

# Cable terminations

## Copper tube terminals

### T Range (1.5mm<sup>2</sup> - 6.0mm<sup>2</sup>)

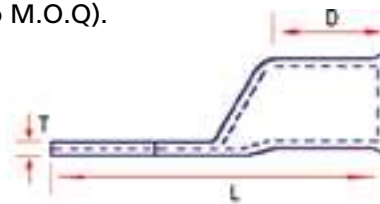
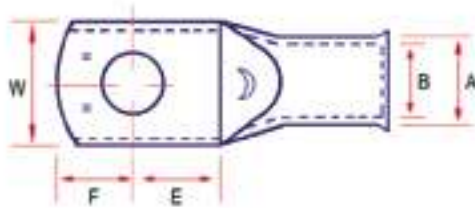
**Application:** Un-insulated heavy duty terminals suitable for power cables up to 1000 volts.

**Material:** Manufactured from seamless copper tube to BS EN 12449:2016

**Finish:** Electro Tin plated to BS 1872:1984



- Tensile and electrical performance requirements to BS EN 61238-1:2003
- All terminals are manufactured from 99.5% copper and double annealed to ensure optimum ductility to avoid severe deformation such as cracking and splitting when crimped
- Terminals are supplied with an inspection window which enables the user to ensure full and correct insertion of the conductor and a flared or chamfered entry ensures a smooth transition from terminal to conductor
- High temperature versions available (subject to M.O.Q).
- All SWA terminals are identified with the unique SWA part number denoting cable size and stud hole size for full traceability to ensure correct selection of the appropriate tool and dies



### Tool Selection

| Cond. Size<br>mm <sup>2</sup><br>Strand/Flex | Part No. | Pack Qty | Stud Hole | Dimensions in mm |     |      |     |     |      |      |     | SUPPLIED WITH DIES | Mechanical crimp tools |   |   |        | Hydraulic/Battery crimp tools |        |         |
|--|----------|----------|-----------|------------------|-----|------|-----|-----|------|------|-----|--------------------|------------------------|---|---|--------|-------------------------------|--------|---------|
|  |          |          |           | A                | B   | W    | E   | F   | D    | L    | T   |                    | Y                      | Y | Y | Y      | Y                             | Y      | Y       |
| 1.5*/1.5                                     | 1.5-4T   | 100      | M4        | 3.3              | 1.8 | 8.5  | 6.0 | 6.0 | 6.0  | 18.0 | 0.8 | Y                  | Y                      | Y | Y | RP1516 | RP625                         | CT650H | CT6120H |
|  | 1.5-5T   | 100      | M5        | 3.3              | 1.8 | 9.5  | 6.0 | 6.0 | 6.0  | 20.0 | 0.8 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 1.5-6T   | 100      | M6        | 3.3              | 1.8 | 10.5 | 6.0 | 6.0 | 6.0  | 20.0 | 0.8 | Y                  | Y                      | Y | Y |        |                               |        |         |
| 2.5*/2.5                                     | 2.5-4T   | 100      | M4        | 4.2              | 2.4 | 8.5  | 6.0 | 6.0 | 7.0  | 19.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 2.5-5T   | 100      | M5        | 4.2              | 2.4 | 9.5  | 6.0 | 6.0 | 7.0  | 21.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 2.5-6T   | 100      | M6        | 4.2              | 2.4 | 10.5 | 6.0 | 6.0 | 7.0  | 21.0 | 0.8 | Y                  | Y                      | Y | Y |        |                               |        |         |
| 4*/4   | 4-4T     | 100      | M4        | 5.0              | 3.0 | 8.5  | 6.0 | 5.5 | 9.0  | 25.0 | 1.3 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 4-5T     | 100      | M5        | 5.0              | 3.0 | 9.5  | 6.0 | 6.0 | 9.0  | 25.0 | 1.1 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 4-6T     | 100      | M6        | 5.0              | 3.0 | 10.5 | 9.5 | 6.0 | 9.0  | 25.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 4-8T     | 100      | M8        | 5.0              | 3.5 | 12.0 | 9.5 | 9.5 | 9.0  | 33.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 4-10T    | 100      | M10       | 5.0              | 3.5 | 14.0 | 9.5 | 9.5 | 9.0  | 33.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |
| 6*/6   | 6-4T     | 100      | M4        | 6.0              | 4.0 | 8.0  | 6.0 | 6.0 | 9.0  | 28.0 | 1.6 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 6-5T     | 100      | M5        | 6.0              | 4.0 | 9.0  | 6.0 | 6.0 | 9.0  | 28.0 | 1.6 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 6-6T     | 100      | M6        | 6.0              | 4.0 | 11.0 | 6.0 | 6.0 | 9.0  | 28.0 | 1.4 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 6-8T     | 100      | M8        | 6.0              | 4.0 | 13.0 | 9.5 | 9.5 | 10.0 | 35.0 | 1.1 | Y                  | Y                      | Y | Y |        |                               |        |         |
|  | 6-10T    | 100      | M10       | 6.0              | 4.0 | 14.5 | 9.5 | 9.5 | 10.0 | 35.0 | 1.0 | Y                  | Y                      | Y | Y |        |                               |        |         |

