

# BURNDY® Products

## Tooling

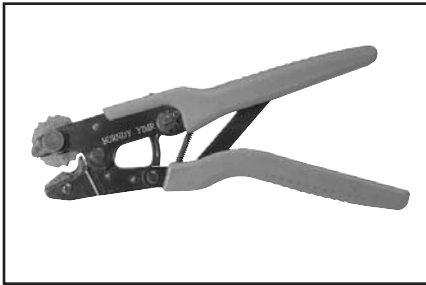
### TYPE Y1MRTC HYTOOL™

#8 – #1 COPPER HYDENT  
TERMINALS, SPLICES, AND  
#6–#6 THIN-WALL C-TAPS

Type Y1MRTC mechanical full cycle ratchet HYTOOL™ will accommodate copper compression HYDENT™ connectors for #8 through #1 code conductor, #8 through #2 Class I flexible strand copper conductor, and #2 solid. The color coded die wheel rotates to provide a proper match of the die and color coded connector. The die index is embossed on the crimped connector for permanent inspectability. A ratchet mechanism assures the tool must complete a full cycle before releasing.

#### SPECIFICATIONS

Length: 9.875"  
Height: 2.72" (closed)  
Width: .73"  
Weight: 1.7 lbs.  
Wire Range: #8-#1 code conductor,  
#8-#2 Class I Flex,  
#2 Solid  
Up to #6-#6 (Brown)  
type "YC-L CTAP"



#### BENEFITS

- Rotating die is color coded to match color coded connectors
- Die index embossment allows permanent inspectability of installed connectors to insure consistently reliable and dependable connections.
- Molded comfort grips reduce fatigue during continuous use.
- Ratchet mechanism assures a complete crimp every time.
- Emergency release mechanism allows tool to be removed from connector in case of mistaken die choice or to reposition tool.
- 5-year limited warranty.

#### Y1MRTC

Wire Range: #8-#1 AWG Class B,  
#8-#2 Class I Flex.  
#2 Solid & #3 Stranded

#### Y1MRKIT

##### Kit Contains:

Y1MRTC Full-cycle Ratchet Tool  
Sturdy Metal Carrying Case

##### Terminals:

YA8CL, YA8CL1, YA6CL,  
YAV6CLTC14FX, YA4CL,  
YAV4CLTC14FX, YA2CL,  
YAV2CLTC516FX, YA1CL

##### Splices:

YS8CL, YS6CL, YS4CL,  
YS2CL, YS1CL

#### Y1MRTCKIT

##### Kit Contains:

Y1MRTC Full-cycle Ratchet Tool  
Sturdy Metal Carrying Case

##### Terminals:

YA8CL2TC14, YA8CL2TC38,  
YA6C2TC38, YA6CL2TC14,  
YA6CL2TC14E1, YA6CL2TC14E2,  
YA6CL2TC38, YAV6CL2TC14E2FX,  
YAV6CL2TC14FX, YA4CL2TC14,  
YA4CL2TC38, YA3C2TC38,  
YA2C2TC28, YA2CL2TC38

##### Thin-Wall C-Taps:

YC4L12

#### FOR USE ON

Cu Lug and Splice Connectors				
Copper Wire Size	Connector Catalog Types	Die Index # (Color)	# of Crimps Per Barrel Length	
			Std	Long
			# 8 AWG Code & Flex	YA8C- YS8C- YAV8C- YSV8C-
#6 AWG Code	YA6C- YS6C-	7 (Blue)	1	2
#6 AWG Code & Flex	YAV6C- YSV6C-			
#4 AWG Code	YA4C- YS4C-	8 (Grey)	2	4
#4 AWG Code & Flex	YAV4C- YSV4C-			
#3 AWG #2 Sol.	YA3C- YS3C-	9 (White)	2	4
#2 AWG Code	YA2C- YS2C-	10** (Brown)	2	4
#2 AWG Code & Flex	YAV2C- YSV2C-			
#1 AWG Code	YA1C- YS1C-	11** (Green)	2	4

\*\* Die Index 10 (Brown Die) and 11 (Green Die) use the same die wheel crimp groove.

Die Index Number Embossment on Connector after Crimp for inspection verification.

Cu C-Tap Connectors				
Catalog Number	Wire Size Cu Str. AWG		Die Index # (Color)	# of Crimps
	Run	Tap		
YC10L12	14 12 10	16-14 16-14 16	49 (Red)	1
YC8L12	10 8	10 12	7 (Blue)	1
YC6L12	8 6	10-8 12-10	8 (Grey)	1
YC4L12	6 5,4	8-6 12-8	10 (Brown)	2