

# Copper C-Clamp



| Code No.      | Cable Size (mm <sup>2</sup> ) |         | Weight (kg) | Hydraulic crimping tools |        |        |
|---------------|-------------------------------|---------|-------------|--------------------------|--------|--------|
|               | Run                           | Tap     |             | HCT-S1                   | HCT-M1 | HCT-P1 |
| CCC 6-6       | 6-2.5                         | 6-1.5   | 0.01        | -                        | -      | -      |
| CCC 10-10     | 10                            | 10-1.5  | 0.01        | MC 10                    | MC 10  | -      |
| CCC 16-16     | 16                            | 16-1.5  | 0.02        | MC 25                    | MC 25  | -      |
| CCC 25-10     | 25                            | 10-1.5  | 0.02        | MC 25                    | MC 25  | -      |
| * CCC 25-25   | 25                            | 25-10   | 0.02        | MC 25                    | MC 25  | -      |
| CCC 35-16     | 35                            | 16-1.5  | 0.04        | MC 35                    | MC 35  | -      |
| * CCC 35-35   | 35                            | 35-10   | 0.04        | MC 35                    | MC 35  | -      |
| CCC 50-25     | 50                            | 25-4    | 0.08        | MC 70                    | MC 70  | -      |
| * CCC 50-50   | 50                            | 50-35   | 0.09        | MC 70                    | MC 70  | -      |
| CCC 70-35     | 70                            | 35-4    | 0.08        | MC 70                    | MC 70  | -      |
| * CCC 70-70   | 70                            | 70-35   | 0.08        | MC 70                    | MC 70  | -      |
| CCC 95-35     | 95                            | 35-4    | 0.13        | -                        | MC 95  | MC 95  |
| * CCC 95-95   | 95                            | 95-50   | 0.12        | -                        | MC 95  | MC 95  |
| * CCC 120-120 | 120                           | 120-25  | 0.17        | -                        | MC 185 | MC 185 |
| * CCC 150-150 | 150                           | 150-25  | 0.13        | -                        | MC 185 | MC 185 |
| * CCC 185-95  | 185                           | 95-25   | 0.13        | -                        | MC 185 | MC 185 |
| CCC 185-185   | 185                           | 185-120 | 0.23        | -                        | -      | MC 300 |
| CCC 240-70    | 240                           | 70-35   | 0.22        | -                        | -      | MC 300 |
| CCC 240-120   | 240                           | 120-95  | 0.24        | -                        | -      | MC 300 |
| CCC 240-240   | 240                           | 240-120 | 0.32        | -                        | -      | MC 300 |
| CCC 300-300   | 300                           | 300-120 | 0.28        | -                        | -      | MC 300 |



Test Certificate  
IEC 62561 Part 1  
UL 467

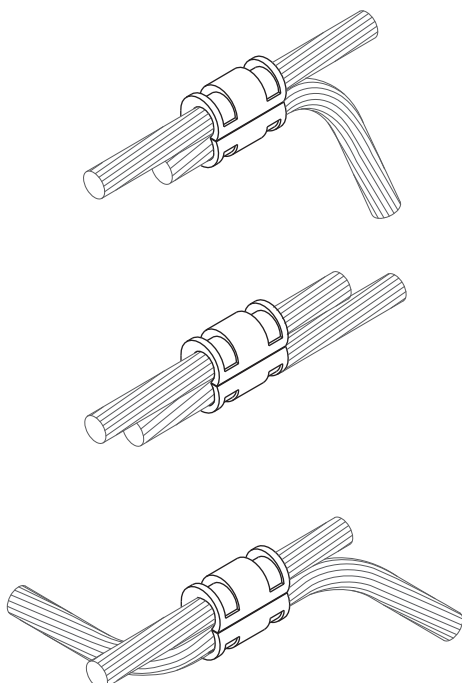


Material  
High purity copper profiles



Application  
Suitable for copper cable connection in  
grounding and lightning protection by  
using hydraulic crimping tools, HCT-S1,  
HCT-M1 and HCT-P1