\* Denotes chamfered cable entry

# Cable terminations

## Copper tube terminals

### TQ™ Range – B.S. Approved (10mm² - 70mm²)

| Cond. Size<br>mm²<br>Strand/Flex | Part No. | Pk Qty | Stud Hole | Dimensions in mm |     |      |      |      |      |      |     |
|----------------------------------|----------|--------|-----------|------------------|-----|------|------|------|------|------|-----|
|                                  |          |        |           | A                | B   | W    | E    | F    | D    | L    | T   |
| 10 / 10                          | 10-5TQ   | 50     | M5        | 6.9              | 4.4 | 11.0 | 5.9  | 5.1  | 9.0  | 27.0 | 2.0 |
|                                  | 10-6TQ   | 50     | M6        | 6.9              | 4.4 | 11.0 | 5.9  | 5.1  | 9.0  | 27.0 | 2.0 |
|                                  | 10-8TQ   | 50     | M8        | 6.9              | 4.4 | 14.0 | 9.75 | 8.25 | 11.0 | 35.0 | 1.6 |
|                                  | 10-10TQ  | 50     | M10       | 6.9              | 4.4 | 6.0  | 12.0 | 10.0 | 10.0 | 39.0 | 1.5 |
|                                  | 10-12TQ  | 50     | M12       | 6.9              | 4.4 | 18.0 | 12.0 | 10.0 | 10.0 | 39.0 | 1.3 |
| 16 / 16                          | 16-5TQ   | 10     | M5        | 8.0              | 5.6 | 11.0 | 5.9  | 5.1  | 11.0 | 29.5 | 2.2 |
|                                  | 16-6TQ   | 10     | M6        | 8.0              | 5.6 | 11.0 | 5.9  | 5.1  | 11.0 | 29.5 | 2.2 |
|                                  | 16-8TQ   | 10     | M8        | 8.0              | 5.6 | 14.0 | 9.75 | 8.25 | 11.0 | 38.0 | 1.7 |
|                                  | 16-10TQ  | 10     | M10       | 8.0              | 5.6 | 16.0 | 12.0 | 10.0 | 11.0 | 42.0 | 1.5 |
|                                  | 16-12TQ  | 10     | M12       | 8.0              | 5.6 | 18.0 | 12.0 | 10.0 | 11.0 | 42.0 | 1.3 |
| 25 / 25                          | 25-5TQ   | 10     | M5        | 9.5              | 7.0 | 13.5 | 9.75 | 8.25 | 13.0 | 40.0 | 2.4 |
|                                  | 25-6TQ   | 10     | M6        | 9.5              | 7.0 | 13.5 | 9.75 | 8.25 | 13.0 | 40.0 | 2.4 |
|                                  | 25-8TQ   | 10     | M8        | 9.5              | 7.0 | 13.5 | 9.75 | 8.25 | 13.0 | 40.0 | 2.4 |
|                                  | 25-10TQ  | 10     | M10       | 9.5              | 7.0 | 16.0 | 12.0 | 10.0 | 13.0 | 44.0 | 2.0 |
|                                  | 25-12TQ  | 10     | M12       | 9.5              | 7.0 | 18.0 | 12.0 | 10.0 | 13.0 | 44.0 | 1.8 |

