WEJTAP™ System for Overhead Distribution & Transmission

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WEJTAP™ Connection System General Overview

WEJTAP™ Connection System

The WEJTAP™ System adds further dimension to the existing group of proven, reliable connection systems BURNDY has manufactured for over 70 years.

WEJTAP™ Components

WEJTAP™ Components are designed to provide a reliable system connection. The system consists of WEJTAP™ connectors, installation tooling (including a variety of hotline and lineman accessories) and a unique power booster.

WEJTAP™ Connectors

WEJTAP™ Connectors use an aluminum alloy wedge that is power-driven between the run and the tap cables locking them into a "C" shaped tempered aluminum alloy spring body. The spring body maintains consistent pressure throughout the life of the connection to ensure reliability during severe electrical and climatic conditions. The wedge's wiping action, combined wtih factory installed PENTX 1530, provides superior contact integrity. The wedge is automatically locked onto the spring body by a skiving action produced by a lance at the forward end of the WEJTAP™ installation tool.

WEJTAP™ Installation Tooling

The WEJTAP™ Installation Tool is a one-piece assembly that consists of a head and power unit. Two color-coded interchangeable heads accept all WEJTAP™ connectors and STIRRUP™. The design of the tool recognizes the need for simplicyt and speed of operation as well as outstanding safety features, such as automatic gas release being vented away from the operator, fast simple breech loading, and fast advance when engaging the connector assembly. No loose parts to drop or misplace along with a booster ejector system that provides further safety to the operator. Fewer, simplified, hotline devices and handy lineman accessories complete the outstanding WEJTAP™ tooling package.

WEJTAP™ Power Booster

The WEJTAP™ Power Booster is a patented, self-contained device that provides the force necessary to drive the wedge into direct contact with the conductors. The booster is activated only when properly positioned in the tool assembly. A power cell in the booster is recessed to guard against premature discharge. The tool/booster system is designed to activate and deactivate the booster automatically should the operator decide to remove the tool from a connector prior to completing the installation. The deactivated booster may be safely removed from the tool.

Features and Benefits

- Large conductor chamfer on ends of wedge provide instant hand or visual identification of large run grooves; also ensure correct wedge orientation
- Color-coded WEJTAP™ connector and booster are packaged together for easy selection by the installer
- Factory inserted PENTX 1530 in grooves maintains low contact resistance, assists in protection against climatic conditions and is compatible with common insulations
- One piece installation tool, no project delays due to dropped or lost tool parts
- Fewer, and improved, hotstick accessories simplifies hotline installation and saves time
- Contained booster ejection system provides safety for the operator against the booster being ejected in the direction of the installer
- Automatic gas release vents away from the operator and eliminates manual gas venting improving safety
- Simplified loading speeds installation; no threading, just depress safety bar, twist and pull open; load by pushing and twisting prior to applying connector
- Features Acme-type threads providing smooth, fast engagement of tool and connector saving installation time

WEJTAP™ Test Data

WEJTAP™ System; Test Data

The WEJTAP™ connectors have been subjected to extensive tests simulating the most severe service and weather conditions. In addition, the WEJTAP™ System meets or exceeds the industry standards of ANSI C119.4 Class 3, NEMA CC3 1973 Class AA, 500 Heat Cycles.

As with all BURNDY® connectors, the WEJTAP™ connectors have been designed to operate cooler than the attached conductors. The WEJTAP™ connectors have also been subjected to the ASTM B117-73 Salt Spray Test.

WEJTAP™ Information

WEJTAP™ C-member bodies are color-coded and marked with nominal conductor run and tap ranges. WEJTAP™ connector packages are labeled with a variety of common conductors with their nominal ranges.

WEJTAP™ connector wedges are marked with nominal ACSR, Aluminum, and Copper concentric standard conductors:

- Red WEJTAP™ connector range is Run: #8-1/0; Tap: #8-2
- Blue WEJTAP™ connector range is Run: #2-300 kcmil; Tap: #6-300 kcmil
- Yellow WEJTAP™ connector range is Run: 266.8-1590 kcmil; Tap: #6-1590 kcmil

All WEJTAP™ wedges contain a clearly defined chamfer ont he large end of the run conductor groove to identify the “large run” groove. Installers will appreciate the convenience of visual or hand identification for correct wedge positioning.

WEJTAP™ wedges are driven between the run and tap conductors and activate the spring characteristics of the “C” shaped body. This action maintains contact pressure even when the connection is subjected to severe climatic and electrical conditions.

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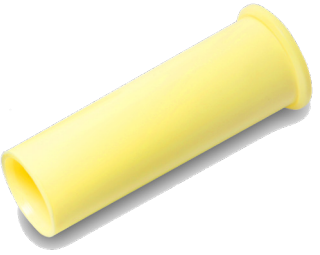
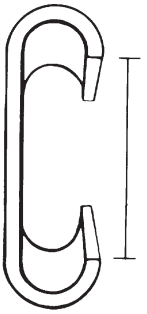
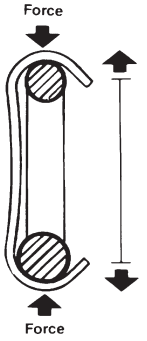
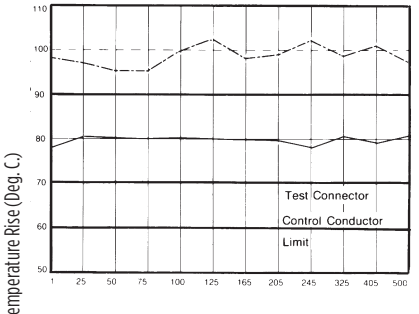




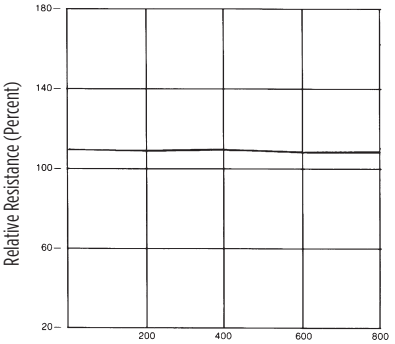


ANSI C119.4 - 1986 Heat Cycle Test
Average Temperature Rise vs. Current Cycles



Detailed test report packages are available upon request.

ASTM Salt Spray Test
Average % Relative Resistance vs. Hours of Salt Spray Exposure



WEJTAP™ Connection System Ordering Information; WEJTAP™ Covers

WEJTAP™ Connection System

The BURNDY® WEJTAP™ Connection System has a wide variety of connectors available for many different conductor ranges.

Color coded boosters and connectors ensure proper matching during installation.

The BURNDY® Power Booster is designed and engineered for the highest reliability and safety. Proven rimfire design means misfires are almost nonexistent. Close manufacturing component tolerances provide maximum resistance to moisture or submersion.

WEJTAP™ Ordering Information

Power boosters may be ordered separately in boxes of 25.

- Red Boosters: WPBRNBOX25
- Blue Boosters: WPBBNBOX25
- Yellow Boosters: WPBYNBOX25

Select appropriate connector, match with equal number of color coded boosters.

For information about conductors which are not listed, or further information, contact BURNDY® Customer Service at 1-800-346-4175.

WEJTAP™ Cover

BURNDY® WEJTAP™ Covers are installed on WEJTAP™ connectors to prevent them from coming in contact with other taps or exposed ground points. The covers are rugged snap-on devices available in four sizes to cover all connector sizes.

Cover Catalog Number	WEJTAPTM Size	Nominal Conductor Range Run	Nominal Conductor Range Tap	Cover Color
WCCR	Small Old Style Red	8-1/0	8-2	Black Weather Rated
WCCB	Red & Blue	2-300	6-300	
WCCSY	Small (Yellow)	300-556.50	6-556.50	
WCCLY	Large (Yellow)	556.50-1033.50	556.5-1033.50	

WEJTAP™ Selection Chart By Diameter

WEJTAP™ Selection Chart By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with red booster						
WCR29	0.723	0.584	0.398	0.257	0.398	0.257
WCR30	0.649	0.516	0.398	0.257	0.325	0.206
WCR31	0.602	0.464	0.398	0.257	0.258	0.162
WCR32	0.530	0.410	0.326	0.204	0.258	0.162
WCR33	0.459	0.331	0.258	0.169	0.230	0.162
WCR34	0.324	0.256	0.162	0.128	0.162	0.128
WCR35	0.560	0.452	0.398	0.257	0.162	0.128
WCR36	0.487	0.387	0.398	0.257	0.162	0.128
WCR37	0.416	0.297	0.258	0.169	0.162	0.128
Installed with blue booster						
WCB10	0.795	0.621	0.482	0.316	0.437	0.257
WCB11	0.901	0.763	0.568	0.364	0.457	0.257
WCB12	0.707	0.526	0.568	0.364	0.204	0.162
WCB13	0.761	0.600	0.568	0.364	0.258	0.204
WCB14	0.839	0.690	0.568	0.364	0.398	0.257
WCB15	0.769	0.622	0.568	0.364	0.204	0.162
WCB16	0.823	0.664	0.568	0.364	0.258	0.204
WCB17	0.963	0.804	0.568	0.364	0.464	0.257
WCB18	1.011	0.867	0.568	0.364	0.572	0.364
WCB19	1.068	0.938	0.568	0.364	0.572	0.379
WCB20	1.130	0.975	0.568	0.364	0.572	0.386
WCB21	0.846	0.711	0.650	0.532	0.204	0.162
WCB22	0.900	0.765	0.650	0.532	0.258	0.204
WCB23	0.972	0.818	0.650	0.532	0.330	0.257
WCB24	1.052	0.897	0.650	0.532	0.500	0.324
WCB25	1.104	0.963	0.650	0.532	0.562	0.364
WCB26	1.163	1.015	0.650	0.532	0.562	0.409
WCB27	1.221	1.080	0.650	0.532	0.575	0.460
WCB28	1.284	1.141	0.650	0.532	0.650	0.525
WCB40	0.888	0.762	0.684	0.603	0.204	0.162
WCB41	0.942	0.794	0.684	0.600	0.258	0.204
WCB42	1.011	0.857	0.684	0.600	0.333	0.257
WCB43	1.094	0.936	0.684	0.600	0.500	0.324
WCB44	1.146	1.009	0.684	0.600	0.562	0.364
WCB45	1.204	1.057	0.684	0.600	0.562	0.409
WCB46	1.284	1.119	0.684	0.600	0.592	0.460
WCB47	1.368	1.188	0.684	0.600	0.684	0.600

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with yellow booster						
WCY48	0.932	0.765	0.750	0.537	0.204	0.162
WCY49	1.012	0.807	0.750	0.537	0.271	0.203
WCY50	1.069	0.860	0.750	0.537	0.355	0.257
WCY51	1.141	0.927	0.750	0.537	0.557	0.324
WCY52	1.190	1.001	0.750	0.537	0.588	0.364
WCY53	1.236	1.012	0.750	0.537	0.619	0.409
WCY54	1.302	1.063	0.750	0.537	0.630	0.46
WCY55	1.370	1.140	0.750	0.537	0.714	0.499
WCY56	1.456	1.245	0.750	0.537	0.750	0.524
WCY57	1.190	0.979	0.893	0.666	0.326	0.257
WCY58	1.087	0.931	0.893	0.666	0.258	0.198
WCY59	1.061	0.891	0.893	0.666	0.199	0.162
WCY60	1.854	1.686	0.950	0.722	0.950	0.722
WCY61	1.741	1.524	0.940	0.683	0.940	0.666
WCY62	1.594	1.379	0.940	0.683	0.750	0.573
WCY63	1.500	1.297	0.940	0.683	0.750	0.481
WCY64	1.421	1.216	0.940	0.683	0.650	0.436
WCY65	1.360	1.147	0.940	0.683	0.562	0.382
WCY66	1.305	1.097	0.940	0.683	0.562	0.336
WCY67	1.270	1.054	0.940	0.683	0.450	0.315
WCY68	1.253	1.115	0.940	0.683	0.326	0.257
WCY69	1.187	1.059	0.940	0.683	0.262	0.204
WCY70	1.130	1.013	0.940	0.683	0.204	0.162
WCY71	2.216	2.074	1.133	0.907	1.156	0.947
WCY72	2.133	1.999	1.133	0.907	1.142	0.927
WCY73	2.098	1.946	1.133	0.907	1.142	0.907
WCY74	2.035	1.891	1.133	0.907	1.142	0.858
WCY75	1.969	1.822	1.133	0.889	0.927	0.763
WCY76	1.901	1.741	1.133	0.889	0.900	0.700
WCY77	1.829	1.677	1.133	0.889	0.750	0.575
WCY78	1.750	1.599	1.133	0.889	0.729	0.525
WCY79	1.670	1.526	1.133	0.889	0.722	0.364
WCY80	1.610	1.466	1.133	0.889	0.608	0.364
WCY81	1.555	1.411	1.133	0.889	0.608	0.364
WCY82	1.506	1.362	1.133	0.889	0.436	0.324
WCY83	1.440	1.288	1.133	0.889	0.398	0.257
WCY84	1.369	1.221	1.133	0.889	0.333	0.203
WCY85	1.306	1.158	1.133	0.889	0.258	0.162
WCY86	2.496	2.332	1.250	0.893	1.250	1.000
WCY87	2.418	2.251	1.250	0.893	1.250	0.856
WCY88	2.354	2.194	1.250	0.893	1.211	0.971

WEJTAP™ Selection Chart By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with yellow booster						
WCY89	2.297	2.137	1.250	0.893	1.200	0.923
WCY90	2.238	2.083	1.250	0.893	1.159	0.868
WCY91	2.173	2.013	1.250	0.893	1.130	0.856
WCY92	2.104	1.950	1.250	0.893	0.904	0.720
WCY93	2.029	1.869	1.250	0.893	0.900	0.700
WCY94	1.967	1.831	1.250	0.893	0.750	0.588
WCY95	1.888	1.728	1.250	0.893	0.722	0.525
WCY96	1.811	1.648	1.250	0.893	0.609	0.364
WCY97	1.748	1.591	1.250	0.893	0.598	0.385
WCY98	1.695	1.533	1.250	0.893	0.598	0.364
WCY99	1.644	1.489	1.250	0.893	0.398	0.324
WCY100	1.572	1.400	1.250	0.893	0.351	0.257
WCY101	1.503	1.343	1.250	0.893	0.261	0.204
WCY102	1.454	1.284	1.250	0.893	0.198	0.162
WCY103	2.604	2.484	1.302	1.242	1.302	1.242
WCY104	2.567	2.407	1.302	1.242	1.265	1.165
WCY105	2.489	2.329	1.302	1.242	1.187	1.087
WCY106	2.418	2.258	1.302	1.242	1.116	1.016
WCY107	2.373	2.213	1.302	1.242	1.071	0.971
WCY108	2.318	2.158	1.302	1.242	1.016	0.916
WCY109	2.255	2.095	1.302	1.242	0.953	0.853
WCY110	2.179	2.019	1.302	1.242	0.877	0.777
WCY111	2.102	1.942	1.302	1.242	0.800	0.700
WCY112	2.044	1.884	1.302	1.242	0.742	0.642
WCY113	1.961	1.801	1.302	1.242	0.659	0.559
WCY114	1.940	1.740	1.350	1.242	0.590	0.498
WCY115	1.863	1.663	1.350	1.242	0.513	0.421
WCY116	1.812	1.612	1.350	1.242	0.462	0.370
WCY117	1.762	1.562	1.350	1.242	0.412	0.320
WCY118	1.703	1.503	1.350	1.242	0.353	0.261
WCY119	1.631	1.431	1.350	1.242	0.281	0.189
WCY120	1.580	1.380	1.350	1.242	0.230	0.138

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with yellow booster						
WCY121	2.844	2.642	1.422	1.314	1.422	1.328
WCY122	2.764	2.562	1.422	1.314	1.342	1.248
WCY123	2.680	2.479	1.422	1.314	1.258	1.164
WCY124	2.596	2.394	1.422	1.314	1.174	1.080
WCY125	2.535	2.333	1.422	1.314	1.113	1.019
WCY126	2.481	2.279	1.422	1.314	1.059	0.965
WCY127	2.426	2.224	1.422	1.314	1.004	0.910
WCY128	2.376	2.174	1.422	1.314	0.954	0.860
WCY129	2.286	2.084	1.422	1.314	0.864	0.770
WCY130	2.216	2.014	1.422	1.314	0.794	0.700
WCY131	2.152	1.950	1.422	1.314	0.730	0.636
WCY132	2.070	1.868	1.422	1.314	0.648	0.554
WCY133	1.990	1.786	1.422	1.314	0.568	0.472
WCY134	1.931	1.729	1.422	1.314	0.509	0.415
WCY135	1.876	1.674	1.422	1.314	0.454	0.360
WCY136	1.831	1.629	1.422	1.314	0.409	0.315
WCY137	1.771	1.569	1.422	1.314	0.349	0.255
WCY138	1.706	1.504	1.422	1.314	0.284	0.190
WCY139	1.664	1.462	1.422	1.314	0.242	0.148
WCY140	3.045	2.090	1.533	1.471	1.547	1.471
WCY145	2.596	2.534	1.533	1.032	1.094	1.032

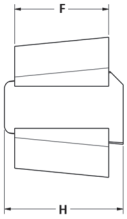
WEJTAP™ for Copper Connection System

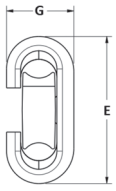
WEJTAP™ for Copper, Type WCB-C Connection System for Copper

The BURNDY® Copper WEJTAP™ powder actuated copper connectors are designed for overhead copper-to-copper tap applications.

