

BURNDY® Products

Tooling

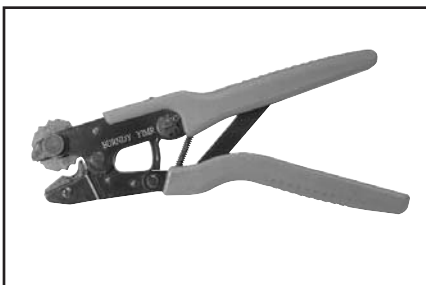
TYPE Y1MRTC HYTOOL™

#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 |