#### Tool Selection

| SUPPLIED WITH DIES | Mechanical crimp tools |   |   |   |   |   | Hydraulic/Battery crimp tools  |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------|------------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|
|                    | Y                      | Y | Y | Y | Y | Y | Y  | Y | Y | Y | Y | Y | Y | Y | N | N | Y | Y | Y |
| CRIMP PROFILE      | ☾                      |   |   |   |   |   | ⬢  |   |   |   |   |   |   |   |   |   |   |   |   |
|                    | RP1516<br>RP16         |   |   |   |   |   | RT10150H<br>HT10150MC<br>HH10150H<br>HHI-10150<br>HHI-10400<br>HH10400H<br>HCH10400 (requires foot pump – see page 161)<br>HCH10630 (requires foot pump – see page 161)<br>BCCT10300<br>BCT10300<br>BCT10400<br>BCT10240 |   |   |   |   |   |   |   |   |   |   |   |   |

| Cond. Size<br>mm²<br>Strand/Flex | Part No. | Pk Qty | Stud Hole | Dimensions in mm |      |      |      |      |      |      |     |
|----------------------------------|----------|--------|-----------|------------------|------|------|------|------|------|------|-----|
|                                  |          |        |           | A                | B    | W    | E    | F    | D    | L    | T   |
| 35 / 35                          | 35-6TQ   | 10     | M6        | 11.0             | 8.2  | 15.5 | 9.75 | 8.25 | 14.0 | 41.0 | 2.8 |
|                                  | 35-8TQ   | 10     | M8        | 11.0             | 8.2  | 15.5 | 9.75 | 8.25 | 14.0 | 41.0 | 2.8 |
|                                  | 35-10TQ  | 10     | M10       | 11.0             | 8.2  | 15.5 | 12.0 | 10.0 | 14.0 | 45.0 | 2.8 |
|                                  | 35-12TQ  | 10     | M12       | 11.0             | 8.2  | 18.0 | 12.0 | 10.0 | 14.0 | 45.0 | 2.2 |
|                                  | 35-14TQ  | 10     | M14       | 11.0             | 8.2  | 20.0 | 12.0 | 10.0 | 14.0 | 45.0 | 2.0 |
|                                  | 35-16TQ  | 10     | M16       | 11.0             | 8.2  | 20.0 | 12.0 | 10.0 | 14.0 | 45.0 | 2.0 |
| 50 / 50                          | 50-6TQ   | 10     | M6        | 12.1             | 9.45 | 17.2 | 9.75 | 8.25 | 18.0 | 46.0 | 2.4 |
|                                  | 50-8TQ   | 10     | M5        | 12.1             | 9.45 | 17.2 | 9.75 | 8.25 | 18.0 | 46.0 | 2.4 |
|                                  | 50-10TQ  | 10     | M10       | 12.1             | 9.45 | 17.2 | 12.0 | 10.0 | 18.0 | 50.0 | 2.4 |
|                                  | 50-12TQ  | 10     | M12       | 12.1             | 9.45 | 17.2 | 12.0 | 10.0 | 18.0 | 50.0 | 2.4 |
|                                  | 50-14TQ  | 10     | M14       | 12.1             | 9.45 | 20.0 | 15.0 | 12.0 | 18.0 | 55.0 | 1.9 |
|                                  | 50-16TQ  | 10     | M16       | 12.1             | 9.45 | 22.0 | 15.0 | 12.0 | 18.0 | 55.0 | 1.7 |
| 70 / 70                          | 70-6TQ   | 10     | M6        | 15.0             | 11.2 | 21.2 | 9.75 | 8.25 | 18.0 | 48.0 | 3.5 |
|                                  | 70-8TQ   | 10     | M8        | 15.0             | 11.2 | 21.2 | 9.75 | 8.25 | 18.0 | 48.0 | 3.5 |
|                                  | 70-10TQ  | 10     | M10       | 15.0             | 11.2 | 21.2 | 12.0 | 10.0 | 18.0 | 52.0 | 3.5 |
|                                  | 70-12TQ  | 10     | M12       | 15.0             | 11.2 | 21.2 | 12.0 | 10.0 | 18.0 | 52.0 | 3.5 |
|                                  | 70-14TQ  | 10     | M14       | 15.0             | 11.2 | 21.2 | 16.5 | 16.5 | 18.0 | 63.0 | 3.5 |
|                                  | 70-16TQ  | 10     | M16       | 15.0             | 11.2 | 21.2 | 16.5 | 16.5 | 18.0 | 63.0 | 3.5 |