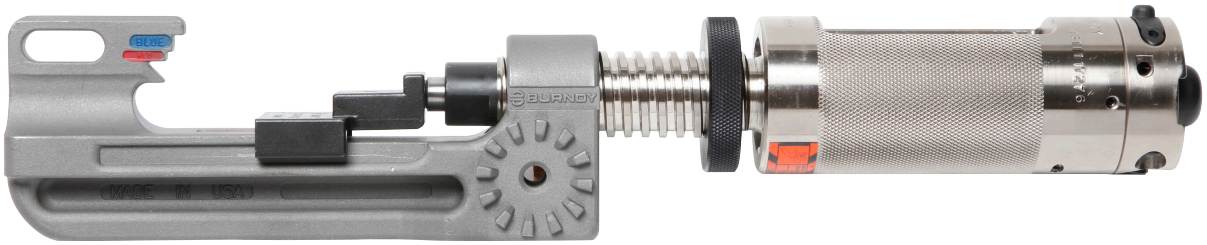
Features and Benefits

- Expanded range taking capabilities
- Larger size connector for #6 to #2 applications
- Uses standard WEJTAP™ installation tooling
- Meets latest ANSI C119.4 (2011) including optional fault current test annex
- Prefilled with PENETROX™ E to improve the performance over the life of the connection





Catalog Number	Copper Conductor Dia. Accommodated (in)			Dimensions				Tooling	Installation Booster Color	Fault Current Rating (KA)
	Run Range	Tap Range	Sum Range	E	F	G	H			
WCB4C4	0.162 - 0.258	0.162 - 0.232	0.324 - 0.464	2.40	1.63	1.02	2.05	WTHRB-1S	Blue	12.50
WCB2C2	0.258 - 0.368	0.162 - 0.292	0.452 - 0.600							
WCB10C2	0.292 - 0.376	0.162 - 0.292	0.524 - 0.665							
WCB20C2	0.300 - 0.430	0.162 - 0.292	0.576 - 0.734							
WCB20C20		0.300 - 0.414	0.710 - 0.844							25.00
WCB30C2	0.360 - 0.516	0.162 - 0.292	0.622 - 0.775							12.50
WCB40C2	0.375 - 0.538	0.162 - 0.292	0.680 - 0.822							
WCB40C20		0.330 - 0.464	0.814 - 0.952							25.00
WCB40C40		0.375 - 0.538	0.936 - 1.072							
WCB250C2	0.435 - 0.574	0.162 - 0.292	0.730 - 0.875							12.50
WCB250C20		0.293 - 0.430	0.875 - 1.033							25.00
WCB250C250		0.431 - 0.574	1.033 - 1.150							38.00



WEJTAP™ for Copper Run / Tap Ranges by Connector

BURNDY Catalog Number: WCB4C4

RUN	TAP
#6 CU SOL	#6 CU SOL
#6 CU STR	#6 CU SOL - #6 CU STR
#4 CU SOL	#6 CU SOL - #4 CU SOL
#4 CU STR	#4 CU STR - #6 CU SOL
#2 CU SOL	#6 CU SOL - #6 CU STR

BURNDY Catalog Number: WCB2C2

RUN	TAP
#2 CU SOL	#4 CU SOL - #2 CU SOL
#2 CU STR	#6 CU SOL - #2 CU STR
1/0 CU STR	#6 CU SOL - #4 CU STR

BURNDY Catalog Number: WCB10C2

RUN	TAP
#2 CU STR	#4 CCS* - #2 CU STR
1/0 CU SOL	#6 CU SOL - #2 CU STR
1/0 CU STR	#6 CU SOL - #2 CU STR

BURNDY Catalog Number: WCB20C2

RUN	TAP
1/0 CU STR	#2 CU SOL - #2 CU STR
2/0 CU STR	#6 CU SOL - #2 CU STR

BURNDY Catalog Number: WCB20C20

RUN	TAP
1/0 CU STR	1/0 CU STR
2/0 CU STR	1/0 CU STR - 2/0 CU STR

BURNDY Catalog Number: WCB30C2

RUN	TAP
4/0 CU SOL	#6 CU SOL - #2 CU STR

BURNDY Catalog Number: WCB40C2

RUN	TAP
4/0 CU STR	#6 CU SOL - #2 CU STR

BURNDY Catalog Number: WCB40C20

RUN	TAP
3/0 CU STR	1/0 CU STR - 3/0 CU STR
4/0 CU STR	1/0 CU STR - 2/0 CU STR

BURNDY Catalog Number: WCB40C40

RUN	TAP
4/0 CU STR	4/0 CU SOL - 4/0 CU STR

BURNDY Catalog Number: WCB250C2

RUN	TAP
250 CU STR	#6 CU SOL - #2 CU STR

BURNDY Catalog Number: WCB250C20

RUN	TAP
250 CU STR	1/0 CU STR - 2/0 CU STR

BURNDY Catalog Number: WCB250C250

RUN	TAP
250 CU STR	4/0 CU SOL - 250 CU STR

* Copper Clad Steel

WEJTAP™ STIRRUP™, Selection Chart By Diameter

WEJTAP™ STIRRUP™

Large Run Conductor position is identified on all wedges via a distinct chamfer.

QIK Selector - for common ACSR, Aluminum and Copper Conductors

Catalog Number	Nominal Cable Range	Bail Size
Small Red Cable Range 6-2		
WSS1 **WSS2**	6 5, 4, 2	2
Medium Blue Cable Range 1-300		
*** WSM1**	2, 1, 1/0, 2/0	2
WSM2	2/0, 3/0	2
WSM3 **WSM4**	3/0 - 4/0	2 2/0
WSM5 **WSM6**	266.8	2 1/0
WSM7	350	1/0
WSM11	266.8 - 336.4	4/0

** WSM1 now accepts #2 conductor*

Catalog Number	Nominal Cable Range	Bail Size
Large Yellow Cable Range 300-1033.5		
WSL1 **WSL2** **WSL3**	336.4	1/0 2/0 4/0
WSL4 **WSL5** **WSL6**	397.5 - 477	1/0 2/0 4/0
WSL7 **WSL8** **WSL9**	556.5	1/0 2/0 4/0
WSL10 **WSL11**	636	4/0 2/0
WSL12 **WSL13**	795	2/0 4/0
WSL14	1033.5	4/0

WEJTAP™ STIRRUP™ Selection Chart

By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Small sized stirrups						
WSS1	0.454	0.412	0.204	0.162	0.250	0.250
WSS2	0.575	0.456	0.325	0.206	0.250	0.250
Medium sized stirrups						
WSM1	0.697	0.575	0.447	0.325	0.250	0.250
WSM10	0.887	0.784	0.563	0.460	0.324	0.324
WSM2	0.752	0.615	0.502	0.365	0.250	0.250
WSM3	0.813	0.660	0.563	0.410	0.250	0.250
WSM4	0.938	0.835	0.563	0.460	0.375	0.375
WSM5	0.892	0.787	0.642	0.537	0.250	0.250
WSM6	0.968	0.861	0.642	0.537	0.324	0.324
WSM7	1.008	0.898	0.684	0.574	0.324	0.324
WSM8	0.934	0.824	0.684	0.574	0.250	0.250
WSM9	0.771	0.649	0.447	0.325	0.324	0.324

Catalog Number	Sum of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Large stirrups						
WSL1	1.050	0.927	0.726	0.603	0.324	0.324
WSL10	1.479	1.389	1.019	0.929	0.460	0.460
WSL11	1.394	1.304	1.019	0.929	0.375	0.375
WSL12	1.515	1.399	1.140	1.024	0.375	0.375
WSL13	1.600	1.484	1.140	1.024	0.460	0.460
WSL14	1.708	1.606	1.248	1.146	0.460	0.460
WSL2	1.101	0.978	0.726	0.603	0.375	0.375
WSL3	1.186	1.063	0.726	0.603	0.460	0.460
WSL4	1.186	1.046	0.862	0.722	0.324	0.324
WSL5	1.237	1.097	0.862	0.722	0.375	0.375
WSL6	1.322	1.182	0.862	0.722	0.460	0.460
WSL7	1.251	1.170	0.927	0.846	0.324	0.324
WSL8	1.302	1.221	0.927	0.846	0.375	0.375
WSL9	1.387	1.306	0.927	0.846	0.460	0.460

WEJTAP™ Installation Tooling and Accessories

Type WTB

The WEJTAP™ patented tool body is a one-piece assembly basic drive mechanism used to install WEJTAP™ and STIRRUP™ connectors ranging from #8 AWG through 1590 kcmil ACSR.

Type WTHRB1S

WEJTAP™ tool head operating platform for small and medium range (red/blue coded) connectors.

Type WTHY1S

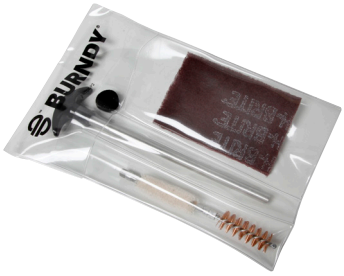
WEJTAP™ tool head operating platform for medium and large range (yellow coded) connectors.

Type WTOCY

WEJTAP™ removal clip for red type II and medium (blue coded) tap connectors used with type WTHRB tool head.

Type WTOCBR

WEJTAP™ removal clip for large (yellow coded) tap connectors used with type WTHY tool head.



Type WTCK

WEJTAP™ tool cleaning/ maintenance kit for use with type WTB tool body.

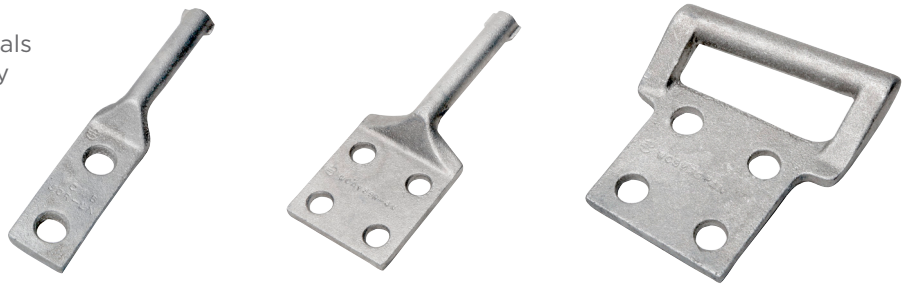
Type WTBASY1

WEJTAP™ ram replacement assembly.

WEJTAP™ POWERLUG™ 2-Hole, 4-Hole Pads; 4-Hole Flag Style

WEJTAP™ POWERLUG™

WEJTAP™ POWERLUG™ terminals are made of cast aluminum alloy for termination of ACSR and aluminum conductors.



2 Hole POWERLUG™

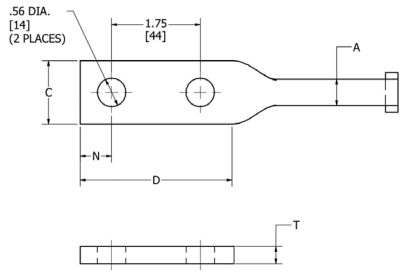


Fig. 1

4 Hole POWERLUG™

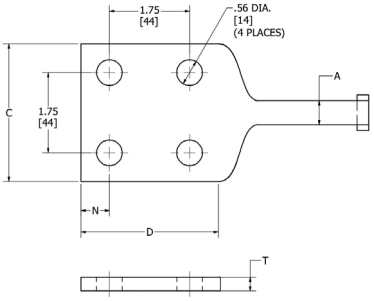


Fig. 2

4 Hole Flag

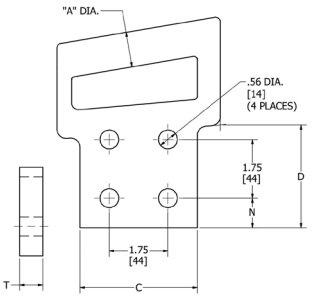


Fig. 3

Catalog Number	Tap Groove for Connector Selection	Standard Conductor		Figure No.	Holes in Pad	Dimension			
		ACSR	ASC/AAC			C	D	N	T
WCAB30R2N	4/0 Standard ACSR (.563 in OD)	6 Str. - 266.8	6 Str. - 300	1	2	1-1/4	3	5/8	0.34
WCAB30R4N				2	4	3	3	5/8	0.30
WCBB30R4N				3	4	3	3	5/8	0.30
WCAY39R2N	336.4 Standard ACSR (.721 in OD)	266.8 - 556.5	336.4 - 636	1	2	1-3/4	3	5/8	0.34
WCAY39R4N				2	4	3	3	5/8	0.30
WCBY39R4N				3	4	3	3	5/8	0.30
WCAY49R2N	795 Standard ACSR (1.06 in OD)	605 - 1033.5	715.5 - 1113	1	2	1-3/4	3-1/2	7/8	0.69
WCAY49R4N				2	4	3-1/2	3-1/2	7/8	0.69
WCBY49R4N				3	4	3-1/2	3-1/2	7/8	0.69

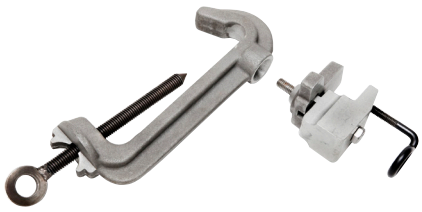
NOTE: The recommended connector and booster are ordered separately. Catalog number is for the POWERLUG™ only. Use the Tap Groove Connector diameter, along with the application run conductor diameter, to choose the correct WEJTAP™ connector.

MULTIPLE CONDUCTOR TAP APPLICATION

Connector	*Run Groove	*Tap Groove
WCY64PB	Three - 1/0 ACSR (6/1) Diameter = 0.398	One - 4/0 ACSR (6/1) Diameter = 0.563
WCY65PB	Three - 1/0 ACSR (6/1) Diameter = 0.398	One - 3/0 ACSR (6/1) Diameter = 0.502
WCY63PB	Three - 2/0 ACSR (6/1) Diameter = 0.447	One - 4/0 ACSR (6/1) Diameter = 0.563
WCB11PB	Three - #4 stranded Diameter = 0.232	One - 1/0 ACSR (6/1) Diameter = 0.398
WCY54PB	Three - 1/0 stranded Diameter = 0.368	One - 4/0 stranded Diameter = 0.522
WCY53PB	Three - 1/0 stranded Diameter = 0.368	One - 3/0 stranded Diameter = 0.464
WCY64PB	Three - 2/0 stranded Diameter = 0.414	One - 4/0 stranded Diameter = 0.522
WCB11PB	Three - #4 stranded Diameter = 0.232	One - 1/0 stranded Diameter = 0.368

* *Electrically, the three smaller conductors are the likely taps, however, during installation, they are located in the larger run groove due to their larger aggregate sum.*

WEJTAP™ Hotstick Accessories



Type WHSCWH

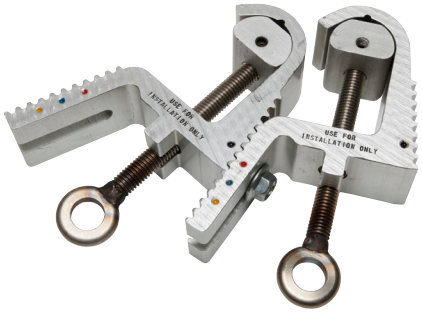
WEJTAP™ hotstick connector clamp used to hold the tap connector spring-body and wedge for installation on energized lines with the shotgun hotstick.

Type WHSWHADP

WEJTAP™ hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation.

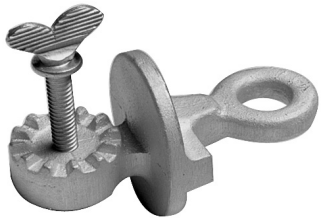
Type WHSWB

WEJTAP™ hotstick wirebrush attaches to the universal hotstick for cleaning the contact surface of the line conductor.



Type WHSPBC

WEJTAP™ hotstick dual cable clamp used to hold run and tap conductors in position during hotline installation. Universal for all applications from #8-1272 ACSR.

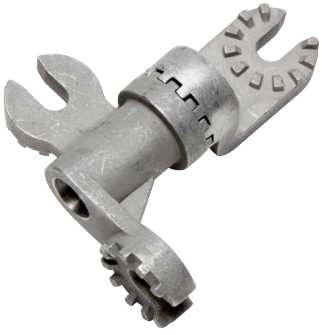


Type WCHAWAS

WEJTAP™ hotstick angle wedge holder adapter attaches wedge clamp to universal hotstick for hotline installation with shotgun stick.

Type WHSGB

WEJTAP™ hotstick breech drive. Geared shotgun hotstick adapter easily latches to the breech end of WEJTAP™ installation tool with disassembly for use on energized lines.

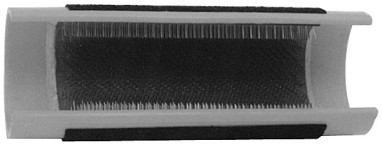


Type WHSSADP

WEJTAP™ hotstick spring loaded 90 degree adapter, used to attach tool to universal hot-stick for hotline installations.

Type WHSTA

WEJTAP™ hotstick tool (actuator) hammer attaches to the universal hotstick for striking the tool actuator button to complete the installation.



Type WHHWB

WEJTAP™ hand-held wire brush for cleaning surface contact areas on non-energized conductors.

WEJTAP™ Kit Ordering Instructions

WEJTAP™ KIT ORDERING INSTRUCTIONS

Type WTCC (Carrying Case Only)

WEJTAP™ plastic carrying case. Designed for rugged use in all weather conditions. It accommodates WEJTAP™ installation tool, removal clips, and cleaning kit.

Type WABAG

WEJTAP™ accessories bag is designed for use in carrying installation tool(s), removal clips, and cleaning kit. Hotstick accessories may be accommodated as well. Holders for power boosters are conveniently located on the outside of the bag.

	*Non-Hot Stick Power Unit	Hot Stick Power Unit	Self-Firing Tool	Large Frame (Yellows)	Large Frame Take Off Clip	Small Frame (Red, Blue)	Cleaning Kit	Small Frame Take Off Clip	Molded Carrying Case	Canvas Style Tool Bag
Component / Kit Catalog No.	WTBNHS	WTB	WTBGBW	WTHY1S	WTOCY	WTHRB1S	WTCK	WTOCBR	WTCC	WABAG
WT2B2RBYWABAG		2		1	1	1	1	1		1
WT2BRBYWABAG		2				1	1	1		1
WTRBYK		1		1	1	1	1	1	1	
WTRBYKNHS	1			1	1	1	1	1	1	
WTYK		1		1	1		1			
WTYKNHS	1			1	1		1			
WTRBK		1				1	1	1	1	
WTRBKNHS	1					1	1	1	1	
WT2BRBYK		2		1	1	1	1	1	1	
WT2B2RBYK		2		1	1	2	1	1	1	
WTY		1		1			1			
WTRB		1				1	1			
WTYWABAG		1		1	1		1			1
WTYKNHSBAG	1			1	1		1			1
WTRBWABAG		1				1	1	1		1
WTRBKNHSBAG	1					1	1	1		1
WTBGBWRBYK			1	1	1	1	1	1	1	
WTRBYWABAG		1		1	1	1	1	1		1
WTRBYKNHSBAG	1			1	1	1	1	1		1

* *Non-Hotstick power units do not contain features allowing activation with Hotsticks. They are not upgradeable.*

Contact your BURNDY® representative for a WEJTAP™ demonstration or contact the factory at 1-800-346-4175

WEJTAP™ In-Line Disconnect

The BURNDY® In-Line Disconnect utilizes proven WEJTAP™ technology in combination with industry standard components to provide reliable performace of switch applications.

1. Utilizes WEJTAP™ connectors for securing the switch to the distribution line in tension applications.
2. Utilizes industry recognized and proven GST&D Products, LTD. blade components along with dual Advance Rubber Products, Inc., Insulators attached to a BURNDY® designed yoke plate assembly.
3. WEJTAP™ In-Line Disconnect designed for use in gloving and hot stick applications in conjunction with an industry standard load break tool.
4. Dual insulators minimize the switch movement during opening and closing of the blade.
5. Installation steps are minimized. The switch can be snapped directly on the line and secured with our conductor pivot retainer, designed into the switch frame.
6. WEJTAP™ tooling is used to secure the "C Member" to the built-in wedge feature of the frame. Providing reliable mechanical and electrical performance.
7. The blade is positioned on the switch to simplify cutting the conductor during installation.
8. In-Line Disconnect is removable and reuseable.
9. Other conductor sizes available. Please contact factory.

