

# BURNDY

## Wedge



### THE WEJTAP™ SYSTEM

FOR ELECTRIC UTILITY  
DISTRIBUTION AND  
TRANSMISSION  
CONNECTIONS



F-1



## TABLE OF CONTENTS

Introduction .....	F-3
WEJTAP™ Connection System .....	F-4
WEJTAP™ and Test Data .....	F-5
Connectors .....	F-6
WEJTAP™ Powerlug.....	F-7
WEJTAP™ Ordering Information .....	F-8
Connector Selection	
By Conductor Size .....	F-9
By Diameter .....	F-14
Stirrup Selection .....	F-17
By Conductor Size .....	F-18
By Diameter .....	F-23
WEJTAP™ Cover	
WCCR, WCCB, WCCSY, WCCLY .....	F-24
Installation Tools	
WTRB, WTY, WTB, WTHR, WTHY .....	F-25
Installation Tool Accessories	
WTOCBR, WTOCY, WTCK .....	F-26
Hot Stick Tool WTBGBW .....	F-27
WEJTAP™ Hotstick Accessories	
WHSCWH, WHSPBC .....	F-27
WHS90ADP, WHSWADP, WCHAWAS, WHSTA,	
WHSWB.....	F-28
WHSGB, WCHDCC .....	F-29
WEJTAP™ Kits .....	F-30
MICROWEJ™ Connectors .....	F-31
MICROWEJ™ Cover and Removal Tool .....	F-32



## INTRODUCTION

The **BURNDY WEJTAP System** components are designed to provide the most reliable connections available, with safer and easier installations.

The system consists of a WEJTAP connector, WEJTAP installation tools and power-booster.

The detailed information on power-booster, installation tools and accessories follows.

**The BURNDY WEJTAP connector** uses an aluminum alloy wedge that is power-driven between the run and tap cables locking them into a "C" shaped aluminum alloy spring-body.

A wiping action takes place during installation between the conductors and Wedge which provides additional cleaning of surface oxides to supplement wire brushing. In addition, the contact grooves are lined with a patented PENETROX™ oxide inhibiting compound to enhance superior contact surface integrity.

The Wedge is automatically locked onto the spring-body by a skiving action produced by a lance located at the forward end of the installation tool.

During the life of the connection, the spring-body continues to maintain pressure to ensure a reliable connection.

## THE WEJTAP™ CONNECTOR

- Tested to NEMA and CSA Class A heat cycle requirements to ensure long term reliability.
- Accommodates a full range of run and tap conductors from #8 to 1590 ACSR in all commonly used conductors to meet the needs of electrical distribution systems.
- Color-coded connector, boosters, and tools to assist the installer to make the correct selection.
- "Run locator" chamfer is machined into the Wedge at the end of the "large" groove to provide positive visual or/and hand contact identification of the large run groove for correct installation.
- Removable design allows tap removal with minimum conductor damage.
- Tool embosses BURNDY identifier on end of Wedge to provide system identification.

Ask about our unique WEJTAP Tool System and Power-Booster which provides safer and easier installations.



### BURNDY WEJTAP™

#### CONNECTION SYSTEM

BURNDY, a leading manufacturer of quality electrical connectors for over 70 years, introduces the WEJTAP™ SYSTEM, a system that adds further dimension to the existing Burndy group of proven, reliable connection systems.

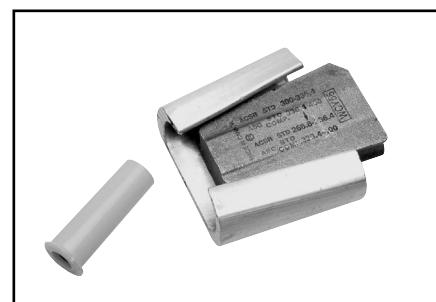
**WEJTAP™ COMPONENTS** are designed to provide a reliable system connection. The system consists of WEJTAP™ connectors, installation tools (including a variety of hotline and lineman accessories) and a unique power-booster.

**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 with factory installed PENETROX® PENA 13 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.

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

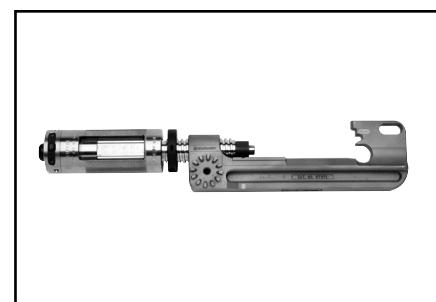
**THE WEJTAP™ POWER-BOOSTER** Patented is a self-contained device that provides the force necessary to drive the wedge into direct contact with the conductors. The booster is activated only when properly positioned in the tool assembly. A power cell in the booster is recessed to guard against premature 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.

F-4



#### Features and Benefits

- Large conductor chamfer on ends of wedge.  
◊ Instant hand or visual identification of large run grooves. Ensures correct wedge orientation.
- Color-coded WEJTAP connector and booster packaged together.  
◊ Easy selection by installer.
- Factory coated grooves with PENETROX® PENA 13.  
◊ Maintains low contact resistance, assists in protection against climatic conditions and is compatible with common insulations.
- One-piece tool.  
◊ No project delays due to dropped or lost parts.
- Fewer and improved hotstick accessories  
◊ Simplifies hotline installation and saves time.
- Contained booster ejection system.  
◊ Safe for operator guards against the booster being ejected in direction of the installer.
- Automatic gas release vented away from operator.  
◊ Eliminates manual gas venting and improves safety.
- Simplified loading.  
◊ Speeds installation—no threads—just depress safety bar, twist and pull open—load—push and twist to close prior to applying connector.
- Acme-type threads.  
◊ Provides smooth, fast engagement of tool and connector—saves installer's time.





### WEJTAP™ AND TEST DATA

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 A 500 Heat Cycles.

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

#### WEJTAP™

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

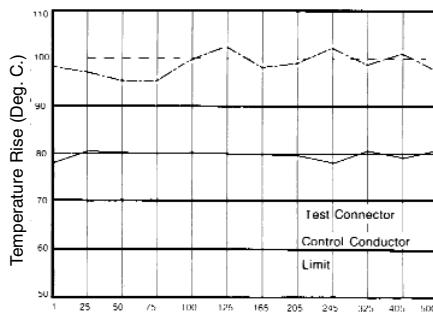
- WEJTAP™ connector wedges are marked with nominal ACSR, Aluminum and Copper concentric standard conductors.
- Red WEJTAP™ connector range Run 8-1/0 Tap 8-2
- Blue WEJTAP™ connector range Run 2-300 Tap 6-300
- Yellow WEJTAP™ connector range Run 266.8-1590 Tap 6-1590

All WEJTAP™ wedges contain a clearly defined chamfer on the 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.

#### ANSI C119.4 - 1986 Heat Cycle Test

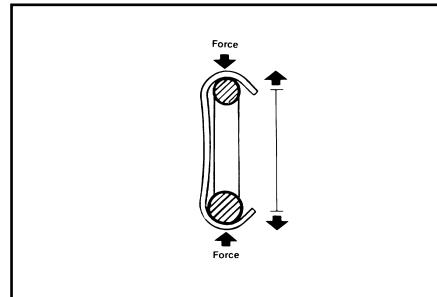
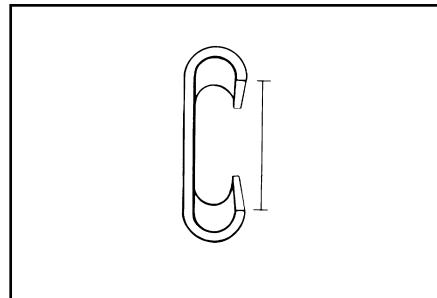
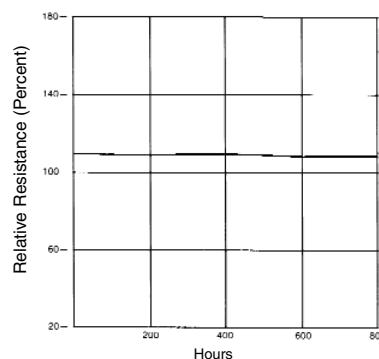
Average Temperature Rise vs. Current Cycles



Detailed test report packages are available upon request.

