

Compression Dead-end: ACSR, ACSS, ACSS/TW

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

These **Compression Dead-ends** are specially designed for applications on ACSR conductor only. Designs utilize a dual compression product requiring compression of a steel component around the steel core and an aluminum component around the aluminum wire OD. Compression of products can be completed with industry standard presses and dies.

Features

- Dead End Body: Aluminum component of dead end assembly that is compressed around the OD of the conductor.
- Steel Dead End Eye: Steel component of the dead end assembly that is compressed around the OD of the steel core.
- Holding Strength: 95% or more of the conductor rated breaking strength (RBS) in accordance with ANSI C119.4 requirements for tensile strength.
- Design allows for continuous conductor operating temperatures up to 125°C (150°C two hour emergency).
- Dead End pad is constructed with a 15° angle which allows for the terminal connection of jumper and dead end to be bolted together in a 0° or 30° configuration.
- Includes: Aluminum dead end body, steel dead end eye, felt washer, and filler plug.

Documentation

Application Procedures

[SP3125 \(Compression Dead-end and Jumper\)](#)

Catalog Pages

[Compression Dead-end CMPDE for ACSR Conductors - Catalog](#)

[Compression Dead-end CMPDE for ACSS and ACSS/TW Conductors - Catalog](#)

Small Catalog

[Compression Hardware Series for ACSR Conductors - EN CA-1009-1](#)

Part Tables

ACSR Catalog Numbers

Dead-end Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Steel Eye Part No.	Steel Die Size	Dimensions		Wgt lbs	Pad Cfg.	Pad Class	Dead-end Eye Class
	Code Word	Area kcmil	Al/St	Dia. in					Al. Tube Length in	DE Eye Length in				
CMPDE-1063	Tern	795	45/7	1.063	74125	30AH	65595	10SH	21.4	5.2	8.1	4	G	1 & 2
CMPDE-1081	Redwing	715.5	30/19	1.081	74126	30AH	65762	16SH	21.4	5.6	9.7	4	G	3
CMPDE-1092	Cuckoo/Condor	795	24/7,54/7	1.092	74273	30AH	65763	12SH	20.2	5.6	8.9	4	G	3
CMPDE-1108	Drake	795	26/7	1.108	64892	30AH	65542	14SH	20.2	5.6	9.0	4	G	3
CMPDE-1131	Ruddy	900	45/7	1.131	74127	30AH	65765	10SH	21.8	5.2	8.2	4	H	1 & 2
CMPDE-1140	Skimmer/Mallard	795	30/7,30/19	1.140	74128	30AH	65766	16SH	21.8	5.6	9.7	4	H	3
CMPDE-1162	Canary	900	54/7	1.162	74129	30AH	65768	14SH	20.6	5.6	9.2	4	H	3
CMPDE-1165	Comcrake/Rail	954	20/7,45/7	1.165	74130	30AH	65769	10SH	20.6	5.6	8.9	4	H	3
CMPDE-1196	Redbird/Cardinal	954	24/7,54/7	1.196	74131	30AH	65770	14SH	20.8	5.6	9.3	4	H	3
CMPDE-1203	Snowbird	1033.5	42/7	1.203	74132	30AH	65771	10SH	20.8	5.6	9.0	4	H	3
CMPDE-1212	Ortolan	1033.5	45/7	1.212	74133	34AH	65703	10SH	20.9	5.6	10.4	4	J	3
CMPDE-1245	Curlew	1033.5	54/7	1.245	74134	34AH	65772	14SH	22.5	5.6	11.1	4	J	3
CMPDE-1248	Canvasback	954	30/19	1.248	74135	34AH	65773	18SH	22.5	5.7	12.6	4	J	4
CMPDE-1259	Bluejay	1113	45/7	1.259	74136	34AH	65695	12SH	22.5	5.6	11.0	4	J	3
CMPDE-1293	Finch	1113	54/19	1.293	74137	34AH	65774	14SH	22.8	5.6	11.3	4	J	3
CMPDE-1302	Bunting	1192.5	45/7	1.302	74138	34AH	65693	12SH	22.8	5.6	11.1	4	J	3
CMPDE-1338	Grackle	1192.5	54/19	1.338	74139	36AH	65775	14SH	23.1	5.7	13.1	4	K	4
CMPDE-1345	Bittern	1272	45/7	1.345	74140	36AH	65687	12SH	23.1	5.6	12.0	4	K	3
CMPDE-1504	Lapwing	1590	45/7	1.504	74147	40AH	65683	12SH	24.3	5.7	14.5	4	M	4
CMPDE-1505	Parrot	1510	54/19	1.505	74148	40AH	65782	16SH	24.3	5.7	15.0	4	M	4
CMPDE-1545	Falcon	1590	54/19	1.545	74149	40AH	65675	18SH	25.5	5.8	16.4	4	N	5
CMPDE-1602	Chukar	1780	84/19	1.602	74150	42AH	65539	14SH	25.5	5.8	17.6	4	P	5

