

THE WEJTAP™ SYSTEM

FOR ELECTRIC UTILITY
DISTRIBUTION AND
TRANSMISSION
CONNECTIONS



TABLE OF CONTENTS

Introduction	F-3	Large Conductor Connectors	F-25 - F-26
WEJTAP™ Connection System	F-4	WEJTAP™ Cover	
		WCCR, WCCB, WCCSY, WCCLY	F-27
WEJTAP™ and Test Data	F-5	Installation Tools	
Aluminum Connectors	F-6	WTRB, WTY, WTB, WTHRB, WTHY	F-28
WEJTAP™ Power Lug	F-7	Installation Tool Accessories	
WEJTAP™ Ordering Information	F-8	WTOCBR, WTOCY, WTK	F-29
Copper Connectors	F-9	Hot Stick Tool WTBGBW	F-30
Connector Selection		WEJTAP™ Hotstick Accessories	
By Conductor Size	F-10 - F-14	WHSCWH, WHSPBC	F-30
By Diameter	F-15 - F-17	WHS90ADP, WHSWADP,	
		WCHAWAS, WHSTA, WHSWB	F-31
		WHSGB, WHHWB	F-32
Stirrup Selection	F-18	WEJTAP™ Kits	F-33
By Conductor Size	F-19 - F-23		
By Diameter	F-24		

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-boosters.

The detailed information on power-boosters, 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

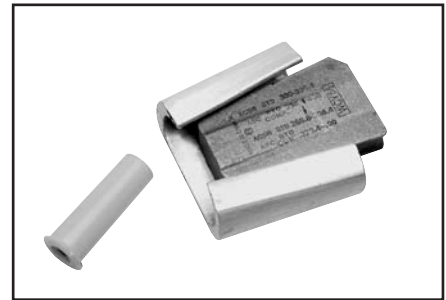
BURNDY®, a leading manufacturer of quality electrical connectors for over 70 years, introduces the WEJTAP™ SYSTEM, a system that adds further dimension to the existing BURNDY® group of proven, reliable connection systems.

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.

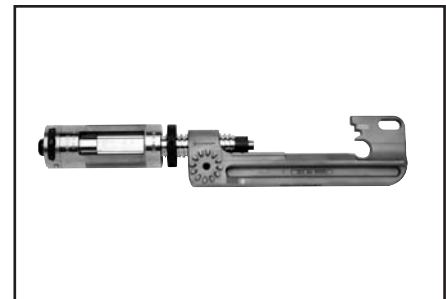
THE WEJTAP™ TOOL is a one-piece assembly that consists of a head and power unit. Two color-coded interchangeable heads accept all WEJTAP™ connectors and STIR-RUP™. The design of the tool recognizes the need for simplicity and speed of operation as well as outstanding safety features such as automatic 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.



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.

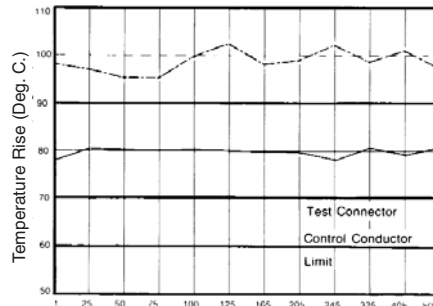


WEJTAP™ AND TEST DATA

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.

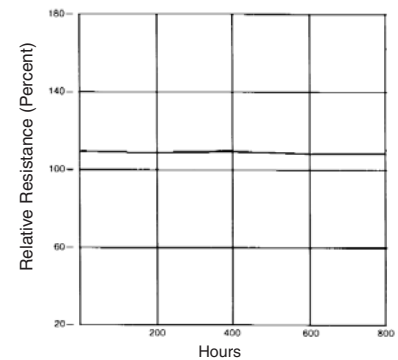
As with all BURNDY® connectors, the WEJTAP™ has been designed to operate cooler than the attached conductors. The WEJTAP™ connectors have also been subjected to the ASTM B117-73 Salt Spray Test. The results are shown to the right.

