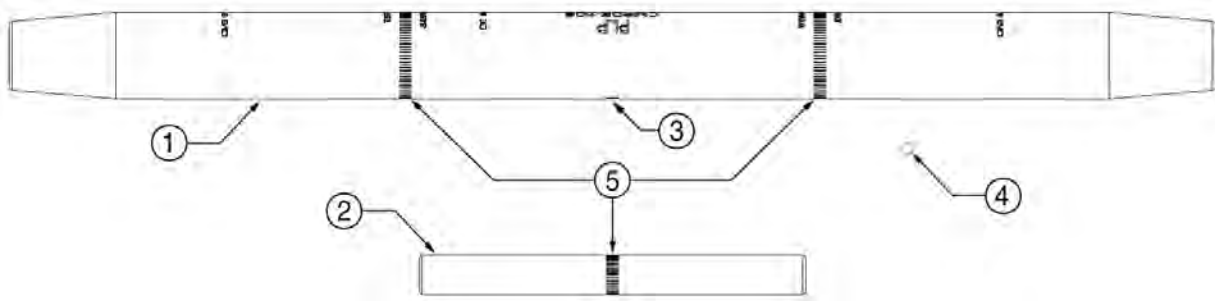


Two Stage Compression Hardware Series for ACSR Conductors

Compression Splice Assembly – CMPSP



Splice CMPSP

NOMENCLATURE

Splices:

1. **Aluminum Splice Body:** Aluminum component of splice assembly that is compressed around the OD of the conductor.
2. **Steel Splice Body:** Steel component of the splice assembly that is compressed around the OD of the steel core.
3. **Filler Hole:** Hole utilized to insert inhibitor compound into the compression assembly.
4. **Filler Plug:** Plug utilized to close off the filler hole after inhibitor compound has been inserted into the compression assembly.
5. **Knurl Marks:** Knurls placed on the OD of the aluminum and steel components to mark start and stop locations for compression.

GENERAL RECOMMENDATIONS

Compression splice assemblies 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.

GENERAL SPECIFICATIONS

Holding Strength: 95% or more of the conductor rated breaking strength (RBS) in accordance with ANSI C119.4 requirements for tensile strength.

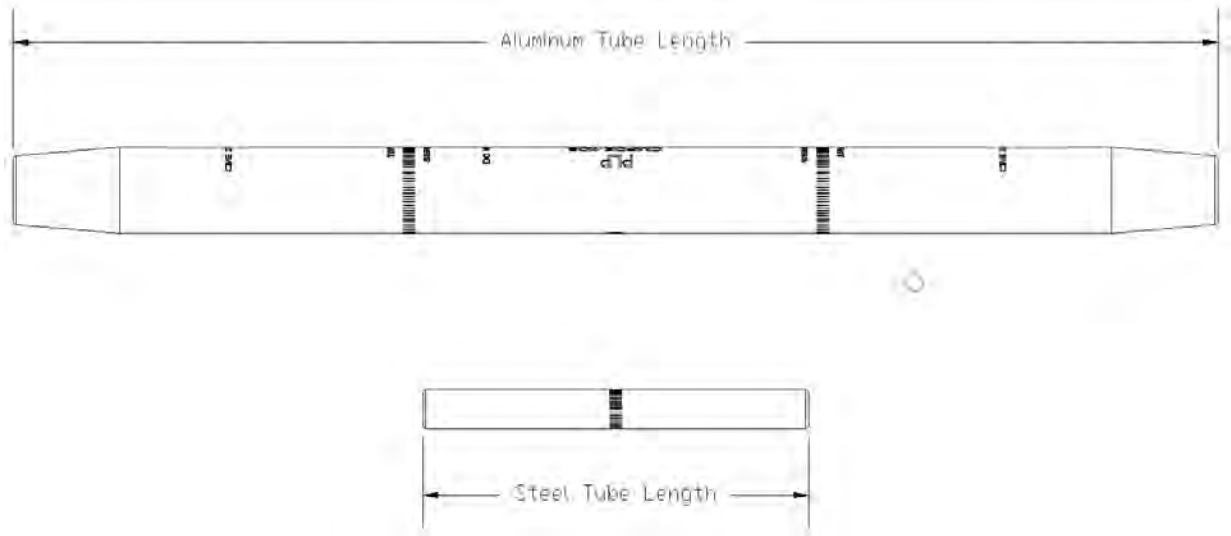
Designs allows for continuous conductor operating temperatures up to 125°C (150°C two hour emergency).