ACSS-ACSS/TW Catalog Numbers

ACSS Conductors

Dead End Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Steel Eye Part No.	Steel Die Size	Dimensions		DE Eye Class
	Code Word	Area kcmil	Al/St	Dia in					Al. Tube Length in	DE Eye Length in	
CMPDE-701HT	Woodcock ACSS	336.4	22/7	0.701	86000	20AH	86001	76SH	21.5	5.2	2
CMPDE-720HT	Linnet ACSS	336.4	26/7	0.720	86005	20AH	86006	10SH	21.5	5.2	2
CMPDE-741HT	Oriole ACSS	336.4	30/7	0.741	86010	20AH	86011	10SH	21.5	5.2	2
CMPDE-752HT	Ptarmigan ACSS	397.5	20/7	0.752	86015	20AH	86016	10SH	22	5.2	2
CMPDE-772HT	Brant ACSS	397.5	24/7	0.772	86020	20AH	86021	10SH	22	5.2	2
CMPDE-783HT	Ibis ACSS	397.5	26/7	0.783	86025	20AH	86026	10SH	22	5.2	2
CMPDE-806HT	Lark ACSS	397.5	30/7	0.806	86030	20AH	86031	12SH	2.7	5.2	2
CMPDE-824HT	Tailorbird ACSS	477	20/7	0.824	86035	20AH	86036	10SH	22.2	5.2	2
CMPDE-846HT	Flicker ACSS	477	24/7	0.846	86040	24AH	86041	10SH	22.2	5.2	2
CMPDE-858HT	Hawk ACSS	477	26/7	0.858	86045	24AH	86046	12SH	22.2	5.2	2
CMPDE-883HT	Hen ACSS	477	30/7	0.883	86050	24AH	86051	12SH	22.2	5.2	2
CMPDE-901HT	Sapsucker ACSS	556.5	22/7	0.901	86055	24AH	86056	10SH	22.2	5.2	2
CMPDE-914HT	Parakeet ACSS	556.5	24/7	0.914	86060	24AH	86061	10SH	25	5.2	2
CMPDE-927HT	Dove ACSS	556.5	26/7	0.927	86065	27AH	86066	12SH	25	5.2	2
CMPDE-953HT	Eagle ACSS	556.5	30/7	0.953	86070	27AH	86071	14SH	25	5.5	3
CMPDE-963HT	Goldfinch ACSS	636	22/7	0.963	86080	27AH	86081	10SH	25	5.2	2
CMPDE-966HT	Squab ACSS	605	26/7	0.966	86085	27AH	86086	12SH	25	5.2	2