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



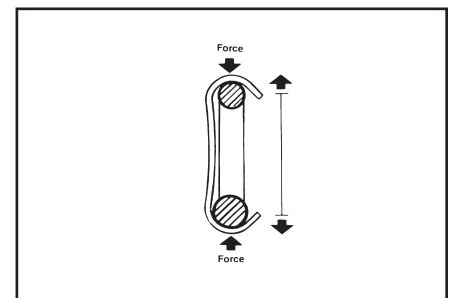
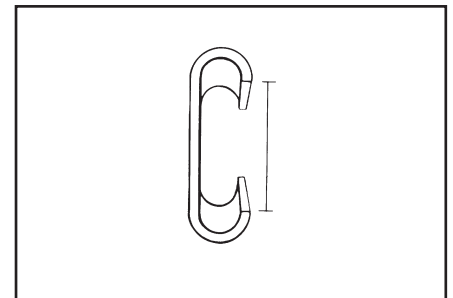
WEJTAP™

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.



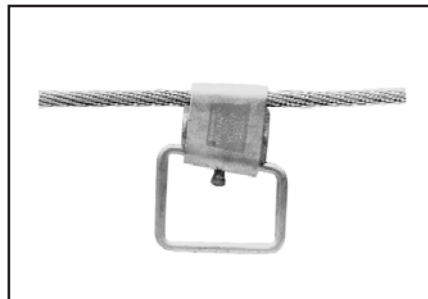
ALUMINUM WEJTAP™ CONNECTORS

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

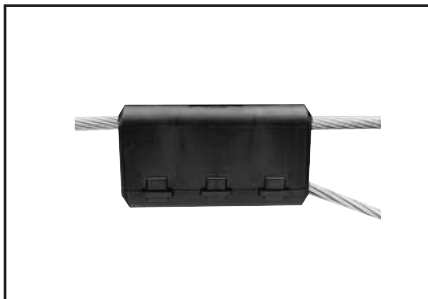


TAPS WEJTAP™ connector ranges are divided into three color-coded groups.

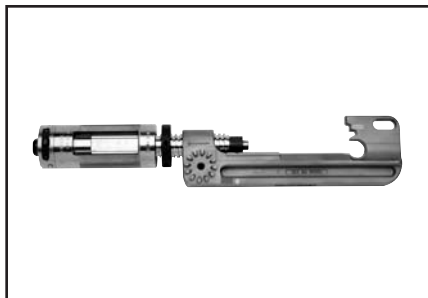
	RUN	TAP
RED	8-1/0	8-2
BLUE	2-300	6-300
YELLOW	266.8-1590	6-1590



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.

BURNDY® Products FCI

Wedge

WEJTAP™ POWER LUG

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



2 HOLE POWER LUG

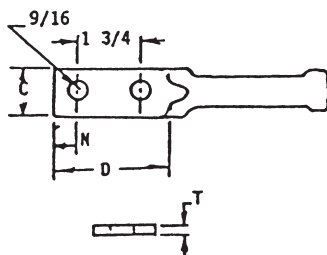


Fig. 1

4 HOLE POWER LUG

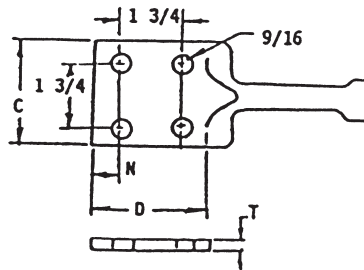


Fig. 2

4 HOLE FLAG

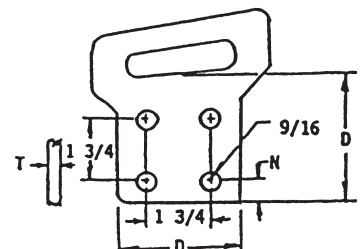


Fig. 3

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.

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

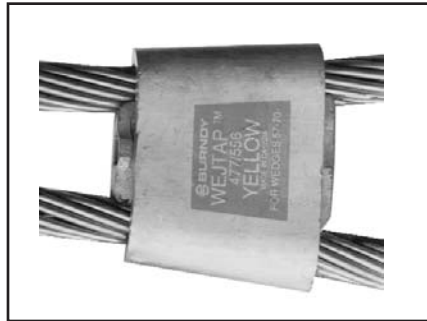
The following pages list some common conductors and the appropriate connector.

