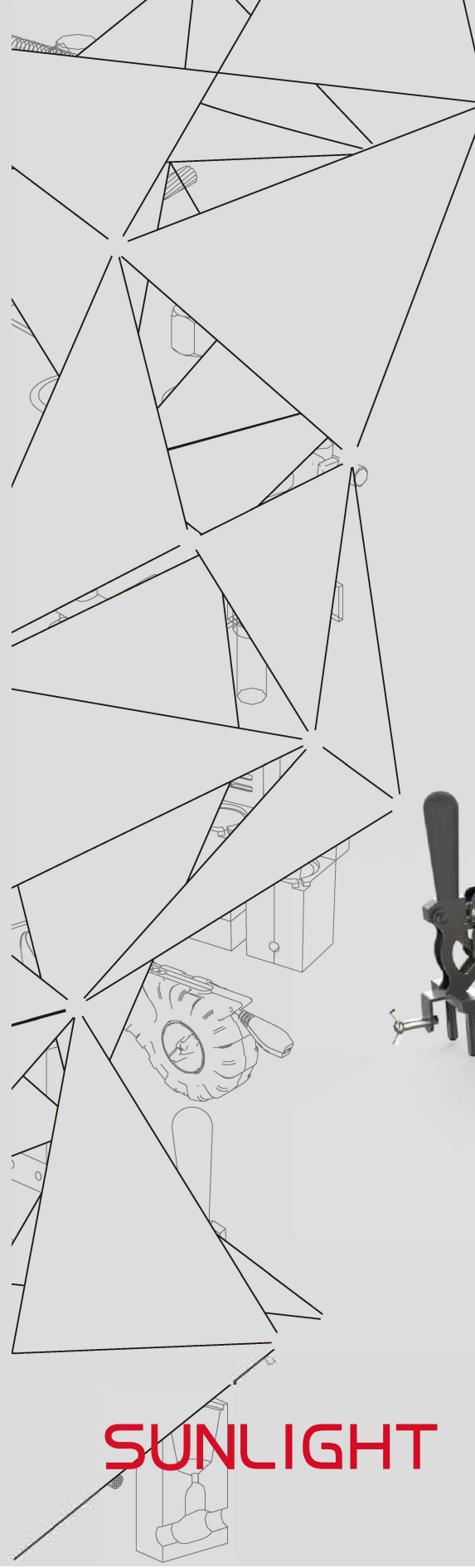




SUNLIGHT

# SUNLIGHT

GROUNDING SYSTEM SOLUTIONS EXPERT



- ⚡ POWER FACTOR CORRECTION
- ⚡ SURGE / LIGHTNING PROTECTION
- ⚡ HARMONIC FILTERS
- ⚡ FREQUENCY CONVERTER
- ⚡ POWER AUDITING / EARTHING PRODUCTS
- ⚡ UPS & BATTERIES / POWER TRANSFORMERS
- ⚡ EV CHARGING / PARKING GUIDANCE SYSTEM



09 833 5749 | [info@lpinz.co.nz](mailto:info@lpinz.co.nz)



Sunlight Chengdu Xihanggang Electric Manufacturing Co., Ltd

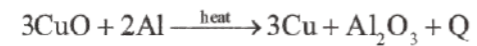
V1.3

# SUNLIGHT

### Product Introduction:

Sunlight Weld Exothermic Welding is a simple, efficient, high quality metal connection method. Exothermic welding by aluminothermic reaction generated by high temperature to make metal molten completely, to achieve high quality welding effect. This reaction is conducted in the graphite mould of high temperature resistance, normally a graphite could be used for more than 70 points. Exothermic reaction process takes few seconds only.

#### Reaction Formula:



SunlightWeld exothermic welding product was certified by UL, RoHS, CE and compliance with IEEE Std.80, UL467 and IEEE837. It has the national invention patent ZL200410021807X.



SunlightWeld has stable ignition point, good conductivity and corrosion protection and excellent tensile strength. After improved process, the connector is more bright and clean.

### Product Features:

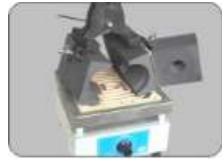
- 1.Safe and easy to operate.
- 2.No external power or heat source required, convenient to carry.
- 3.High purity copper connector, corrosion protected.
- 4.Connected in metallic bond style, fasten and tough.
- 5.The current-carrying ability of the connector is better than the conductor.
- 6.Widely application between copper and copper, copper and steel and cast or plated steel tape.
- 7.Non-degenerated suffering from several surge strike.

### Product Application:

- 1.Horizontal connection of the grounding grid
- 2.The connection between cathodic protection cable and oil or gas pipeline.
- 3.Connection between grounding cable and steel rail.
- 4.Cables and rebars
- 5.Leading wires and copper lugs
- 6.Other electrical connections.

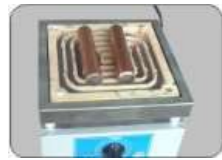
### Grid Connection





**Step 1:**

Before the first welding, heat the mould for 3-5 minutes to make sure it is dry and clean.



**Step 2:**

Heating the conductor to make sure it is dry and clean.



**Step 3:**

Clean the conductor by steel brush.



**Step 4:**

Place and fix the conductors in the mould, then close the mould completely.



**Step 5:**

Place the steel plate at the bottom of the mould.



