

**BURNDY®  
Telecommunications  
Connectors...**

**The industry's first choice in  
compression connections...**

BURNDY® provides a complete selection of one and two hole compression's terminals, H-taps, C-taps, and other compression connection products specifically engineered to meet the demanding applications of both the Central Office and Wireless communications markets.

All of BURNDY's compression products are designed for reliable and controllable electrical connections. All connectors are made from high conductivity electrolytic copper and operate at cooler temperatures than the conductor on which they are installed. The connectors are normally tin-plated, lead-plated, or plated with a proprietary BURNDY® brite finish to provide the industry standard in long-lasting corrosion resistance.

The complete installation is fully inspectable and UL Listed when installed with BURNDY® dies. Every die in the system is color-coded and provides die index embossment for complete inspectability.

**The Circumferential Crimp...**



Circumferential compression is solid and symmetrical. No sharp Flash.

BURNDY's circumferential crimp provides a solid, homogenous connection, with high pull out values and is rated for high voltage applications, more than sufficient for the 48 V DC operating voltage common in the telecom market. In addition the circumferential crimp doesn't require the removal of the copper flash produced by other die systems. This not only saves time in installation but removes a potential safety hazard from the job.

All of the dies in the system are color-coded to match the connectors and feature die index and die number matching to the connector for ease of installation.

**BURNDY® Tooling...  
the right choice for the job**

BURNDY® tooling installs a wide range of connectors, is reliable, cost effective, and precision engineered for durable, long-lasting service and quality connections. BURNDY's compression tooling system ranges from full cycle ratchet hand tools to 12 and 15 ton hydraulically-powered HYPRESS™ heads. Hydraulic tools are available in self-contained, battery powered, and AC service electrically powered pump and remote head designs to meet all possible installation situations.

**Industry Standards**

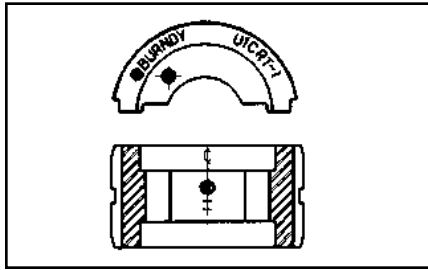
BURNDY's compression terminals, splices and tap connectors requiring third party testing and approval are listed by Underwriters Laboratories, Inc. Many have also received CSA approval, and all conform to the applicable sections of the National Electric Code.

Blue highlighted items are industry standard and most frequently ordered.

**12-TON U DIES\***

**BURNDY® Die Sets**

**Fits Y35, Y39, Y750 Series,  
PAT750-18V Series,  
PAT46-18V, Y46  
(W/PUADP-1 Adapter)**



U die case Part# **PT29291**, holds up to 15 dies

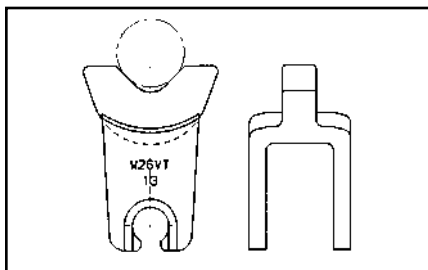
	Wire Size	Copper	Aluminum
Small	#8	<b>U8CRT</b>	<b>U8CABT</b>
	#6	<b>U5CRT</b>	<b>U6CABT</b>
	#4	<b>U4CRT</b>	<b>U4CABT</b>
	#3	<b>U3CRT</b>	N/A
	#2	<b>U2CRT</b>	<b>U2CABT</b>
	#1	<b>U1CRT-1</b>	<b>U1CART</b>
	1/0	<b>U25RT</b>	<b>U25ART</b>
	2/0	<b>U26RT</b>	<b>U26ART</b>
	3/0	<b>U27RT</b>	<b>U27ART</b>
	4/0	<b>U28RT</b>	<b>U28ART</b>
	250 kcmil	<b>U29RT</b>	<b>U29ART</b>
	300 kcmil	<b>U30RT</b>	<b>U30ART</b>
	350 kcmil	<b>U31RT</b>	<b>U31ART</b>
	400 kcmil	<b>U32RT</b>	<b>U32ART</b>
500 kcmil	<b>U34RT</b>	<b>U34ART</b>	
535 Flex kcmil	<b>U38XRT</b>	N/A	
600 kcmil	<b>U36RT</b>	<b>U36ART</b>	
750 kcmil	<b>U39RT</b>	<b>U39ART-2</b>	
Large	777 Flex	<b>U44XRT</b>	N/A

\* Non-tension U-type 12-ton dies for YA, YS, YA-A, YS-A style connectors.  
**NOTE:** N/A = not applicable.