Product Specifications

Voltage: 15 kV (110 kV BIL), 29 kV (150 kV BIL), 35 kV (200 kV BIL)

Current: 900 Ampere RMS

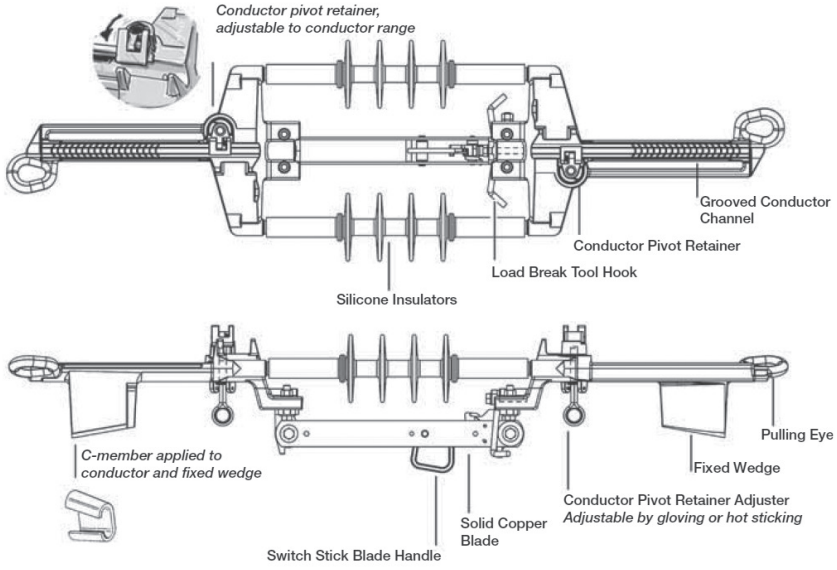
Short Circuit: Momentary Current 40,000 Ampere RMS, Asymmetrical

Three Second Current 25,000 Ampere RMS, Symmetrical

Strength: Body 10,000 lbs. Pulling Eye 6,000 lbs.

Insulators: Silicone

Meets Industry Standards: ANSI C119.4, C37.32
IEEE C37.30, C37.34
CSA C83.71
ASTM B117 Salt Fog



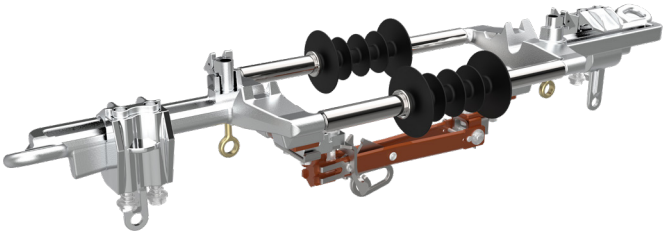
Catalog Number	KV/BIL Ratings	Conductor Dia. Range	Common Conductors		Replacement Tap
			ACSR	AAC	
WAD1015	15 kV/110 kV BIL	0.398" - 0.502"	1/0 (6/1), 2/0 (6/1), 3/0 (6/1)	2/0, 3/0	**WADRT1**
WAD1029	29 kV/150 kV BIL				
WAD1035	35 kV/200 kV BIL				
WAD4015	15 kV/110 kV BIL	0.522" - 0.609"	4/0 (6/1), 266.8 (18/1)	4/0, 250, 266.8 (7 Str. , 19 Str.), 336 compact	**WADRT1**
WAD4029	29 kV/150 kV BIL				
WAD4035	35 kV/200 kV BIL				
WAD33615	15 kV/110 kV BIL	0.642" - 0.723"	266.8 (26/7, 30/7) 336.4 (18/1, 26/7)	336, 350, 397.5, 477 compact	**WADRT2**
WAD33629	29 kV/150 kV BIL				
WAD33635	35 kV/200 kV BIL				
WAD47715	15 kV/110 kV BIL	0.741" - 0.814"	336.4 (30/7), 397.5 (All Str.), 477 (18/1)	477 (19 Str. , 37 Str.), 500 (19 Str. , 37 Str.), 556 compact	**WADRT1**
WAD47729	29 kV/150 kV BIL				
WAD47735	35 kV/200 kV BIL				
WAD55615	15 kV/110 kV BIL	0.846" - 0.883"	477 (24/7, 26/7, 30/7), 556 (18/1)	556 (19 Str. , 37 Str.)	**WADRT2**
WAD55629	29 kV/150 kV BIL				
WAD55635	35 kV/200 kV BIL				
WAD79515	15 kV/110 kV BIL	0.953" - 1.040"	556 (26/7, 30/7), 795 (36/1)	795 (37 Str. , 61 Str.)	**WADRT3**
WAD79529	29 kV/150 kV BIL				
WAD79535	35 kV/200 kV BIL				

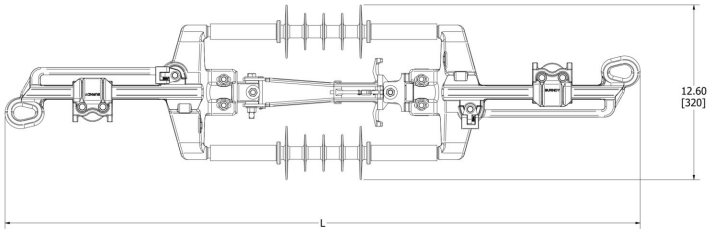
WEJTAP™ Bolted Wedge In-Line Disconnect Switch

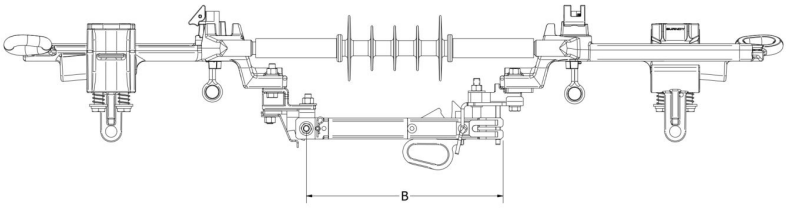
Type WADM-H Bolted Wedge In-Line Disconnect Switch

Combining the best features of the WEJTAP™ In-Line Disconnect Swith, the WADM-H Bolted Wedge enhances the range taking capabilities with an innovative hybrid bolted connector while maintaining the time savings features.

1. Bolted hybrid connector combines bolted technology with wedge features to make a reliable connection while taking the guess work of knowing when “tight is tight”.
2. Spring loaded pivot retainer snaps onto the conductor freeing the hands of the installer to quickly and safely complete the installation.
3. Dual insulators minimize the switch rotation during opening and closing, especially in mid-span applications.
4. The switch can be easily removed and reused (reconditioning required).
5. The blade can be locked at 90 and 155 degrees.







Product Specifications

Voltage: 15 kV (110 kV BIL)
35 kV (200 kV BIL)

Current: 900 Ampere RMS

Strength: Body 10,000 lbs

Catalog Number	kV / BIL Ratings	Conductor Dia. Range	Conductors		Replacement Connector	Dimensions	
			ACSR	AAC		L (in) [mm]	B (in) [mm]
WADM33615H	15 kV / 110 kV BIL	0.398” - 0.72”	1/0 (6/1) to 336.4 (18/1)	2/0 (7) (19) to 350 (19)	**WADM336CON**	46 [1168]	11.6 [295]
WADM33635H	35 kV / 200 kV BIL					52 [1321]	18.0 [458]
WADM55615H	15 kV / 110 kV BIL	0.721” - 0.927”	336.4 (26/7) to 556.5 (26/7)	397.5 (19) to 556 (19)	**WADM556CON**	44 [1168]	11.6 [295]
WADM55635H	35 kV / 200 kV BIL					52 [1321]	18.0 [458]
WADM79515H	15 kV / 110 kV BIL	0.927” - 1.040”	556.5 (26/7) to 795 (36/1)	650 (37) to 795 (37)	**WADM795CON**	44 [1168]	11.6 [295]
WADM79535H	35 kV / 200 kV BIL					52 [1321]	18.0 [458]

Tightening torque for all sizes is 480 in-lbs; 3/4” wrench

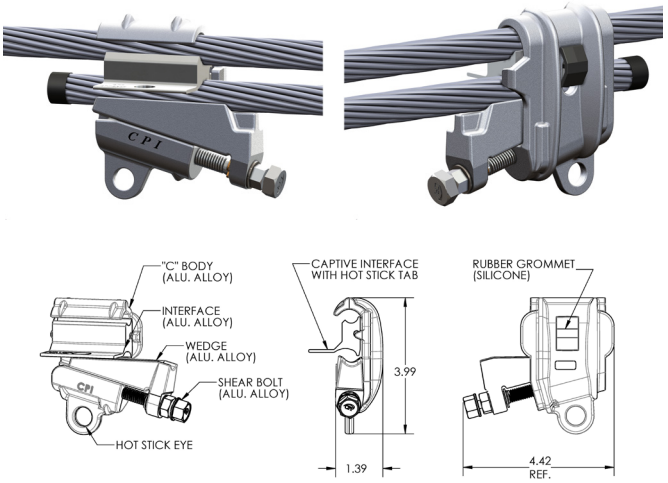
CPI™ Connector Products Table of Contents

Table of Contents

Bolted WEJTAP™ Connectors - Aluminum

CPI™ Shear Bolt WEJTAPTM Connectors with Captive Interface #4 - 350 Small Series Aluminum Tap

CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection. The new Captive Interface is now "held" by the connector to facilitate installation and eliminate the risk of the interface falling. The Captive Interface also allows for conductor side entry which simplifies the installation.



Features and Benefits

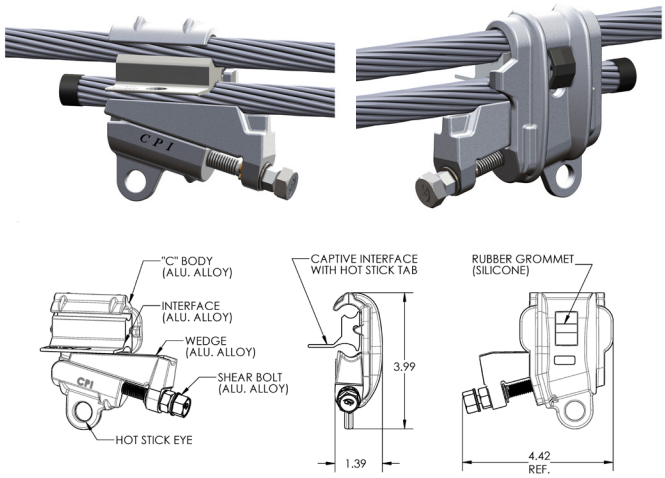
- The new Captive Interface is contained by the C Body so it cannot fall out during installation
- The new Captive Interface allows conductor side entry which simplifies installation
- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corrosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lowers electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling

Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
640101F	#6	0.162"-0.232"	#6, #4 Sol	0.162"-0.204"
240100F	#4, #2, #1 AAC	0.232"-0.328"	#6, #4 Sol	0.162"-0.204"
240101F			#4	0.232"-0.257"
240102F			#2, #1 AAC	0.292"-0.328"
210103F	#1 ACSR, 1/0, 2/0 AAC	0.354"-0.414"	#6 ACSR, #4 AAC	0.198"-0.232"
210105F			#4, #2, #1 AAC	0.232"-0.328"
210106F			#1 ACSR, 1/0, 2/0 AAC	0.354"-0.414"
230107F	2/0 ACSR, 3/0	0.447"-0.502"	#6 ACSR, #4 AAC	0.198"-0.232"
230108F			#4, #2, #1	0.232"-0.354"
230110F			#1 ACSR, 1/0, 2/0 AAC	0.354"-0.414"
230111F			2/0 ACSR, 3/0	0.447"-0.502"
264111F	3/0 ACSR, 4/0 250 AAC	0.502"-0.574"	#6 ACSR, #4, #1 AAC	0.198"-0.328"
264113F			#1 ACSR, 1/0, 2/0 AAC	0.316"-0.414"
264114F			2/0 ACSR, 3/0	0.447"-0.502"
264115F			4/0, 250 AAC	0.522"-0.574"
350117F	266.8 ACSR, 300 MCM, 336.4 AAC 336.4 ACSR 18/1, 350 MCM	0.609"-0.684"	#6, #4 AAC	0.162"-0.232"
350118F			#4	0.232"-0.257"
350119F			#2, #1 AAC	0.292"-0.328"
350120F			#1, 1/0 AAC	0.328"-0.368"
350121F			1/0 ACSR, 2/0	0.398"-0.447"
350122F			2/0 ACSR, 3/0	0.447"-0.502"
350123F			4/0, 250	0.522"-0.574"
350124F			266.8-19 AAC, 300 AAC, 266.8 ACSR	0.592"-0.642"
350125F			300 ACSR	0.665"-0.684"

Not recommended for copper to copper applications, use copper Bolted WEJTAP™. Use a 9/16" socket to install and remove the bolt.

CPI™ Shear Bolt WEJTAPTM Connectors with Captive Interface 336.4 - 636 Medium Series Aluminum Tap

CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection. The new Captive Interface is now "held" by the connector to facilitate installation and eliminate the risk of the interface falling. The Captive Interface also allows for conductor side entry which simplifies the installation.



Features and Benefits

- The new Captive Interface is contained by the C Body so it cannot fall out during installation
- The new Captive Interface allows conductor side entry which simplifies installation
- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corrosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lowers electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling

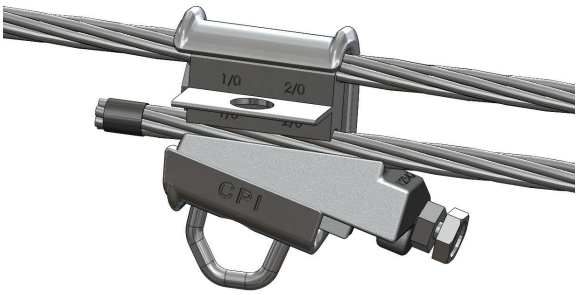
Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
336222F	300 MCM, 336.4, 350 MCM, 397 ACSR 18/1	0.63"-0.743"	#6, #4, #3 Cu	0.162"-0.292"
336104F	336.4, 350 MCM, 397 ACSR 18/1	0.666"-0.743"	#4 ACSR, #2, 1/0 AAC	0.257"-0.368"
336012F			1/0, 2/0, 3/0	0.368"-0.502"
336866F			4/0 ACSR, 266.8 AAC	0.522"-0.592"
336718F			266.8 ACSR 36/7, 336.4, 397.5	0.642"-0.806"
477057F	397 ACSR, 24/7, 450 MCM, 477, 500 MCM, 556.5 AAC	0.769"-0.858"	#6 AAC, #4, #2	0.162"-0.316"
477962F			#2, 1/0	0.292"-0.398"
477853F			1/0 ACSR, 2/0, 3/0 AAC	0.398"-0.464"
477724F			3/0 ACSR, 4/0,250, 266.8, 300 AAC	0.502"-0.628"
477633F			266.8 ACSR 36/7, 300 AAC, 336.4 397.5 ACSR 24/7	0.628"-0.772"
477434F			336.4 ACSR 26/7, 397, 477, 500 MCM, 556 AAC	0.72"-0.858"
556956F	477 ACSR 26/7, 556, 600 MCM, 636 ACSR 18/1, 605 ACSR	0.856"-0.953"	#6, #4, #2	0.162"-0.316"
556892F			#2, #1, 1/0	0.292"-0.398"
556783F			1/0, 2/0, 3/0, 4/0 AAC	0.368"-0.52"
556638F			4/0, 250, 266.8, 300 MCM, 336 AAC, 350 MCM	0.522"-0.68"
556504F			350 MCM, 336.4, 397.5, 477 AAC	0.68"-0.806"
556294F			397 ACSR 30/7, 477, 500 MCM, 556.5, 636 AAC	0.795"-0.918"

Not recommended for copper to copper applications, use copper Bolted WEJTAP™. Use a 3/4" socket to install and a 9/16" socket to remove the bolt.

Bolted WEJTAP™ Connectors - Aluminum

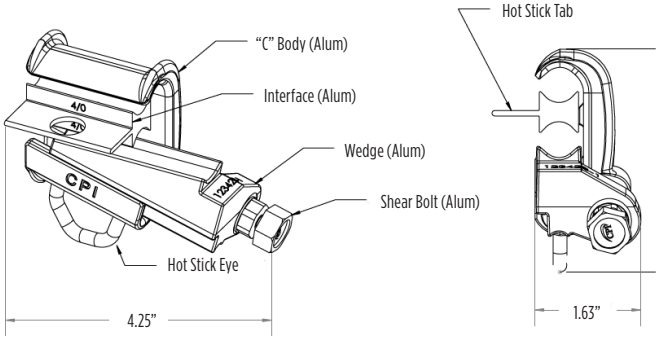
CPI™ Shear Bolt WEJTAP™ Connectors #4 - 4/0 Series Aluminum Tap

CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection.



Features and Benefits

- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lowers electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling

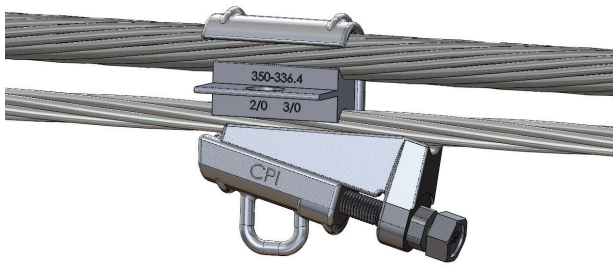


Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
210104	3/8" guy wire 2/0 AAC	.358" - .418"	#2 Cu	.257" - .292"
640101	#6	.162" - .232"	#6, #4 Sol	.162" - .204"
240100	#4 #2 #1 AAC	.232" - .328"	#6, #4 Sol	.162" - .204"
240101			#4	.232" - .257"
240102			#2, #1 AAC	.292" - .328"
210103	#1 ACSR 1/0 2/0 AAC	.354" - .414"	#6 ACSR, #4 AAC	.198" - .232"
210104			#4, #2 AAC	.257" - .292"
210105			#4 AAC, #2, #1 AAC	.232" - .328"
210106			#1 ACSR, 1/0, 2/0 AAC	.354" - .414"
230107	2/0 ACSR 3/0	.447" - .502"	#6 ACSR, #4 AAC	.198" - .232"
230108			#4, #2 AAC	.232" - .292"
230109			#2 AAC, #1	.292" - .354"
230110			#1 ACSR, 1/0, 2/0 AAC	.354" - .414"
230111			2/0 ACSR, 3/0	.447" - .502"
264111	3/0 ACSR 4/0 250 AAC	.502" - 574"	#6 ACSR, #4 AAC	.198" - .232"
264112			#4 ACSR, #2, #1 AAC	.250" - .328"
264113			#1 ACSR, 1/0, 2/0 AAC	.354" - .414"
264114			2/0 ACSR, 3/0	.447" - .502"
264115			4/0, 250 AAC	.522" - .574"

Not recommended for copper to copper applications.
Use copper Bolted WEJTAP™

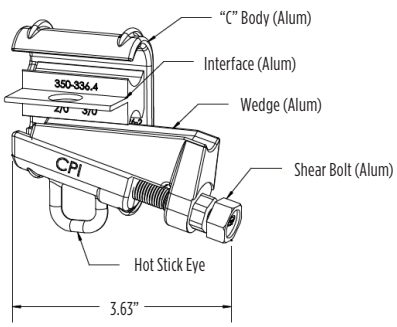
CPI™ Shear Bolt WEJTAP™ Connectors 350 kcmil Series Aluminum Tap

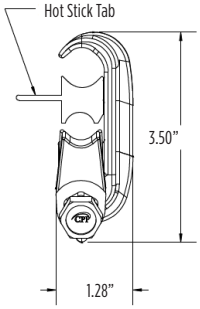
CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection.