**Step 6:**

Pour the welding powder into the reaction cavity. Put the starting powder on the top of welding powder while some on the lip of the mould.



**Step 7:**

Close the lid and Ignite the starting powder by lightning gun.



**Step 8:**

After the reaction, waiting for 2-3 minutes. Open the mould and clean the welding residue.

**Note:**

1. Before welding, check the mold clamp and adjust properly to make sure it close tightly.
2. Don't observe the welding process, it will hurt your eyes.
3. Don't touch the the conductor and the joint after welding to avoid empyrosis.
4. Keep the weld metal in a dry place, don't operate when blowing.



Protective glasses



Steel brush



Hairbrush



Gas tank



Ignition gun



Steel shovel



Gloves



The E-Plus exothermic welding electrical connections product is the third generation of Sunlight weld product series, compared with the traditional electronic ignition exothermic welding products, E-Plus type exothermic welding focus on permanent bond with convenient and safer operation.

**Features:**

**I Technical Standards**

Conform to IEEE 80, IEEE 837, UL 467;

**II Product Safety**

(A) Completes welds at distances, avoid burns during the exothermic reaction.

(B) No external power or heat source required, easy to handle, store and transport by air, land or sea in short period.

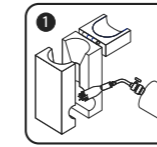
**III Comfort Operation**

(A) Shorten the operating time. Operate in three steps- put the welding cup into the mold, connect the electrical quick connector and then start the switch button.

(B) Environmental friendly, the metal cup melted into the welded joints after exothermic welding reaction.

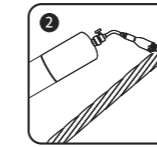
(C) Helps reduce risk of misapplication E-Plus ensure easy ignition and high ignition rate.

(D) Electronic Starter. Electronic Starter design by our company, handheld device matching the cup body starting device. Exothermic welding Electronic Starter initiates the reaction in 3 seconds;



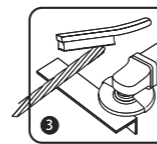
**Step 1:**

Before making your first connection, be sure to dry the mold by heating it with a torch. Make sure that both the crucible, tap and wire cavities are also dried.



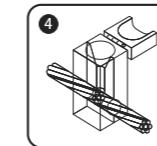
**Step 2:**

Dry the conductors to be welded with a torch.



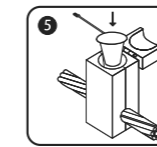
**Step 3:**

Clean the dried conductor ends with a wire brush to remove any dirt and oxides. When welding to a steel surface, use a rasp or grinding wheel to remove any rustproofing, paint, or oxidation from the area to be welded. Steel surface must be cleaned to bright shiny metal.



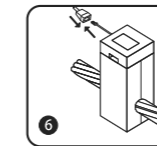
**Step 4:**

Position the mold over the conductors with the conductor ends under the centre of the tap hole. Lock mold handles.



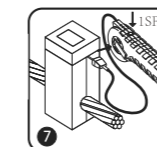
**Step 5:**

Insert the E-Plus Cup into the mold.



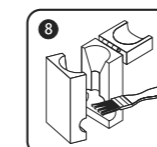
**Step 6:**

Connect the quick connector between the Electronic Starter and the cup.



**Step 7:**

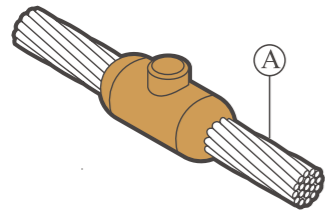
Press and hold Electronic Starter switch and wait for the ignition.



**Step 8:**

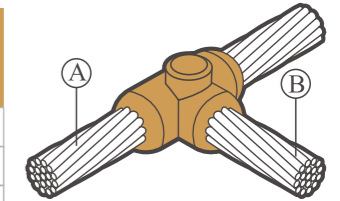
Wait approximately 10-15 seconds. Open the mold and remove the finished connection. Remove any remaining slag with a mold cleaning tool. Brush off remaining residue with a natural bristle brush. DO NOT use a wirebrush, doing so will damage the mold.

## Cable To Cable CC1



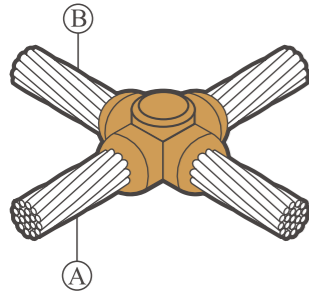
| A<br>mm <sup>2</sup> |        |         |     |  |
|----------------------|--------|---------|-----|--|
| 16                   | #32    | CC1-16  | HK  |  |
| 25                   | #32    | CC1-25  | HK  |  |
| 35                   | #32    | CC1-35  | HK  |  |
| 50                   | #45    | CC1-50  | HK  |  |
| 70                   | #65    | CC1-70  | HK  |  |
| 95                   | #90    | CC1-95  | HK  |  |
| 120                  | #115   | CC1-120 | HK  |  |
| 150                  | #115   | CC1-150 | HK  |  |
| 185                  | #150   | CC1-185 | HK  |  |
| 240                  | #200   | CC1-240 | HK  |  |
| 300                  | #250   | CC1-300 | HK  |  |
| 400                  | 2x#150 | CC1-400 | HK5 |  |