**Note :** “ \* ” means to meet UL Listed



## Copper C-Clamp With Tin



| Code No.     | Cable Size (mm <sup>2</sup> ) |         | Weight (kg) | Hydraulic crimping tools |        |        |
|--------------|-------------------------------|---------|-------------|--------------------------|--------|--------|
|              | Run                           | Tap     |             | HCT-S1                   | HCT-M1 | HCT-P1 |
| CCC 6-6T     | 6-2.5                         | 6-1.5   | 0.01        | -                        | -      | -      |
| CCC 10-10T   | 10                            | 10-1.5  | 0.01        | MC 10                    | MC 10  | -      |
| CCC 16-16T   | 16                            | 16-1.5  | 0.02        | MC 25                    | MC 25  | -      |
| CCC 25-10T   | 25                            | 10-1.5  | 0.02        | MC 25                    | MC 25  | -      |
| CCC 25-25T   | 25                            | 25-10   | 0.02        | MC 25                    | MC 25  | -      |
| CCC 35-16T   | 35                            | 16-1.5  | 0.04        | MC 35                    | MC 35  | -      |
| CCC 35-35T   | 35                            | 35-10   | 0.04        | MC 35                    | MC 35  | -      |
| CCC 50-25T   | 50                            | 25-4    | 0.08        | MC 70                    | MC 70  | -      |
| CCC 50-50T   | 50                            | 50-35   | 0.09        | MC 70                    | MC 70  | -      |
| CCC 70-35T   | 70                            | 35-4    | 0.08        | MC 70                    | MC 70  | -      |
| CCC 70-70T   | 70                            | 70-35   | 0.08        | MC 70                    | MC 70  | -      |
| CCC 95-35T   | 95                            | 35-4    | 0.13        | -                        | MC 95  | MC 95  |
| CCC 95-95T   | 95                            | 95-50   | 0.12        | -                        | MC 95  | MC 95  |
| CCC 120-120T | 120                           | 120-25  | 0.17        | -                        | MC 185 | MC 185 |
| CCC 150-150T | 150                           | 150-25  | 0.13        | -                        | MC 185 | MC 185 |
| CCC 185-95T  | 185                           | 95-25   | 0.13        | -                        | MC 185 | MC 185 |
| CCC 185-185T | 185                           | 185-120 | 0.23        | -                        | -      | MC 300 |
| CCC 240-70T  | 240                           | 70-35   | 0.22        | -                        | -      | MC 300 |
| CCC 240-120T | 240                           | 120-95  | 0.24        | -                        | -      | MC 300 |
| CCC 240-240T | 240                           | 240-120 | 0.32        | -                        | -      | MC 300 |
| CCC 300-300T | 300                           | 300-120 | 0.28        | -                        | -      | MC 300 |



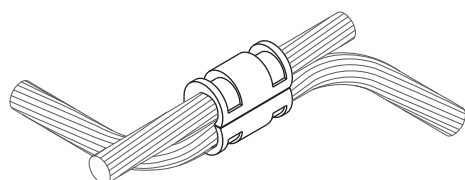
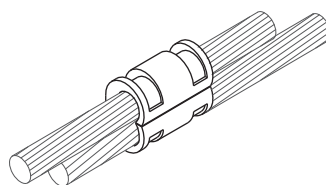
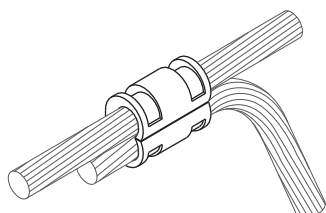
**Test Certificate**  
IEC 62561 Part 1



**Material**  
High purity copper profiles and tin plated.



**Application**  
Suitable for copper cable connection in grounding and lightning protection by using hydraulic crimping tools, HCT-S1, HCT-M1 and HCT-P1



## Hydraulic Crimping Tool



### HCT-S1

HCT-S1 Hydraulic Crimping Tool with interchangeable die is suitable for compression of electrical connector on copper or aluminum lug and C-Clamp with 180 degree fully rotated tool head.



**Specification**  
Crimping force 60 KN  
Stroke 17 mm  
Length 460 mm  
Weight 3.3 kg



**Application**  
Copper Lugs size 10-300 mm<sup>2</sup>  
C-Clamp Code no. CCC 10-10 to CCC 70-70



### HCT-M1

HCT-M1 Hydraulic Crimping Tool with interchangeable die is suitable for compression of electrical connector on copper or aluminum lug and C-Clamp with 180 degree fully rotated tool head. The double speed action provides a fast advance speed for rapid approach of the dies to the connector and a lower more powerful speed for crimping.



**Specification**  
Crimping force 120 KN  
Stroke 42 mm  
Length 550 mm  
Weight 7.0 kg



**Application**  
Copper Lugs size 10-400 mm<sup>2</sup>  
C-Clamp Code no. CCC 10-10 to CCC 185-95



### HCT-P1

HCT-P1 Hydraulic Pump Set is suitable for electrical connector and a die for connector copper or aluminium lug and C-Clamp in advance operation and no electricity. Oil can be released quickly with 2 stages of high and low pressure which are available besides quick coupling.



**Specification**  
Crimping force 540 KN  
Stroke 28 mm  
Length 380 mm  
Weight 43.4 kg  
Hydraulic pump 11.4 kg  
Crimping tool 32 kg



**Application**  
Copper Lugs size 400-1000 mm<sup>2</sup>  
C-Clamp Code no. CCC 95-35 to CCC 300-300