Features and Benefits

- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corrosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lower electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling





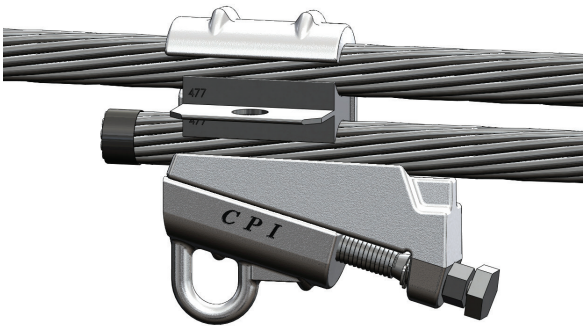
Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
350117	266.8 ACSR 300 kcmil 336.4 AAC 336.4 ACSR (18/1) 350 kcmil	.609" - .684"	#6, #4 AAC	.162" - .232"
350118			#4	.232" - .257"
350119			#2, #1 AAC	.292" - .328"
350120			#1, 1/0 AAC	.328" - .368"
350121			1/0 ACSR, 2/0	.398" - .447"
350122			2/0 ACSR, 3/0	.447" - .502"
350123			4/0, 250	.522" - .574"
350124			266.8-19 AAC, 300 AAC, 266.8 ACSR	.592" - .642"
350125			300 ACSR 26/7, 350, 336.4 18/1	.665" - .684"

Not recommended for copper to copper applications. Use copper Bolted WEJTAP™

Bolted WEJTAP™ Connectors - Aluminum

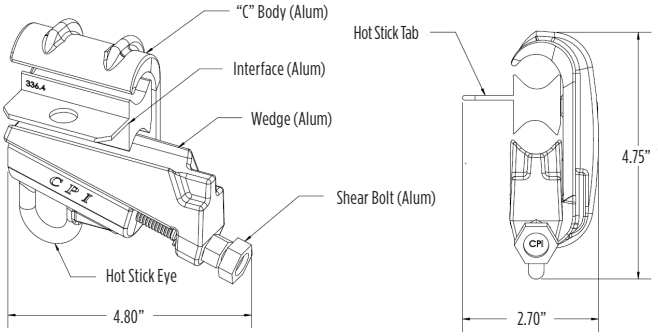
CPI™ Shear Bolt WEJTAP™ Connectors 336.4 - 636 kcmil Series Aluminum Tap

CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection.



Features and Benefits

- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corrosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lowers electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling



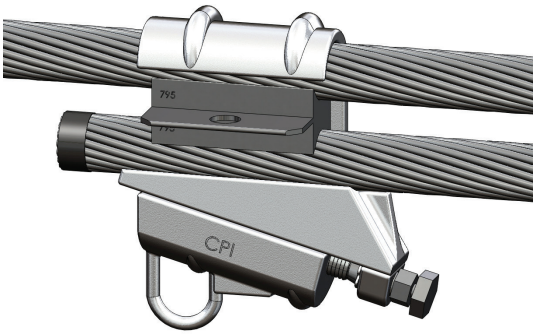
Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
336222	300 AAC 350 AAC	.63" - .68"	#2 Cu	.257" - .292"
336200	336.4 350 kcmil 397 ACSR 18/1	.666" - .743"	#6, #4	.162" - .257"
336104			#4 ACSR, #2, 1/0 AAC	.257" - .368"
336012			1/0, 2/0, 3/0	.368" - .502"
336866			4/0 ACSR, 266.8 AAC	.522" - .592"
336718			266.8 ACSR 36/7, 336.4, 397.5	.642" - .806"
477057	397 ACSR 24/7 450 kcmil 477 500 kcmil 556.5 AAC	.769" - .858"	#6, #4, #2	.162" - .316"
477962			#2, 1/0	.292" - .398"
477853			1/0 ACSR, 2/0, 3/0 AAC	.398" - .464"
477724			3/0 ACSR, 4/0, 250, 266.8, 300 AAC	.502" - .628"
477633			266.8 ACSR 36/7, 300 AAC, 336.4, 397.5 ACSR 24/7	.628" - .772"
477434			336.4 ACSR 26/7, 397, 477, 500 kcmil, 556 AAC	.720" - .858"
556956	477 ACSR 26/7 556 600 kcmil 636 ACSR 18/1 605 ACSR	.856" - .953"	#6, #4, #2	.162" - .316"
556892			#2, #1, 1/0	.292" - .398"
556783			1/0, 2/0, 3/0, 4/0 AAC	.368" - .522"
556638			4/0, 250, 266.8, 300 kcmil, 336 AAC, 350 kcmil	.522" - .680"
556504			350 kcmil 336.4, 397.5, 477 AAC	.680" - .806"
556294			397 ACSR 30/7, 44, 500 kcmil, 556.5, 636 AAC	.795" - .918"
556294-1			556.5 ACSR 24/7, 636 AAC, 636 ACSR 18/1, 605	.914" - .952"

Not recommended for copper to copper applications.
Use copper Bolted WEJTAP™

Bolted WEJTAP™ Connectors - Aluminum

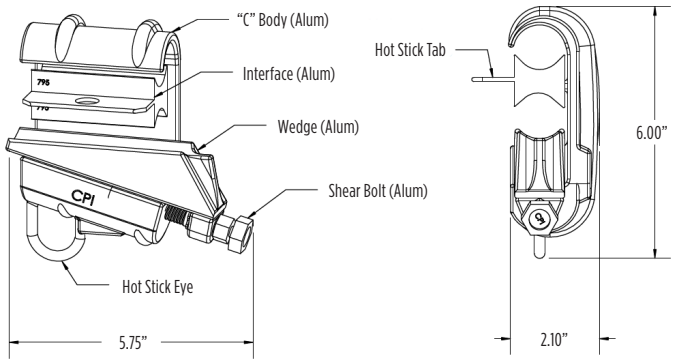
CPI™ Shear Bolt WEJTAP™ Connectors 795 - 1272 Series Aluminum Tap

CPI Aluminum Taps are designed for use as a permanent connection for aluminum and copper conductors. CPI wedge connectors use high strength aluminum alloy, pure aluminum and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection.



Features and Benefits

- Industry-proven spring wedge technology easily installed with common socket or impact wrench - No Special Tools Required!
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Meets or exceeds current carrying capacity of conductors being connected
- Corrosion resistant highly conductive aluminum alloys with a pure aluminum insert between conductors increases conductivity and lowers electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have Shoot-On or compression tooling



Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
795454	636 ACSR 715 750 kcmil 795 900 kcmil	.973" - 1.108"	#6, #4, #2 AAC	.162" - .292"
795360			#2 ACSR, #1, 1/0, 2/0 AAC	.316" - .414"
795218			2/0 ACSR, 3/0, 4/0, 250 AAC	.447" - 574"
795050			266.8, 300 kcmil, 350 kcmil, 336.4 ACSR 18/1	.586" - .684"
795920			336.4 ACSR 26/7, 450 kcmil, 500 kcmil, 477, 556.5 AAC	.720" - .858"
795730			477 ACSR 30/7, 556.5 ACSR, 600 kcmil, 605 kcmil, 636 ACSR 18/1, 715.5 AAC	.879" - .975"
795594			636 ACSR 26/7, 750 kcmil, 715, 795, 900 kcmil	.991" - 1.108"
954420	954 900 ACSR 1000 kcmil 1113 AAC 1033.5 AAC	1.124" - 1.196"	#6, #4, #2 AAC	.162" - .292"
954320			#2 ACSR, #1, 1/0, 2/0 AAC	.316" - .414"
954175			2/0 ACSR, 3/0, 4/0, 250 AAC	.447" - .574"
954030			266.8, 300 kcmil, 350 kcmil, 336.4 ACSR 18/1	.586" - .684"
954870			336.4 ACSR 26/7, 450 kcmil, 500 kcmil, 477, 556.5 AAC	.720" - .856"
954660			477 ACSR 26/7, 556, 605, 715 AAC, 636 ACSR 26/7	.858" - .991"
954484			666.6 ACSR 24/7, 715 ACSR, 795, 900 AAC	1.000" - 1.093"
954390			795 ACSR 26/7, 954, 1113 kcmil, 900 ACSR, 1000 kcmil, 1033.5 AAC	1.107" - 1.196"
103370	1-33/5 ACSR 1113 ACSR 1102 AAC 1282 AAC	1.212" - 1.300"	#6, #4, #2 AAC	.162" - .292"
103260			#2 ACSR, #1, 1/0, 2/0 ACSR	.316" - .414"
103110			2/0 ACSR, 3/0, 4/0 AAC	.447" - .522"
103945			4/0 ACSR, 250 kcmil, 266.8, 300 kcmil	.563" - .642"
103780			350 kcmil, 336.4, 397.5, 450 kcmil	.665" - .783"
119793			397.5 ACSR 30/7, 477, 500 kcmil, 556 AAC, 600 kcmil	.795" - .893"
103680			556.5 ACSR 24/7, 363, 715 ACSR 24/7, 750 kcmil, 795 AAC	.914" - 1.036"
103580			795 ACSR 36/1, 900, 954 AAC, 1000 AAC, 1113 kcmil	1.040" - 1.151"
103380			900 ACSR 45/7, 1033.5, 954 ACSR, 1192.5 AAC	1.162" - 1.258"
119250			1113 ACSR, 1272 AAC	1.212" - 1.300"

Not recommended for copper to copper applications.
Use copper Bolted WEJTAP™

Tap Connector Selection Chart

CPI™ Shear Bolt WEJTAP™ Connector Selection Chart

Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
210104	3/8" guy wire 2/0 AAC	.358" - .418"	#2 Cu	.257" - .292"
640101	#6	.162" - .232"	#6 #4 Solid	.162" - .213"
240100	#4 AAC #4 ACSR #2 ACSR	.232" - .328"	#6 Sol., #4 Solid	.162" - .204"
240101			#4, #2 Solid	.232" - .257'
240102			#2, #1 AAC	.292" - .328"
210103	#1 ACSR 1/0 AAC 2/0 AAC	.354" - .414"	#6 ACSR, #4 AAC	.198" - .232"
210105			#4, #2, #! AAC	.232" - .325"
210106			#1 ACSR, 1/0, 2/0 AAC	.355" - .414"
230107	2/0 ACSR 3/0 ACSR	.447" - .502"	#6 ACSR, #4 AAC	.198" - .232"
230108			#4, #2 AAC	.232" - .292"
230109			#2 ACSR, #1	.292" - .354"
230110			1/0, 2/0 AAC	.354" - .414"
230111			2/0, 3/0	.447" - .502"
264111	4/0 AAC 4/0 ACSR 250 kcmil	.502" - .570"	#6 ACSR, #4 AAC	.198" - .232"
264112			#4 ACSR, #2, #1 AAC	.250" - .328"
264113			#1 ACSR, 1/0, 2/0 AAC	.354" - .414"
264114			2/0, 3/0	.447" - .502"
264115			4/0, 250 AAC	.522" - .574"
350117	266.8 ACSR 300 kcmil 336.4 AAC 336.4 ACSR (18/1) 350 kcmil	.609" - .684"	#6 SOL, #4 AAC	.162" - .232"
350118			#4	.232" - .257"
350119			#2, #1 AAC	.276" - .328"
350120			#1, 1/0 AAC	.328" - .382"
350121			1/0 ACSR, 2/0	.398" - .447"
350122			2/0 ACSR, 3/0	.447" - .502"
350123			4/0, 250	.522" - .574"
350124			266.8 -19 AAC, 300 AAC, 266.8 ACSR	.592" - .642"
350125			350, 336.4 (18/1)	.665" - .684"
336222	300 ACC - 350 AAC	.63" - .68"	#2 Cu	.257" - .292"
336200	366 AAC 336 ACSR 350 kcmil 397 ACSR (18/1)	.666" - .743"	#6 SOL, #4	.162" - .257"
336104			#4 ACSR, #2, 1/0 AAC	.257" - .368"
336012			1/0 AAC, 2/0, 3/0	.368" - .502"
336866			4/0 ACSR, 266.8 AAC	.522" - .592"
336718			266.8 ACSR (36/7), 336.4, 397.5	.642" - .806"
477057	450 kcmil 477 AAC 500 kcmil 556.5 AAC	.770" - .858"	#6 SOL, #4, #2	.162" - .316"
477962			#2 AAC, 1/0 ACSR	.292" - .398"
477853			1/0 ACSR, 2/0, 3/0 AAC	.398" - .464"
477724			3/0ACSR, 4/0, 300AAC	.502" - .628"
477633			300 AAC, 336.4, 397.5 ACSR (24/7)	.628" - .772"
477434			336.4 ACSR (26/7), 477, 556 AAC (37 str)	.720" - .858"
556956	477 ACSR (26/7) 556 AAC 600 kcmil 556 ACSR (30/7) 636 ACSR (18/1)	.856" - .953"	#6 SOL, #4, #2	.162" - .316"
556892			#2, 1/0	.292" - .398"
556783			1/0, 2/0, 3/0, 4/0 AAC	.368" - .522"
556638			4/0, 266.8, 300 kcmil, 336 AAC, 350 kcmil	.522" - .680"
556504			350 kcmil, 336.4 AAC, 397.5	.680" - .806"
556294			477, 556.5, 636 AAC (37)	.795" - .918"
556294-1			556.5 ACSR (24/7), 636 AAC, 605	.914" - .952"

Tap Connector Selection Chart

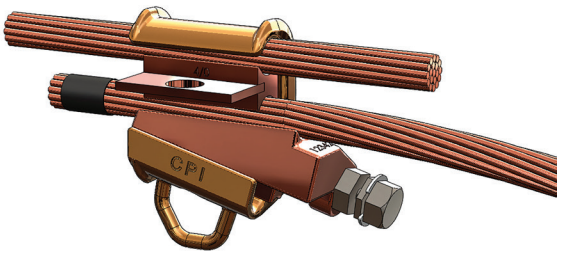
CPI™ Shear Bolt WEJTAP™ Connector Selection Chart (continued)

Catalog Number	Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
795454	715 AAC 750 kcmil 795 AAC 795 ACSR	.973" - 1.108"	#6 SOL, #2 AAC	.162" - .292"
795360			#2 ACSR, 1/0, 2/0 AAC	.316" - .414"
795218			2/0 ACSR, 3/0, 250 AAC	.447" - .574"
795050			266.8 AAC (7 str), 336.4 ACSR (18/1)	.586" - .684"
795920			336.4 ACSR (26/7), 477, 556.5 AAC (37)	.720" - .858"
795730			556.5 ACSR (18/1), 636, 715.5 AAC (61 str)	.879" - .975"
795594			636 ACSR (26/7), 795 ACSR (26/7)	.991" - 1.108"
954420	954 AAC 954 ACSR 1000 kcmil 1033.5 AAC	1.124" - 1.196"	#6 SOL, #2 AAC	.162" - .292"
954320			#2 ACSR (6/1), 1/0, 2/0 AAC	.316" - .414"
954175			2/0 ACSR (6/1), 3/0, 250 AAC (7)	.447" - .574"
954030			266.8 AAC (7 Astr), 366.4 ACSR (18/1)	.586" - .684"
954870			366.4 ACSR (26/7), 397.5, 556.5 AAC (19)	.720" - .856"
954660			477 ACSR (26/7), 636 ACSR (26/7)	.858" - .991"
954484			666.6 ACSR (24/7) 900 AAC (61 str)	1.000" - 1.093"
954390			795 ACSR (26/7), 954 ACSR (54/7)	1.107" - 1.196"
103370	1033.5 AAC (45/7) 1033.5 ACSR 1113 AAC 1113 ACSR 1192 AAC 1272 AAC	1.212" - 1.300"	#6 SOL, #2 AAC	.162" - .292"
103260			#2 ACSR (6/1), 3/0, 250 AAC (7)	.316" - .414"
103110			2/0 ACSR, 3/0, 4/0 AAC	.447" - .522"
103945			4/0 ACSR, 266.8 ACSR (36/7)	.563" - .642"
103780			336.4 AAC, 397.5 ACSR (26/7)	.665" - .783"
119793			477 AAC, 600 kcmil	.795" - .893"
103680			556.5 ACSR (24/7), 715.5 ACSR (24/7)	.914" - 1.036"
103580			795 ACSR (36/1), 795, 900 ACSR (45/7), 1000 AAC	1.040" - 1.151"
103380			900 ACSR (54/7), 1033.5, 954 ACSR (54/7), 1192.5 AAC	1.162" - 1.258"
103580-1			795 ACSR (36/1), 795, 900 ACSR (45/7)	1.040" - 1.151"
119250			1113 ACSR, 1272 AAC (54/19), 1272 AAC (61 str)	1.212" - 1.300"

Bolted WEJTAP™ Connectors - Copper

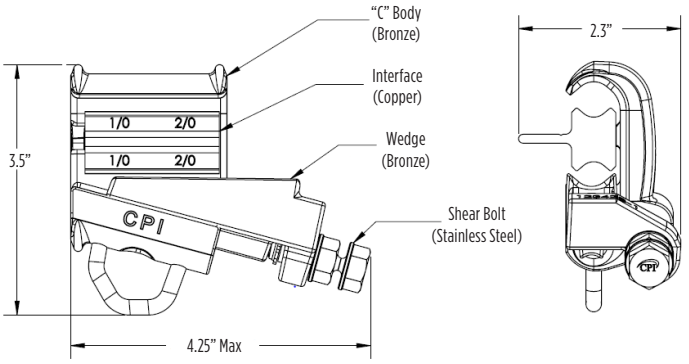
CPI™ Shear Bolt WEJTAP™ Connectors #4 - 350 kcmil Series Copper Tap

CPI Copper Taps are designed for use as a permanent connection on copper wire or solid rod. CPI wedge connectors use high strength bronze alloy, pure copper and a unique shear head bolt for a mechanically strong, electrically conductive and easy to install connection.



Features and Benefits

- Industry-proven spring wedge technology easily installed with common socket or impact wrench
- Installed overhead
- Meets or exceeds current carrying capacity of conductors being connected
- "Spring Like" high strength C-Body ensures permanent connection with consistent pressure on the conductors
- Corrosion resistant highly conductive copper and bronze alloys with a pure copper insert between conductors increases conductivity and lower electrical resistance
- Corrosion inhibitor factory applied for ease of installation
- Remains permanently locked through fault current or power surges
- Easy to remove without damage to conductor



Catalog Number	Copper Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
240100C	#4 - #1 (7 Str)	.232" - .328"	#6-#4 Sol	.162" - .204
240101C			#4 Str-#2 Sol	.232" - .260"
240102C			#1-#2 Str	.281" - .325"
210103C	1/0 - 2/0	.368" - .419"	#6-#4 Sol	.162" - .204"
210104C			#4 Str-#2 Sol	.232" - .260"
210105C			#1-#2 Str	.281" - .325"
210106C			1/0-2/0	.368" - .419"
230107C	3/0	.464" - .500"	#6-#4 Sol	.162" - .204"
230108C			#4 Str-#2 Sol	.232" - .260"
230109C			#1-#2 Str	.281" - .325"
230110C			1/0-2/0	.368" - .419"
230111C			3/0	.464" - .474"
264110C	4/0	.500" - .530"	#6-#4 Sol	.162" - .204"
264111C			#4 Str-#2 Sol	.232" - .260"
264112C			#1-#2 Str	.281" - .325"
264113C			1/0-2/0	.368" - .419"
264114C			3/0	.464" - .474"
264115C			4/0	.500" - .530"

Catalog Number	Copper Conductor			
	Main	Main Dia. Range	Tap	Tap Dia. Range
350117C	300 - 350	.628" - .679"	#6-#4 Sol	.162" - .204"
350118C			#4 Str-#2 Sol	.232" - .260"
350119C			#1-#2 Str	.281" - .325"
350120C			1/0-2/0	.368" - .414"
350121C			2/0	.414" - .418"
350122C			3/0	.464" - .500"
350123C			4/0-250 kcmil	.522" - .575"
350124C			300 kcmil	.600" - .628"
350125C			350 kcmil	.650" - .679"

CPI™ Tap Cover Fits Connectors 336.4 through 1272 AAC

CPI Aluminum Tap Covers electrically insulate CPI Shear Bolt Wedge Tap connectors from neighboring connectors on adjacent phases, exposed ground conductors, and nearby grounded structures or vegetation. These covers are intended for casual contact only and are not for use as personal protection. Type applications are 600-Volt maximum insulated-conductor overhead applications.