## Cable To Cable CC2



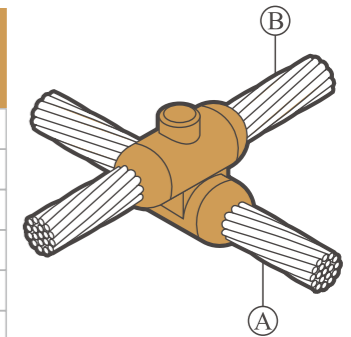
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |            |     |        |
|----------------------|----------------------|--------|------------|-----|--------|
| 16                   | 16                   | #45    | CC2-1616   | HK  | 3xS103 |
| 25                   | 25                   | #45    | CC2-2525   | HK  |        |
| 35                   | 35                   | #45    | CC2-3535   | HK  |        |
| 35                   | 25                   | #45    | CC2-3525   | HK  |        |
| 50                   | 50                   | #90    | CC2-5050   | HK  |        |
| 50                   | 35                   | #65    | CC2-5035   | HK  |        |
| 50                   | 25                   | #65    | CC2-5025   | HK  |        |
| 70                   | 70                   | #90    | CC2-7070   | HK  |        |
| 70                   | 50                   | #90    | CC2-7050   | HK  |        |
| 70                   | 35                   | #65    | CC2-7035   | HK  |        |
| 70                   | 25                   | #65    | CC2-7025   | HK  |        |
| 95                   | 95                   | #115   | CC2-9595   | HK  |        |
| 95                   | 70                   | #90    | CC2-9570   | HK  |        |
| 95                   | 50                   | #90    | CC2-9550   | HK  |        |
| 95                   | 35                   | #90    | CC2-9535   | HK  |        |
| 120                  | 120                  | #150   | CC2-120120 | HK  |        |
| 120                  | 95                   | #150   | CC2-12095  | HK  |        |
| 120                  | 70                   | #90    | CC2-12070  | HK  |        |
| 120                  | 50                   | #90    | CC2-12050  | HK  |        |
| 150                  | 150                  | #200   | CC2-150150 | HK  |        |
| 150                  | 120                  | #150   | CC2-150120 | HK  |        |
| 150                  | 95                   | #150   | CC2-15095  | HK  |        |
| 150                  | 70                   | #90    | CC2-15070  | HK  |        |
| 185                  | 185                  | #200   | CC2-185185 | HK  |        |
| 185                  | 150                  | #200   | CC2-185150 | HK  |        |
| 185                  | 120                  | #200   | CC2-185120 | HK  |        |
| 185                  | 95                   | #150   | CC2-18595  | HK  |        |
| 240                  | 240                  | 2x#150 | CC2-240240 | HK5 |        |
| 240                  | 185                  | #200   | CC2-240185 | HK  |        |
| 240                  | 150                  | #200   | CC2-240150 | HK  |        |
| 240                  | 120                  | #200   | CC2-240120 | HK  |        |
| 300                  | 300                  | 2x#200 | CC2-300300 | HK5 |        |
| 300                  | 240                  | 2x#200 | CC2-300240 | HK5 |        |
| 300                  | 185                  | #250   | CC2-300185 | HK  |        |
| 300                  | 150                  | #200   | CC2-300150 | HK  |        |

## Cable To Cable CC4



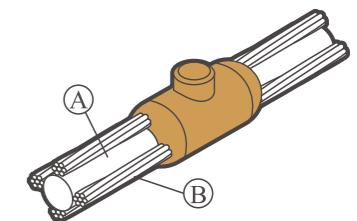
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |            |     |  |
|----------------------|----------------------|--------|------------|-----|--|
| 16                   | 16                   | #65    | CC4-1616   | HK  |  |
| 25                   | 25                   | #45    | CC4-2525   | HK  |  |
| 35                   | 35                   | #65    | CC4-3535   | HK  |  |
| 35                   | 25                   | #65    | CC4-3525   | HK  |  |
| 50                   | 50                   | #90    | CC4-5050   | HK  |  |
| 50                   | 35                   | #90    | CC4-5035   | HK  |  |
| 50                   | 25                   | #90    | CC4-5025   | HK  |  |
| 70                   | 70                   | #115   | CC4-7070   | HK  |  |
| 70                   | 50                   | #115   | CC4-7050   | HK  |  |
| 70                   | 35                   | #115   | CC4-7035   | HK  |  |
| 70                   | 25                   | #115   | CC4-7025   | HK  |  |
| 95                   | 95                   | #150   | CC4-9595   | HK  |  |
| 95                   | 70                   | #150   | CC4-9570   | HK  |  |
| 95                   | 50                   | #115   | CC4-9550   | HK  |  |
| 95                   | 35                   | #115   | CC4-9535   | HK  |  |
| 120                  | 120                  | #200   | CC4-120120 | HK  |  |
| 120                  | 95                   | #200   | CC4-12095  | HK  |  |
| 120                  | 70                   | #150   | CC4-12070  | HK  |  |
| 120                  | 50                   | #150   | CC4-12050  | HK  |  |
| 150                  | 150                  | #250   | CC4-150150 | HK  |  |
| 150                  | 120                  | #250   | CC4-150120 | HK  |  |
| 150                  | 95                   | #200   | CC4-15095  | HK  |  |
| 150                  | 70                   | #150   | CC4-15070  | HK  |  |
| 185                  | 185                  | 2x#150 | CC4-185185 | HK5 |  |
| 185                  | 150                  | #250   | CC4-185150 | HK  |  |
| 185                  | 120                  | #250   | CC4-185120 | HK  |  |
| 185                  | 95                   | #200   | CC4-18595  | HK  |  |
| 185                  | 70                   | #200   | CC4-18570  | HK  |  |
| 240                  | 240                  | 2x#250 | CC4-240240 | HK5 |  |
| 240                  | 185                  | 2x#200 | CC4-240185 | HK5 |  |
| 240                  | 150                  | 2x#200 | CC4-240150 | HK5 |  |
| 240                  | 120                  | 2x#150 | CC4-240120 | HK5 |  |