ACSR to ACSR	page F10
ACSR to AAC	page F11
ACSR to Copper	page F12
AAC to AAC	page F13
AAC to Copper	page F14
Stirrup Information	pages F18 through F24

ORDERING INFORMATION

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

Red boosters	Cat. #WPBRN Box 25
Blue boosters	Cat. #WPBBN Box 25
Yellow boosters	Cat. #WPBYN Box 25



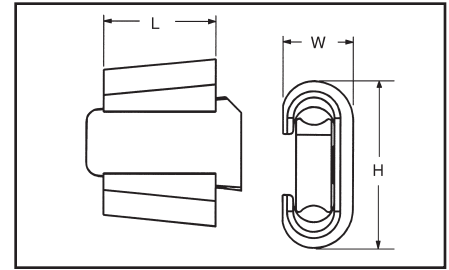
For information about conductors which are not listed, and for further ordering information, please contact BURNDY® at 1-800-346-4175.

BURNDY® Products FCI

Wedge

WEJTAP™ COPPER WEJTAP

WEJTAP™ powder actuated copper connection system for use in standard grounding applications Listed under UL467 and overhead copper-to-copper tap applications Listed under UL486A.



CATALOG NUMBER	DIMENSIONS			COPPER CONDUCTORS ACCOMMODATED		INSTALLATION BOOSTER COLOR
	H	L	W	RUN	TAP	
WCR33C-1	1.65	1.26	.79	#6 Str./Sol., #4 Str./Sol.	#6 Str./Sol.	Red
WCR32C-1	[42]	[32]	[20]	#4 Str./Sol., #2 Str./Sol.	#6 Str./Sol., #4 Str./Sol.	Red
WCB2C2C	2.40	1.63	1.02	#2 Str./Sol., #1 Sol.	#2 Str./Sol.	Blue
WCB25C4C				1/0 Str.	#6 Str./Sol., #4 Str./Sol.	Blue
WCB25C1C				1/0 Str.	#2 Str./Sol., #1 Sol.	Blue
WCB25C25				1/0 Str.	1/0 Str.	Blue
WCB26C4C				2/0 Str.	#6 Str./Sol., #4 Str./Sol.	Blue
WCB26C1C				2/0 Str.	#2 Str./Sol., #1 Sol.	Blue
WCB26C26				2/0 Str.	1/0 Str., 2/0 Str.	Blue
WCB27C4C				3/0 Str.	#4 Sol.	Blue
WCB27C1C				3/0 Str.	#2 Sol.	Blue
WCB27C26				3/0 Str.	1/0 Str., 2/0 Str.	Blue
WCB27C27				3/0 Str.	3/0 Str.	Blue
WCB28C4C				4/0 Str.	#6 Str./Sol., #4 Str./Sol.	Blue
WCB28C1C				4/0 Str.	#2 Str./Sol., #1 Sol.	Blue
WCB28C26				4/0 Str.	1/0 Str., 2/0 Str.	Blue
WCB28C28				4/0 Str.	4/0 Str.	Blue
WCB29C1C				250 kcmil	#3 Str., #2 Str./Sol., #1 Str./Sol.	Blue
WCB29C25				5/8" Cu Clad Rod	1/0 Str.	Blue
WCB29C26				250 kcmil	1/0 Str., 2/0 Str.	Blue
WCB29C28				250 kcmil, 5/8" Cu Clad Rod	3/0 Str., 4/0 Str.	Blue
WCB29C29				250 kcmil	250 kcmil	Blue
WCB30C4C	2.81	2.00	1.30	300 kcmil	#4 Str., #2 Sol.	Blue
WCB30C25	2.64	2.00	1.16	300 kcmil	1/0 Str.	Blue
WCB30C27				300 kcmil	3/0 Str.	Blue
WCB30C29				300 kcmil	5/8" Cu Clad Rod	Blue
WCB30C30				300 kcmil	300 kcmil	Blue
WCB31C5C	2.81	2.00	1.30	350 kcmil, 3/4" Cu Clad Rod	#6 Str., #5 Str., #4 Sol.	Blue
WCB31C4C				3/4" Cu Clad Rod	#4 Str.	Blue
WCB31C2C				3/4" Cu Clad Rod	#2 Str.	Blue
WCB31C26				350 kcmil, 3/4" Cu Clad Rod	2/0 Str.	Blue
WCB31C28				350 kcmil, 3/4" Cu Clad Rod	4/0 Str.	Blue
WCB31C31	—	—	—	350 kcmil	350 kcmil	Blue
WCB33C30				400 kcmil, 450 kcmil	250 kcmil, 300 kcmil	Blue
WCB34C2C	2.81	2.00	1.30	500 kcmil	#2 Str.	Blue
WCB34C26				500 kcmil	2/0 Str.	Blue
WCB34C28				500 kcmil	4/0 Str.	Blue
WCB34C29	—	—	—	500 kcmil	250 kcmil, 5/8" Cu Clad Rod	Blue
WCY34C34	3.65	3.00	1.45	500 kcmil	500 kcmil	Yellow
WCY36C36	[93]	[76]	[37]	600 kcmil	500 kcmil, 600 kcmil	Yellow