#### Tool Selection

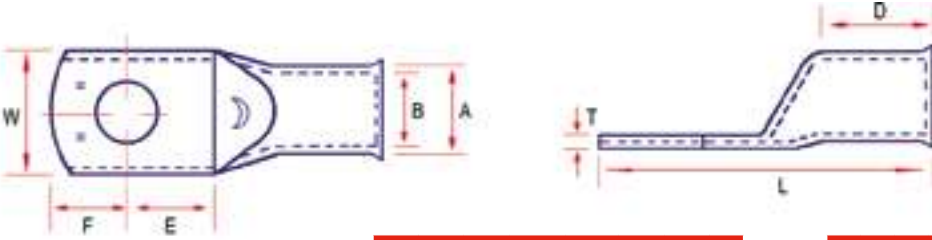
| SUPPLIED WITH DIES | Mechanical crimp tools |   |   |   |   |   | Hydraulic/Battery crimp tools  |   |   |   |   |   |   |   |   |   |   |
|--------------------|------------------------|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|
|                    | Y                      | Y | Y | Y | Y | Y | Y  | Y | Y | Y | N | N | N | N | Y | Y | Y |
| CRIMP PROFILE      | ⬢                      |   |   |   |   |   | ☾  |   |   |   |   |   |   |   |   |   |   |
|                    | CT650H                 |   |   |   |   |   | RT10150H<br>HT10150MC<br>HH10150H<br>HHI-10150<br>HHI-10400<br>HH10400H<br>HCH10400 (requires foot pump – see page 161)<br>HCH10630 (requires foot pump – see page 161)<br>BCCT10300<br>BCT10300<br>BCT10400<br>BCT10240 |   |   |   |   |   |   |   |   |   |   |