CMPDE-977HT	Rook ACSS	636	24/7	0.977	86105	27AH	86106	12SH	26.4	5.2	2
CMPDE-991HT	Grosbeak ACSS	636	26/7	0.991	86090	27AH	86091	12SH	26.4	5.5	3
CMPDE-994HT	Wood Duck ACSS	605	30/7	0.994	86095	27AH	86096	14SH	26.4	5.5	3
	Teal ACSS	605	30/19	0.994	86095	27AH	86096	14SH	26.4	5.5	3
CMPDE-1000HT	Flamingo ACSS	666.6	24/7	1.000	86110	27AH	86111	12SH	26.4	5.2	2
CMPDE-1014HT	Gannet ACSS	666.6	26/7	1.014	86115	27AH	86116	14SH	26.4	5.5	3
CMPDE-1019HT	Scoter ACSS	636	30/7	1.019	86125	27AH	86126	14SH	26.4	5.5	3
	Egret ACSS	636	30/19	1.019	86125	27AH	86126	14SH	26.4	5.5	3
CMPDE-1036HT	Stilt ACSS	715.5	24/7	1.036	86135	30AH	86136	12SH	26.4	5.5	3
CMPDE-1051HT	Starling ACSS	715.5	26/7	1.051	86120	30AH	86121	14SH	26.4	5.5	3
CMPDE-1055HT	Macaw ACSS	795	42/7	1.055	86140	30AH	86141	10SH	26.4	5.2	2
CMPDE-1063HT	Tern ACSS	795	45/7	1.063	86145	30AH	86146	10SH	26.4	5.2	2
CMPDE-1081HT	Redwing ACSS	715.5	30/19	1.081	86150	30AH	86151	16SH	26.4	5.5	3
CMPDE-1092HT	Condor ACSS	795	54/7	1.092	86155	30AH	86156	12SH	26.4	5.5	3
	Cuckoo ACSS	795	24/7	1.092	86155	30AH	86156	12SH	26.4	5.5	3
CMPDE-1108HT	Drake ACSS	795	26/7	1.108	86165	30AH	86166	14SH	26.4	5.5	3
CMPDE-1131HT	Ruddy ACSS	900	45/7	1.131	86170	30AH	86171	10SH	26.4	5.2	2
CMPDE-1140HT	Mallard ACSS	795	30/19	1.140	86175	30AH	86176	16SH	26.4	5.5	3
CMPDE-1162HT	Canary ACSS	900	54/7	1.162	86180	30AH	86181	14SH	26.4	5.5	3
CMPDE-1165HT	Rail ACSS	954	45/7	1.165	86185	30AH	86186	10SH	26.4	5.5	3
	Corncake ACSS	954	20/7	1.165	86185	30AH	86186	10SH	26.4	5.5	3