Features and Benefits

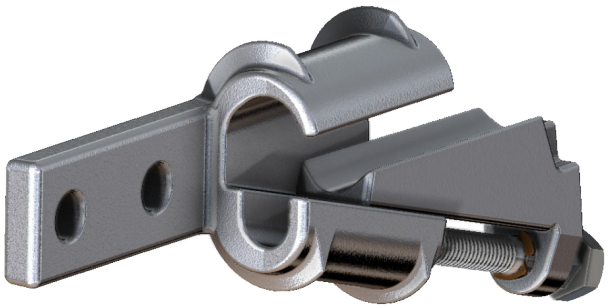
- 600-Volt maximum overhead application rating
- One size fits connectors ranging from 336.4 through 1272 AAC
- Easy one hinge design with self-locking closure
- Louvered side panels for ventilation and ease of installation
- Made from UV-inhibited, injection-molded polypropylene for durability and resistance to cold cracking

Catalog Number: 336100

Bolted Wedge Terminals - Aluminum

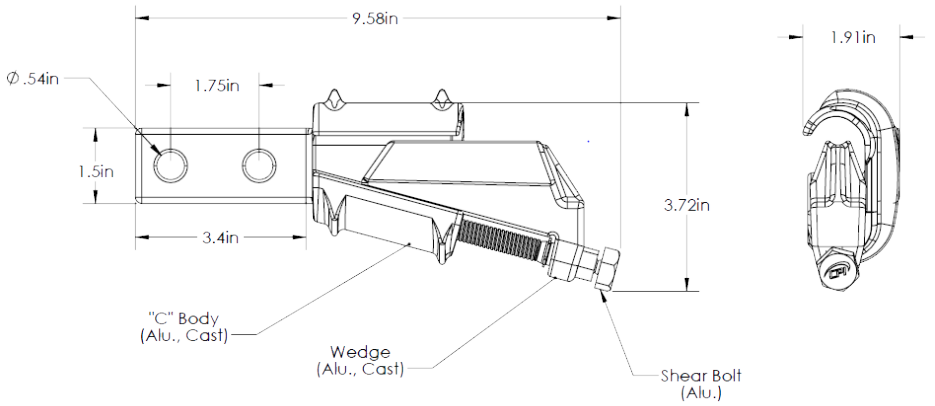
CPI™ Shear Bolted Wedge Terminals #6 - 795 AAC Expanded Range Taking; Fit 2-hole NEMA pads

CPI Aluminum Bolted Wedge Terminals feature 2-hole NEMA pad with aluminum shear bolt with no interface required. Only 4 sizes cover #6 through 795 AAC.



Features and Benefits

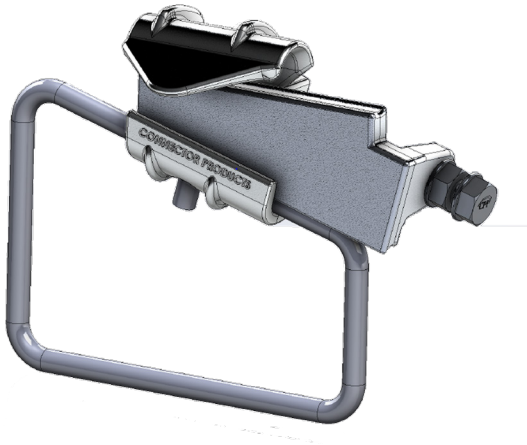
- No interface required
- Simplified installation, no special tools required
- Expanded range-taking design, only 4 sizes needed to cover from #6 through 795 AAC
- Fits 2-hole NEMA pad
- Easily removable



Catalog Number	Conductor		Dimensions		
	Nominal Wire Range	Wire Diameter	L	W	H
TP100	#6 - 2/0 AAC	.162" - .414"	9.58"	1.91"	3.72"
TP200	2/0 AAC - 336.4 AAC	.414" - .656"			
TP300	336.4 AAC - 636 AAC	.656" - .918"			
TP400	636 AAC - 795 AAC	.918" - 1.027"			

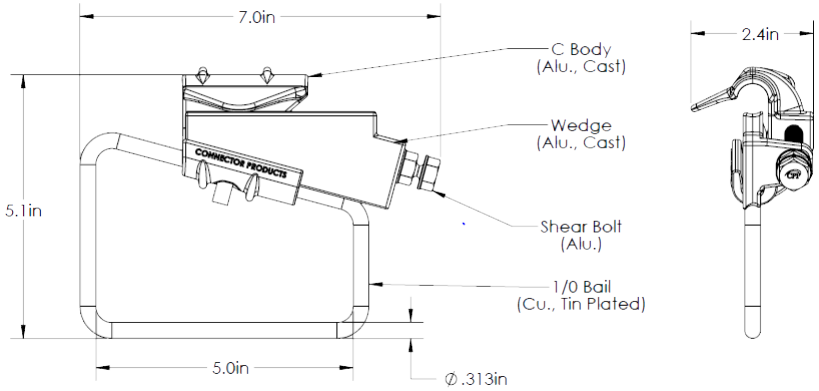
CPI™ Shear Bolt Wedge Stirrups Accommodates #6 - 4/0 ACSR; Available with 1/0 or 2/0 Bail

CPI Bolted Wedge Stirrups require no loose interface for connection and an expanded wire range reduces the total number of SKUs from four to one compared with standard product. Available with a 1/0 or 2/0 tin plated copper bail for easy connection with a bronze hot line clamp. Mainly used in utility overhead distribution primary line tapping used with standard bronze hot line clamps (sold separately).



Features and Benefits

- No loose interface required for connection
- Simplified installation, no special tools required
- Expanded range-taking design, only 1 size covers from #6 solid through 4/0 ACSR
- Aluminum shear bolt guarantees proper torque without the need of a torque wrench
- Aluminum triple lead threads reduces the number of turns to install the connector
- Connector is easily removable with a standard wrench

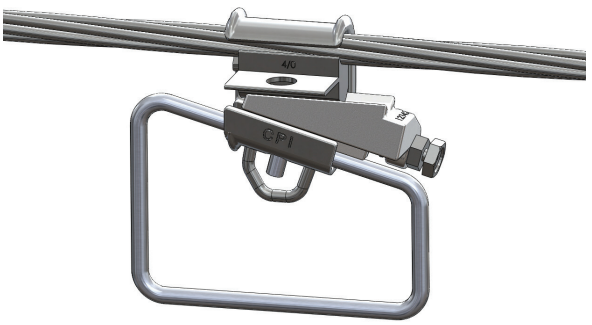


Catalog Number	Nominal Wire Range	Wire Diameter	Bail Size	Dimensions		
				L	W	H
120000	#6 Sol - 4/0 ACSR	.162" - .574"	1/0 Bail	7.0	2.4	5.1
120100			2/0 Bail	6.8	2.4	5.2

Bolted Wedge Stirrups - Aluminum

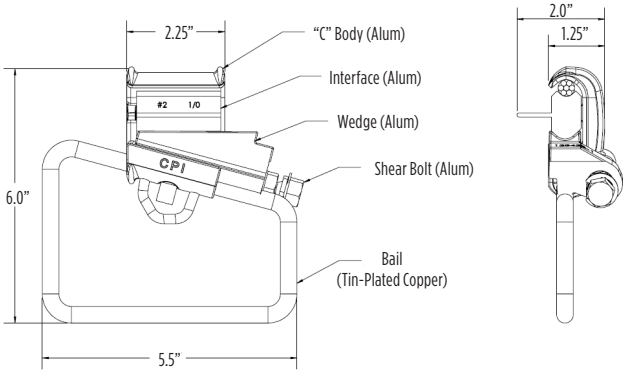
CPI™ Shear Bolt Wedge Stirrups, Aluminum Accommodates #4 - 397.5 AAC

CPI Aluminum Stirrup Connectors are designed for connecting to aluminum or copper conductors. Stirrups are intended to protect the main line conductor from damage and arcing as hot line clamps are connected and disconnected. During installation, when proper spring tension and torque is achieved, the shear head bolt will break off giving the install a positive indication of a corrected completed connection.



Features and Benefits

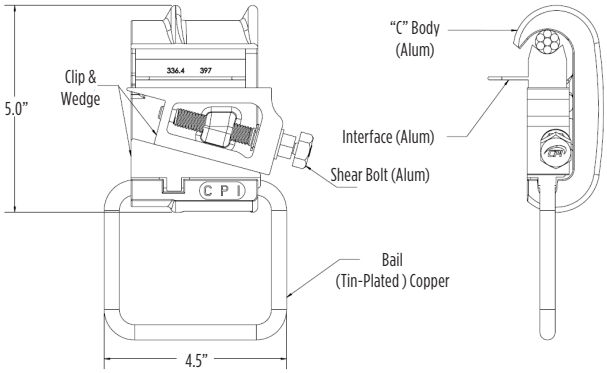
- Easy to remove and re-use without damaging the conductor
- Heavy duty tin plated bail has a large loop to allow for multiple connection positions while also eliminating galvanic reaction
- Easy to install with standard socket or impact wrench, requires no special tools
- Easy adaptable to standard hot stick tools
- High-conductivity grit corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service
- Remains permanently locked through fault current or power surges
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have shoot-on or compression tooling



Catalog Number	Conductor			
	Main	Main Dia. Range	Bail Size	Ampacity
102011-2	#6, #4, #2 AAC	.162" - .292"	#2	400
102011			1/0	550
102011-3			2/0	700
102011-4			4/0	850
102010-2	#2, #1, 1/0	.292" - .398"	#2	400
102010			1/0	550
102010-3			2/0	700
102040			4/0	850
102009-2	2/0, 3/0, 4/0 AAC	.414" - .522"	#2	400
102009			1/0	550
102009-3			2/0	700
102009-4			4/0	850
264124-2	3/0 ACSR, 250, 4/0	.502" - .574"	#2	400
264124			1/0	550
264124-3			2/0	700
264424			4/0	850
336915-2	226.8, 300, 336.4, 397.5 AAC	.586" - .724"	#2	400
336915-1			1/0	550
336915-3			2/0	700
336915-4			4/0	850

CPI™ Shear Bolt Wedge Stirrups, Aluminum Accommodates 226.8 ACSR 30/7 - 1272 AAC

CPI Aluminum Stirrup Connectors are designed for connecting to aluminum or copper conductors. Stirrups are intended to protect the main line conductor from damage and arcing as hot line clamps are connected and disconnected. During installation, when proper spring tension and torque is achieved, the shear head bolt will break off giving the install a positive indication of a corrected completed connection.



Features and Benefits

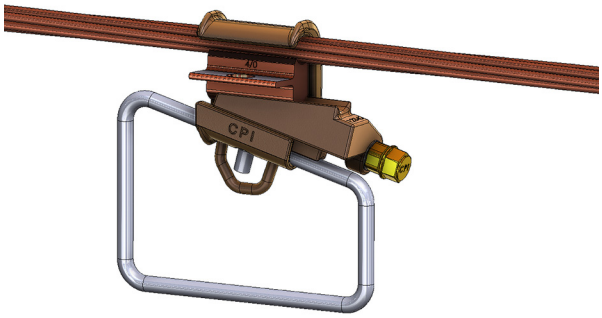
- Easy to remove and re-use without damaging the conductor
- Heavy duty tin plated bail has a large loop to allow for multiple connection positions while also eliminating galvanic reaction
- Easy to install with standard socket or impact wrench, requires no special tools
- Easy adaptable to standard hot stick tools
- High-conductivity grit corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service
- Remains permanently locked through fault current or power surges
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration where outside crews might not have shoot-on or compression tooling

Catalog Number	Conductor			
	Main	Main Dia. Range	Bail Size	Ampacity
336781	226.8 ACSR 30/7, 336.4, 397.5 AAC, 397.5 ACSR 18/1	.642" - .743"	1/0	550
336875			2/0	700
336780			4/0	850
556581	450, 397.5 ACSR, 477, 500, 556.5 AAC, 556.5 ACSR 18/1	.769" - .883"	1/0	550
556580			2/0	700
556595			4/0	850
636551	477 ACSR 26/7, 30/7, 556.6, 600, 636, 605, 715 AAC	.856" - .991"	1/0	550
636556			2/0	700
636556-1			4/0	850
795501	636 ACSR, 750, 666.6, 715, 795, 900	.990" - 1.108"	1/0	550
795500			2/0	700
795405			4/0	850
103228	715.5 ACSR, 795 ACSR, 900, 954, 1113 AAC, 1000	1.036" - 1.162"	2/0	700
103228-1			4/0	850
119375	954, 1113, 900 ACSR, 1033.5, 1113, 1272 AAC	1.124" - 1.302	2/0	700
119375-1			4/0	850

Bolted Wedge Stirrups - Copper

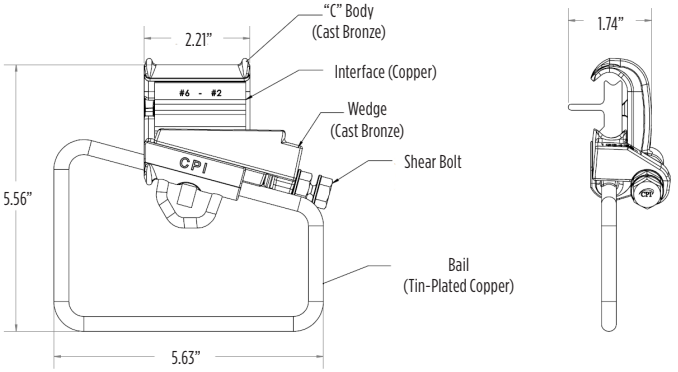
CPI™ Shear Bolt Wedge Stirrups, Copper Accommodates #6 - 350 kcmil

CPI Copper Stirrup Connectors are designed for connecting to copper conductors. Stirrups are intended to protect the main line conductor from damage and arcing as hot line clamps are connected and disconnected. During installation, when proper spring tension and torque is achieved, the shear head bolt will break off giving the install a positive indication of a corrected completed connection.



Features and Benefits

- Easy to remove and re-use without damaging the conductor
- Heavy duty tin plated bail has a large loop to allow for multiple connection positions while also eliminating galvanic reaction
- Easy to install with standard socket or impact wrench, requires no special tools
- Easy adaptable to standard hot stick tools
- Remains permanently locked through fault current or power surges
- Excellent option for emergency restoration where outside crews might not have shoot-on or compression tooling

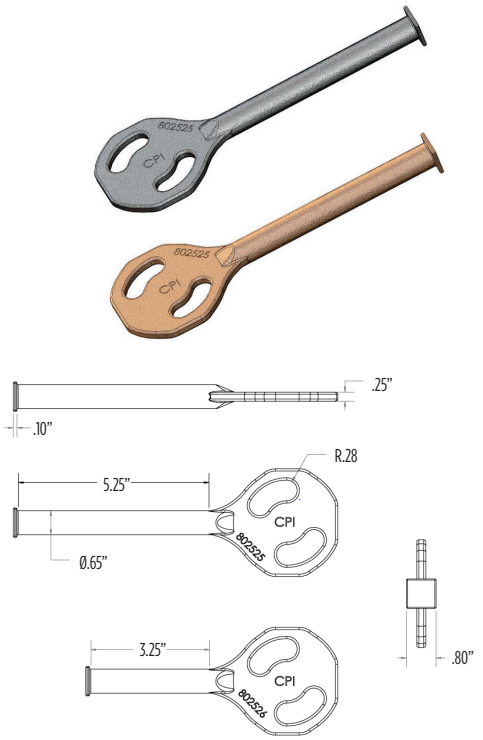


Catalog Number	Conductor			
	Main	Main Dia. Range	Bail Size	Ampacity
102012-2C	#6 Cu - #4 Cu	.162" - .232"	#2	400
102012C			1/0	550
102012-3C			2/0	700
102012-4C			4/0	850
102011-2C	#4 Cu - #2 Cu	.232" - .292"	#2	400
102011C			1/0	550
102011-3C			2/0	700
102011-4C			4/0	850
102010-2C	#2 Cu - 1/0 Cu	.292" - .368"	#2	400
102010C			1/0	550
102010-3C			2/0	700
102040C			4/0	850
102009-2C	2/0 Cu 7 Str - 4/0 Cu	.414" - .528"	#2	400
102009C			1/0	550
102009-3C			2/0	700
102009-4C			4/0	850
264124-2C	4/0 Cu 7 Str - 250 Cu 19 Str	.522" - .574"	#2	400
264124C			1/0	550
264124-3C			2/0	700
264424C			4/0	850
336915-2C	250 Cu - 350 Cu	.574" - .679"	#2	400
336915-1C			1/0	550
336915-3C			2/0	700
336915-4C			4/0	850

CPI™ Cast Paddle Stirrups Available in Bronze, or Tin-Plated Bronze

CPI Paddle Stirrups are designed to easily attach hot line clamps or grounding clamps onto various system components. Stirrups are used to protect the main conductor as hot line or grounidng clamps are installed and removed. Typical aplications are to connect hot line taps, lightning arrestors, re-closer connections and pigtails.

Special applications can include installation on equipment such as cut-outs, riser pole disconnect switches and pad-mounted switch gear for safe grounding and maintenance purposes.



Features and Benefits

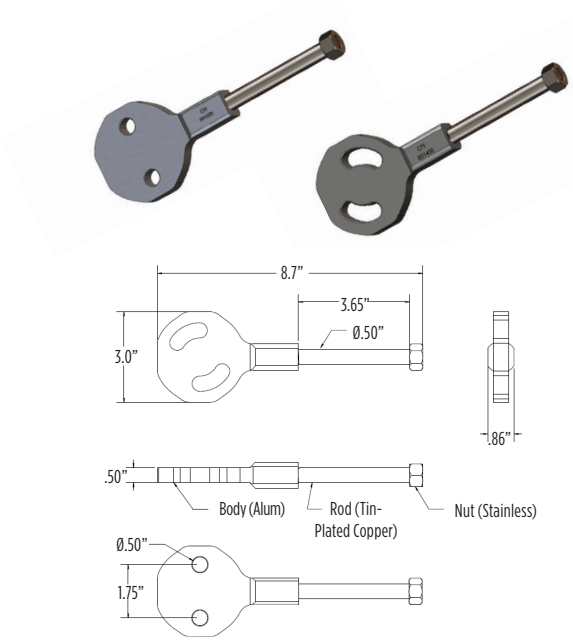
- CPI Paddle Stirrups are available in longer lengths than traditional versions allowing for multiple connection points on one unit
- Multiple lengths available, contact the factory for availability
- Slotted holes allow connection to terminals or spaces with standard NEMA spacing

Catalog Number	Material	Handle Length
802525	Bronze	5.25"
802525T	Tin-Plated Bronze	
802526	Bronze	3.25"
802526T	Tin-Plated Bronze	

CPI™ Cast Paddle Stirrups Bi-Metallic Construction

CPI Bi-Metallic Paddle Stirrups are designed to easily attach hot line clamps or grounding clamps onto various system components. Stirrups are used to protect the main conductor as hot line or grounidng clamps are installed and removed. Typical aplications are to connect hot line taps, lightning arrestors, re-closer connections and pigtails. Special applications can include installation on equipment such as cut-outs, riser pole disconnect switches and pad-mounted switch gear for safe grounding and maintenance purposes.