#### ASTM Salt Spray Test

Average % Relative Resistance vs. Hours of Salt Spray Exposure





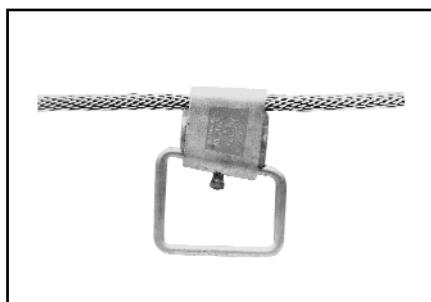
### A FULL RANGE OF ALUMINUM WEJTAP™ CONNECTORS

The WEJTAP™ CONNECTOR SYSTEM provides TAPS, STIRRUPS and COVERS, conductor ranges #8 through 1590. Tap stirrup conductor ranges #6 - 1033.6.

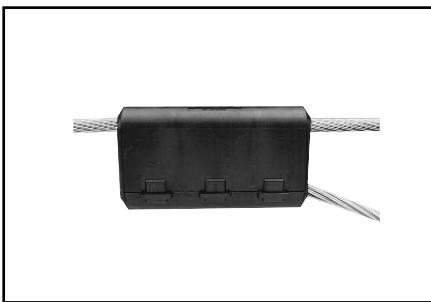


**TAPS WEJTAP™** connector ranges are divided into three color-coded groups.

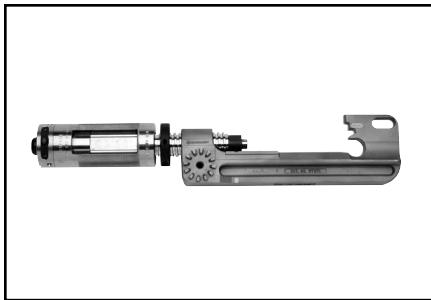
	RUN	TAP
RED	8-1/0	8-2
BLUE	2-300	6-300
YELLOW	266.8-1590	6-1590



**STIRRUPS™** are available from #6 through 1033.6 nominal conductor ranges. Tinned copper bails are permanently attached in sizes 2, 1/0, 2/0, 4/0 to provide a rugged "Hot Tap" connection point.



**COVERS** are installed on WEJTAP™ connectors to prevent them from coming in contact with other taps or exposed ground points. The WEJTAP™ covers are rugged snap-on devices available in four sizes to cover all connector sizes, and are cold weather tested for easy installations.



#### SAFETY FEATURES

- Contained booster ejection system that guards against potential hazard of spent boosters being ejected at installers.
- Automatic gas release vented away from the operator eliminates manual venting toward the operator.
- Power-boosters can only be activated when properly positioned in the tool and engaged on the connector. Power-boosters are automatically deactivated should the operator decide to remove the tool from the connector prior to completing the installation. The deactivated booster may be safely removed, all to provide a safer tool for your line personnel.



### WEJTAP™ POWER LUG

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



2 HOLE POWER LUG

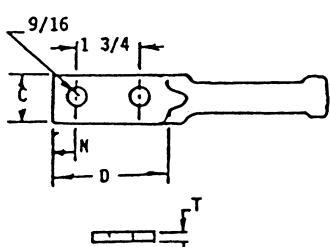


Fig. 1

4 HOLE POWER LUG

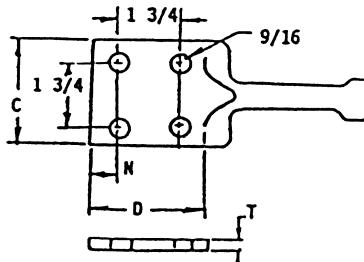


Fig. 2

4 HOLE FLAG

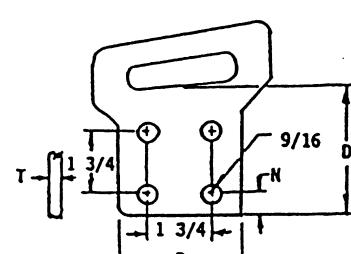


Fig. 3

F-7

TAP GROOVE FOR CONNECTOR SELECTION	CATALOG NUMBER	STANDARD CONDUCTOR		FIGURE	HOLES IN PAD	DIMENSIONS			
		ACSR	ASC/AAC			C	D	N	T
4/0 STANDARD ACSR	WCAB30R-2N	6 Str. - 266.8	6 Str. - 300	1	2	1-1/4	3	5/8	0.34
	WCAB30R-4N			2	4	3	3	5/8	0.30
	WCBB30R-4N			3	4	1-3/4	3-1/2	7/8	0.30
336.4 STANDARD ACSR	WCAY39R-2N	266.8 - 556.5	336.4 - 636	1	2	1-1/4	3	5/8	0.34
	WCAY39R-4N			2	4	3	3	5/8	0.30
	WCBY39R-4N			3	4	3-3/4	3-1/2	1	0.30
795 STANDARD ACSR	WCAY49R-2N	605 - 1033.5	715.5 - 1113	1	2	1-3/4	3-1/2	5/8	0.69
	WCAY49R-4N			2	4	3-1/2	3-1/2	5/8	0.69
	WCBY49R-4N			3	4	4	4	3/4	0.69

NOTE: The recommended connector and booster are ordered separately. Catalog number is for the POWERLUG only.

### MULTIPLE CONDUCTOR TAP APPLICATION

CONNECTOR	*RUN GROOVE	*TAP GROOVE
WCY 64 PB	Three-1/0 ACSR (6/1) Diameter = 0.398"	One - 4/0 ACSR (6/1) Diameter = 0.563"
WCY 65 PB	Three-1/0 ACSR (6/1) Diameter = 0.398"	One - 3/0 ACSR (6/1) Diameter = 0.502"
WCY 63 PB	Three-2/0 ACSR(6/1) Diameter = 0.447"	One - 4/0 ACSR (6/1) Diameter = 0.563"
WCB 11 PB	Three-#4 stranded Diameter = 0.232"	One - 1/0 ACSR (6/1) Diameter = 0.398"
WCY 54 PB	Three-1/0 stranded Diameter = 0.368"	One - 4/0 stranded Diameter = 0.522"
WCY 53 PB	Three-1/0 stranded Diameter = 0.368"	One - 3/0 stranded Diameter = 0.464"
WCY 64 PB	Three-2/0 stranded Diameter = 0.414"	One - 4/0 stranded Diameter = 0.522"
WCB 11 PB	Three-#4 stranded Diameter = 0.232"	One - 1/0 stranded Diameter = 0.368"
WCB 12 PB	Three-#4 stranded Diameter = 0.232"	One - #4 solid copper hard drawn Diameter = 0.204"

\* 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.

# BURNDY

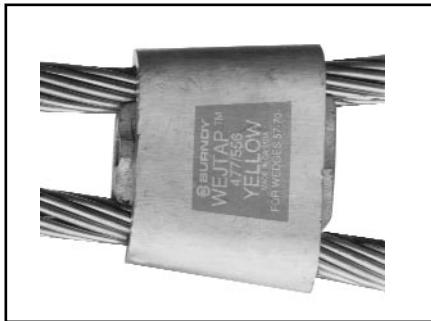
## Wedge



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

The following pages list some common conductors and the appropriate connector.

ACSR to ACSR	page F9
ACSR to AAC	page F10
ACSR to Copper	page F11
AAC to AAC	page F12
AAC to Copper	page F13
Stirrup Information	page F17 through F23



### ORDERING INFORMATION

- Power boosters may be ordered separately in boxes of 25.