ACSS Conductors

Dead End Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Steel Eye Part No.	Steel Die Size	Dimensions		DE Eye Class
	Code Word	Area kcmil	Al/St	Dia in					Al. Tube Length in	DE Eye Length in	
CMPDE-701HT	Woodcock ACSS	336.4	22/7	0.701	86000	20AH	86001	76SH	21.5	5.2	2
CMPDE-720HT	Linnet ACSS	336.4	26/7	0.720	86005	20AH	86006	10SH	21.5	5.2	2
CMPDE-741HT	Oriole ACSS	336.4	30/7	0.741	86010	20AH	86011	10SH	21.5	5.2	2
CMPDE-752HT	Ptarmigan ACSS	397.5	20/7	0.752	86015	20AH	86016	10SH	22	5.2	2
CMPDE-772HT	Brant ACSS	397.5	24/7	0.772	86020	20AH	86021	10SH	22	5.2	2
CMPDE-783HT	Ibis ACSS	397.5	26/7	0.783	86025	20AH	86026	10SH	22	5.2	2
CMPDE-806HT	Lark ACSS	397.5	30/7	0.806	86030	20AH	86031	12SH	2.7	5.2	2
CMPDE-824HT	Tailorbird ACSS	477	20/7	0.824	86035	20AH	86036	10SH	22.2	5.2	2
CMPDE-846HT	Flicker ACSS	477	24/7	0.846	86040	24AH	86041	10SH	22.2	5.2	2
CMPDE-858HT	Hawk ACSS	477	26/7	0.858	86045	24AH	86046	12SH	22.2	5.2	2
CMPDE-883HT	Hen ACSS	477	30/7	0.883	86050	24AH	86051	12SH	22.2	5.2	2
CMPDE-901HT	Sapsucker ACSS	556.5	22/7	0.901	86055	24AH	86056	10SH	22.2	5.2	2
CMPDE-914HT	Parakeet ACSS	556.5	24/7	0.914	86060	24AH	86061	10SH	25	5.2	2
CMPDE-927HT	Dove ACSS	556.5	26/7	0.927	86065	27AH	86066	12SH	25	5.2	2
CMPDE-953HT	Eagle ACSS	556.5	30/7	0.953	86070	27AH	86071	14SH	25	5.5	3
CMPDE-963HT	Goldfinch ACSS	636	22/7	0.963	86080	27AH	86081	10SH	25	5.2	2
CMPDE-966HT	Squab ACSS	605	26/7	0.966	86085	27AH	86086	12SH	25	5.2	2
CMPDE-977HT	Rook ACSS	636	24/7	0.977	86105	27AH	86106	12SH	26.4	5.2	2
CMPDE-991HT	Grosbeak ACSS	636	26/7	0.991	86090	27AH	86091	12SH	26.4	5.5	3
CMPDE-994HT	Wood Duck ACSS	605	30/7	0.994	86095	27AH	86096	14SH	26.4	5.5	3
	Teal ACSS	605	30/19	0.994	86095	27AH	86096	14SH	26.4	5.5	3
CMPDE-1000HT	Flamingo ACSS	666.6	24/7	1.000	86110	27AH	86111	12SH	26.4	5.2	2
CMPDE-1014HT	Gannet ACSS	666.6	26/7	1.014	86115	27AH	86116	14SH	26.4	5.5	3
CMPDE-1019HT	Scoter ACSS	636	30/7	1.019	86125	27AH	86126	14SH	26.4	5.5	3
	Egret ACSS	636	30/19	1.019	86125	27AH	86126	14SH	26.4	5.5	3
CMPDE-1036HT	Stilt ACSS	715.5	24/7	1.036	86135	30AH	86136	12SH	26.4	5.5	3
CMPDE-1051HT	Starling ACSS	715.5	26/7	1.051	86120	30AH	86121	14SH	26.4	5.5	3
CMPDE-1055HT	Macaw ACSS	795	42/7	1.055	86140	30AH	86141	10SH	26.4	5.2	2
CMPDE-1063HT	Tern ACSS	795	45/7	1.063	86145	30AH	86146	10SH	26.4	5.2	2
CMPDE-1081HT	Redwing ACSS	715.5	30/19	1.081	86150	30AH	86151	16SH	26.4	5.5	3
CMPDE-1092HT	Condor ACSS	795	54/7	1.092	86155	30AH	86156	12SH	26.4	5.5	3
	Cuckoo ACSS	795	24/7	1.092	86155	30AH	86156	12SH	26.4	5.5	3
CMPDE-1108HT	Drake ACSS	795	26/7	1.108	86165	30AH	86166	14SH	26.4	5.5	3
CMPDE-1131HT	Ruddy ACSS	900	45/7	1.131	86170	30AH	86171	10SH	26.4	5.2	2
CMPDE-1140HT	Mallard ACSS	795	30/19	1.140	86175	30AH	86176	16SH	26.4	5.5	3
CMPDE-1162HT	Canary ACSS	900	54/7	1.162	86180	30AH	86181	14SH	26.4	5.5	3
CMPDE-1165HT	Rail ACSS	954	45/7	1.165	86185	30AH	86186	10SH	26.4	5.5	3
	Corncake ACSS	954	20/7	1.165	86185	30AH	86186	10SH	26.4	5.5	3