Bi-Metallic construction allows connection between aluminum system components and bronze hot line clamps while preventing galvanic reaction.



Features and Benefits

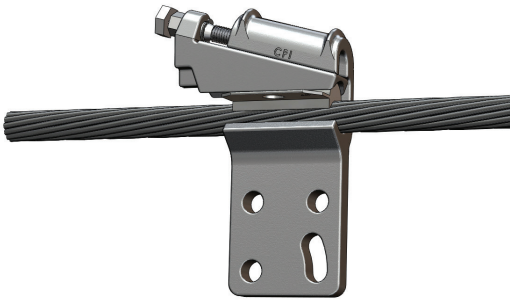
- Bi-Metallic construction allows connection between aluminum system components and bronze hot line clamps while preventing galvanic reaction
- The stirrup is fault current rated at 10K amps for a 2-second duration
- Standard or slotted hole configuration allows connection to terminals or spades with standard NEMA spacing
- Fully CNC machined from EC grade aluminum and pure 110% copper for maximum conductivity
- Copper rod is tin-plated and coated with corrosion inhibitor before it is threaded and crimped into the aluminum body

Catalog Number	Material	Pad Configuration	Handle Length
801450	Bi-Metallic	Standard	3.65"
801450S		Slotted	

Bolted Wedge Aluminum Pad Tap Connectors

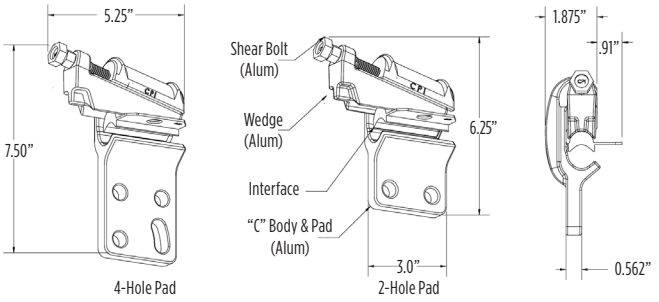
CPI™ Shear Bolt Wedge Pad Tap Connectors Accommodates #2 - 1590 AAC 61

CPI Aluminum Pad Tap Connectors connect aluminum or copper conductor to a variety of 2- or 4-hole NEMA devices. Perfect for use in mounting sectionalizing switches, to connect compression lugs for risers or many different uses in substations. Pad Tap Connectors are extremely beneficial in applications that may need to be disconnected.



Features and Benefits

- Easy to remove and re-use without damaging the conductor
- Available in NEMA standard 2- or 4-hole patterns
- Industry-proven wedge technology for quick and easy installation without the need for special tools
- Easily adaptable to standard hotstick tools
- High-conductivity grit corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service
- Meets or exceeds the current carrying capacity of the conductors being connected
- Remains permanently locked through fault current or power surges
- May be used in non-corrosive environments to connect copper conductors
- Excellent option for emergency restoration applications where outside crews might not have shoot-on or compression tooling

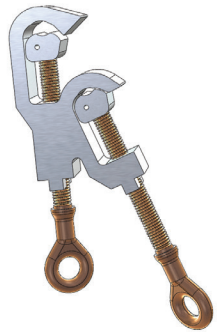


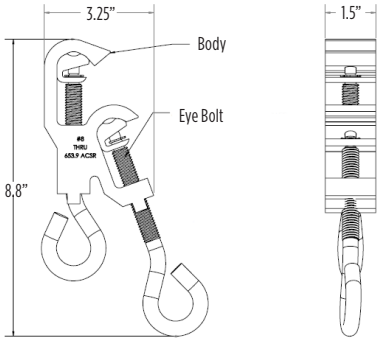
Catalog Number	Pad Hole Configuration	Conductor	
		Main	Main Dia. Range
723210	4 Hole	#2, 1/0, 2/0 AAC	.292" - .414"
723210-1	2 Hole		
723003	4 Hole	1/0, 2/0, 3/0, 4/0 AAC	.368" - .522"
723003-1	2 Hole		
723004	4 Hole	4/0, 250, 266.8, 300, 350, 336.4 AAC, 336.4 ACSR 18/1 & 26/7	.522" - .720"
723004-1	2 Hole		
723005	4 Hole	336.4 ACSR 30/7, 397.5, 450, 477, 500, 556.5 AAC, 556.5 ACSR 18/1 & 24/7, 636 AAC	.720" - .918"
723005-1	2 Hole		
723006	4 Hole	556.5 ACSR 26 & 30/7, 605, 715, 750, 636, 666.6, 795, 900, 954 AAC	.918" - 1.125"
723006-1	2 Hole		
723007	4 Hole	954, 1000 kcmil, 1033 AAC	1.125" - 1.196"
723007-1	2 Hole		
723008	4 Hole	1033 ACSR, 1192 AAC, 1272 AAC	1.216" - 1.302"
723008-1	2 Hole		
723009	4 Hole	1590 AAC 61	1.454"
723009-1	2 Hole		

Bolted Wedge Piggy-Back Clamps - Aluminum

CPI™ Piggy-Back Clamp #8 - 653.9 ACSR

CPI Aluminum Piggy-Back Clamps are designed to temporarily hold the tap conductor in position with the main conductor while a permanent connection is made elsewhere. This versatile temporary clamp assist the Lineman with with the installation of many types of tap connectors, especially in Hot-Stick applications.





Features and Benefits

- Easy to remove and re-use without damaging the conductor
- Main Line can be held in either jaw
- **Temporary Connection Only**, not intended as a permanent connector
- Accommodates wire sizes #8 - 653.9 ACSR
- Aluminum body with stainless steel eye bolt

Catalog Number	For connectors that accommodate wires
	Nominal Wire Range
6002248	#8 - 653.9 ACSR

Bolted Wedge Hotline Tap Connectors - Straight

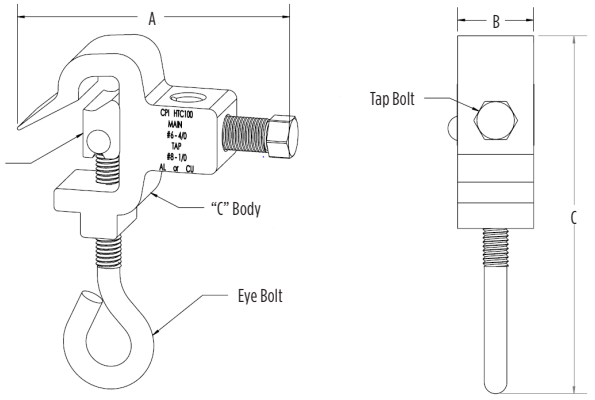
CPI™ Hotline Tap Connectors HTC Straight Series; #6 Cu - 954 AAC

CPI Hotline Tap Connectors, HTC Straight Series, are deisgned for use as a permanent or temporary connection on aluminum or copper wire. Featuring the wedge principal, the HTC Series tap connectors maximize connecting force on the conductor with a self-maintaining spring wedge connection.

The elastic spring connecting force created by the connector ensure the HTC connector will stay tight during service by overcoming issues with heat cycling.

Features and Benefits

- Full-current rated connector for use an in-line jumper or a device tap
- Increased conductive path and surface contact area between the main and tap line increases current ampacity rating
- Can be installed directly to the main with no need for bail or stirrup
- Stainless steel eye bolt increases strength and corrosion resistance
- High-conductivity grit type corrosion inhibitor is factory applied for ease of installation and longevity while connector is in service
- Remains permanently locked through fualt current or power surges
- Horizontal wedge action prevents the conductor from “sticking” during the removal process
- Easy to remove without damaging cable



Catalog Number	Conductor				Dimensions		
	Main	Main Dia. Range	Tap	Tap Dia. Range	A	B	C
HTC100	#6 Cu - 4/0	.162” - .563”	#8 - 1/0	.128” - .398”	3.5”	1.125”	5.0”
HTC100-4			#8 - 4/0	.128” - .563”			
HTC200	2/0 - 556.5 AAC	.414” - .858”	#8 - 2/0	.128” - .447”	4.14”	1.5”	6.5”
HTC200-4			#8 - 4/0	.128” - .563”			
HTC300	4/0 - 954 AAC	.522” - 1.125”	#8 - 4/0	.128” - .563”	5.125”	1.75”	7.5”

Available options:

Add suffix “R” to add full radius edges for transmission applications

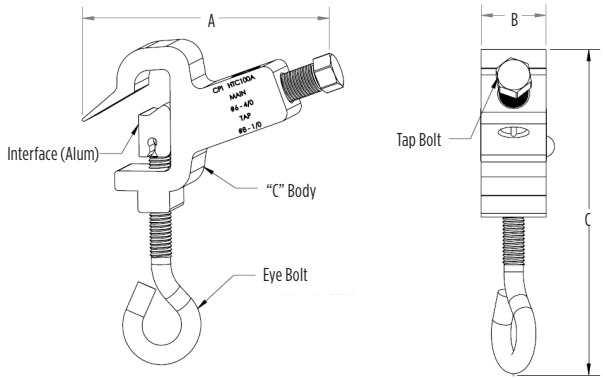
Add suffix “E” to replace tap bolt with 1/2” eyebolt

Add suffix “T” for Tin Plating

Bolted Wedge Hotline Tap Connectors - Angled

CPI™ Bolted Wedge Hotline Tap Connectors HTC Angled Series; #6 - 954 ACSR

CPI Hotline Tap Connectors, HTC Angled Series, are deisgned for use as a permanent or temporary connection on aluminum or copper wire. Featuring the wedge principal, the HTC Series tap connectors maximize connecting force on the conductor with a self-maintaining spring wedge connection. Angled tap side allows extra clearance of the tap conductor when using a shotgun stick.



Features and Benefits

- Angled tap side allows extra clearance of the tap conductor when using a shotgun stick
- Full-current rated connector for use an in-line jumper or a device tap
- Increased conductive path and surface contact area between the main and tap line increases current ampacity rating
- Can be installed directly to the main with no need for bail or stirrup
- Stainless steel eye bolt increases strength and corrosion resistance
- High-conductivity grit type corrosion inhibitor is factory applied for ease of installation and longevity while connector is in service
- Remains permanently locked through fualt current or power surges
- Horizontal wedge action prevents the conductor from "sticking" during the removal process
- Easy to remove without damaging cable

Catalog Number	Conductor				Dimensions		
	Main	Main Dia. Range	Tap	Tap Dia. Range	A	B	C
HTC100A	#6 - 4/0	.162" - .563"	#8 - 1/0	.128" - .398"	4.4"	1.125"	5.85"
HTC100-4A			#8 - 4/0	.128" - .563"			
HTC200A	2/0 - 556.5 AAC	.414" - .858"	#8 - 2/0	.128" - .447"	5"	1.5"	8"
HTC200-4A			#8 - 4/0	.128" - .563"			
HTC212A	#6 - 636 AAC	.162" - .905"	#8 - 266.8 AAC	.128" - .593"			
HTC300A	4/0 - 954 AAC	.522" - 1.125"	#8 - 4/0	.128" - .563"	7"	1.75"	8.8"
HTC350A	477 AAC - 954 ACSR	.792" - 1.196"	#8 - 4/0	.128" - .563"			

Available options:

Add suffix "E" to replace tap bolt with 1/2" eyebolt

Add suffix "T" for Tin Plating

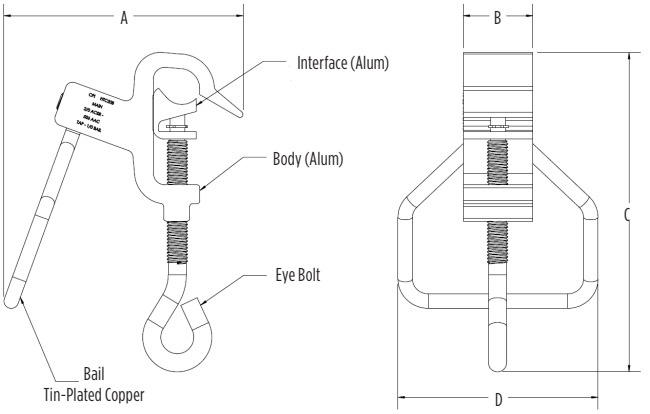
Bolted Wedge Hotline Bail Connectors

CPI™ Hotline Tap Bail Connectors HTC B Series; #6 Cu - 954 AAC

CPI Hotline Tap Bail Connectors (HTC B Series), are deisgned for connecting to aluminum or copper conductors. Stirrups are intended to protect the mail line conductor from damage and arcing as Hot Line Clamps are connected and disconnected.

Features and Benefits

- Incorporates stainless steel eye bolt for increased strength and corrosion resistance
- Copper bail is Tin Plated to prevent galvanic reaction between dissimilar metals
- The bail is locked into the connector using threaded set screws preventing excessive deformation while maximizing surface contact area for maximum conductivity
- High conductivity grit type corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service
- Reamins permanently locked through fault current or power surges
- Horizontal wedge action prevents the conductor from "sticking" during the removal process
- Easy to remove without damaging cables

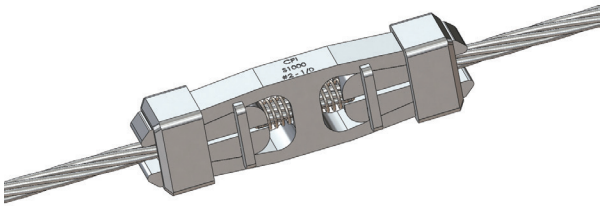


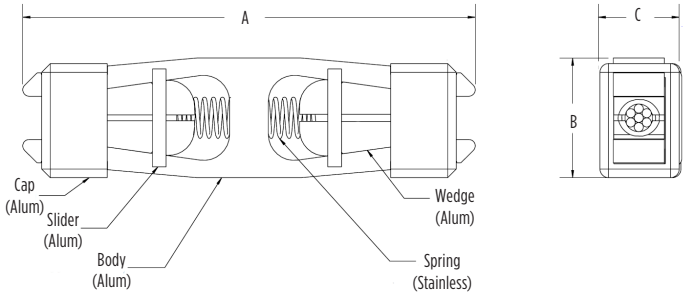
Catalog Number	Conductor				Dimensions			
	Main	Main Dia. Range	Bail Size	Ampacity	A	B	C	D
HTC10B	#6 Cu - 4/0	.162" - .563"	#2	400	4"	1.125"	5.5"	3.75"
HTC11B			#1	465				
HTC20B	1/0 - 556.5 AAC	.398" - .858"	1/0	550	5"	1.5"	6.5"	4.312"
HTC30B	4/0 - 954 AAC	.522" - 1.125"	1/0	550	5.375"	1.75	7.25"	4.312"
HTC32B			2/0	640				

CPI™ Automatic Splice Connectors Accommodates #6 AAC - 556.5 AAC

CPI Automatic Splice Connectors are designed as a permanent or temporary connection on AAC, ACSR, or AAAC conductor in full or partial tension applications. The unique open design helps overcome the two most common reasons for splice failure: improper installation and corrosion. The window allows the installer to see when the wire is fully inserted properly and prevents water and other contamination from building up inside the connector.

The splice is made of the finest aluminum alloys for optimal conductivity and corosion resistance.





Features and Benefits

- Only automatic splice available where you can see that the wire is fully inserted and installed properly
- No need to mark and measure the depth of cable insertion
- Open design helps prevent corrosion by allowing water and contamination to drain
- Stainless steel springs resist corrosion
- Tested to ANSI C119.4 specification*
- Minimum 5% tension needed to maintain electrical connection
- Positive center stop for conductor
- Minmal distance lost when sagging conductor
- Chamfered wedge aids cable insertion
- 4:1 surface area vs. cable for optimal conductivity
- Slider handle allows the splice to be released if needed
- Individually packaged in sealed plastic bags to prevent contamination before use

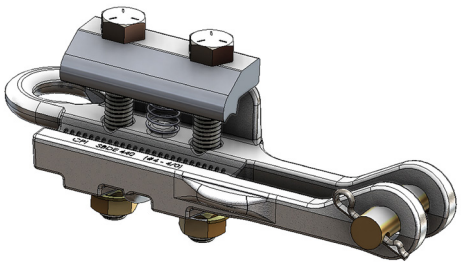
**Contact BURNDY Product Management for product performance data*

Catalog Number	Conductor		Dimensions		
	Main	Main Dia. Range	A	B	C
S500	#6 AAC/ACSR/AAAC #4 AAC/ACSR/AAAC	.184" - .257"	6.500"	1.75"	1.25"
S750	#4 ACSR/AAC/AAAC #2AAC/ACSR/AAAC	.250" - .316"			
S1000	#2 AAC/ACSR/AAAC 1/0 AAC/ACSR/AAAC 2/0 AAC	.292" - .414"			
S1500	2/0	.414" - .447"	.8.625"	2.44"	1.50"
S2000	3/0 AAC/ACSR/AAAC 4/0 AAC/ACSR/AAAC 266.8 AAC	.464" - .586"			
S3000	266.8 ACSR/AAAC 336.4 AAC/ACSR 18/1 AAAC 397.5 AAC/ACSR 18/1	.609" - .743"	12.375"	3.00"	1.94"
S4000	397.5 ACSR 18/1 477 ACSR 26/7 556.5 AAC	.743" - .858"	11.000"	3.00"	1.75"

Bolted Distribution Dead Ends

CPI™ Bolted Distribution Dead Ends Accommodates #4 AAC - 556.5 ACSR

CPI Bolted Distribution Dead Ends are used for distribution or transmission construction to terminate on ACSR, AAC, or AAAC conductors. Unlike traditional U-bolt style units, the CPI Dead End features independent bolts that can be fully tightened without having to alternate between bolts. This prevents the possibility of casting breakage due to offset U-bolt over-tightening. Optional torque control shear-head bolts prevent over-tightening that is common with today's impact wrenches.