Red boosters	Cat. #WPBR Box 25
Blue boosters	Cat. #WPBB Box 25
Yellow boosters	Cat. #WPBY Box 25

For information about conductors which are not listed, and for further ordering information, please contact BURNDY at  
1-800-346-4175.



# BURNDY

# Wedge

# BURNDY WEJTAP™ CONNECTOR SELECTOR CHART

## By Conductor Size

RUN

F-9

TAP

COLOR	NUMBER	CODE	CONNECTOR
BLUE	10-28	B	WCB20
BLUE	40-47	B	WCB40
RED	29-37	R	WCR30
YELLOW	48-99	Y	WCY99
YELLOW	00-39	Y	WCY100

(100-139) IF YELLOW, INSERT 1 BEFORE 00-39

- When ordering, add WC and color code before number
  - Further information may be obtained by contacting BURNDY at 1-800-346-4175



# BURNDY

## Wedge

# BURNDY WEJTAP™ CONNECTOR SELECTOR CHART

## By Conductor Size

RUN																	
	ACSR# 8-6/1	ACSR# 6-6/1	ACSR# 4-6/1	ACSR# 2-6/1	ACSR-1/0-6/1	ACSR-2/0-6/1	ACSR-3/0-6/1	ACSR-4/0-6/1	ACSR-266.8-18/1	ACSR-336.4-18/1	ACSR-397.5-18/1	ACSR-477.0-18/1	ACSR-556.5-18/1	ACSR-795.0-36/1	ACSR-954.0-36/1	ACSR-1033.5-36/1	
34	37	37	36	35												AAC #8	
	33	33	32	12	12	12	15	21	40	59	59	70	85	02	02	AAC #6	
		32	31	13	13	13	16	22	41	58	58	69	84	01	01	AAC #4	
			30	10	10	11	11	23	42	57	57	68	83	00	00	AAC #2	
				10	11	11	17	24	43	67	67	66	82	00	99	AAC-1/0	
					11	17	18	25	44	66	66	65	81	98	98	AAC-2/0	
						18	19	26	45	65	65	64	80	98	97	AAC-3/0	
							20	27	46	64	64	63	79	97	96	AAC-4/0	
								28	46	63	63	62	78	96	95	AAC-266.8	
									47	62	62	62	77	95	94	AAC-336.4	
										62	62	61	77	94	93	AAC-397.5	
											61	61	76	93	92	AAC-477.0	
<b>ACSR TO AAC</b>																	
												60	75	92	92	AAC-556.5	
													72	89	88	AAC-795.0	
														88	87	AAC-954.0	
															86	AAC-1033.5	

COLOR	NUMBER	CODE	CONNECTOR
BLUE	10-28	B	WCB20
BLUE	40-47	B	WCB40
RED	29-37	R	WCR30
YELLOW	48-99	Y	WCY99
YELLOW	00-39	Y	WCY100

(100-139) IF YELLOW, INSERT 1 BEFORE 00-39

- When ordering, add WC and color code before number
  - Further information may be obtained by contacting BURNDY at 1-800-346-4175



# BURNDY WEJTAP™ CONNECTOR SELECTOR CHART

## By Conductor Size

F-11

TAP

COLOR	NUMBER	CODE	CONNECTOR
<b>BLUE</b>	10-28	B	WCB20
<b>BLUE</b>	40-47	B	WCB40
<b>RED</b>	29-37	R	WCR30
<b>YELLOW</b>	48-99	Y	WCY99
<b>YELLOW</b>	00-39	Y	WCY100

(100-139) IF YELLOW, INSERT 1 BEFORE 00-39

- When ordering, add WC and color code before number
  - Further information may be obtained by contacting BURNDY at 1-800-346-4175

# BURNDY

## Wedge



### BURNDY WEJTAP™ CONNECTOR SELECTOR CHART

By Conductor Size

RUN																												
AAC-#8	AAC-#6	AAC-#4	AAC-#2	AAC-1/0	AAC-2/0	AAC-3/0	AAC-4/0	AAC-266.8	AAC-336.4	AAC-397.5	AAC-477.0	AAC-556.5	AAC-795.0	AAC.954.0	AAC-1033.5													
34	37	37	36	35																							AAC #8	
	33	33	32	12	12	12	15	21	40	48	59	59	85	02	02											AAC #6		
		32	31	13	13	13	16	22	41	49	58	58	84	01	01											AAC #4		
			30	29	10	14	11	23	42	50	57	57	83	00	00											AAC #2		
					10	14	11	17	24	43	51	67	66	82	99	00										AAC-1/0		
						11	17	18	25	44	52	66	65	81	98	98										AAC-2/0		
							18	19	26	45	53	65	64	80	98	97										AAC-3/0		
								20	27	46	54	64	63	79	97	96										AAC-4/0		
									28	46	55	63	62	78	96	95											AAC-266.8	
										47	56	62	62	77	95	94											AAC-336.4	
											56	62	61	77	94	93											AAC-397.5	
												62	61	76	93	92											AAC-477.0	
	<b>AAC TO AAC</b>																										AAC-556.5	
																											AAC-795.0	
																											AAC-954.0	
																											AAC-1033.5	

COLOR	NUMBER	CODE	CONNECTOR
BLUE	10-28	B	WCB20
BLUE	40-47	B	WCB40
RED	29-37	R	WCR30
YELLOW	48-99	Y	WCY99
YELLOW	00-39	Y	WCY100
(100-139) IF YELLOW, INSERT 1 BEFORE 00-39			

- When ordering, add WC and color code before number
- Further information may be obtained by contacting BURNDY at 1-800-346-4175



# BURNDY

## Wedge

# BURNDY WEJTAP™ CONNECTOR SELECTOR CHART

### **By Conductor Size**

F-13

TAP

COLOR	NUMBER	CODE	CONNECTOR
<b>BLUE</b>	10-28	B	WCB20
<b>BLUE</b>	40-47	B	WCB40
<b>RED</b>	29-37	R	WCR30
<b>YELLOW</b>	48-99	Y	WCY99
<b>YELLOW</b>	00-39	Y	WCY100

**(100-139) IF YELLOW, INSERT 1 BEFORE 00-39**

- When ordering, add WC and color code before number
  - Further information may be obtained by contacting BURNDY at 1-800-346-4175



## BURNDY WEJTAP™ SELECTION CHART

**By Diameter**

F-14

Catalog Number	Sum Of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with blue boosters						
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	0.6	0.568	0.364	0.258	0.204
WCB14	0.839	0.69	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	1.13	0.975	0.568	0.364	0.572	0.386
WCB21	0.846	0.711	0.65	0.532	0.204	0.162
WCB22	0.9	0.765	0.65	0.532	0.258	0.204
WCB23	0.972	0.818	0.65	0.532	0.33	0.257
WCB24	1.052	0.897	0.65	0.532	0.5	0.324
WCB25	1.104	0.963	0.65	0.532	0.562	0.364
WCB26	1.163	1.015	0.65	0.532	0.562	0.409
WCB27	1.221	1.08	0.65	0.532	0.575	0.46
WCB28	1.284	1.141	0.65	0.532	0.65	0.525
WCB40	0.888	0.762	0.684	0.603	0.204	0.162
WCB41	0.942	0.794	0.684	0.6	0.258	0.204
WCB42	1.011	0.857	0.684	0.6	0.333	0.257
WCB43	1.094	0.936	0.684	0.6	0.5	0.324
WCB44	1.146	1.009	0.684	0.6	0.562	0.364
WCB45	1.204	1.057	0.684	0.6	0.562	0.409
WCB46	1.284	1.119	0.684	0.6	0.592	0.46
WCB47	1.368	1.188	0.684	0.6	0.684	0.6
Installed with red booster						
WCR1	0.723	0.584	0.398	0.257	0.398	0.257
WCR2	0.602	0.464	0.398	0.258	0.258	0.162
WCR29	0.723	0.584	0.398	0.257	0.398	0.257
WCR3	0.656	0.516	0.398	0.258	0.325	0.206
WCR30	0.656	0.516	0.398	0.257	0.325	0.206
WCR31	0.602	0.464	0.398	0.257	0.258	0.162
WCR32	0.53	0.41	0.326	0.204	0.258	0.162
WCR33	0.459	0.331	0.258	0.169	0.23	0.162
WCR34	0.324	0.256	0.162	0.128	0.162	0.128
WCR35	0.56	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 yellow booster						
WCY100	1.572	1.4	1.25	0.893	0.351	0.257
WCY101	1.503	1.343	1.25	0.893	0.261	0.204
WCY102	1.454	1.284	1.25	0.893	0.198	0.162
WCY103	2.604	2.484	1.302	1.242	1.302	1.242