ACSS/TW Conductors

Dead End Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Steel Eye Part No.	Steel Die Size	Dimensions		DE Eye Class
	Code Word	Area kcmil	Al/St	Dia in					Al. Tube Length in	DE Eye Length in	
CMPDE-993TWHT	Condor ACSS/TW	795	20/7	0.993	86395	30AH	86396	12SH	25	5.5	3
CMPDE-1010TWHT	Drake ACSS/TW	795	20/7	1.010	86400	30AH	86401	14SH	25	5.5	3
CMPDE-1044TWHT	Phoenix ACSS/TW	954	30/7	1.044	86410	30AH	86411	12SH	26.4	5.2	2
CMPDE-1055TWHT	Canary ACSS/TW	900	20/7	1.055	86405	30AH	86406	14SH	26.4	5.5	3
CMPDE-1060TWHT	Kettle ACSS/TW	957.2	32/7	1.060	86480	30AH	86481	12SH	26.4	5.2	2
CMPDE-1061TWHT	Rail ACSS/TW	954	32/7	1.061	86415	30AH	86416	10SH	26.4	5.5	3
CMPDE-1077TWHT	Fraser ACSS/TW	946.7	35/7	1.077	86485	30AH	86486	12SH	26.4	5.2	2
CMPDE-1084TWHT	Cardinal ACSS/TW	954	20/7	1.084	86420	30AH	86421	14SH	26.4	5.5	3
CMPDE-1089TWHT	Snowbird ACSS/TW	1033.5	30/7	1.089	86425	34AH	86426	12SH	26.4	5.5	3
CMPDE-1092TWHT	Columbia ACSS/TW	966.2	21/7	1.092	86490	30AH	86491	14SH	26.4	5.5	3
CMPDE-1102TWHT	Ortolan ACSS/TW	1033.5	32/7	1.102	86430	34AH	86431	12SH	26.4	5.5	3
CMPDE-1108TWHT	Suwannee ACSS/TW	959.6	22/7	1.108	86495	30AH	86496	14SH	26.4	5.7	4
CMPDE-1129TWHT	Curlew ACSS/TW	1033.5	22/7	1.129	86435	34AH	86436	14SH	27.8	5.5	3
CMPDE-1143TWHT	Bluejay ACSS/TW	1113	33/7	1.143	86555	34AH	86556	12SH	27.8	5.5	3
CMPDE-1155TWHT	Cheyenne ACSS/TW	1168.1	30/7	1.155	86500	34AH	86501	12SH	27.8	5.2	2
CMPDE-1165TWHT	Genessee ACSS/TW	1158	33/7	1.165	86505	34AH	86506	12SH	27.8	5.2	2
CMPDE-1167TWHT	Oxbird ACSS/TW	1192.5	30/7	1.167	86565	34AH	86566	12SH	27.8	5.2	2
CMPDE-1181TWHT	Bunting ACSS/TW	1192.5	33/7	1.181	86570	34AH	86571	12SH	27.8	5.5	3
CMPDE-1185TWHT	Finch ACSS/TW	1113	38/19	1.185	86560	34AH	86561	14SH	27.8	5.5	3
CMPDE-1196TWHT	Hudson ACSS/TW	1158.4	25/7	1.196	86510	34AH	86511	14SH	27.8	5.5	3
CMPDE-1203TWHT	Catawba ACSS/TW	1272	30/7	1.203	86515	36AH	86516	12SH	27.8	5.2	2
CMPDE-1213TWHT	Nelson ACSS/TW	1257.1	35/7	1.213	86585	34AH	86586	12SH	27.8	5.2	2
CMPDE-1220TWHT	Blittern ACSS/TW	1272	35/7	1.220	86575	36AH	86576	12SH	27.8	5.5	3
CMPDE-1225TWHT	Grackle ACSS/TW	1192.5	38/19	1.225	86525	36AH	86526	14SH	27.8	5.7	4
CMPDE-1245TWHT	Yukon ACSS/TW	1233.6	38/19	1.245	86530	34AH	86531	14SH	27.8	5.5	3