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												ACSR#8-6/1
	33	33	32	12	12	12	15	21	40	59	59	70	85	02	02	ACSR#6-6/1
		32	31	13	13	13	16	22	41	58	58	69	84	01	01	ACSR#4-6/1
			10	10	10	11	11	23	42	57	57	67	83	00	00	ACSR#2-6/1
				10	11	11	17	24	43	66	66	65	81	99	98	ACSR-1/0-6/1
					11	17	18	25	44	65	65	64	81	98	97	ACSR-2/0-6/1
						18	19	26	45	64	64	63	79	97	96	ACSR-3/0-6/1
							20	27	46	64	64	63	79	96	95	ACSR-4/0-6/1
								28	47	63	63	62	78	96	95	ACSR-266.8-18/1
									47	62	62	61	77	95	94	ACSR-336.4-18/1
										62	61	61	76	94	93	ACSR-397.5-18/1
											61	61	75	93	92	ACSR-477.0-18/1
	ACSR TO ACSR											60	74	92	91	ACSR-556.5-18/1
													72	89	88	ACSR-795.0-36/1
														87	87	ACSR-954.0-36/1
															86	ACSR-1033.5-36/1

TAP

F-10

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

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
	ACSR TO AAC											60	75	92	92	AAC-556.5
													72	89	88	AAC-795.0
														88	87	AAC-954.0
															86	AAC-1033.5

F-11

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 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													COPPER #8
	33	33	32	12	12	12	15	21	40	59	59	70	85	02	02		COPPER #6
		32	31	13	13	13	16	22	41	58	58	69	84	01	01		COPPER #4
			30	10	10	11	11	23	42	57	57	68	83	00	00		COPPER #2
				10	11	11	17	24	43	67	67	66	82	00	99		COPPER-1/0
					11	17	18	25	44	66	66	65	81	98	98		COPPER-2/0
						18	19	26	45	65	65	64	80	98	97		COPPER-3/0
							20	27	46	64	64	63	79	97	96		COPPER-4/0
								27	46	63	62	62	78	96	95		COPPER-250.0
									47	62	62	61	77	95	94		COPPER-350.0
										62	61	61	75	93	92		COPPER-500.0
											76	75	72	90	89		COPPER-750.0
	ACSR TO COPPER											92	89	87	87		COPPER-1000.0

F-12

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 WEJTAP™ CONNECTOR SELECTOR CHART

By Conductor Size

RUN																TAP	
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
AAC TO AAC												60	75	92	92		AAC-556.5
													72	89	88		AAC-795.0
														88	87	AAC-954.0	
															86	AAC-1033.5	

F-13

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 WEJTAP™ CONNECTOR SELECTOR CHART