## BURNDY WEJTAP™ SELECTION CHART

**By Diameter**

Catalog Number	Sum Of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with yellow booster						
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	0.8	0.7
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	1.94	1.74	1.35	1.242	0.59	0.498
WCY115	1.863	1.663	1.35	1.242	0.513	0.421
WCY116	1.812	1.612	1.35	1.242	0.462	0.37
WCY117	1.762	1.562	1.35	1.242	0.412	0.32
WCY118	1.703	1.503	1.35	1.242	0.353	0.261
WCY119	1.631	1.431	1.35	1.242	0.281	0.189
WCY120	1.58	1.38	1.35	1.242	0.23	0.138
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	2.68	2.479	1.422	1.314	1.258	1.164
WCY124	2.596	2.394	1.422	1.314	1.174	1.08
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	0.91
WCY128	2.376	2.174	1.422	1.314	0.954	0.86
WCY129	2.286	2.084	1.422	1.314	0.864	0.77
WCY130	2.216	2.014	1.422	1.314	0.794	0.7
WCY131	2.152	1.95	1.422	1.314	0.73	0.636
WCY132	2.07	1.868	1.422	1.314	0.648	0.554
WCY133	1.99	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	0.36
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	0.19
WCY139	1.664	1.462	1.422	1.314	0.242	0.148
WCY48	0.932	0.765	0.75	0.537	0.204	0.162
WCY49	1.012	0.807	0.75	0.537	0.271	0.203
WCY50	1.069	0.86	0.75	0.537	0.355	0.257
WCY51	1.141	0.927	0.75	0.537	0.557	0.324
WCY52	1.19	1.001	0.75	0.537	0.588	0.364
WCY53	1.236	1.012	0.75	0.537	0.619	0.409
WCY54	1.302	1.063	0.75	0.537	0.63	0.46
WCY55	1.37	1.14	0.75	0.537	0.714	0.499
WCY56	1.456	1.245	0.75	0.537	0.75	0.524
WCY57	1.19	0.979	0.893	0.666	0.326	0.257



## BURNDY WEJTAP™ SELECTION CHART

**By Diameter**

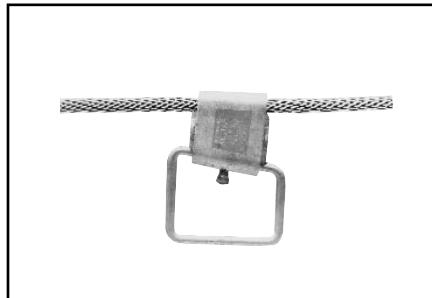
F-16

Catalog Number	Sum Of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Installed with yellow booster						
WCY58	1.118	0.931	0.893	0.666	0.258	0.204
WCY59	1.061	0.891	0.893	0.666	0.199	0.162
WCY60	1.854	1.686	0.95	0.722	0.95	0.722
WCY61	1.741	1.524	0.94	0.683	0.94	0.666
WCY62	1.594	1.379	0.94	0.683	0.75	0.573
WCY63	1.5	1.297	0.94	0.683	0.75	0.481
WCY64	1.421	1.216	0.94	0.683	0.65	0.436
WCY65	1.36	1.147	0.94	0.683	0.562	0.382
WCY66	1.305	1.097	0.94	0.683	0.562	0.336
WCY67	1.27	1.054	0.94	0.683	0.45	0.315
WCY68	1.253	1.115	0.94	0.683	0.326	0.257
WCY69	1.187	1.059	0.94	0.683	0.262	0.204
WCY70	1.13	1.013	0.94	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	0.9	0.7
WCY77	1.829	1.677	1.133	0.889	0.75	0.575
WCY78	1.75	1.599	1.133	0.889	0.729	0.525
WCY79	1.67	1.526	1.133	0.889	0.722	0.364
WCY80	1.61	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	1.44	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	1.25	0.893	1.25	0.999
WCY87	2.418	2.251	1.25	0.893	1.25	0.856
WCY88	2.354	2.194	1.25	0.893	1.211	0.971
WCY89	2.297	2.137	1.25	0.893	1.2	0.923
WCY90	2.238	2.083	1.25	0.893	1.159	0.868
WCY91	2.173	2.013	1.25	0.893	1.13	0.856
WCY92	2.104	1.95	1.25	0.893	0.904	0.72
WCY93	2.029	1.869	1.25	0.893	0.9	0.7
WCY94	1.967	1.831	1.25	0.893	0.75	0.588
WCY95	1.888	1.728	1.25	0.893	0.722	0.525
WCY96	1.811	1.648	1.25	0.893	0.609	0.364
WCY97	1.748	1.591	1.25	0.893	0.598	0.385
WCY98	1.695	1.533	1.25	0.893	0.598	0.364
WCY99	1.644	1.489	1.25	0.893	0.398	0.324



**WEJTAP™  
STIRRUPs AND  
POWER-BOOSTERS**

(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
<b>SMALL RED CABLE RANGE 6-2</b>		
WSS1	6	2
WSS2	5, 4, 2	
<b>MEDIUM BLUE CABLE RANGE 1-300</b>		
WSM1	1, 1/0, 2/0	2
WSM2	2/0, 3/0	2
WSM3	3/0-4/0	2
WSM4		2/0
WSM5	266.8	2
WSM6		1/0
WSM7	350	1/0
WSM11	266.8 - 336.4	4/0

CATALOG NUMBER	NOMINAL CABLE RANGE	BAIL SIZE
<b>LARGE YELLOW CABLE RANGE 300-1033.5</b>		
WSL1	336.4	1/0
WSL2		2/0
WSL3		4/0
WSL4	397.5-477	1/0
WSL5		2/0
WSL6		4/0
WSL7	556.5	1/0
WSL8		2/0
WSL9		4/0
WSL10	636	4/0
WSL11		2/0
WSL12	795	2/0
WSL13		4/0
WSL14	1033.5	4/0



**WEJTAP™ STIRRUP  
SELECTION BY  
CABLE SIZE**

**MEDIUM CABLE RANGE  
1-300**

F-18

<b>ACSR</b>	Standard Compact or Compressed
<b>AAC</b>	Standard
<b>ASC</b>	Compact
<b>COPPER</b>	or Compressed
<b>SOLID</b>	Copper or Aluminum
<b>AAAC</b>	
<b>AWAC ACAR</b>	
<b>Alumoweld Copperweld</b>	
<b>Galvanized Steel</b>	
<b>Bail Size</b>	
<b>Catalog Number</b>	

<b>6 <math>\frac{5}{1}</math></b>
<b>6 <math>\frac{6}{1}</math></b>
<b>6</b>
<b>6</b>
<b>4,5,6</b>
<b>6</b>
—
<b>8A, 8C, 3#12</b>
<b><math>\frac{3}{16}</math></b>
<b>2</b>
<b>WSS1</b>