## Cable To Cable CC11



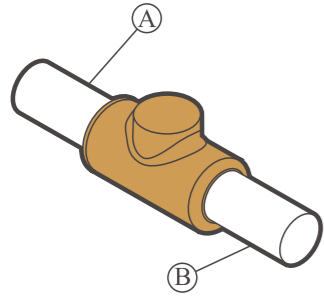
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |             |     |  |
|----------------------|----------------------|--------|-------------|-----|--|
| 50                   | 50                   | #150   | CC11-5050   | HK  |  |
| 70                   | 70                   | #200   | CC11-7070   | HK  |  |
| 95                   | 95                   | #250   | CC11-9595   | HK  |  |
| 120                  | 120                  | 2x#150 | CC11-120120 | HK5 |  |
| 150                  | 150                  | 2x#150 | CC11-150150 | HK5 |  |
| 185                  | 185                  | 2x#250 | CC11-185185 | HK5 |  |
| 240                  | 240                  | 3x#250 | CC11-240240 | HK5 |  |
| 300                  | 120                  | 3x#250 | CC11-300120 | HK5 |  |
| 300                  | 300                  | 3x#250 | CC11-300300 | HK5 |  |

## Cable to Rod CC1



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |              |     |        |
|----------------------|----------------------|--------|--------------|-----|--------|
| 240                  | 10×8                 | 2x#150 | CC1-24010×8S | HK5 | 8×S102 |
| 300                  | 10×8                 | 2x#150 | CC1-30010×8S | HK5 | 8×S102 |
| 500                  | 10×8                 | 2x#200 | CC1-50010×8S | HK5 | 8×S102 |

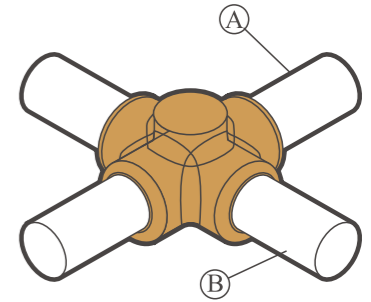
## Rod To Rod CC1



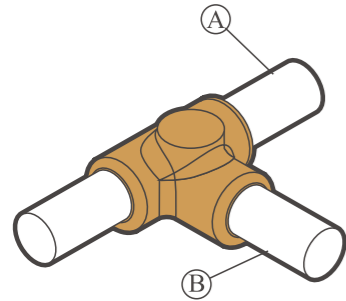
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |              |    |  |
|----------------------|----------------------|------|--------------|----|--|
| 8                    | 8                    | #45  | CC1-8SC      | HK |  |
| 10                   | 8                    | #45  | CC1-10SC8SC  | HK |  |
| 10                   | 10                   | #65  | CC1-10SC     | HK |  |
| 12                   | 8                    | #90  | CC1-12SC8SC  | HK |  |
| 12                   | 10                   | #90  | CC1-12SC10SC | HK |  |
| 12                   | 12                   | #90  | CC1-12SC     | HK |  |
| 14                   | 14                   | #115 | CC1-14SC     | HK |  |
| 14                   | 8                    | #115 | CC1-14SC8SC  | HK |  |
| 14                   | 10                   | #115 | CC1-14SC10SC | HK |  |
| 14                   | 12                   | #115 | CC1-14SC12SC | HK |  |
| 16                   | 16                   | #150 | CC1-16SC     | HK |  |
| 16                   | 8                    | #115 | CC1-16SC8SC  | HK |  |
| 16                   | 10                   | #115 | CC1-16SC10SC | HK |  |
| 16                   | 12                   | #150 | CC1-16SC12SC | HK |  |
| 16                   | 14                   | #150 | CC1-16SC14SC | HK |  |
| 18                   | 18                   | #150 | CC1-18SC     | HK |  |
| 18                   | 8                    | #115 | CC1-18SC8SC  | HK |  |
| 18                   | 10                   | #115 | CC1-18SC10SC | HK |  |
| 18                   | 12                   | #150 | CC1-18SC12SC | HK |  |
| 18                   | 14                   | #150 | CC1-18SC14SC | HK |  |
| 18                   | 16                   | #150 | CC1-18SC16SC | HK |  |
| 20                   | 20                   | #200 | CC1-20SC     | HK |  |
| 20                   | 8                    | #150 | CC1-20SC8SC  | HK |  |
| 20                   | 10                   | #150 | CC1-20SC10SC | HK |  |
| 20                   | 12                   | #150 | CC1-20SC12SC | HK |  |
| 20                   | 14                   | #150 | CC1-20SC14SC | HK |  |
| 20                   | 16                   | #200 | CC1-20SC16SC | HK |  |
| 20                   | 18                   | #200 | CC1-20SC18SC | HK |  |