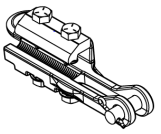


Figure 1

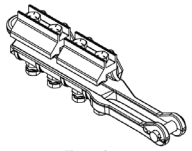
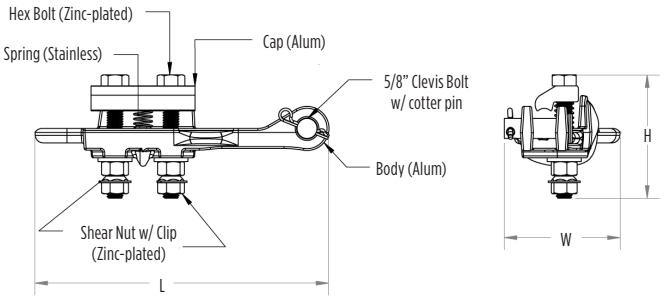


Figure 2

Features and Benefits

- Body is made of heat-treated aluminum alloy
- Captive stainless steel hardware provided
- Pulling eye rated to 6,000 pounds included in assembly
- Side loading for ease of installation
- Spring-loaded design maintains clearance of conductors during installation
- Unique independent bolts prevents casting beakage by allowing full tightening without having to alternate; this time saving feature also eliminates any lineman confusion
- Optional torque control shear-head nuts available



Catalog Number	Figure	Conductor		Dimensions			Ultimate Strength (lbs)	
		Main	Main Dia. Range	L	W	H	Body	Pulling Eye
SBDE410	1	#4 AAC - 1/0 AAC	.232" - .368"	9.25"	3.30"	4.00"	10,000	5,500
SBDE440	1	#4 AAC - 4/0 ACSR	.232" - .563"	9.25"	3.30"	4.00"	10,000	5,500
SBDE556.5-2	2	3/0 ACSR - 556.5 ACSR	.502" - .888"	14.75"	3.55"	4.25"	12,500	8,500

Available options:

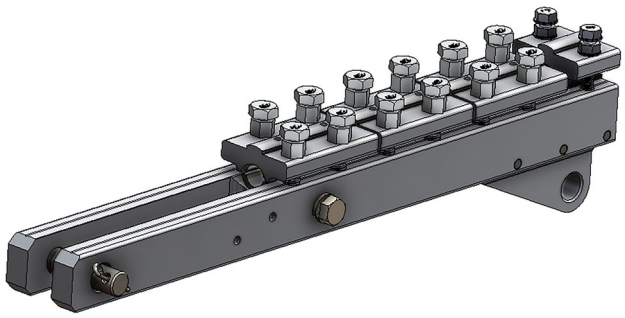
Add suffix "S" for Shear Nuts

Add suffix "T" for Tin Plating

Example: *SBDE556.5-2S*

CPI™ OPGW Bolted Dead Ends Accommodates .354" - .750"

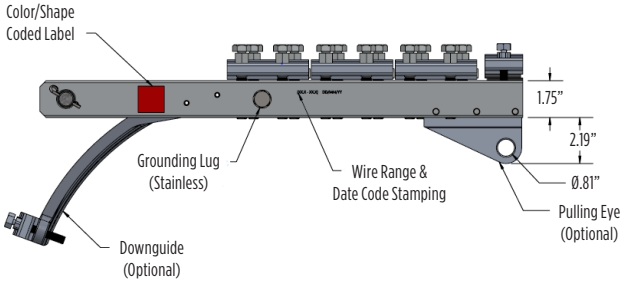
CPI Optical Grounding Wire Spans (OPGW) Bolted Dead Engds are designed as a full tension termination. The patented Left and Right Hand gripper design allows the dead end to hold 95% of the cable's RBS (Rated Breaking Strength). Break-Away shear head bolts are used to ensure the proper gripping force is applied to the cable without attenuating the fibers and optical performance.

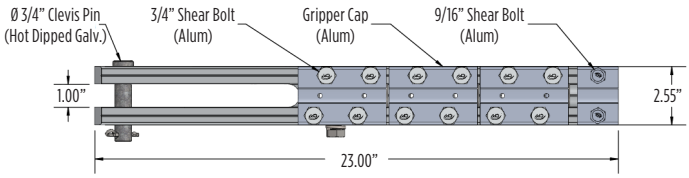


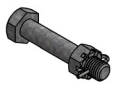
Please provide cable specification sheet when ordering.

Features and Benefits

- Rubber grommets suppress Aeolian vibration fatigue at the cable exit point
- Compact length allows for complete installation from the structure
- Shear Head bolts ensure proper torquing necessary to achieve maximum holding strength without damaging the fibers
- Optional Cable Down Guide helps to train the cable down or around the structure without exceeding the minimum bend radius of the cable
- Shorter and easier to install than formed wire dead ends allowing installation directly from the tower
- Standard drilled and tapped grounding lug attachment point eliminates the need for additional bonding accessories
- Unique cable gripper insert system greatly reduces manufacturing lead times - most sizes are typically available in stock directly from the factory
- Design Criteria:
  - Sustained load, 95% of cable RBS
  - Ultimate Mechanical Strength 35,000 lbs
  - Cable Diameter Range .350" - .750"
- Dead ends for larger cable may be available, please contact the factory







Bolted Nut Clevis (BN)
Hot Dip Galvanized (Optional)
Stainless Steel Also Available

Catalog Number	Dia. Range (mm)		Dia. Range (in)		Label (per wire size)	
	Min	Max	Min	Max	Color	Shape
OBDE8.98-9.75	8.98	9.75	0.354	0.384	White	Circle
OBDE9.75-10.7	9.75	10.7	0.384	0.422	Teal	S
OBDE10.7-11.5	10.7	11.5	0.422	0.453	Light Green	Heart
OBDE11.5-12.7	11.5	12.7	0.453	0.500	Dark Green	Triangle
OBDE12.7-13.7	12.7	13.7	0.500	0.540	Yellow	X
OBDE13.7-14.3	13.7	14.3	0.540	0.563	Black	#
OBDE14.3-14.8	14.3	14.8	0.563	0.583	Red	Square
OBDE14.8-15.5	14.8	15.5	0.583	0.611	Dark Blue	D
OBDE15.5-16.2	15.5	16.2	0.611	0.638	Orange	A
OBDE16.2-17.0	16.2	17.0	0.638	0.670	Brown	M
OBDE17.0-17.9	17.0	17.9	0.670	0.705	Pink	Star
OBDE17.9-19.0	17.9	19.0	0.705	0.750	Grey	P

Available options:

Add suffix "DG" for the Downguide Option

Add suffix "BN" for the Bolt Nut Clevis Option

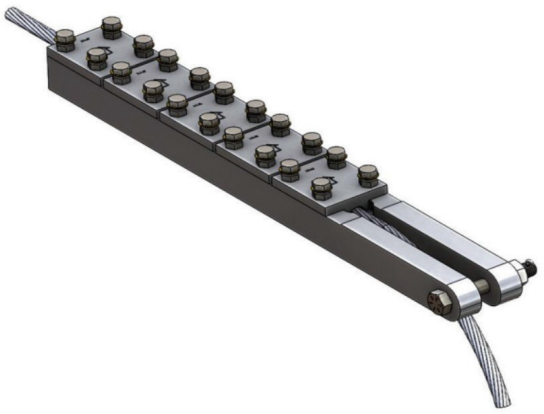
Add suffix "PE" for Pulling Eye Option

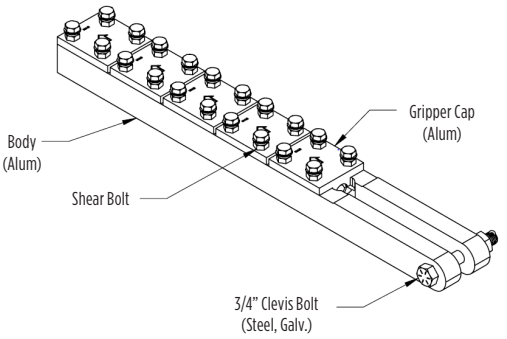
XL OPGW Bolted Dead Ends

CPI™ XL OPGW Bolted Dead Ends Accommodates .583" - .871"

CPI Extra Large (XL) Optical Grounding Wire Spans (OPGW) Bolted Dead Engds are designed as a full tension termination. The patented Left and Right Hand gripper design allows the dead end to hold 95% of the cable's RBS (Rated Breaking Strength). Break-Away shear head bolts are used to ensure the proper gripping force is applied to the cable without attenuating the fibers and optical performance.

Please provide cable specification sheet when ordering.

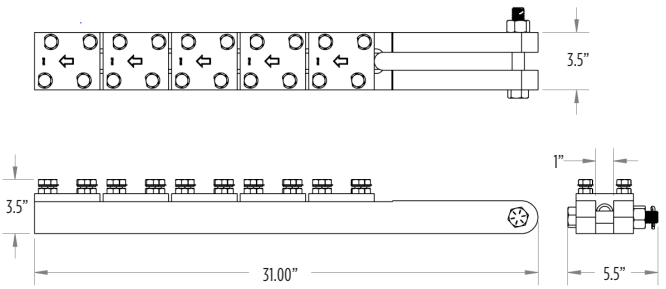




Features and Benefits

- Compact length allows for complete installation from the structure
- Shear Head bolts ensure proper torquing necessary to achieve maximum holding strength without damaging the fibers
- Shorter and easier to install than formed wire dead ends allowing installation directly from the tower
- Design Criteria:
  - Sustained load, 95% of cable RBS
  - Ultimate Mechanical Strength 60,000 lbs
  - Cable Diameter Range .625" - 1.125" overall diameter
- Must be used in conjunction with the CPI Grounding Jumpers
- All OBDE-XL Bolted Dead Ends are supplied with a clevis bolt, hex nut, and cotter pin

Catalog Number	Dia. Range (mm)		Dia. Range (in)	
	Min	Max	Min	Max
OBDE-XL-14.8-15.5	14.8	15.5	0.583	0.611
OBDE-XL-15.5-16.2	15.5	16.2	0.611	0.638
OBDE-XL-16.2-17.0	16.2	17.0	0.638	0.670
OBDE-XL-17.0-17.9	17.0	17.9	0.670	0.705
OBDE-XL-17.9-19.0	17.9	19.0	0.705	0.749
OBDE-XL-19.0-21.1	19.0	21.1	0.749	0.831
OBDE-XL-21.1-22.1	21.1	22.1	0.831	0.871



Available options:

Add suffix "DG" for the Downguide Option

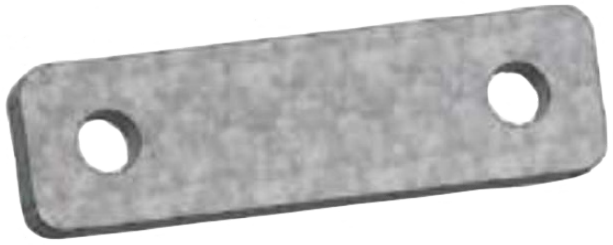
Add suffix "BN" for the Bolt Nut Clevis Option

Add suffix "PE" for Pulling Eye Option

OPGW Bolted Dead End Extension Links

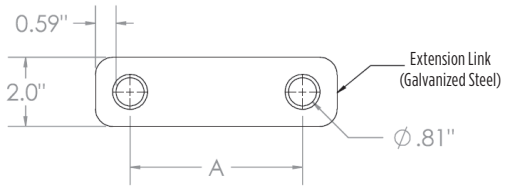
CPI Extension Links are used to attach and maintain proper tower clearance for OPGW Dead Ends or other hardware within a transmission assembly.

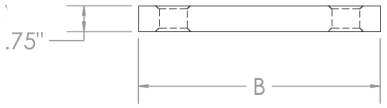
CPI Extension Links are available in a variety of standard and custom sizes at reduced delivery times.



Catalog Number	Dim A	Dim B	Weight
OEXL 5	5”	7”	2.4 lbs
OEXL 10	10”	12”	4.4 lbs
OEXL 15	15”	15”	6.2 lbs

Please consult the factory for custom sizes.





Tensile Rating: 40,000 Lbs

OPGW Down Lead Clamps

CPI™ OPGW Down Lead Clamps Available in Lattice Tower or Banding Configurations

CPI OPGW Down Lead Clamps are used to attach Optical Ground Wire (OPGW) to the Tower or Pole as it is guided to and from the splice box.

Features and Benefits

- Will not damage or attenuate optical fibers
- Wide conductor range taking ability
- Only three part numbers are needed to accommodate wires ranging from .25"-1.00"
- Available for both banding and lattice tower applications
- Use of banding adaptors eliminates the need for drilling into steel poles
- Lattice tower adaptors cover the full range of tower steel thickness with only one part number
- Eliminates the need for multiple stock codes
- The torque control shear head bolt prevents over-tightening
- A guide pin prevents installation errors and protects the OPGW by lining up the top bottom of the clamp as it is tightened
- Lattice tower configurations contain a device that prevents rotation, this facilitates one handed installation and locks the clamp to the tower attachment
- Unique design allows for reduced manufacturing delivery times

Lattice Tower Configuration (figure 1)

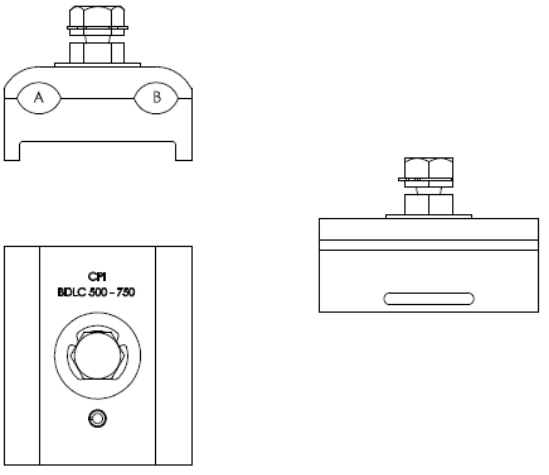
Lattice Tower Configuration

Catalog Number	Figure	Wire Diameter Range (in)	Tower Steel Thickness (in)
LTDLC250-500	1	.250-.500	.25-1.25
LTDLC500-750	1	.500-.750	
LTDLC750-100	1	.750-1.000	

Banding Configuration

Catalog Number	Figure	Wire Dia. Range (in)	
		Groove A	Groove B
BDLC250-500	2	.250-.500	.250-.500
BLDC500-750	2	.500-.750	.500-.750
BLDC750-100	2	.750-1.000	.750-1.000

Please consult the factory for custom sizes.

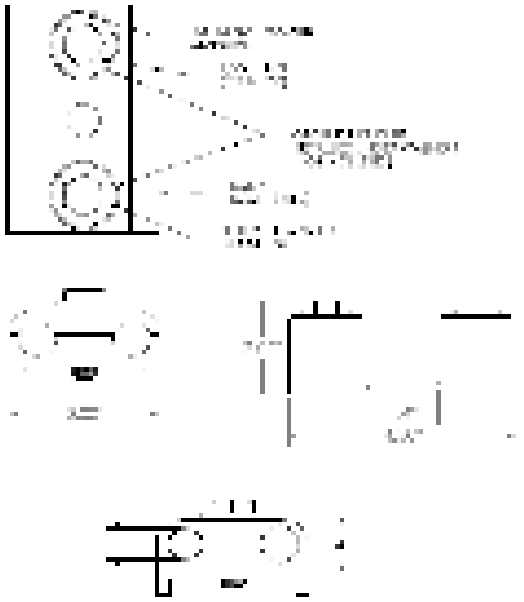


Banding Configuration (figure 2)

OPGW Grounding Down Lead Clamp

CPI™ OPGW Grounding Down Lead Clamp Grounding Point for Both Legs of OPGW

CPI OPGW Grounding Down Lead Clamp is designed to connect OPGW to the pole or structure as it is routed down to the splicebox. The grounding lug can be attached to either bolt point and adds an additional layer of safety by grounding out any voltage that may be picked up through the OPGW as it travels through the phases.



Side A and Side B can be different diameters
Consult factory for OPGW sizes not listed

Features and Benefits

- Offers a grounding point for both legs of OPGW
- Will not cause signal attenuation
- Through hole accepts 5/8" bolt for direct attachment to Wood or Steel Poles
- Side slots accept band up to 1-1/2"
- Exclusive high-conductivity grit type corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service
- Constructed of the finest quality aluminum alloy for optimal conductivity
- Stainless Steel hardware for corrosion resistance
- Short manufacturing lead times allow most sizes to be available In-Stock directly from the factory

Notes:

Lattice tower attachments are available upon request

Please provide Cable Outside Diameter when ordering

Customer to supply grounding wire termination lug

Side A and Side B can be different diameters

Catalog Number	OPGW Diameter	
	Side A	Side B
OGDLC .504	.504"	.504"
OGDLC .551	.551"	.551"
OGDLC .638	.638"	.638"
OGDLC .676	.676"	.676"
OGDLC .709	.709"	.709"

Please consult the factory for sizes not listed here.

Universal Downlead Cushion

CPI™ Universal Downlead Cushion Attaches OPGW or ADSS cable to tower, pole, structure

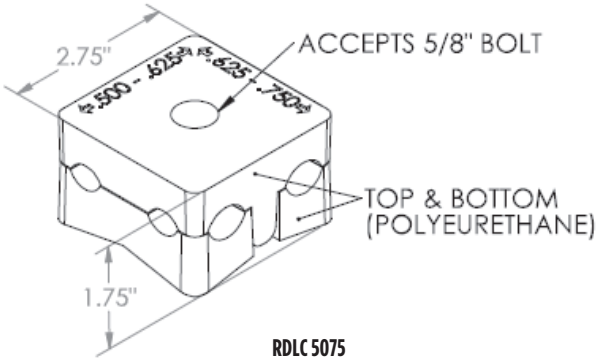
The Universal Downlead Cushion developed by Connector Products, Inc., is designed to attach Optical Ground Wire (OPGW) or ADSS cable to the tower, pole or structure as it is guided to and from the splice box.

Features and Benefits

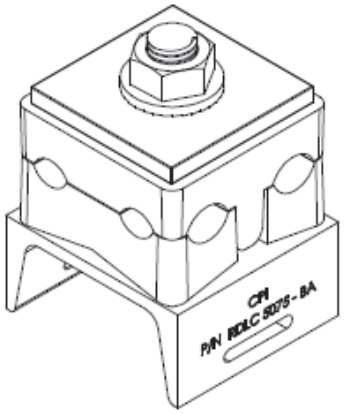
- Multiple channels to accept most sizes of OPGW or ADSS conductor, cutting down on stock codes and inventory required
- Molded in Urethane to create a weather resistant clamp that is extremely durable yet flexible to accommodate ADSS cable
- Will not damge or attenuate the fibers
- A unique "key" in the mollded design is provided to ensure correct channels are used
- Clearly marked ranges on both the outside of the clamp as well as in the channels where the conductor lays
- Through hole molded to accept standard 5/8" mounting hardware
- Optional mounting hardware shown and available upon request

Please consult the factory for custom sizes.

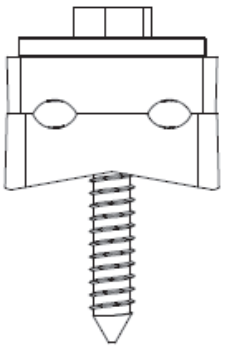
Catalog Number	Range	
	Side A	Side B
RDLC 5075	.500"-.625"	.625"-.750"
RDLC 5075-BA		
RDLC 5075-LT		
RDLC 5075-LB		



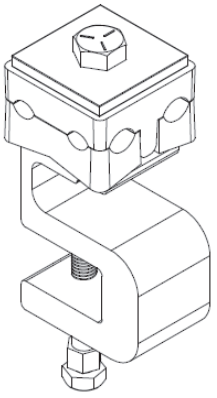
RDLC 5075



Banding Adaptor
RDLC 5075-BA
Hardware includes:
Square Washer
Bolt
Flange Hex Nut



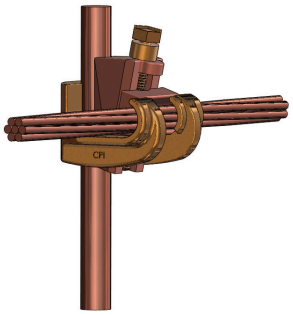
Lag Bolt
RDLC 5075-LB
Hardware includes:
Square Washer
Lag Bolt

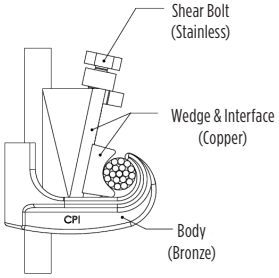


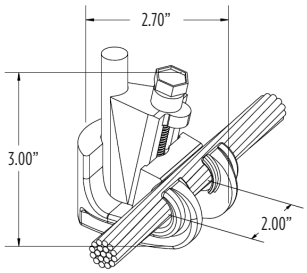
Lattice Tower Adaptor
RDLC 5075-LT
Hardware includes:
Tower Adaptor
Shear Bolt
Square Washer
Bolt

CPI™ Ground Grid Connectors Accommodates .232” - .681” Diameter Range (Vertical) .184” - .575” Diameter Range (Horizontal)

CPI Ground Grid Connectors are a safe, fast, and dependable method of making permanent wire-to-wire and wire-to-rod connections for a variety of grounding applications. Using a special shear-head bolt to drive a wedge into the connector activates the connector. When the proper torque and spring tension is achieved, the bolt head shears off, giving the installer a positive indication of an optimum connection.