<b>2,3,4,5, <math>\frac{6}{1}, \frac{7}{1}</math></b>
<b>2,4 <math>\frac{6}{1}, \frac{7}{1}</math></b>
<b>2,3,4,5</b>
<b>1,2,3,4</b>
<b>1,2,3,</b>
<b>2,3,4,5</b>
<b><math>2\frac{8}{1}, 3\frac{4}{1}, 5\frac{6}{1}, 4\frac{6}{1}, 3\frac{4}{1}, 5\frac{5}{1}</math></b>
<b>3#7, 3#8, 3#10, 7#10 7#12, 3#9, 7#</b>
<b><math>\frac{1}{4}, \frac{5}{16}, \frac{7}{32}, \frac{9}{32}</math></b>
<b>2</b>
<b>WSS2</b>



### WEJTAP™ STIRRUP SELECTION BY CABLE SIZE

LARGE CABLE RANGE  
300-1033.5

<b>ACSR</b>	Standard	1,1/0,2/0 $\frac{6}{1}$ $\frac{80}{1}$ $\frac{8}{1}$		2/0, 3/0 $\frac{6}{1}$ 101.8, 110.8 $\frac{12}{7}$		3/0, 4/0 $\frac{6}{1}$ 101.8, 110.8 134.6 $\frac{12}{7}$		3/0, 4/0 $\frac{6}{1}$ 101.8, 110.8 134.6 $\frac{12}{7}$
	Compact or Compressed	1,1/0,2/0 $\frac{6}{1}$		2/0 3/0 $\frac{6}{1}$		3/0 4/0 $\frac{6}{1}$ 266.8 $\frac{18}{1}$		4/0 $\frac{6}{1}$ 266.8 $\frac{18}{1}$
<b>AAC</b>	Standard	1, 1/0, 2/0		2/0, 3/0		3/0, 4/0		4/0
<b>ASC</b>	Compact			2/0, 3.0		3/0, 4.0, 250, 266.8		4.0, 250, 266.8
<b>COPPER</b>	or Compressed	1/0, 2/0		2/0, 3/0, 4/0		3/0 4/0, 250, 266.8, 300		4/0, 250, 266.8, 300
<b>SOLID</b>	Copper or Aluminum	1/0, 2/0, 3/0		2/0, 3/0		3/0, 4/0		3/0, 4/0
<b>AAAC</b>		1, 1/0, 2/0		3/0 $\frac{6}{1}$ 2/0 $\frac{4}{3}$ $\frac{5}{2}$ $\frac{6}{1}$ 1/0 $\frac{3}{4}$ , 1/0 $\frac{5}{4}$ , 1/0 $\frac{6}{5}$		4/0 $\frac{6}{1}$ 3/0 $\frac{4}{3}$ $\frac{5}{2}$ $\frac{6}{1}$ 2/0 $\frac{4}{3}$ , 1/0 $\frac{3}{4}$ , 1/0 $\frac{5}{6}$		4/0 $\frac{6}{1}$ 3/0 $\frac{4}{3}$ $\frac{5}{2}$ $\frac{6}{1}$ 2/0 $\frac{3}{4}$ , 1/0 $\frac{3}{5}$ , 1/0 $\frac{4}{5}$ , 1/0 $\frac{6}{5}$
<b>AWAC ACAR</b>		1, 1/0, 2/0, 3/0, 4/0, 5/0 2, 1/0, 2/0, 3/0, 4/0, 5/0		1/0 $\frac{3}{4}$ , 1/0 $\frac{5}{4}$ , 1/0 $\frac{6}{5}$		1/0 K, 2/0 G, J, K, N 3/0 F, 4/0 F, 2N, 2P, 7, #6, 7, #7		1/0 K, 2/0 G, J, K, N 3/0 F, 4/0 F, 2N, 2P, 7, #6, 7, #7
<b>ALUMOWELD COPPERWELD</b>		1/0 F, G, J, 2/0 F, 1F, G, J, K, 2A, J, K, N, 4D, P, 3#5 3#6, 7#7, 7#8, 7#9		7/16, 1/2		1/2, 9/16		1/2, 9/16
<b>GALVANIZED STEEL</b>		11/32, 3/8, 7/16		2		2		2
<b>BAIL SIZE</b>		2		WSM2		WSM3		WSM4
<b>CATALOG NUMBER</b>		WSM1						

<b>ACSR</b>	Standard	266.8 $\frac{24}{7}$ $\frac{26}{7}$ $\frac{18}{7}$ $\frac{6}{7}$		266.8 $\frac{24}{7}$ $\frac{26}{7}$ $\frac{18}{7}$ $\frac{6}{7}$		266.8 $\frac{5}{1}$ $\frac{18}{1}$ $\frac{24}{7}$ $\frac{26}{7}$ $\frac{30}{7}$
	Compact or Compressed	159,176.9,190.8 $\frac{12}{7}$		159,176.9,190.8 $\frac{12}{7}$		300 $\frac{18}{1}$ $\frac{24}{7}$ $\frac{26}{7}$ $\frac{30}{7}$ $\frac{18}{1}$
		266.8,336.4 $\frac{18}{1}$		266.8, 336.4 $\frac{18}{1}$		336.4, 397.5 $\frac{18}{1}$
<b>AAC</b>	Standard	250, 266.8, 300		250, 266.8, 300		300, 336.4, 350
<b>ASC</b>	Compact or			266.8, 300, 336.4, 350		336.4, 350, 397.5, 400
<b>COPPER</b>	Compressed	266.8, 300, 336.4, 350		336.4, 350, 397.5, 400		397.5, 400, 450
<b>SOLID</b>	Copper or Aluminum	336.4, 350, 397.5, 400		281.4, 307.1, 312.8		281.4, 307.1, 312.8, 355.1
<b>AAAC</b>		281.4, 307.1, 312.8		4/0 $\frac{15}{4}$		336.4 $\frac{18}{1}$ 343.6 $\frac{15}{4}$
<b>AWAC ACAR</b>		4/0 $\frac{15}{4}$		4/0E, G, 7#4 19#8, 19#9		355 $\frac{15}{4}$ $\frac{12}{7}$
<b>Alumoweld Copperweld</b>		4/0E, G, 7#4 19#8, 19#9		5/8		4/0E, 7#4, 19#8
<b>Galvanized Steel</b>		5/8		1/0		5/8
<b>Bail Size</b>		2		WSM6		1/0
<b>Catalog Number</b>		WSM5				WSM7



### WEJTAP™ STIRRUP SELECTION BY CABLE SIZE

LARGE CABLE RANGE  
300-1033.5

F-20

ACSR	Standard	336.4 $\frac{26}{7}, \frac{24}{7}, \frac{18}{7}$ , 266.8 $\frac{30}{7}$	
	Compact or Compressed	300 $\frac{18}{1}, \frac{24}{7}, \frac{26}{7}, \frac{30}{7}$	
AAC	Standard	211.3 $\frac{12}{7}$ , 203.2 $\frac{16}{9}$	
ASC	Compact	336.4, 397.5 $\frac{18}{1}$	
COPPER	or Compressed		
SOLID	Copper or Aluminum	336.4, 350, 397.5, 400	
AAAC		336.4, 350, 397.5, 400	
AWAC ACAR		450 - 477, 500	
Alumoweld		355.1, 394.5, 394.6	
Copperweld		336.4 $\frac{18}{1}, \frac{16}{3}, \frac{15}{4}$ , 343.6 $\frac{15}{4}$	
Galvanized Steel		355 $\frac{15}{4}, \frac{12}{7}$	
Bail Size		4/0E, 7#4, 19#7	
		19#8, 37#10	
Catalog Number		5/8	
		1/0	
		2/0	
		WSL1	WSL2
			WSL3