## Rod To Rod CC4

| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |           |              |     |  |
|----------------------|----------------------|-----------|--------------|-----|--|
| 8                    | 8                    | #90       | CC4-8SC8SC   | HK  |  |
| 10                   | 10                   | #115      | CC4-10SC10SC | HK  |  |
| 12                   | 12                   | #150      | CC4-12SC12SC | HK  |  |
| 14                   | 14                   | #200      | CC4-14SC14SC | HK  |  |
| 16                   | 16                   | #250      | CC4-16SC16SC | HK  |  |
| 18                   | 18                   | 2x#150    | CC4-18SC18SC | HK5 |  |
| 20                   | 20                   | #150+#200 | CC4-20SC20SC | HK5 |  |

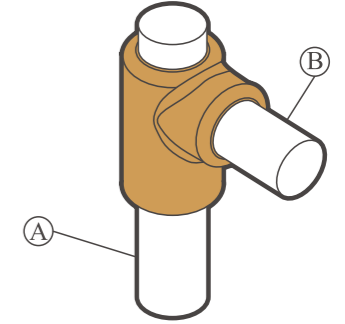


## Rod To Rod CC2



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |              |    |  |
|----------------------|----------------------|------|--------------|----|--|
| 8                    | 8                    | #65  | CC2-8SC8SC   | HK |  |
| 10                   | 10                   | #90  | CC2-10SC10SC | HK |  |
| 10                   | 8                    | #115 | CC2-10SC8SC  | HK |  |
| 12                   | 12                   | #115 | CC2-12SC12SC | HK |  |
| 12                   | 10                   | #115 | CC2-12SC10SC | HK |  |
| 12                   | 8                    | #115 | CC2-12SC8SC  | HK |  |
| 14                   | 14                   | #150 | CC2-14SC14SC | HK |  |
| 14                   | 12                   | #150 | CC2-14SC12SC | HK |  |
| 14                   | 10                   | #150 | CC2-14SC10SC | HK |  |
| 14                   | 8                    | #115 | CC2-14SC8SC  | HK |  |
| 16                   | 16                   | #200 | CC2-16SC16SC | HK |  |
| 16                   | 14                   | #200 | CC2-16SC14SC | HK |  |
| 16                   | 12                   | #150 | CC2-16SC12SC | HK |  |
| 16                   | 10                   | #150 | CC2-16SC10SC | HK |  |
| 16                   | 8                    | #150 | CC2-16SC8SC  | HK |  |
| 18                   | 18                   | #200 | CC2-18SC18SC | HK |  |
| 18                   | 16                   | #200 | CC2-18SC16SC | HK |  |
| 18                   | 14                   | #200 | CC2-18SC14SC | HK |  |
| 18                   | 12                   | #200 | CC2-18SC12SC | HK |  |
| 18                   | 10                   | #150 | CC2-18SC10SC | HK |  |
| 18                   | 8                    | #150 | CC2-18SC8SC  | HK |  |
| 20                   | 20                   | #250 | CC2-20SC20SC | HK |  |
| 20                   | 18                   | #250 | CC2-20SC18SC | HK |  |
| 20                   | 16                   | #250 | CC2-20SC16SC | HK |  |
| 20                   | 14                   | #200 | CC2-20SC14SC | HK |  |
| 20                   | 12                   | #200 | CC2-20SC12SC | HK |  |
| 20                   | 10                   | #200 | CC2-20SC10SC | HK |  |
| 20                   | 8                    | #200 | CC2-20SC8SC  | HK |  |

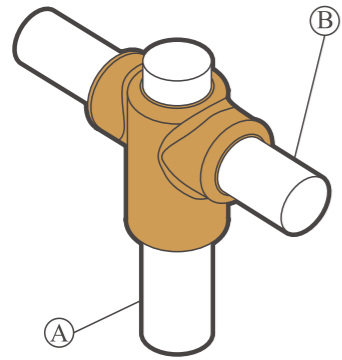
## Rod To Rod CR1



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |             |    |  |
|----------------------|----------------------|------|-------------|----|--|
| 12.7                 | 8                    | #65  | CR1-1278SC  | HK |  |
| 12.7                 | 10                   | #115 | CR1-12710SC | HK |  |
| 14.2                 | 8                    | #90  | CR1-1428SC  | HK |  |
| 14.2                 | 10                   | #150 | CR1-14210SC | HK |  |
| 14.2                 | 12                   | #150 | CR1-14212SC | HK |  |
| 17.2                 | 8                    | #90  | CR1-1728SC  | HK |  |
| 17.2                 | 10                   | #150 | CR1-17210SC | HK |  |
| 17.2                 | 12                   | #200 | CR1-17212SC | HK |  |
| 17.2                 | 14                   | #200 | CR1-17214SC | HK |  |
| 20.0                 | 8                    | #200 | CR1-2008SC  | HK |  |
| 20.0                 | 10                   | #200 | CR1-20010SC | HK |  |
| 20.0                 | 12                   | #250 | CR1-20012SC | HK |  |
| 20.0                 | 14                   | #250 | CR1-20014SC | HK |  |