By Conductor Size

F-14

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												COPPER #8
	33	33	32	12	12	12	15	21	40	48	59	59	85	02	02	COPPER #6
		32	31	13	13	13	16	22	41	49	58	58	84	01	01	COPPER #4
			30	29	10	14	11	23	42	50	57	57	83	00	00	COPPER #2
				10	14	11	17	24	43	51	67	66	82	99	00	COPPER-1/0
					11	17	18	25	44	52	66	65	81	98	98	COPPER-2/0
						18	19	26	45	53	65	64	80	98	97	COPPER-3/0
							20	27	46	54	64	63	79	97	96	COPPER-4/0
								27	46	55	63	62	78	96	95	COPPER-250.0
									47	56	62	61	77	95	94	COPPER-350.0
										62	61	61	75	93	92	COPPER-500.0
											76	75	72	90	89	COPPER-750.0
	AAC TO COPPER											92	89	88	87	COPPER-1000.0

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 WEJTAP™ SELECTION CHART

By Diameter

Catalog Number	Sum of Diameters		Run		Tap	
	Max	Min	Max	Min	Max	Min
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	0.6	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						
WCR29	0.723	0.584	0.398	0.257	0.398	0.257
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

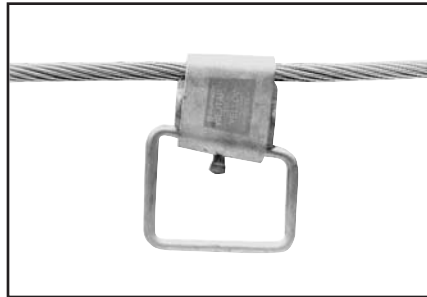
Catalog Number	Sum Of Diameters		Run		Tap	
	Max.	Min.	Max.	Min.	Max.	Min.
Installed with yellow booster						
WCY58	1.118	0.931	0.893	0.666	0.258	0.204
WCY59	1.061	0.891	0.893	0.666	0.199	0.162
WCY60	1.854	1.686	0.95	0.722	0.95	0.722
WCY61	1.741	1.524	0.94	0.683	0.94	0.666
WCY62	1.594	1.379	0.94	0.683	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

BURNDY® Products FCI

Wedge

WEJTAP™ STIRRUP™ 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
SMALL RED CABLE RANGE 6-2		
WSS1 WSS2	6 5, 4, 2	2
MEDIUM BLUE CABLE RANGE 1-300		
WSM1	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

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 BY CABLE SIZE

MEDIUM CABLE RANGE 1-300

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

$6 \frac{6}{1}$
$6 \frac{6}{1}$
6
6
4,5,6
6
—
8A, 8C, 3#12
$\frac{3}{16}$
2
WSS1

$2,3,4,5 \frac{6}{1,1}$
$2,4 \frac{6}{1,1}$
2,3,4,5
1,2,3,4
1,2,3,
2,3,4,5
$2 \frac{6}{1} 3 \frac{4}{3,2,1} 5 \frac{6}{1,4,3,2} 4 \frac{6}{1,4,3,2}$
3#7, 3#8, 3#10, 7#10 7#12, 3#9, 7#
$\frac{1}{4}, \frac{5}{16}, \frac{7}{32}, \frac{9}{32}$
2
WSS2

WEJTAP™ STIRRUP™ SELECTION BY CABLE SIZE

LARGE CABLE RANGE 300-1033.5

F-20

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

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

WEJTAP™ STIRRUP™ SELECTION BY CABLE SIZE

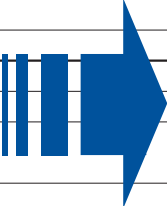
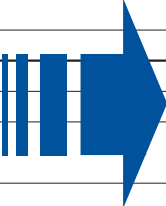
LARGE CABLE RANGE 300-1033.5

ACSR	Standard	336.4 ^{36 24 18} / _{7 7 7} 266.8 ³⁰ / ₇			
	Compact or Compressed	300 ^{18 24 30} / _{7 7 7}			
AAC ASC COPPER	Standard	211.3 ¹² / ₇ 203.2 ¹⁶ / ₁₉			
	Compact or Compressed	336.4, 397.5 ¹⁸ / ₇			
SOLID	Copper or Aluminum	336.4, 350, 397.5, 400			
AAAC		336.4, 350, 397.5, 400			
AWAC ACAR		450 - 477, 500			
Alumoweld Copperweld		355.1, 394.5, 394.6			
Galvanized Steel		336.4 ^{18 16 15} / _{7 3 4} 343.6 ¹⁵ / ₄			
Bail Size		355 ^{15 12} / _{4 7}			
Catalog Number		4/0E, 7#4, 19#7 19#8, 37#10			
		5/8			
		1/0			
		WSL1			

