

**Y1MRTC**

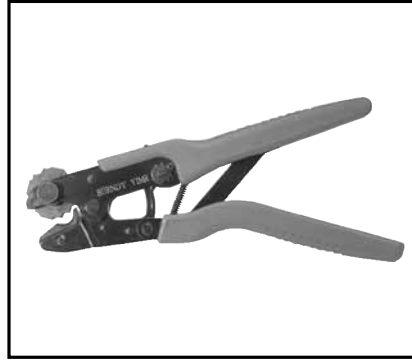
**HYTOOL™**

#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.



**Features and 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.

**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-<br>YS8C-<br>YAV8C-<br>YSV8C- | 49 (Red)            | 1                             | 2    |
| #6 AWG Code                  | YA6C-<br>YS6C-                     | 7 (Blue)            | 1                             | 2    |
| #6 AWG Code & Flex           | YAV6C-<br>YSV6C-                   |                     |                               |      |
| #4 AWG Code                  | YA4C-<br>YS4C-                     | 8 (Grey)            | 2                             | 4    |
| #4 AWG Code & Flex           | YAV4C-<br>YSV4C-                   |                     |                               |      |
| #3 AWG #2 Sol.               | YA3C-<br>YS3C-                     | 9 (White)           | 2                             | 4    |
| #2 AWG Code                  | YA2C-<br>YS2C-                     | 10** (Brown)        | 2                             | 4    |
| #2 AWG Code & Flex           | YAV2C-<br>YSV2C-                   |                     |                               |      |
| #1 AWG Code                  | YA1C-<br>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.

**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,  
YAV4CLTC516FX, 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  
YA2C2TC38 YA2CL2TC38  
YA2CL2TC14

Thin-Wall C-Taps:  
YC4L12

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