Includes: Aluminum splice body, steel splice body, and filler plug.



Two Stage Compression Hardware Series for ACSR Conductors

Compression Splice Assembly – CMPSP



Splice Assembly Catalog Number	Conductor Information				Al. Body Part No.	Al. Die Size	Steel Splice Part No.	Steel Die Size	Dimensions		Wgt lbs
	Code Word	Area kcmil	Al/St	Dia. in					Al. Tube Length in	Steel Tube Length in	
CMPSP-1063	Tern	795	45/7	1.063	74266	30AH	65595	12SH	27.9	8.5	5.1
CMPSP-1081	Redwing	715.5	30/19	1.081	74267	30AH	65762	12SH	27.9	8.5	5.1
CMPSP-1092	Cuckoo/ Condor	795	24/7,54/7	1.092	74268	30AH	65763	12SH	26.1	8.5	4.8
CMPSP-1108	Drake	795	26/7	1.108	64894	30AH	65542	12SH	26.1	8.5	4.8
CMPSP-1131	Ruddy	900	45/7	1.131	74269	30AH	65765	12SH	28.7	8.5	5.1
CMPSP-1140	Skimmer/ Mallard	795	30/7,30/19	1.140	74270	30AH	65766	12SH	28.7	8.5	5.1
CMPSP-1162	Canary	900	54/7	1.162	74271	30AH	65768	12SH	26.9	8.5	4.9
CMPSP-1165	Corncrake/Rail	954	20/7,45/7	1.165	74272	30AH	65769	12SH	26.9	8.5	4.8
CMPSP-1196	Redbird/ Cardinal	954	24/7,54/7	1.196	74274	30AH	65770	12SH	27.5	8.5	4.9
CMPSP-1203	Snowbird	1033.5	42/7	1.203	74275	30AH	65771	12SH	27.5	8.5	4.9
CMPSP-1212	Ortolan	1033.5	45/7	1.212	74276	34AH	65703	14SH	27.7	8.5	6.9
CMPSP-1245	Curlew	1033.5	54/7	1.245	74277	34AH	65772	14SH	30.3	8.5	7.4
CMPSP-1248	Canvasback	954	30/19	1.248	74278	34AH	65773	14SH	30.3	8.5	7.4
CMPSP-1259	Bluejay	1113	45/7	1.259	74279	34AH	65695	14SH	30.3	8.5	7.3
CMPSP-1293	Finch	1113	54/19	1.293	74280	34AH	65774	14SH	30.9	8.5	7.2
CMPSP-1302	Bunting	1192.5	45/7	1.302	74281	34AH	65693	14SH	30.9	8.5	7.2
CMPSP-1338	Grackle	1192.5	54/19	1.338	74282	36AH	65775	14SH	31.5	8.5	8.1
CMPSP-1345	Bittern	1272	45/7	1.345	74283	36AH	65687	14SH	31.5	8.5	8.1
CMPSP-1504	Lapwing	1590	45/7	1.504	74290	40AH	65683	16SH	33.9	10.3	10.6
CMPSP-1505	Parrot	1510	54/19	1.505	74291	40AH	65782	16SH	33.9	10.3	10.6
CMPSP-1545	Falcon	1590	54/19	1.545	74292	40AH	65675	16SH	45.3	10.3	13.2
CMPSP-1602	Chukar	1780	84/19	1.602	74293	42AH	65539	16SH	45.3	10.3	15.0