WEJTAP™ STIRRUP™ SELECTION BY CABLE SIZE

LARGE CABLE RANGE 300-1033.5

F-22

ACSR	Standard					
	Compact or Compressed					
AAC	Standard					550, 556.5, 600, 636
ASC	Compact or Compressed					
COPPER						—
SOLID	Copper or Aluminum					—
AAAC						559.5, 587.2, 652.4, 652.8
AWAC ACAR						653.1 ^{15 12} _{4 4} 568.3 ¹⁵ ₄
Alumoweld						19#5, 37#8
Copperweld						
Galvanized Steel						7/8
Bail Size						1/0
Catalog Number		WSL7	2/0	4/0		
		WSL8	WSL9			

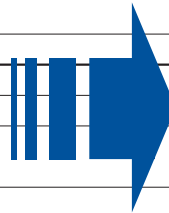
ACSR	Standard	605 636	$\left. \begin{smallmatrix} 54 & 24 & 26 & 30 & 30 \\ 7 & 7 & 7 & 19 & 7 \end{smallmatrix} \right\} 636$	$\begin{smallmatrix} 18 & 36 \\ 1 & 1 \end{smallmatrix}$					
	Compact or Compressed	653.9	$\begin{smallmatrix} 18 \\ 3 \end{smallmatrix}$	666.6		$\begin{smallmatrix} 24 & 54 & 26 \\ 7 & 7 & 7 \end{smallmatrix}$	556.5	$\begin{smallmatrix} 30 \\ 7 \end{smallmatrix}$	
	795, 874.5	$\begin{smallmatrix} 36 \\ 1 \end{smallmatrix}$							
AAC ASC COPPER	Standard	650, 700, 715.5		750					
	Compact or Compressed	795		$\begin{smallmatrix} 36 \\ 1 \end{smallmatrix}$		800, 850, 874.5,	$\begin{smallmatrix} 36 \\ 1 \end{smallmatrix}$		
SOLID	Copper or Aluminum	—							
AAAC		740.6, 740.8, 746.1							
AWAC ACAR		739.8			$\begin{smallmatrix} 33 & 30 & 24 & 18 \\ 4 & 7 & 13 & 19 \end{smallmatrix}$				
Alumoweld Copperweld		37#7							
Galvanized Steel		1"							
Bail Size		4/0							
Catalog Number		WSL10							

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

WEJTAP™ STIRRUP™ SELECTION BY CABLE SIZE

LARGE CABLE RANGE 300-1033.5

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

BURNDY® Products FCI

Wedge

WEJTAP™

Large WEJTAP™ system connectors for use in tap applications using large run and tap conductor sizes.



CATALOG NUMBER	CONDUCTOR TYPE		BOOSTER COLOR
	RUN	TAP	
WCY106	1272 AAC 61 STR	795 ACSR 45/7	Yellow
WCY107	1272 AAC 61 STR	636 ACSR 26/7	Yellow
WCY108	1272 AAC 61 STR	556.5 ACSR 26/7	Yellow
WCY109	1192.5 ACSR 45/7	556.5 SSAC 24/1	Yellow
WCY110	1272 AAC 61 STR	477 AAC	Yellow
WCY111	1272 AAC 61 STR	397.5 AAC 19 STR	Yellow
WCY112	1272 AAC 61 STR	336.4 ACSR 18/1	Yellow
WCY113	1272 AAC 61 STR	266.8 AAC	Yellow
WCY114	1272 AAC 61 STR	4/0 ACSR 6/1	Yellow
WCY121	1272 ACSR 45/7	1272 ACSR 45/7	Yellow
WCY122	1272 ACSR 45/7	1272 AAC 61 STR	Yellow
WCY125	1272 ACSR 45/7	795 ACSR 45/7	Yellow
WCY130	1272 ACSR 45/7	397.5 AAC 19 STR	Yellow
WCY131	1272 ACSR 45/7	336.4 ACSR 18/1	Yellow
WCY140	1590 ACSR 45/7	1590 ACSR 45/7	Yellow
WCY145	1590 ACSR 45/7	795 ACSR 45/7	Yellow