ACSR	Standard	397.4 $\frac{30}{7}, \frac{28}{7}, \frac{24}{7}, \frac{18}{7}$	
	Compact or Compressed	477 $\frac{26}{7}, \frac{24}{7}, \frac{18}{7}$ , 336.4 $\frac{30}{7}$	
AAC	Standard	477, 556.6, 636 $\frac{30}{7}$	
ASC	Compact	450, 477, 500, 550, 556.5	
COPPER	or Compressed	477, 500, 550, 556.6, 636	
SOLID	Copper or Aluminum	—	
AAAC		419.6, 465.4, 466.3, 503.6	
AWAC ACAR		503.6 $\frac{15}{4}, \frac{12}{7}$ , 336.4 $\frac{15}{4}$	
Alumoweld		19#6, 37#9	
Copperweld		3/4	
Galvanized Steel		1/0	
Bail Size		2/0	
Catalog Number		WSL4	WSL5
			WSL6



## WEJTAP™ STIRRUP SELECTION BY CABLE SIZE

LARGE CABLE RANGE  
300-1033.5

<b>ACSR</b>	Standard Compact or Compressed	<b>477</b> $\frac{30}{7}, \frac{26}{7}, \frac{24}{7}$ <b>556.5</b> $\frac{36}{7}, \frac{24}{7}, \frac{18}{7}$ <b>636</b> $\frac{18}{7}$		
<b>AAC</b>	Standard	<b>550, 556.5, 600, 636</b>		
<b>ASC</b>	Compact	—		
<b>COPPER</b>	or Compressed	—		
<b>SOLID</b>	Copper or Aluminum	—		
<b>AAAC</b>		<b>559.5, 587.2, 652.4, 652.8</b>		
<b>AWAC ACAR</b>		<b>653.1</b> $\frac{15}{4}, \frac{12}{7}$ <b>568.3</b> $\frac{15}{4}$		
<b>Alumoweld</b>		19#5, 37#8		
<b>Copperweld</b>				
<b>Galvanized Steel</b>		7/8		
<b>Bail Size</b>		1/0	<b>2/0</b>	<b>4/0</b>
<b>Catalog Number</b>		<b>WSL7</b>	<b>WSL8</b>	<b>WSL9</b>

<b>ACSR</b>	Standard Compact or Compressed	<b>605</b> $\frac{54}{7}, \frac{24}{7}, \frac{26}{7}, \frac{30}{7}, \frac{30}{7}$ <b>636</b> $\frac{18}{7}, \frac{7}{7}, \frac{7}{7}, \frac{19}{7}, \frac{7}{7}$ <b>636</b> $\frac{18}{7}, \frac{36}{7}$ <b>653.9</b> $\frac{18}{3}, \frac{666.6}{7}, \frac{24}{7}, \frac{54}{7}, \frac{26}{7}, \frac{556.5}{7}, \frac{36}{7}$ <b>795, 874.5</b> $\frac{36}{7}$		
<b>AAC</b>	Standard	<b>650, 700, 715.5</b> <b>750</b>		
<b>ASC</b>	Compact	<b>795</b> $\frac{36}{7}, \frac{800}{7}, \frac{850}{7}, \frac{874.5}{7}$		
<b>COPPER</b>	or Compressed	—		
<b>SOLID</b>	Copper or Aluminum	<b>740.6, 740.8, 746.1</b>		
<b>AAAC</b>		<b>739.8</b> $\frac{33}{4}, \frac{30}{7}, \frac{24}{7}, \frac{18}{7}$		
<b>AWAC ACAR</b>		37#7		
<b>Alumoweld</b>				
<b>Copperweld</b>				
<b>Galvanized Steel</b>		1"		
<b>Bail Size</b>		4/0	<b>2/0</b>	
<b>Catalog Number</b>		<b>WSL10</b>	<b>WSL11</b>	



## WEJTAP™ STIRRUP SELECTION BY CABLE SIZE

LARGE CABLE RANGE  
300-1033.5

ACSR	Standard Compact or Compressed	715.5 795 } 54 24 26 30 39 45 795.5 36 874.5 45		874.5 54 900 45 54 954 } 36 45 54 1033.5 1, 7, 7, 7,
AAC	Standard	954 36		—
ASC	Compact	795, 800, 850, 874.5		1000, 1033.5, 1100, 113
COPPER	Compressed	900, 950, 954		—
SOLID	Copper or Aluminum	950, 954		—
AAAC		—		—
AWAC ACAR		833.6, 927.2		—
Alumoweld Copperweld		819.2 18, 840.2 14, 853.7 24 30 18 862.7 18, 927.2 30 24 18		1024.5 30 24 18 1081 7, 13, 19 1109 1172 1172 33 4, 1012.2 18 1
Galvanized Steel		37#6		—
Bail Size		—		—
Catalog Number		2/0	4/0	4/0
		WSL12	WSL13	WSL14



## BURNDY WEJTAP™ STIRRUP SELECTION CHART

**By Diameter**

Catalog Number	Sum Of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
Small stirrups						
WSS1	0.454	0.412	0.204	0.162	0.25	0.25
WSS2	0.575	0.456	0.325	0.206	0.25	0.25
Medium sized stirrups						
WSM1	0.697	0.575	0.447	0.325	0.25	0.25
WSM10	0.887	0.784	0.563	0.46	0.324	0.324
WSM2	0.752	0.615	0.502	0.365	0.25	0.25
WSM3	0.813	0.66	0.563	0.41	0.25	0.25
WSM4	0.938	0.835	0.563	0.46	0.375	0.375
WSM5	0.892	0.787	0.642	0.537	0.25	0.25
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	0.25	0.25
WSM9	0.771	0.649	0.447	0.325	0.324	0.324
Large stirrups						
WSL1	1.05	0.927	0.726	0.603	0.324	0.324
WSL10	1.479	1.389	1.019	0.929	0.46	0.46
WSL11	1.394	1.304	1.019	0.929	0.375	0.375
WSL12	1.515	1.399	1.14	1.024	0.375	0.375
WSL13	1.6	1.484	1.14	1.024	0.46	0.46
WSL14	1.708	1.606	1.248	1.146	0.46	0.46
WSL2	0.976	0.853	0.726	0.603	0.25	0.25
WSL3	1.186	1.063	0.726	0.603	0.46	0.46
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	0.46	0.46
WSL7	1.251	1.17	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	0.46	0.46



### WEJTAP™ COVER

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.

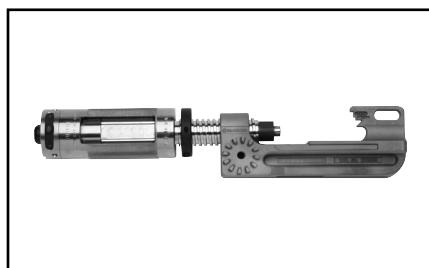


COVER CATALOG NO.	WEJTAP SIZE	NOMINAL CONDUCTOR RANGE		COVER COLOR
		RUN	TAP	
WCCR	Small Old Style Red	8-1/0	8-2	Black Weather Rated
WCCB	Red & Blue	2-300	6-300	
WCCSY	Small (Yellow)	300-556.5	6-556.5	
WCCLY	Large (Yellow)	556.5-1033.5	556.5-1033.5	



### WEJTAP™ INSTALLATION TOOLS

Patented



#### Type WTRB

WEJTAP™ tool assembly with small head for small and medium range taps - #8 through 350 kcmil and stirrups.



#### Type WTY

WEJTAP™ tool assembly with large head for medium and large range taps - 336.4 through 1590 kcmil ACSR, and stirrups.