CMPDE-1248TWHT	Truckee ACSS/TW	1372.5	30/7	1.248	86595	34AH	86596	12SH	28.1	5.2	2
CMPDE-1256TWHT	Dipper ACSS/TW	1351.5	35/7	1.256	86535	36AH	86536	12SH	28.1	5.5	3
CMPDE-1259TWHT	Mackenzie ACSS/TW	1359.7	36/7	1.259	86590	36AH	86591	12SH	28.1	5.2	2
CMPDE-1264TWHT	Pheasant ACSS/TW	1272	39/19	1.264	86540	36AH	86541	16SH	28.1	5.7	4
CMPDE-1290TWHT	Thames ACSS/TW	1334.6	39/19	1.290	86605	36AH	86606	14SH	28.1	5.5	3
CMPDE-1291TWHT	Bobolink ACSS/TW	1431	36/7	1.291	86545	38AH	86546	12SH	28.1	5.5	3
CMPDE-1292TWHT	St. Croix ACSS/TW	1467.8	33/7	1.292	86600	38AH	86601	12SH	28.1	5.2	2
CMPDE-1300TWHT	Martin ACSS/TW	1351.5	39/19	1.300	86550	38AH	86551	16SH	28.1	5.7	4
CMPDE-1302TWHT	Miramichi ACSS/TW	1455.3	36/7	1.302	86640	38AH	86641	14SH	28.9	5.5	3
CMPDE-1334TWHT	Platte ACSS/TW	1569	33/7	1.334	86610	38AH	86611	12SH	28.9	5.2	2
CMPDE-1337TWHT	Plover ACSS/TW	1431	39/19	1.337	86635	38AH	86636	16SH	28.9	5.7	4
CMPDE-1340TWHT	Merrimak ACSS/TW	1433.6	39/19	1.340	86645	38AH	86646	16SH	28.9	5.5	3
CMPDE-1345TWHT	Potomac ACSS/TW	1557.4	36/7	1.345	86615	38AH	86616	14SH	28.9	5.5	3
CMPDE-1358TWHT	Lapwing ACSS/TW	1590	36/7	1.358	86650	40AH	86651	12SH	28.9	5.7	4
CMPDE-1382TWHT	Rio Grande ACSS/TW	1533.3	39/19	1.382	86655	38AH	86656	16SH	28.9	5.7	4
CMPDE-1386TWHT	Schuykill ACSS/TW	1657.4	36/7	1.386	86635	40AH	86636	14SH	28.9	5.5	3
CMPDE-1408TWHT	Falcon ACSS/TW	1590	42/19	1.408	86660	40AH	86661	18SH	28.9	5.8	5
CMPDE-1424TWHT	Pecos ACSS/TW	1622	39/19	1.424	86665	40AH	86666	18SH	29.7	5.7	4
CMPDE-1427TWHT	Pee Dee ACSS/TW	1758.6	37/7	1.427	86625	40AH	86626	14SH	29.7	5.5	3
CMPDE-1445TWHT	Chuckar ACSS/TW	1780	37/19	1.445	86670	42AH	86671	14SH	29.7	5.8	5
CMPDE-1470TWHT	James ACSS/TW	1730.6	39/19	1.470	86675	40AH	86676	18SH	29.7	5.7	4
CMPDE-1504TWHT	Athabaska ACSS/TW	1949.6	42/7	1.504	86680	42AH	86681	14SH	30.9	5.5	3
CMPDE-1545TWHT	Cumberland ACSS/TW	1926.9	42/19	1.545	86685	42AH	86686	18SH	30.9	5.7	4
CMPDE-1602TWHT	Powder ACSS/TW	2153.8	64/19	1.602	86630	44AH	86631	14SH	30.9	5.7	4
CMPDE-1608TWHT	Bluebird ACSS/TW	2156	64/19	1.608	86690	44AH	86691	16SH	30.9	5.8	5
CMPDE-1762TWHT	Santee ACSS/TW	2627.3	64/19	1.762	86680	48AH	86681	16SH	32.3	5.7	4

Videos

[Installation Video](#)