LARGE WEJTAP™

(Continued)

CATALOG NUMBER	SUM OF THE DIAMETERS (in) FOR NEW WEJTAP™ CONNECTORS					
	Max. Sum	Min. Sum	Max. Run	Min. Run	Max. Tap	Min. Tap
WCY106	2.418	2.258	1.302	1.242	1.187	1.087
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	2.095	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
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
WCY125	2.535	2.333	1.422	1.314	1.113	1.019
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
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

F-26

CATALOG NUMBER	METRIC SUM OF THE DIAMETERS (mm) FOR NEW WEJTAP™ CONNECTORS					
	Max. Sum	Min. Sum	Max. Run	Min. Run	Max. Tap	Min. Tap
WCY106	61.4	57.3	33.1	31.6	30.2	27.6
WCY107	60.3	56.2	33.1	31.6	27.2	24.7
WCY108	58.9	54.8	33.1	31.6	25.8	23.3
WCY109	57.3	53.2	33.1	31.6	24.2	21.6
WCY110	55.4	53.2	33.1	31.6	22.3	19.7
WCY111	53.4	49.3	33.1	31.6	20.3	17.8
WCY112	51.9	47.9	33.1	31.6	18.9	16.3
WCY113	49.8	45.7	33.1	31.6	16.7	14.2
WCY114	49.3	44.2	34.3	31.6	15.0	12.7
WCY121	72.2	67.1	36.1	33.4	36.1	33.7
WCY122	70.2	65.1	36.1	33.4	34.1	31.7
WCY125	64.4	59.3	36.1	33.4	28.3	25.9
WCY130	56.3	51.2	36.1	33.4	20.2	17.8
WCY131	54.7	49.5	36.1	33.4	18.5	16.2
WCY140	77.3	53.1	38.9	37.4	39.3	37.4
WCY145	65.9	64.4	38.9	26.2	27.8	26.2

WEJTAP™ COVER

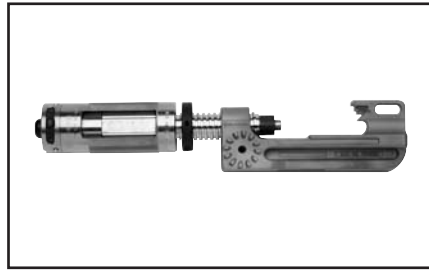
WEJTAP™ Covers are installed on WEJTAP™ connectors to prevent them from coming in contact with other taps or exposed ground points. The covers are rugged snap-on devices available in four sizes to cover all connector sizes.



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	

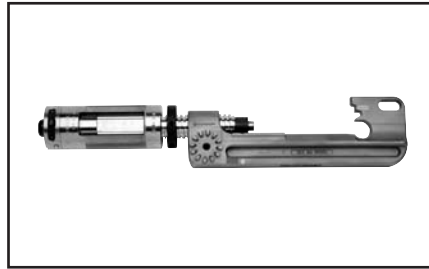
WEJTAP™ INSTALLATION TOOLS

Patented



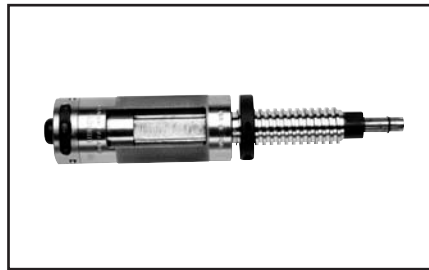
Type WTRB

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.



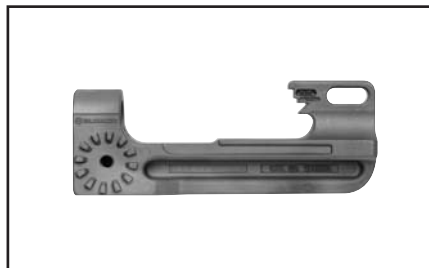
Type WTB

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



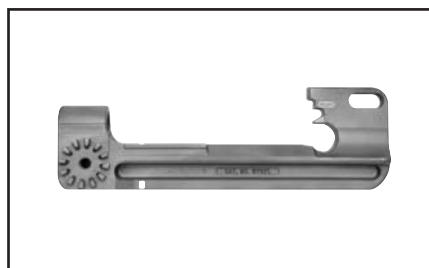
Type WTBGBW

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



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.