#### Type WTB

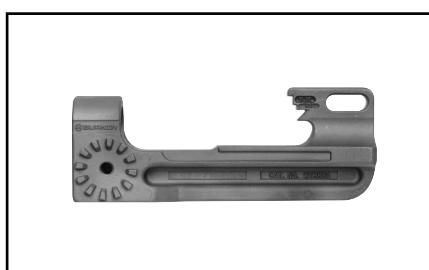
WEJTAP™ tool body one-piece assembly basic drive mechanism used to install WEJTAP™ connectors and STIRRUPs range - #8 awg through 1590 kcmil ACSR.

F-25



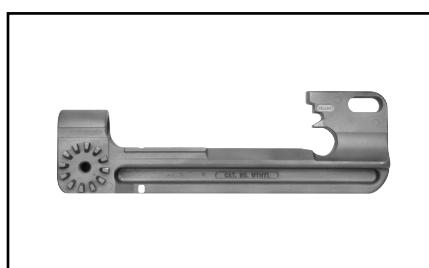
#### Type WTBGBW

WEJTAP™ self firing tool body. Used to install WEJTAP™ connectors and stirrups. Utilizes a self firing actuator for use with hotsticks.



#### Type WTHRBI S

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.



### WEJTAP™ INSTALLATION TOOL ACCESSORIES



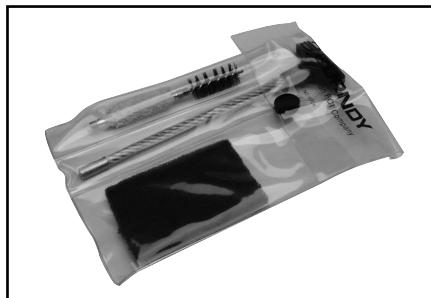
#### Type WTOCBR

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



#### Type WTOCY

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



#### Type WTCK

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



### WEJTAP™ HOTSTICK TOOL

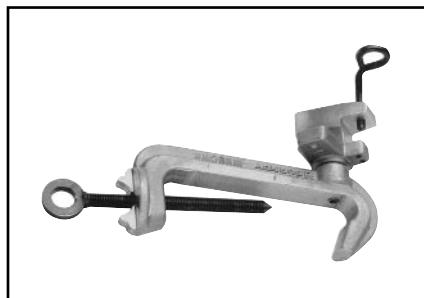


#### Type WTBGBW

WEJTAP™ Self firing tool body. Used to install WEJTAP™ connectors and stirrups. Similar to Type WTB tool except utilizes a self firing actuator for use with hotsticks.

### WEJTAP™ HOTSTICK ACCESORIES

F-27



#### 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 WHSPBC Patented

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.

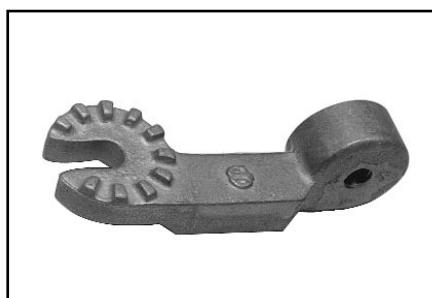


### WEJTAP™ HOTSTICK ACCESSORIES



#### Type WHS90ADP

WEJTAP™ hotstick angle adapter used to attach tool to universal hotstick for hotline installation.



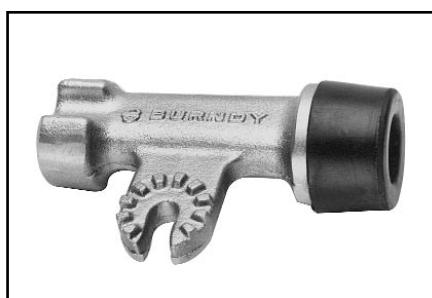
#### Type WHSWHADP

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



#### Type WCHAWAS

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



#### Type WHSTA

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



#### Type WHSWB

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

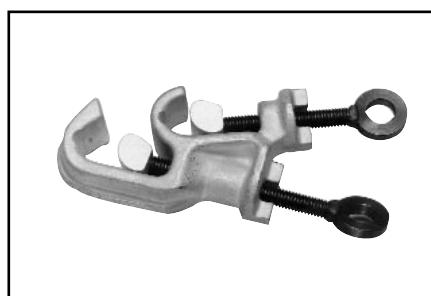


### WEJTAP™ HOTSTICK ACCESSORIES (Continued)



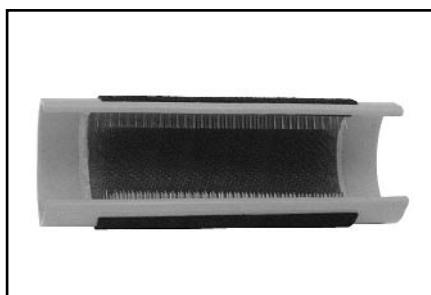
#### Type WHSGB

WEJTAP™ hotstick breech drive. Geared shotgun hotstick adapter easily latches to the breech end of WEJTAP installation tool without disassembly for use on energized lines.



#### Type WCHDCC

WEJTAP™ hotstick dual cable clamp used to hold run and tap conductors in position during hotline installation. Has small and medium tap range up to 3/4" O.D.



#### Type WHHWB

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



### WEJTAP™ KITS



#### 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.

F-30

#### Tools included in Kit (Quantity)

	WT2B2RBY WABAG	WT2BRBY WABAG	WTRBYK	WTYK	WTRBK	WT2BRBYK	WT2B2RBYK	WTY	WTRB	WTY WABAG	WTRB WABAG	WTBGBW RBYK	WTRBY WABAG
Power Unit	WTB	2	2	1	1	1	2	2	1	1	1	1	1
Self Firing Tool	WTBGBW												1
Large Frame	WTHY1S	1		1	1		1	1	1		1		1
Large T.O. Clip	WTOCY	1		1	1		1	1			1		1
Small Frame	WTHR-1S	1	1	1		1	1	2		1		1	1
Cleaning Kit	WTCK	1	1	1	1	1	1	1	1	1	1	1	1
Small T.O. Clip	WTOCBR	1	1	1		1	1	1				1	1
Carrying Case	WTCC			1		1	1	1					1
Carrying Case	WABAG	1	1							1	1		1

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



### MICROWEJ™

BURNDY MICROWEJ™ connectors are manufactured from high conductivity copper alloy, tin plated to accommodate range from 14 sol. to 1/0 ACSR (1.5 mm<sup>2</sup> to 50 mm<sup>2</sup>). For use on copper to copper, aluminum to copper and aluminum to aluminum applications.