**W DIES**

**BURNDY® Die Sets**

**Fits Tools MD6, MD7,  
Y500CTHS, PAT600-18V,  
PATMD6**



W die case Part# **CASEWDIES**, holds up to 24 dies

	Wire Size	Copper	Copper	Aluminum
Small	#8	<b>W8CVT</b>	<b>W8CRT</b>	<b>X8CART</b>
	#6	<b>W5CVT</b>	<b>W5CRT</b>	<b>W161</b>
	#4	<b>W4CVT</b>	<b>W4CRT</b>	<b>W162</b>
	#3	<b>W3CRT</b>	<b>W3CRT</b>	N/A
	#2	<b>W2CVT</b>	<b>W2CRT</b>	<b>W239</b>
	#1	<b>W1CVT</b>	<b>W1CRT</b>	<b>W163</b>
	1/0	<b>W25VT</b>	<b>W25CRT</b>	<b>W241</b>
	2/0	<b>W26VT</b>	<b>W26CRT</b>	<b>W245</b>
	3/0	<b>W27VT</b>	<b>W27CRT</b>	<b>W166</b>
	4/0	<b>W28VT</b>	<b>W28CRT</b>	<b>W660</b>
	250	<b>*W29VT</b>	<b>W29CRT</b>	N/A
	300	<b>*W30VT</b>	<b>W30CRT</b>	N/A
	350	<b>*W31VT</b>	<b>W31CRT</b>	<b>*W31ART</b>
	400	<b>*W32VT</b>	<b>W32CRT</b>	N/A
450	<b>W33VT</b>	<b>W33CRT</b>	N/A	
500	<b>*W34VT</b>	<b>W34CRT</b>	N/A	
Large	600	<b>**W36RT</b>	<b>W36CRT</b>	N/A

\* These sizes (250-500) for Y5000CTHS, MD7-34(R), BAT500, BCT500HS only.

\*\* For PAT600-18V only.

**NOTE:** N/A = not applicable.  
Suitable for use on YA, YS, YA-A, YS-A type non-tension connectors.

Blue highlighted items are industry standard and most frequently ordered.

C-10

Conductor		Installation Tooling System											Taps H-Taps Run=Tap		
		Lugs & Splices One & Two Hole				T&B Index*	Taps Thin-Wall C-taps Run=Tap, AWG only			Taps Heavy Duty C-Taps Run=Tap					
		Die	Color	Index	Code (Flex)		Die	Color	Index	Die	Color	Index			
#8/#6 sol	#8	W8CVT U8CRT	RED	49	21	W4CVT	GRAY	8	U240	RED	240	U11T-1	GREEN	11	
#6	#6	W5CVT U5CRT	BLUE	7	24	W2CVT	BROWN	10	UC	BROWN	C	UBGRT	ORANGE	BG	
#4	#4	W4CVT U4CRT	GRAY	8	29	W25VT	PINK	12	UC	BROWN	C	UC	BROWN	C	
#3/#2 sol		W3CRT U3CRT	WHITE	9	29	W26VT	BLACK	13	UC	BROWN	C	UC	BROWN	C	
#2	#2	W2CVT U2CRT	BROWN	10	33	W27VT	ORANGE	14	UC	BROWN	C	UC	BROWN	C	
#1	#1	W1CVT U1CRT-1	GREEN	11	33 (37)	W28VT	PURPLE	15	U997	ORANGE	997	U654	PURPLE	654	
1/0	1/0	W25VT U25RT	PINK	12	37 (42)	W29VT	YELLOW	16	U997	ORANGE	997	U654	PURPLE	654	
2/0	2/0	W26VT U26RT	BLACK	13	42 (45)		REFER TO CATALOG		U997	ORANGE	997	U654	PURPLE	654	
3/0	3/0	W27VT U27RT	ORANGE	14	45 (50)				U997	ORANGE	997	U654	PURPLE	654	
4/0	4/0	W28VT U28RT	PURPLE	15	50 (54)	-	-	-	U997	ORANGE	997	U654	PURPLE	654	
250	4/0/250 class G & H	W29VT U29RT	YELLOW	16	62	-	-	-	U997	ORANGE	997	U654	PURPLE	654	
300	262/250 class I, K & M	W30VT U30RT	WHITE	17	62	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
350	313	W31VT U31RT	RED	18	66	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
	350/ 373	W32VT U32RT	BLUE	19	(76)	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
500	444	W34VT U34RT	BROWN	20	76 (87)	-	-	-	U1104	BROWN	1104	U1104	BROWN	1104	
	500/ 535	U38XRT	PINK	L99	(99)	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
600		U36RT	GREEN	22	87	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
700		U38RT	PINK	400	99	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
750	646	U39RT	BLACK	24	(106)	-	-	-	P1103	BLUE	1103	PYFR	YELLOW	KR	
	750/ 777	U44XRT	YELLOW	L115	(115)										
800		P40RT	ORANGE	25	106	-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR	
1000		P44RT	WHITE	27		-	-	-	P1102	WHITE	1102	PYFR	YELLOW	KR	

\* Die set with a dash CK are not UL Listed. Please consult factory for further information.

Bolt Equivalent	
Unified Inch Hole Size	Metric Equivalent
1/4"	M6
5/16"	M8
3/8"	M10
1/2"	M12
5/8"	M16

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