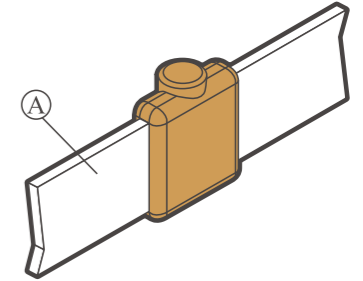


## Rod To Rod CR1



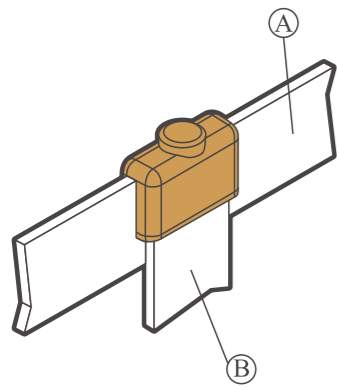
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |             |    |  |
|----------------------|----------------------|------|-------------|----|--|
| 12.7                 | 8                    | #90  | CR1-1278SC  | HK |  |
| 12.7                 | 10                   | #115 | CR1-12710SC | HK |  |
| 14.2                 | 8                    | #90  | CR1-1428SC  | HK |  |
| 14.2                 | 10                   | #150 | CR1-14210SC | HK |  |
| 14.2                 | 12                   | #150 | CR1-14212SC | HK |  |
| 17.2                 | 8                    | #115 | CR1-1728SC  | HK |  |
| 17.2                 | 10                   | #200 | CR1-17210SC | HK |  |
| 17.2                 | 12                   | #200 | CR1-17212SC | HK |  |
| 17.2                 | 14                   | #200 | CR1-17214SC | HK |  |
| 20.0                 | 8                    | #200 | CR1-2008SC  | HK |  |
| 20.0                 | 10                   | #250 | CR1-20010SC | HK |  |
| 20.0                 | 12                   | #250 | CR1-20012SC | HK |  |
| 20.0                 | 14                   | #250 | CR1-20014SC | HK |  |

## Tap To Tap BB1



| A<br>mm <sup>2</sup> |      |         |    |  |
|----------------------|------|---------|----|--|
| 20×3                 | #45  | BB1-203 | HK |  |
| 25×3                 | #65  | BB1-253 | HK |  |
| 25×4                 | #90  | BB1-254 | HK |  |
| 25×6                 | #150 | BB1-256 | HK |  |
| 30×2                 | #65  | BB1-302 | HK |  |
| 30×3                 | #90  | BB1-303 | HK |  |
| 30×4                 | #115 | BB1-304 | HK |  |
| 30×5                 | #115 | BB1-305 | HK |  |
| 31×3                 | #90  | BB1-313 | HK |  |
| 31×6                 | #150 | BB1-316 | HK |  |
| 38×3                 | #115 | BB1-383 | HK |  |
| 38×5                 | #150 | BB1-385 | HK |  |
| 38×6                 | #200 | BB1-386 | HK |  |
| 40×3                 | #115 | BB1-403 | HK |  |
| 40×4                 | #150 | BB1-404 | HK |  |
| 40×5                 | #150 | BB1-405 | HK |  |
| 40×6                 | #200 | BB1-406 | HK |  |
| 50×3                 | #150 | BB1-503 | HK |  |
| 50×4                 | #200 | BB1-504 | HK |  |
| 50×5                 | #200 | BB1-505 | HK |  |
| 50×6                 | #250 | BB1-506 | HK |  |

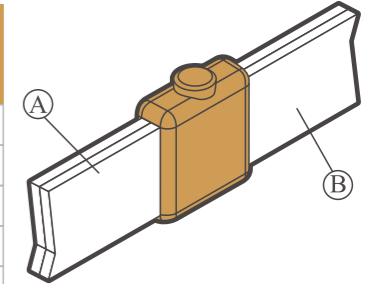
## Tap To Tap BB3



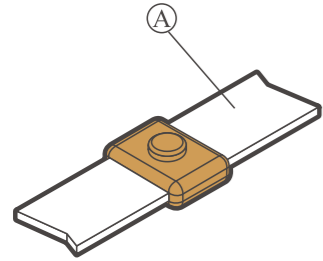
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> | Grain | Box        | Diagram | Symbol |
|----------------------|----------------------|-------|------------|---------|--------|
| 20×3                 | 20×3                 | #65   | BB3-203203 | HK      |        |
| 25×3                 | 25×3                 | #65   | BB3-253253 | HK      |        |
| 25×4                 | 25×4                 | #90   | BB3-254254 | HK      |        |
| 25×6                 | 25×6                 | #150  | BB3-256256 | HK      |        |
| 30×2                 | 30×2                 | #65   | BB3-302302 | HK      |        |
| 30×3                 | 30×3                 | #90   | BB3-303303 | HK      |        |
| 30×4                 | 30×4                 | #115  | BB3-304304 | HK      |        |
| 30×5                 | 30×5                 | #115  | BB3-305305 | HK      |        |
| 31×3                 | 31×3                 | #115  | BB3-313313 | HK      |        |
| 31×6                 | 31×6                 | #200  | BB3-316316 | HK      |        |
| 38×3                 | 38×3                 | #115  | BB3-383383 | HK      |        |
| 38×5                 | 38×5                 | #150  | BB3-385385 | HK      |        |
| 38×6                 | 38×6                 | #200  | BB3-386386 | HK      |        |
| 40×3                 | 40×3                 | #115  | BB3-403403 | HK      |        |
| 40×4                 | 40×4                 | #150  | BB3-404404 | HK      |        |
| 40×5                 | 40×5                 | #150  | BB3-405405 | HK      |        |
| 40×6                 | 40×6                 | #200  | BB3-406406 | HK      |        |
| 50×3                 | 50×3                 | #200  | BB3-503503 | HK      |        |
| 50×4                 | 50×4                 | #200  | BB3-504504 | HK      |        |
| 50×5                 | 50×5                 | #200  | BB3-505505 | HK      |        |
| 50×6                 | 50×6                 | #250  | BB3-506506 | HK      |        |