Use hexagonal crimp profile tooling to comply with BS EN 61238-1:2003

# Cable terminations

## Copper tube terminals

### TQ™ Range – B.S. Approved (95mm<sup>2</sup> - 300mm<sup>2</sup>)



### Tool Selection

| Cond. Size<br>mm <sup>2</sup><br>Strand/Flex | Part No. | Pack Qty | Stud Hole | Dimensions in mm   |      |      |       |       |      |      |     | Tool Selection   |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--|----------|----------|-----------|--------------------|------|------|-------|-------|------|------|-----|--|--|--|---|---|---|---|-------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |          |          |           | A                  | B    | W    | E     | F     | D    | L    | T   | Mechanical crimp tools   |  |  |   |   |   |   | Hydraulic/Battery crimp tools |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  |          |          |           | SUPPLIED WITH DIES |      |      |       |       |      |      |     |  |  |  | Y | Y | Y | Y | Y                             | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | N | Y | Y | Y | Y |   |   |   |   |   |   |   |   |   |   |
|  |          |          |           | CRIMP PROFILE      |      |      |       |       |      |      |     |  |  |  | ▲ | ▲ | ▲ | ▲ | ▲                             | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| 95 / 95                                      | 95-6TQ   | 10       | M6        | 17.0               | 13.5 | 24.3 | 12.0  | 10.0  | 24.0 | 58.0 | 3.5 | CT1095i  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 95-8TQ   | 10       | M8        | 17.0               | 13.5 | 24.3 | 12.0  | 10.0  | 24.0 | 58.0 | 3.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 95-10TQ  | 10       | M10       | 17.0               | 13.5 | 24.3 | 12.0  | 10.0  | 24.0 | 58.0 | 3.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 95-12TQ  | 10       | M12       | 17.0               | 13.5 | 24.3 | 12.0  | 10.0  | 24.0 | 52.0 | 3.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 95-14TQ  | 10       | M14       | 17.0               | 13.5 | 21.2 | 12.0  | 10.0  | 24.0 | 52.0 | 3.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 95-16TQ  | 10       | M16       | 17.0               | 13.5 | 21.2 | 12.0  | 10.0  | 24.0 | 52.0 | 3.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 120 / 120                                    | 120-8TQ  | 10       | M8        | 19.0               | 15.0 | 27.2 | 16.5  | 16.5  | 27.0 | 73.0 | 4.0 | CT6120H<br>CT16120H  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 120-10TQ | 10       | M10       | 19.0               | 15.0 | 27.2 | 16.5  | 16.5  | 27.0 | 73.0 | 4.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 120-12TQ | 10       | M12       | 19.0               | 15.0 | 27.2 | 16.5  | 16.5  | 27.0 | 73.0 | 4.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 120-14TQ | 10       | M14       | 19.0               | 15.0 | 27.2 | 16.5  | 16.5  | 27.0 | 73.0 | 4.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 120-16TQ | 10       | M16       | 19.0               | 15.0 | 27.2 | 16.5  | 16.5  | 27.0 | 73.0 | 4.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 120-20TQ | 10       | M20       | 19.0               | 15.0 | 27.2 | 16.5  | 18.5  | 27.0 | 75.0 | 4.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 150 / 150                                    | 150-8TQ  | 10       | M8        | 21.0               | 16.5 | 30.0 | 16.5  | 16.5  | 27.0 | 78.0 | 4.5 | CT10240H<br>CT10240i   |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 150-10TQ | 10       | M10       | 21.0               | 16.5 | 30.0 | 16.5  | 16.5  | 27.0 | 78.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 150-12TQ | 10       | M12       | 21.0               | 16.5 | 30.0 | 16.5  | 16.5  | 27.0 | 78.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 150-14TQ | 10       | M14       | 21.0               | 16.5 | 30.0 | 16.5  | 16.5  | 27.0 | 78.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 150-16TQ | 10       | M16       | 21.0               | 16.5 | 30.0 | 16.5  | 16.5  | 27.0 | 78.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 150-20TQ | 10       | M20       | 21.0               | 16.5 | 30.0 | 18.75 | 14.25 | 27.0 | 78.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 185 / -                                      | 185-10TQ | 10       | M10       | 23.0               | 18.5 | 33.5 | 16.5  | 16.5  | 30.0 | 82.0 | 4.5 | HHI-10150<br>HHI-10400<br>HHI0400H   |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 185-12TQ | 10       | M12       | 23.0               | 18.5 | 33.5 | 16.5  | 16.5  | 30.0 | 82.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 185-14TQ | 10       | M14       | 23.0               | 18.5 | 33.5 | 16.5  | 16.5  | 30.0 | 82.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 185-16TQ | 10       | M16       | 23.0               | 18.5 | 33.5 | 16.5  | 16.5  | 30.0 | 82.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 185-20TQ | 10       | M20       | 23.0               | 18.5 | 33.5 | 18.75 | 14.25 | 30.0 | 82.0 | 4.5 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 240 / -                                      | 240-10TQ | 5        | M10       | 26.0               | 21.0 | 37.7 | 18.0  | 17.0  | 32.0 | 88.0 | 5.0 | HCH10400 (requires foot pump – see page 161)<br>HCH10630 (requires foot pump – see page 161) |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 240-12TQ | 5        | M12       | 26.0               | 21.0 | 37.7 | 18.0  | 17.0  | 32.0 | 88.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 240-14TQ | 5        | M14       | 26.0               | 21.0 | 37.7 | 18.0  | 17.0  | 32.0 | 88.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 240-16TQ | 5        | M16       | 26.0               | 21.0 | 37.7 | 18.0  | 17.0  | 32.0 | 88.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 240-20TQ | 5        | M20       | 26.0               | 21.0 | 37.7 | 18.0  | 17.0  | 32.0 | 88.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 300 / -                                      | 300-10TQ | 5        | M10       | 28.0               | 23.0 | 41.0 | 18.0  | 17.0  | 37.0 | 97.0 | 5.0 | BCCT10300<br>BCT10300<br>BCT10400  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 300-12TQ | 5        | M12       | 28.0               | 23.0 | 41.0 | 18.0  | 17.0  | 37.0 | 97.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 300-14TQ | 5        | M14       | 28.0               | 23.0 | 41.0 | 18.0  | 17.0  | 37.0 | 97.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 300-16TQ | 5        | M16       | 28.0               | 23.0 | 41.0 | 18.0  | 17.0  | 37.0 | 97.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|  | 300-20TQ | 5        | M20       | 28.0               | 23.0 | 41.0 | 18.0  | 17.0  | 37.0 | 97.0 | 5.0 |  |  |  |   |   |   |   |                               |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Use hexagonal crimp profile tooling to comply with BS EN 61238-1:2003