WEJTAP™ INSTALLATION TOOL ACCESSORIES



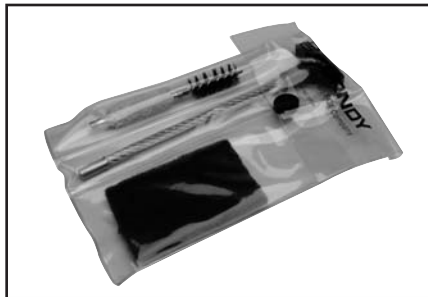
Type **WTCB**

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



Type **WTCY**

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.

WEJTAP™ HOTSTICK TOOL

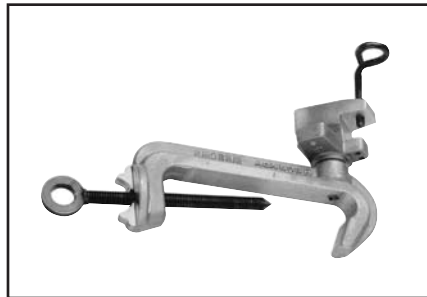


Type WTBGBW

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.

F-30

WEJTAP™ HOTSTICK ACCESORIES



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

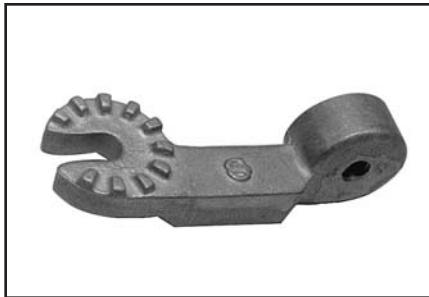
WEJTAP™ hotstick dual cable clamp used to hold run and tap conductors in position during hotline installation. Universal for all applications from #8-1272 ACSR.

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**

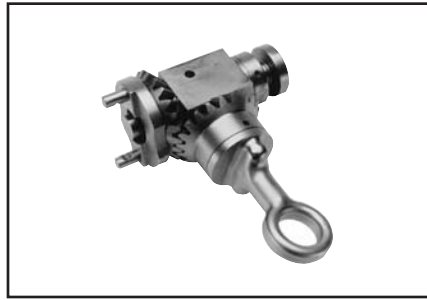
WEJTAP™ hotstick tool (actuator) hammer attaches to the universal hotstick for striking the tool actuator button to complete the installation.



Type **WHSWB**

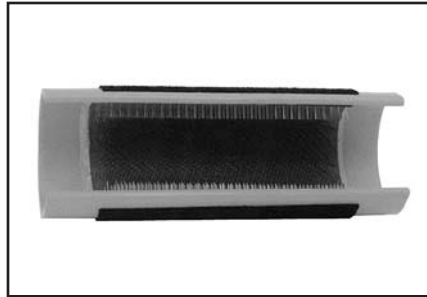
WEJTAP™ hotstick wirebrush attaches to the universal hotstick for cleaning the contact surface of the line conductor.

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 WHHWB

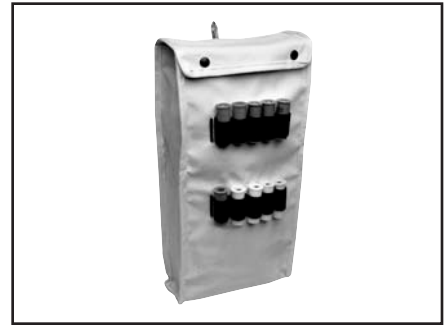
WEJTAP™ hand-held wire brush for cleaning surface contact areas on non-energized conductors.

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-33

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	1
Large T.O. Clip	WTOCY	1		1	1		1	1			1		1	1
Small Frame	WTHRB-1S	1	1	1		1	1	2		1		1	1	1
Cleaning Kit	WTCK	1	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	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