Features and Benefits

- No special molds, chemicals, tools, dies or fired-on charges necessary for installation; installed with a common socket, impact or ratchet wrench
- No temperature or weather restrictions for installation; can be installed no matter what environment exists at the job site
- Shear-head bolt ensures consistency of application and positive verification of a completed connection
- Fully tested to IEEE standard 837 for:
  - Mechanical Pullout
  - Electromagnetic Force
  - Current-Temperature Cycling
  - Freeze-Thaw
  - Corrosion-Nitric Acid
  - Fault Current, 35 kA rms. sym. at .02 sec.
  - Thermal Shock and Accelerated Corrosion

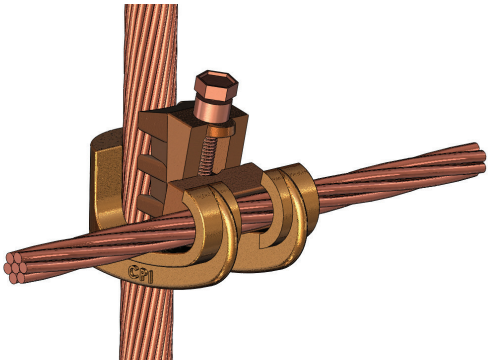
- Typical applications:
  - Substation ground grids
  - Pole grounds transmision line grounding
  - Industrial/Residential service grounds
  - Pad Mount Transformers
  - Telco distribution / CATV grounds
  - Wind Farms

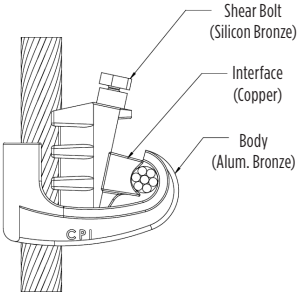
Catalog Number	Conductor			
	Vertical	Vertical Dia. Range	Horizontal	Horizontal Dia. Range
900100	350 kcmil - 3/4” Rod 300 kcmil	.681” - .680” .630”	250 kcmil - 5/8” Rod 4/0 Str	.575” - .556” .522”
	250 kcmil	.575”	250 kcmil	.575”
900101	250 kcmil - 4/0 Str	.575” - .522”	250 kcmil - 5/8” Rod 4/0 Str	.575” - .556” .522”
	250 kcmil	.575”	1/2” Rod	.368”
900102	250 kcmil - 5/8” Rod 4/0 Str	.575” - .556” .522”	2/0 kcmil - 1/0 Str	.419” - .368”
	1/2” Rod	.472”		.368”
900103	2/0 Str - 1/0 Str	.419” - .368”	2/0 Str - 1/0 Str	.419” - .368”
	5/8” Rod - 1/2” Rod 4/0 Str	.556” - .472” .522”	#2 Str	.292”
900104	250 kcmil - 4/0 Str #1 Str	.575” - .522” .328”	#4 Str - #6 Str #1 Str	.232” - .184” .328”
900105	#4 Str = #2 Str	.232” - .282”	#4 Str - #2 Str	.232” - .282”

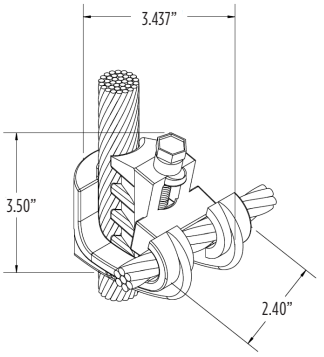
Ground Grid Connectors

CPI™ Ground Grid Connectors Accommodates .679” - .813” Diameter Range (Vertical) .368” - .813” Diameter Range (Horizontal)

CPI Ground Grid Connectors are a safe, fast, and dependable method of making permanent wire-to-wire and wire-to-rod connections for a variety of grounding applications. Using a special shear-head bolt to drive a wedge into the connector activates the connector. When the proper torque and spring tension is achieved, the bolt head shears off, giving the installer a positive indication of an optimum connection.







Features and Benefits

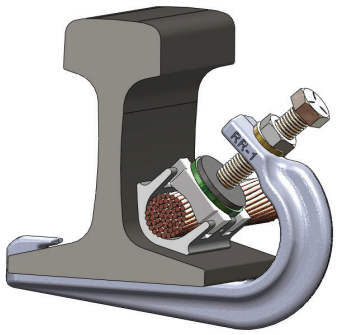
- No special molds, chemicals, tools, dies or fired-on charges necessary for installation; installed with a common socket, impact or ratchet wrench
- No temperature or weather restrictions for installation; can be installed no matter what environment exists at the job site
- Shear-head bolt ensures consistency of application and positive verification of a completed connection
- Fully tested to IEEE standard 837 for:
  - Mechanical Pullout
  - Electromagnetic Force
  - Current-Temperature Cycling
  - Freeze-Thaw
  - Corrosion-Nitric Acid
  - Fault Current, 35 kA rms. sym. at .02 sec.
  - Thermal Shock and Accelerated Corrosion

- Typical applications:
  - Substation ground grids
  - Pole grounds transmision line grounding
  - Industrial/Residential service grounds
  - Pad Mount Transformers
  - Telco distribution / CATV grounds
  - Wind Farms

Catalog Number	Conductor			
	Vertical	Vertical Dia. Range	Horizontal	Horizontal Dia. Range
900200	500 kcmil, 450 kcmil	.813”, .769”	500 kcmil, 450 kcmil	.813”, .769”
	500 kcmil	.813”	400 kcmil	.726”
900201	500 kcmil, 450 kcmil	.813”, .769”	350 kcmil, 300 kcmil, 3/4 Rod	.679”, .629”, .680”
	450 kcmil, 400 kcmil	.769”, .726”	400 kcmil	.726”
900202	500 kcmil, 450 kcmil	.813”, .769”	250 kcmil, 5/8” Rod, 4/0 Str	.574”, .556”, .522”
	350 kcmil	.679”	350 kcmil, 300 kcmil, 3/4 Rod	.679”, .629”, .680”
	400 kcmil	.726”	250 kcmil, 5/8” Rod	.574”, .556”
900203	500 kcmil, 450 kcmil	.813”, .769”	1/0 Str, 2/0 Str	.368”, .419”

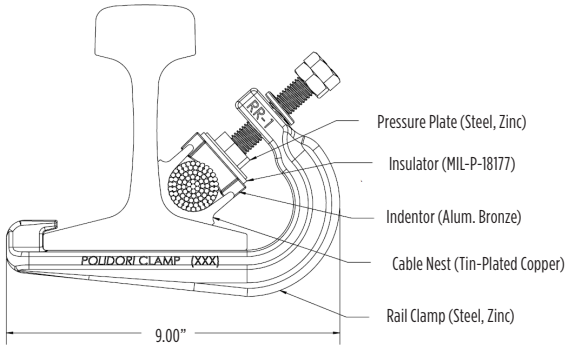
CPI™ Running Rail Connectors Single and Two-Conductor Styles

CPI Running Rail Connectors are designed as a permanent connection for copper conductor to a variety of rails used in Heavy Rail Mass Transit systems. Constructed with a heavy duty aircraft-quality steel spring member, copper cable nest, indentor, hex head bolt and locking nut.



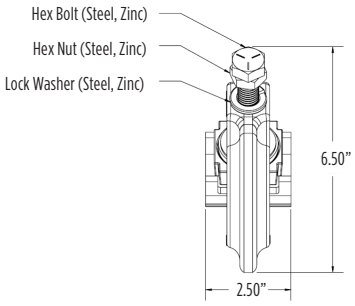
Features and Benefits

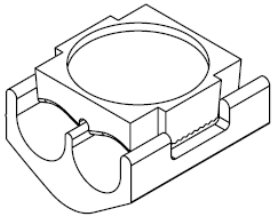
- No drilling in rail or need to weld conductor to the rail!
- Rail is not subjected to warping by excessive heat or to weakening by drilling
- Labor saving, installation time can take as little as 10 minutes per connection
- Fewer rail connections required due to large conductor capacity (Single conductors up to 1000 kcmil; Dual conductors up to 750 kcmil)
- Large conductors can be bent away from the rail after installation without the risk of damaging the connector
- The clamp is an active spring applying a consistent force on the conductor ensuring a positive connection through heat cycling and train vibration
- The J-shaped spring member of the connector helps overcoming loosening issues problems associated with harsh train vibration by flexing rather than breaking; a static-type connection doesn't have this resiliency and could crack under prolonged vibration
- Consistent spring pressure prevents moisture and contamination from seeping into the connection
- All copper components are tin plated and steel components are galvanized



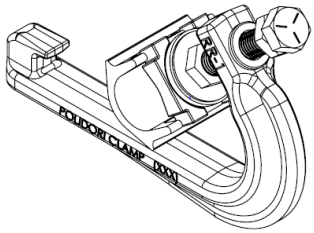
Single Conductor Connectors		
Catalog Number	**Rail Size & Type**	**Conductor Size Range**
85-1000	85 lb ASCE	1000 kcmil
90-1000	90 lb ASCE	1000 kcmil
115-500	115 lb AREMA, 119 lb AREMA	500 kcmil
115-750	115 lb AREMA, 119 lb AREMA	750 kcmil
115-1000A	115 lb AREMA, 119 lb AREMA	1000 kcmil - 1250 kcmil
136-500	136 lb AREMA	500 kcmil
Two Conductor Connectors		
85-2-500	85 lb ASCE	TWO: 250 kcmil - 500 kcmil
90-2-500	90 lb ASCE	TWO: 250 kcmil - 500 kcmil
115-2-500	115 lb AREMA, 119 lb AREMA	TWO: 250 kcmil - 500 kcmil
115-2-750	115 lb AREMA, 119 lb AREMA	TWO: 750 kcmil
136-2-500	136 lb AREMA	TWO: 250 kcmil - 500 kcmil

Contact the factory for any rail or conductor combination not listed





115-2-500 Nest Configuration

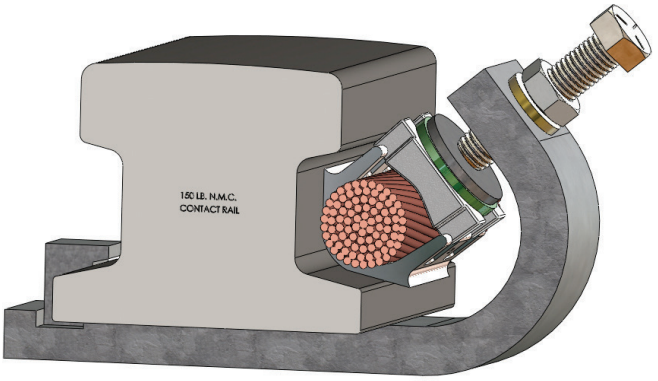


115-1000A Nest Configuration

Contact Rail Connectors

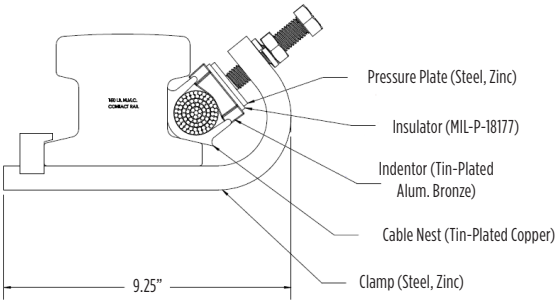
CPI™ Contact Rail Connectors Single and Two-Conductor Styles

CPI Contact Rail Connectors are designed as a permanent connection for copper conductor to a variety of rails used in heavy rail Mass Transit systems. Constructed using a heavy duty aircraft-quality steel spring member, copper cable nest, indentor, hex head bolt and locking nut.

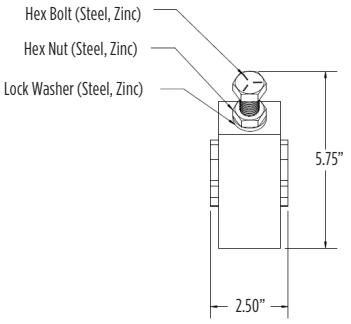


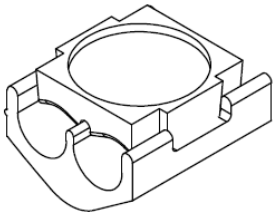
Features and Benefits

- No drilling in rail or need to weld conductor to the rail!
- Rail is not subjected to warping by excessive heat or to weakening by drilling
- Labor saving, installation time is 1/6 man hours
- Fewer rail connections required due to large conductor capacity (Single conductors up to 2000 kcmil; Dual conductors up to 750 kcmil)
- Large conductors can be bent away from the rail after installation without the risk of damaging the connector
- The clamp is an active spring applying a consistent force on the conductor ensuring a positive connection through heat cycling and train vibration
- The J-shaped spring member of the connector helps overcoming loosening issues problems associated with harsh train vibration by flexing rather than breaking; a static-type connection doesn't have this resiliency and could crack under prolonged vibration
- Consistent spring pressure prevents moisture and contamination from seeping into the connection
- All copper components are tin plated and steel components are galvanized

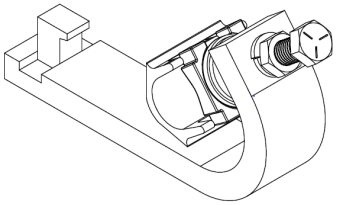


Single Conductor Connectors		
Catalog Number	**Rail Size & Type**	**Conductor Size Range**
150-1000	150 lb NMC	1000 kcmil
150-2000	150 lb NMC	2000 kcmil
Two Conductor Connectors		
150-2-500	150 lb NMC	TWO: 250 kcmil - 500 kcmil





150-2-500 Nest Configuration

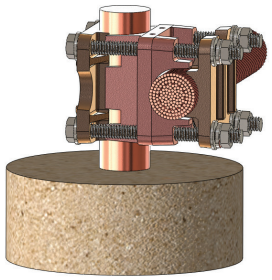


150-1000 Nest Configuration

2000 kcmil Cathode Connector; Cover

CPI™ 2000 kcmil Cathode Connector "Pot Head" Connector

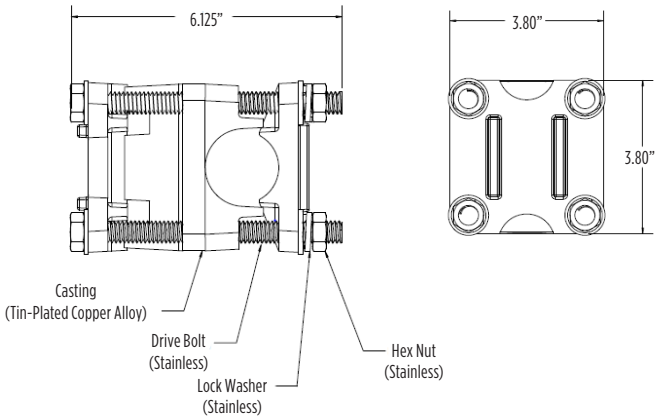
CPI Cathode Connector (also know as "Pot Head" connector is designed to connect a single 2000 kcmil conductor from the main feeder directly to the Third Rail. Used in conjunction with the CPI Contact Rail Clamp, a Pot Head connector can replace the need for having 4 separate 500 kcmil connections with one single 2000 kcmil connection.

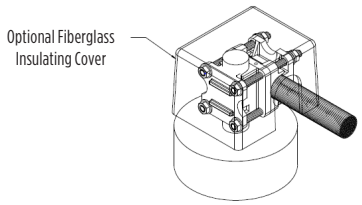


Features and Benefits

- Constructed of high conductivity copper
- The assembly comes standard with a tin-plated finish (image shows unplated)
- Incorporates the use of stainless steel hardware for increased strength and corosion resistance
- Optional molded fiberglass cover is also available
- Simple 4-bolt installation
- Eliminates the need for any welding
- Recommended for use with the CPI 2000 kcmil Contact Rail Connector

Catalog Number	Description
22000	2000 kcmil Cathode Connector
750336	Fiberglass Insulated Cover

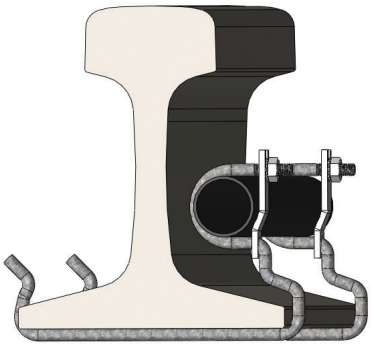




Single Cable Support Spring Rail Clips

CPI™ Single Cable Support Spring Rail Clips Support for Signal Cables Near Rail

CPI Support Spring Rail Clips are designed to support and hold a variety of Signal cables or conductors in close proximity to the rail.



Features and Benefits

- Tempered spring steel wire construction
- All components are plated or galvanized to resist corrosion
- Quick and easy to install
- Removable and reusable
- Available in different configurations to accommodate different size rails and multiple conductor combinations

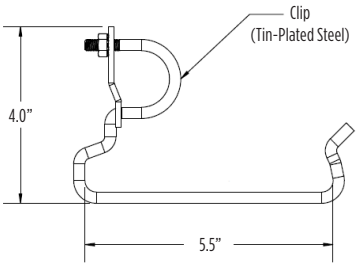
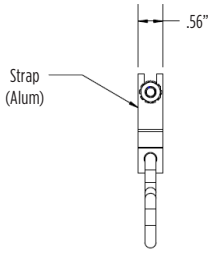


Figure 1



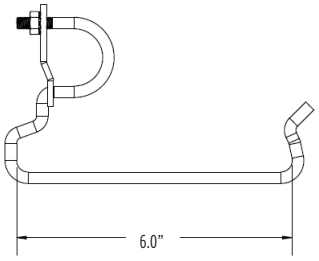


Figure 2

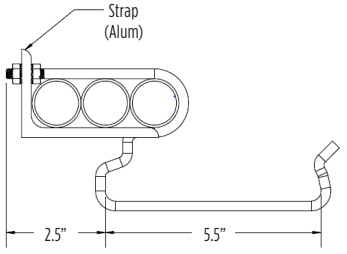


Figure 4

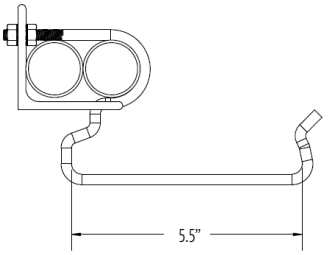


Figure 3

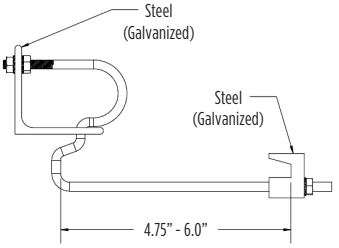


Figure 5

Catalog Number	Figure	Rail Size & Type	Cable O.D. & Capacity
115-250	1	115 lb AREA	1.25" x 1
140-375	2	140 lb AREA	1.375" x1
115-250-2S	3	115 lb AREA	1.095" x 2 - 1.365" x2
115-250-3	4	115 lb AREA	1.302" x3
100-ARA-B-250-2	5	100 ARA-B	1.095" x2 - 1.365" x2

Options:

Add Suffix "N" to specify a stainless steel nylon insert nut.

(Standard is Zinc-plated kept nuts.)