## Tap To Tap BB5

| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> | Grain  | Box        | Diagram | Symbol |
|----------------------|----------------------|--------|------------|---------|--------|
| 25×4                 | 25×4                 | #150   | BB5-254254 | HK      |        |
| 30×4                 | 30×4                 | #150   | BB5-304304 | HK      |        |
| 40×4                 | 40×4                 | #250   | BB5-404404 | HK      |        |
| 40×4                 | 40×5                 | #250   | BB5-404405 | HK      |        |
| 40×5                 | 40×5                 | #250   | BB5-405405 | HK      |        |
| 50×5                 | 50×5                 | 2x#150 | BB5-505505 | HK5     |        |
| 50×5                 | 40×5                 | #250   | BB5-505405 | HK      |        |









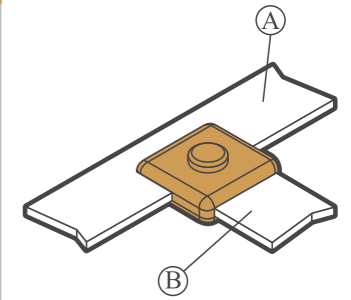
## Tap To Tap BB7



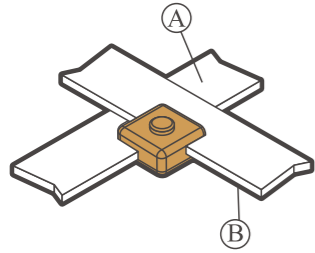
|  mm <sup>2</sup> |  |  |  |  |
|---|---|---|--|---|
| 20×3  | #45   | BB7-203   | HK   |   |
| 25×3  | #65   | BB7-253   | HK   |   |
| 25×4  | #90   | BB7-254   | HK   |   |
| 25×6  | #115  | BB7-256   | HK   |   |
| 30×2  | #65   | BB7-302   | HK   |   |
| 30×3  | #65   | BB7-303   | HK   |   |
| 30×4  | #90   | BB7-304   | HK   |   |
| 30×5  | #115  | BB7-305   | HK   |   |
| 31×3  | #65   | BB7-313   | HK   |   |
| 31×6  | #150  | BB7-316   | HK   |   |
| 38×3  | #90   | BB7-383   | HK   |   |
| 38×5  | #150  | BB7-385   | HK   |   |
| 38×6  | #200  | BB7-386   | HK   |   |
| 40×3  | #90   | BB7-403   | HK   |   |
| 40×4  | #115  | BB7-404   | HK   |   |
| 40×5  | #150  | BB7-405   | HK   |   |
| 40×6  | #200  | BB7-406   | HK   |   |
| 50×3  | #150  | BB7-503   | HK   |   |
| 50×4  | #200  | BB7-504   | HK   |   |
| 50×5  | #200  | BB7-505   | HK   |   |
| 50×6  | #250  | BB7-506   | HK   |   |





## Tap To Tap BB14

|  mm <sup>2</sup> |  mm <sup>2</sup> |  |  |  |  |
|---|---|---|---|---|---|
| 20×3  | 20×3  | #45   | BB14-203203   | HK  |   |
| 25×3  | 25×3  | #65   | BB14-253253   | HK  |   |
| 25×4  | 25×4  | #90   | BB14-254254   | HK  |   |
| 25×6  | 25×6  | #115  | BB14-256256   | HK  |   |
| 30×2  | 30×2  | #65   | BB14-302302   | HK  |   |
| 30×3  | 30×3  | #65   | BB14-303303   | HK  |   |
| 30×4  | 30×4  | #90   | BB14-304304   | HK  |   |
| 30×5  | 30×5  | #115  | BB14-305305   | HK  |   |
| 31×3  | 31×3  | #90   | BB14-313313   | HK  |   |
| 31×6  | 31×6  | #150  | BB14-316316   | HK  |   |
| 38×3  | 38×3  | #90   | BB14-383383   | HK  |   |
| 38×5  | 38×5  | #150  | BB14-385385   | HK  |   |
| 38×6  | 38×6  | #200  | BB14-386386   | HK  |   |
| 40×3  | 40×3  | #90   | BB14-403403   | HK  |   |
| 40×4  | 40×4  | #115  | BB14-404404   | HK  |   |
| 40×5  | 40×5  | #150  | BB14-405405   | HK  |   |
| 40×6  | 40×6  | #200  | BB14-406406   | HK  |   |
| 50×3  | 50×3  | #150  | BB14-503503   | HK  |   |
| 50×4  | 50×4  | #200  | BB14-504504   | HK  |   |
| 50×5  | 50×5  | #200  | BB14-505505   | HK  |   |
| 50×6  | 50×6  | #250  | BB14-506506   | HK  |   |