Applications: Service Taps

- Aluminum to Aluminum
- Aluminum to Copper
- Copper to Copper

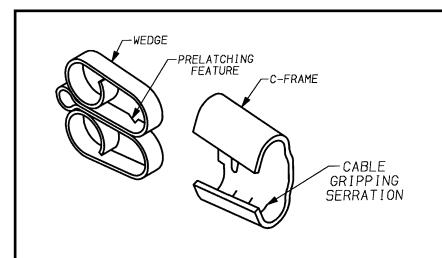
Material: Copper Alloy

Finish: Tin Plated

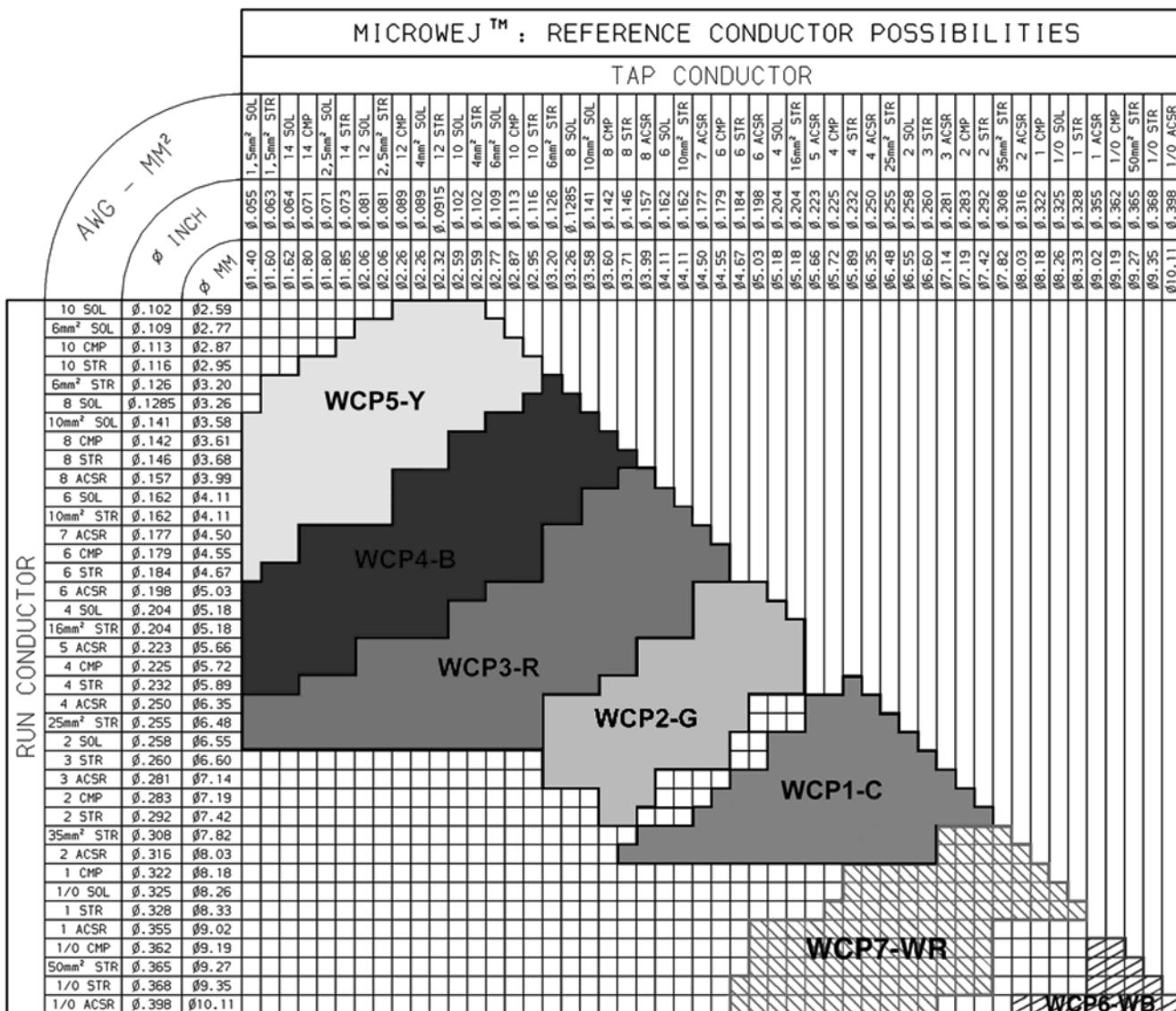
Testing: Meets the requirements  
of ANSI C119.4

### Features and Benefits

- Wedge technology without specific tools.
  - ◊ Adjustable jaw pliers are all that is required.
- Meets the requirements of ANSI C119.4.
  - ◊ Ensures long term reliability.
- Tap and Main grooves clearly marked.
  - ◊ Visual verification of correct installation.
- Prelatching tab.
  - ◊ Allows conductors to be held in place for easy positioning of pliers.
- Locking tab.
  - ◊ Ensures fully inserted and locked position of wedge in C-Frame.



- Patented spring wedge design.
  - ◊ The spring C-Frame and wedge maintains pressure to ensure a reliable connection.
- Easily removable.
  - ◊ Operations flexibility. No conductor damage.



This chart indicates the most common wire combinations. Refer to conductor selection chart for additional conductor combinations.



### MICROWEJ™ CONDUCTOR SELECTION CHART

BURNDY CAT NUMBER	COLOR CODE	TYPE NO.	RUN		TAP		SUM OF DIAMETERS	
			MIN	MAX	MIN	MAX	MIN	MAX
WCP1-C	GRAY	TYPE 1	.125 3.18 mm	.320 8.13 mm	.125 3.18 mm	.292 7.42 mm	.461 11.71 mm	.584 14.83 mm
WCP2-G	GREEN	TYPE 2	.125 3.18 mm	.320 8.13 mm	.125 3.18 mm	.205 5.21 mm	.374 9.5 mm	.440 11.18 mm
WCP3-R	RED	TYPE 3	.100 2.54 mm	.258 6.55 mm	.050 1.27 mm	.183 4.65 mm	.302 7.67 mm	.374 9.50 mm
WCP4-B	BLUE	TYPE 4	.100 2.54 mm	.258 6.55 mm	.050 1.27 mm	.183 4.65 mm	.244 6.20 mm	.302 7.67 mm
WCP5-Y	YELLOW	TYPE 5	.100 2.54 mm	.194 4.93 mm	.050 1.27 mm	.183 4.65 mm	.185 4.70 mm	.244 6.20 mm
WCP6-WB	WHITE/BLUE	TYPE 6	.315 8.00 mm	.398 10.11 mm	.315 8.00 mm	.398 10.11 mm	.713 18.11 mm	.796 20.22 mm
WCP7-WR	WHITE/RED	TYPE 7	.183 4.65 mm	.398 10.11 mm	.183 4.65 mm	.398 10.11 mm	.552 14.02 mm	.661 16.79 mm

F-32

NOTE: For a connector to be suitable for a specific application the conductor to be joined must be within all three limits identified in the table.

### SELECTION STEPS

To accomplish a connection of an 4 AWG Str Al cable .232 in [5.89 mm] with a 10 AWG Sol Cu wire .102 in [2.59 mm]

Diameter of the run cable (4 AWG Str Al cable) = .232 in [5.89 mm]

Diameter of the tap cable (10 AWG Sol Cu wire) = .102 in [2.59 mm]

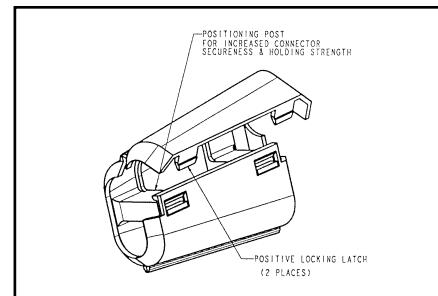
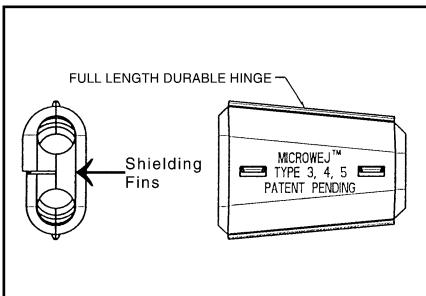
Total diameters = .334 in [8.48 mm]

Conclusion:

Search in the table (Sum of the Conductors) the min. and max. range where .334 in [8.48 mm] fits. The recommended connector is WCP3R Type 3.

### MICROWEJ™ COVER

MICROWEJ™ covers are installed on MICROWEJ™ connectors to prevent them from coming in contact with other taps or exposed ground points. The TRI-FOLD MICROWEJ™ covers incorporate a positive locking latch along with a positioning post for increased connector secureness and holding strength. Covers are manufactured from a black UV resistant material. Only two covers are required to accommodate the seven MICROWEJ™ connectors. Covers ordered separately.



WCC1267: For use with connectors WCP1C, WCP2G, WCP6WB and WCP7WR

WCC345: For use with connectors WCP3R, WCP4B and WCP5Y

### MICROWEJ™ REMOVAL TOOL

MICROWEJ™ connectors may be easily removed with the use of conventional tools or with MICROWEJ™ removal tool, specially designed to accommodate the seven sizes of MICROWEJ™ connectors.

