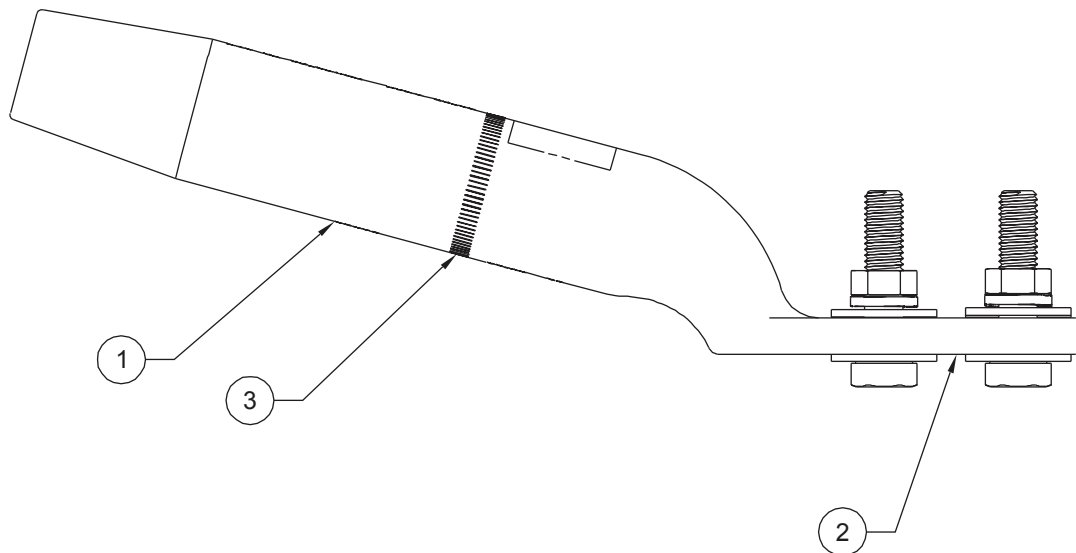


## Two Stage Compression Hardware Series for ACSR Conductors

### Compression Jumper Terminal – CMPTM



#### NOMENCLATURE

##### Jumpers:

- 1. Aluminum Jumper Body:** Aluminum body that is compressed around the OD of the conductor.
- 2. Terminal Pad:** Pad utilized for attachment to the dead end.
- 3. Knurl Marks:** Knurls placed on the OD of the aluminum and steel components to mark start and stop locations for compression.

#### GENERAL RECOMMENDATIONS

The compression jumpers are specially designed for applications on ACSR conductor only.

Compression of products can be completed with industry standard presses and dies.

#### GENERAL SPECIFICATIONS

**Holding Strength:** 40% minimum of the conductor rated breaking strength (RBS).

Designs allow for continuous conductor operating temperatures up to 125°C (150°C two hour emergency).

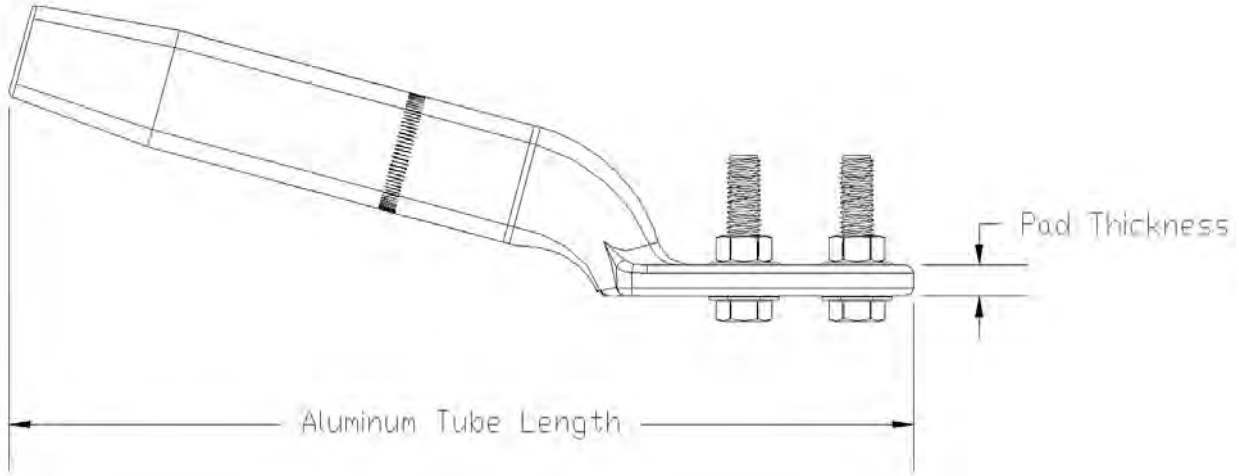
Jumper pad is constructed with a 15° angle which allows for the terminal connection of jumper and dead to be bolted together in a 0° or 30° configuration.

**Includes:** Jumper body and hardware packages which includes galvanized hardware (4 nuts, 4 bolts, 4 lock washers and 8 flat washers).



