADJUSTABLE STEEL CLEVIS	15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.				ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN										
C43813	Linnet	336.4	26/7	0.721	8220.781	C6110.277	5120.781	20AH	10SH	7.6	3.44	30.0	762	B
C43814	Oriole	336.4	30/7	0.741	8220.781	C6110.332	5120.781	20AH	10SH	7.6	3.44	30.0	762	B
C43815	Chickadee	397.5	18/1	0.743	8220.781	C6174.160	5120.781	20AH	74SH	7.3	3.30	30.0	762	B
C43816	Brant	397.5	24/7	0.772	8220.812	C6110.261	5120.812	20AH	10SH	7.3	3.30	29.4	746	B
C43817	Ibis	397.5	26/7	0.783	8220.844	C6110.302	5120.844	20AH	10SH	7.2	3.25	29.4	746	B
C43818	Lark	397.5	30/7	0.806	8220.844	C6112.359	5120.844	20AH	12SH	7.3	3.29	29.4	746	B
C43819	Pelican	477.0	18/1	0.814	8224.875	C6175.179	5124.875	24AH	75SH	8.4	3.82	28.3	718	B
C43820	Flicker	477.0	24/7	0.846	8224.938C	C6210.295	5124.938	24AH	10SH	9.2	4.18	29.6	751	B
C43821	Hawk	477.0	26/7	0.858	8224.938C	C6212.332	5124.938	24AH	12SH	9.4	4.27	29.6	751	B
C43822	Hen	477.0	30/7	0.883	8224.938C	C6212.397	5124.938	24AH	12SH	9.4	4.27	29.6	751	B
C43823	Osprey	556.5	18/1	0.879	8224.938C	C6275.188	5124.938	24AH	75SH	9.2	4.13	29.6	751	B
C43824	Parakeet	556.5	24/7	0.914	8224.969C	C6210.316	5124.969	24AH	10SH	9.5	4.22	30.1	764	B
C43825	Dove	556.5	26/7	0.927	8224.969C	C6212.359	5124.969	24AH	12SH	9.5	4.31	30.1	704	B
C43826	Eagle	556.5	30/7	0.953	8227.100	C6214.432	5127.100	27AH	14SH	11.6	5.26	31.6	802	D
C43827	Peacock	605.0	24/7	0.953	8227.100	C6212.332	5127.100	27AH	12SH	11.4	5.17	31.6	802	D
C43828	Squab	605.0	26/7	0.966	8227.100	C621.2377	5127.100	27AH	12SH	11.4	5.17	31.6	802	D
C43829	Teal	605.0	30/19	0.994	8227.106	C6214.441	5127.106	27AH	14SH	11.5	5.22	31.6	802	D
C43830	Swift	636.0	36/1	0.930	8227.100	C6274.148	5127.100	27AH	74SH	11.0	5.01	31.6	802	D
C43831	Kingbird	636.0	18/1	0.940	8227.100	C6275.203	5127.100	27AH	75SH	11.1	5.03	31.6	802	D
C43832	Rook	636.0	24/7	0.977	8227.106	C6212.344	5127.106	27AH	12SH	11.3	5.13	31.6	802	D
C43833	Grosbeak	636.0	26/7	0.990	8227.106	C6212.386	5127.106	27AH	12SH	11.3	5.13	31.6	802	D
C43834	Egret	636.0	30/19	1.019	8227.106C	C6314.453	5127.106	27AH	14SH	15.9	6.85	34.0	864	D
C43835	Flamingo	666.6	24/7	1.000	8227.106C	C6312.351	5127.106	27AH	12SH	15.6	6.71	34.0	864	D
C43836	Stilt	715.5	24/7	1.036	8230.109	C6312.359	5130.109	30AH	12SH	16.6	7.57	34.4	873	D
C43837	Starling	715.5	26/7	1.051	8230.109	C6314.406	5130.109	30AH	14SH	15.5	7.71	34.3	871	D
C43838	Redwing	715.5	30/19	1.081	8230.109	C6316.500	5130.116	30AH	16SH	15.6	7.71	34.8	884	D
C43839	Coot	795.0	36/1	1.040	8230.109	C6374.160	5130.109	30AH	74SH	16.4	7.44	34.3	871	D
C43840	Tern	795.0	45/7	1.063	8230.116	C6310.277	5130.116	30AH	10SH	16.4	7.44	34.8	871	D
C43841	Condor	795.0	54/7	1.093	8230.116	C6312.386	5130.116	30AH	12SH	16.5	7.48	34.8	871	D
C43842	Drake	795.0	26/7	1.108	8230.116	C6314.432	5130.116	30AH	14SH	16.8	7.62	34.8	871	D
C43843	Mallard	795.0	30/19	1.140	8230.122	C6416.516	5130.122	30AH	16SH	17.7	8.02	35.4	900	D
C43841	Cuckoo	795.0	24/7	1.092	8230.116	C6312.386	5130.116	30AH	12SH	16.5	7.48	34.8	871	D
C43845	Ruddy	900.0	45/7	1.131	8230.122	C6410.302	5130.122	30AH	10SH	13.0	7.71	35.4	900	D
C43846	Canary	900.0	54/7	1.162	8230.122	C6414.406	5130.122	30AH	14SH	17.4	7.89	35.4	900	D
C43847	Catbird	954.0	36/1	1.140	8230.122	C6475.179	5130.122	30AH	75SH	16.9	7.66	35.4	900	D
C43848	Rail	954.0	45/7	1.165	8230.122	C6410.302	5130.122	30AH	10SH	17.0	7.71	35.4	900	D
C43850	Cardinal	954.0	54/7	1.196	8230.125	C6414.422	5130.125	30AH	14SH	17.4	7.89	36.2	919	D
C43851	Tanager	1033.5	36/1	1.186	8230.125	C6475.184	5130.125	30AH	75SH	16.9	7.66	36.2	919	D
C43852	Ortolan	1033.5	45/7	1.212	8234.128	C6410.316	5134.128	34AH	10SH	19.8	8.98	36.4	926	D
C43854	Curlew	1033.5	54/7	1.244	8234.134	C6414.432	5134.134	34AH	14SH	21.6	8.89	37.1	943	D

Compression Dead Ends—43800 Series for ACSR Conductor, Adjustable Clevis Type, Double Tongue (cont.)