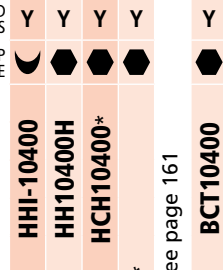
# Cable terminations

## Copper tube terminals

### TQ™ Range – B.S. Approved (400mm<sup>2</sup> - 630mm<sup>2</sup>)

| Cond. Size<br>mm <sup>2</sup><br>Strand/Flex | Part No. | Pack Qty | Stud Hole | Dimensions in mm |      |      |      |      |      |       |      | S | T | Tool Selection                |   |   |   |   |
|--|----------|----------|-----------|------------------|------|------|------|------|------|-------|------|---|---|-------------------------------|---|---|---|---|
|  |          |          |           | A                | B    | W    | E    | F    | D    | L     | T    |   |   | Hydraulic/Battery crimp tools |   |   |   |   |
| 400 / -                                      | 400-10TQ | 5        | M10       | 32.0             | 27.0 | 47.3 | 25.0 | 25.0 | 38.0 | 113.0 | 5.0  |   |   | Y                             | Y | Y | Y | Y |
|  | 400-12TQ | 5        | M12       | 32.0             | 27.0 | 47.3 | 25.0 | 25.0 | 38.0 | 113.0 | 5.0  |   |   | Y                             | Y | Y | Y | Y |
|  | 400-14TQ | 5        | M14       | 32.0             | 27.0 | 47.3 | 25.0 | 25.0 | 38.0 | 113.0 | 5.0  |   |   | Y                             | Y | Y | Y | Y |
|  | 400-16TQ | 5        | M16       | 32.0             | 27.0 | 47.3 | 25.0 | 25.0 | 38.0 | 113.0 | 5.0  |   |   | Y                             | Y | Y | Y | Y |
|  | 400-20TQ | 5        | M20       | 32.0             | 27.0 | 47.3 | 25.0 | 25.0 | 38.0 | 113.0 | 5.0  |   |   | Y                             | Y | Y | Y | Y |
| 500* / -                                     | 500-12TQ | 2        | M12       | 38.1             | 30.0 | 55.0 | 29.0 | 25.0 | 44.0 | 127.0 | 8.2  |   |   | Y                             | Y | Y | Y | Y |
|  | 500-14TQ | 2        | M14       | 38.1             | 30.0 | 55.0 | 29.0 | 25.0 | 44.0 | 127.0 | 8.2  |   |   | Y                             | Y | Y | Y | Y |
|  | 500-16TQ | 2        | M16       | 38.1             | 30.0 | 55.0 | 29.0 | 25.0 | 44.0 | 127.0 | 8.2  |   |   | Y                             | Y | Y | Y | Y |
|  | 500-20TQ | 2        | M20       | 38.1             | 30.0 | 55.0 | 29.0 | 25.0 | 44.0 | 127.0 | 8.2  |   |   | Y                             | Y | Y | Y | Y |
| 630* / -                                     | 630-12TQ | 2        | M12       | 44.0             | 33.8 | 63.0 | 25.0 | 23.0 | 46.0 | 127.0 | 10.2 |   |   | Y                             | Y | Y | Y | Y |
|  | 630-14TQ | 2        | M14       | 44.0             | 33.8 | 63.0 | 25.0 | 23.0 | 46.0 | 127.0 | 10.2 |   |   | Y                             | Y | Y | Y | Y |
|  | 630-16TQ | 2        | M16       | 44.0             | 33.8 | 63.0 | 25.0 | 23.0 | 46.0 | 127.0 | 10.2 |   |   | Y                             | Y | Y | Y | Y |
|  | 630-20TQ | 2        | M20       | 44.0             | 33.8 | 63.0 | 25.0 | 23.0 | 46.0 | 127.0 | 10.2 |   |   | Y                             | Y | Y | Y | Y |