# Two Stage Compression Hardware Series for ACSR Conductors

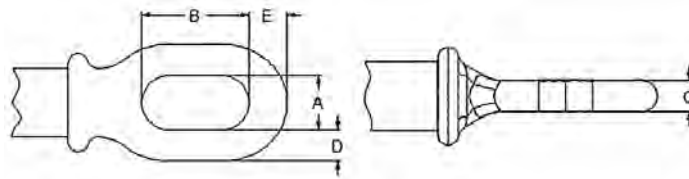
## Compression Jumper Terminal – CMPTM



Terminal Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Dimensions		Wgt lbs	Pad Cfg.	Pad Class
	Code Word	Area kcmil	Al/St	Dia. in			Al. Tube Length in	Pad Thickness in			
CMPTM-1063	Tern	795	45/7	1.063	74195	30AH	14.3	0.5	2.5	4	G
CMPTM-1081	Redwing	715.5	30/19	1.081	74196	30AH	14.3	0.5	2.5	4	G
CMPTM-1092	Cuckoo/Condor	795	24/7,54/7	1.092	74197	30AH	14.3	0.5	2.5	4	G
CMPTM-1108	Drake	795	26/7	1.108	64893	30AH	14.3	0.5	2.5	4	G
CMPTM-1131	Ruddy	900	45/7	1.131	74198	30AH	15.1	0.5	2.6	4	H
CMPTM-1140	Skimmer/Mallard	795	30/7,30/19	1.140	74199	30AH	15.1	0.5	2.6	4	H
CMPTM-1162	Canary	900	54/7	1.162	74200	30AH	15.1	0.5	2.7	4	H
CMPTM-1165	Corncrake/Rail	954	20/7,45/7	1.165	74201	30AH	15.1	0.5	2.7	4	H
CMPTM-1196	Redbird/Cardinal	954	24/7,54/7	1.196	74202	30AH	15.3	0.5	2.7	4	H
CMPTM-1203	Snowbird	1033.5	42/7	1.203	74203	30AH	15.3	0.5	2.7	4	H
CMPTM-1212	Ortolan	1033.5	45/7	1.212	74204	34AH	15.7	0.6	3.7	4	J
CMPTM-1245	Curlew	1033.5	54/7	1.245	74205	34AH	16.0	0.6	3.8	4	J
CMPTM-1248	Canvasback	954	30/19	1.248	74206	34AH	16.0	0.6	3.8	4	J
CMPTM-1259	Bluejay	1113	45/7	1.259	74207	34AH	16.0	0.6	3.8	4	J
CMPTM-1293	Finch	1113	54/19	1.293	74208	34AH	16.1	0.6	3.6	4	J
CMPTM-1302	Bunting	1192.5	45/7	1.302	74209	34AH	16.1	0.6	3.6	4	J
CMPTM-1338	Grackle	1192.5	54/19	1.338	74210	36AH	16.5	0.6	4.2	4	K
CMPTM-1345	Bittern	1272	45/7	1.345	74211	36AH	16.5	0.6	4.2	4	K
CMPTM-1504	Lapwing	1590	45/7	1.504	74218	40AH	16.7	0.7	4.8	4	M
CMPTM-1505	Parrot	1510	54/19	1.505	74219	40AH	16.7	0.7	4.8	4	M
CMPTM-1545	Falcon	1590	54/19	1.545	74220	40AH	16.9	0.7	4.9	4	N
CMPTM-1602	Chukar	1780	84/19	1.602	74221	42AH	17.0	0.8	5.6	4	P

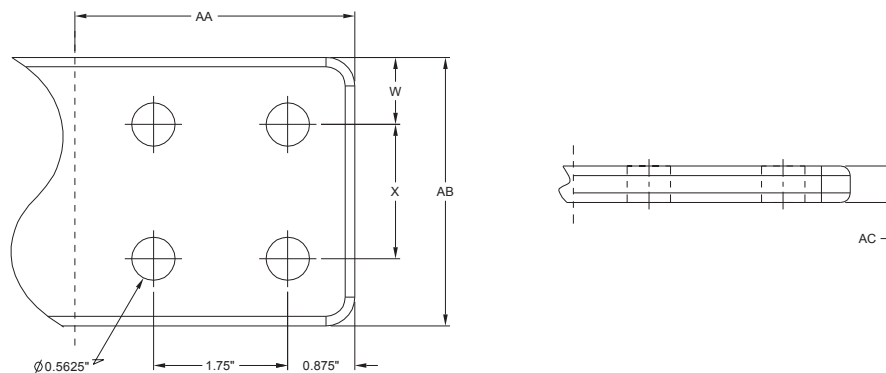
# Steel Eye Dimensions and PAD Dimensions

## Steel Dead-end Eye Classifications and Dimensions



Forging	A	B	C	D	E
Class 2	1.000	2.500	0.750	0.688	0.875
Class 3	1.375	2.750	0.813	0.813	1.000
Class 4	1.375	2.750	1.000	1.000	1.125
Class 5	1.375	2.75	1.125	1.125	1.313

## PAD Classifications and Dimensions



Pad	W	X	AA	AB Jumper	AC Jumper	AB Dead-End	AC Dead-End
Class F	0.69	NA	3.5	3.13	0.41	3.13	0.688
Class G	0.875	1.75	3.5	3.5	0.475	3.5	0.688
Class H	0.813	1.75	3.5	3.375	0.475	3.375	0.688
Class J	1	1.75	3.5	3.75	0.6	3.75	0.688
Class K	1.188	1.75	3.5	4.125	0.6	4.125	0.688
Class L	1.063	1.75	3.5	3.875	0.6	3.875	0.688
Class M	1.063	1.75	3.5	3.875	0.71	3.875	0.688
Class N	1.063	1.75	3.5	3.875	0.71	3.875	0.792
Class P	1.094	1.75	3.5	3.938	0.81	3.938	0.792
Class Q	1.125	1.75	3.5	4	0.81	4	0.792