DEAD END ASSEMBLY CATALOG NUMBER	CONDUCTOR				ALUMINUM BODY DOUBLE TONGUE	ADJUSTABLE STEEL CLEVIS	15° TERMINAL CONNECTOR	DIE SIZE		TOTAL WEIGHT		DIMENSION L		PAD SIZE
	CODE WORD	SIZE	STRANDING	DIA.				ALUMINUM HEX DIES	STEEL HEX DIES	LBS	KG	IN	MM	
		KCMIL	AL/ST	IN										
C43855	Bluejay	1113.0	45/7	1.259	8234.134	C6412.332	5134.134	34AH	12SH	19.4	8.80	37.1	943	D
C43857	Finch	1113.0	54/19	1.293	8234.138	C6414.453	5134.138	34AH	14SH	19.2	8.71	37.1	941	D
C43858	Bunting	1192.5	45/7	1.302	8234.138	C6412.344	5134.138	34AH	12SH	19.0	8.62	37.1	941	D
C43860	Grackle	1192.5	54/19	1.333	8236.144	C6514.453	5136.144	36AH	14SH	21.6	9.82	37.4	949	D
C43861	Bittern	1272.0	45/7	1.345	8236.144	C6512.351	5136.144	36AH	12SH	21.4	9.73	37.4	949	D
C43863	Pheasant	1272.0	54/19	1.382	8236.147	C6516.500	5136.147	36AH	16SH	21.5	9.75	37.6	956	D
C43864	Dipper	1351.5	45/7	1.385	8236.147	C6512.377	5136.147	36AH	12SH	21.0	9.53	37.6	956	D
C43866	Martin	1351.5	54/19	1.424	8238.150	C6516.500	5138.150	38AH	16SH	23.5	9.85	37.9	962	D
C43867	Bobolink	1431.0	45/7	1.427	8238.150	C6512.377	5138.150	38AH	12SH	23.0	10.43	37.9	962	D
C43869	Plover	1431.0	54/19	1.465	8238.156	C6516.516	5138.156	36AH	16SH	23.1	10.48	37.9	962	D
C43870	Nuthatch	1510.5	45/7	1.466	8238.156	C6512.386	5138.156	38AH	12SH	22.6	10.26	37.9	962	D
C43872	Parrot	1510.5	54/19	1.506	8240.162	C6616.531	5140.162	40AH	16SH	31.1	14.10	41.3	1049	E
C43873	Lapwing	1590.0	45/7	1.504	8240.162	C6612.397	5140.162	40AH	12SH	30.6	13.88	41.3	1049	E
C43874	Falcon	1590.0	54/19	1.545	8240.162	C6618.546	5140.162	40AH	18SH	31.5	14.36	41.3	1049	E
C43875	Chukar	1780.0	84/19	1.602	8242.178C	C6714.453	5142.178	42AH	14SH	31.7	14.38	42.7	1084	E
C43877	—	2034.0	72/7	1.681	8242.178C	C6714.359	5142.178	42AH	14SH	31.7	14.68	42.7	1084	E
C43878	Bluebird	2156.0	84/19	1.762	8244.184	C6716.516	5144.184	44AH	16SH	32.3	14.65	40.3	1022	E
C43879	Kiwi	2167.0	72/7	1.737	8244.181	C6712.377	5144.181	44AH	12SH	32.6	14.78	42.3	1073	E
C43881	Thrasher	2312.0	76/19	1.802	8244.188	C6714.422	5144.188	44AH	14SH	32.1	14.56	43.3	1099	E
C43882	Joree	2515.0	76/19	1.880	8248.197	C6814.453	5148.197	48AH	14SH	45.1	20.46	45.2	1148	E
C43879	Kiwi	2167.0	72/7	1.737	8244.181	C6712.377	5144.181	44AH	12SH	32.6	14.78	42.3	1073	E
C43881	Thrasher	2312.0	76/19	1.802	8244.188	C6714.422	5144.188	44AH	14SH	32.1	14.56	43.3	1099	E
C43882	Joree	2515.0	76/19	1.880	8248.197	C6814.453	5148.197	48AH	14SH	45.1	20.46	45.2	1148	E