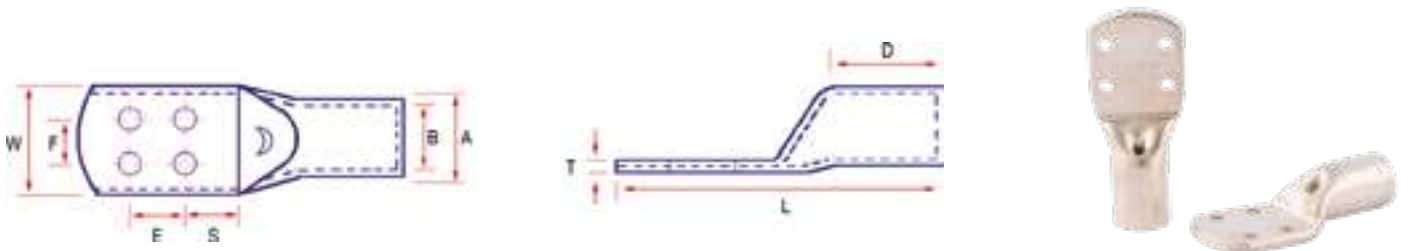
SUPPLIED WITH DIES  
CRIMP PROFILE



HCH10630\*  
\*requires foot pump – see page 161

\*Denotes chamfered cable entry

### 4 Hole Transformer Fixing Terminals



| Part No.      |                |                            | Dimensions in mm |      |      |      |      |      |       |      |      |
|---------------|----------------|----------------------------|------------------|------|------|------|------|------|-------|------|------|
| 8mm Stud Hole | 10mm Stud Hole | Cable Size mm <sup>2</sup> | A                | B    | W    | E    | F    | D    | L     | S    | T    |
| 120-4 x 8TFQ  | 120-4 x 10TFQ  | 120                        | 19.0             | 15.0 | 56.0 | 25.0 | 35.0 | 34.0 | 119.0 | 17.0 | 4.0  |
| 150-4 x 8TFQ  | 150-4 x 10TFQ  | 150                        | 21.0             | 16.5 | 56.0 | 25.0 | 35.0 | 34.0 | 119.0 | 17.0 | 4.5  |
| 185-4 x 8TFQ  | 185-4 x 10TFQ  | 185                        | 23.0             | 18.5 | 56.0 | 25.0 | 35.0 | 34.0 | 119.0 | 17.0 | 4.5  |
| 240-4 x 8TFQ  | 240-4 x 10TFQ  | 240                        | 26.0             | 21.0 | 56.0 | 25.0 | 35.0 | 34.0 | 119.0 | 17.0 | 5.0  |
| 300-4 x 8TFQ  | 300-4 x 10TFQ  | 300                        | 28.0             | 23.0 | 56.0 | 25.0 | 35.0 | 42.0 | 126.0 | 17.0 | 7.0  |
| 400-4 x 8TFQ  | 400-4 x 10TFQ  | 400                        | 32.0             | 27.0 | 56.0 | 25.0 | 35.0 | 44.0 | 126.0 | 17.0 | 8.5  |
| 500-4 x 8TFQ  | 500-4 x 10TFQ  | 500                        | 38.0             | 30.0 | 56.0 | 25.0 | 35.0 | 65.0 | 150.0 | 17.0 | 8.0  |
| 630-4 x 8TFQ  | 630-4 x 10TFQ  | 630                        | 44.0             | 34.0 | 63.0 | 25.0 | 35.0 | 65.0 | 150.0 | 17.0 | 10.0 |

All chamfered entry

For recommended tooling refer to TQ terminals.