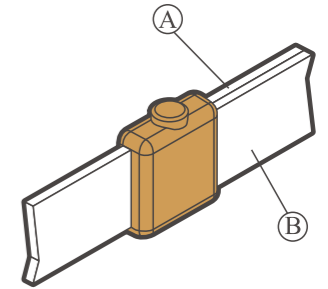
## Tap To Tap BB41



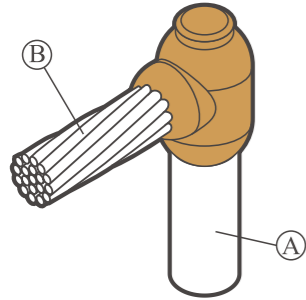
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |  |  |  |  |
|----------------------|----------------------|---|--|---|---|
| 20×3                 | 20×3                 | #65   | BB41-203203  | HK  |   |
| 25×3                 | 25×3                 | #65   | BB41-253253  | HK  |   |
| 25×4                 | 25×4                 | #90   | BB41-254254  | HK  |   |
| 25×6                 | 25×6                 | #115  | BB41-256256  | HK  |   |
| 30×2                 | 30×2                 | #65   | BB41-302302  | HK  |   |
| 30×3                 | 30×3                 | #115  | BB41-303303  | HK  |   |
| 30×4                 | 30×4                 | #115  | BB41-304304  | HK  |   |
| 30×5                 | 30×5                 | #115  | BB41-305305  | HK  |   |
| 31×3                 | 31×3                 | #115  | BB41-313313  | HK  |   |
| 31×6                 | 31×6                 | #115  | BB41-316316  | HK  |   |
| 38×3                 | 38×3                 | #150  | BB41-383383  | HK  |   |
| 38×5                 | 38×5                 | #150  | BB41-385385  | HK  |   |
| 38×6                 | 38×6                 | #200  | BB41-386386  | HK  |   |
| 40×3                 | 40×3                 | #200  | BB41-403403  | HK  |   |
| 40×4                 | 40×4                 | #200  | BB41-404404  | HK  |   |
| 40×5                 | 40×5                 | #200  | BB41-405405  | HK  |   |
| 40×6                 | 40×6                 | #200  | BB41-406406  | HK  |   |
| 50×3                 | 50×3                 | #200  | BB41-503503  | HK  |   |
| 50×4                 | 50×4                 | #200  | BB41-504504  | HK  |   |
| 50×5                 | 50×5                 | #200  | BB41-505505  | HK  |   |
| 50×6                 | 50×6                 | #200  | BB41-506506  | HK  |   |

## Tap To Tap BB51

| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |  |  |  |  |
|----------------------|----------------------|---|---|---|---|
| 25×4                 | 25×4                 | #150  | BB51-254254   | HK  |   |
| 30×4                 | 30×4                 | #150  | BB51-304304   | HK  |   |
| 40×4                 | 40×4                 | #250  | BB51-404404   | HK  |   |
| 50×4                 | 50×4                 | 2x#150  | BB51-505505   | HK5   |   |

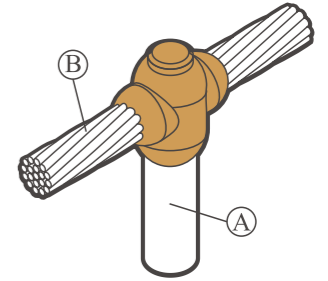


## Cable To Rod CR1



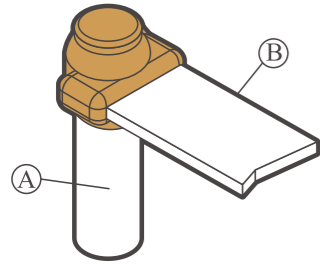
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |        |            |     |        |
|------------------------|------------------------|--------|------------|-----|--------|
| 12.7                   | 16                     | #65    | CR1-12716  | HK  | 1×S103 |
| 12.7                   | 25                     | #65    | CR1-12725  | HK  |        |
| 12.7                   | 35                     | #65    | CR1-12735  | HK  |        |
| 12.7                   | 50                     | #65    | CR1-12750  | HK  |        |
| 12.7                   | 70                     | #90    | CR1-12770  | HK  |        |
| 12.7                   | 90                     | #90    | CR1-12790  | HK  |        |
| 12.7                   | 120                    | #90    | CR1-127120 | HK  |        |
| 14.2                   | 16                     | #65    | CR1-14216  | HK  | 1×S103 |
| 14.2                   | 25                     | #65    | CR1-14225  | HK  |        |
| 14.2                   | 35                     | #65    | CR1-14235  | HK  |        |
| 14.2                   | 50                     | #90    | CR1-14250  | HK  |        |
| 14.2                   | 70                     | #90    | CR1-14270  | HK  |        |
| 14.2                   | 95                     | #90    | CR1-14295  | HK  |        |
| 14.2                   | 120                    | #90    | CR1-142120 | HK  |        |
| 14.2                   | 150                    | #115   | CR1-142150 | HK  |        |
| 14.2                   | 185                    | #115   | CR1-142185 | HK  |        |
| 14.2                   | 240                    | #150   | CR1-142240 | HK  |        |
| 17.2                   | 16                     | #65    | CR1-17216  | HK  | 1×S103 |
| 17.2                   | 25                     | #65    | CR1-17225  | HK  |        |
| 17.2                   | 35                     | #65    | CR1-17235  | HK  |        |
| 17.2                   | 50                     | #90    | CR1-17250  | HK  |        |
| 17.2                   | 70                     | #90    | CR1-17270  | HK  |        |
| 17.2                   | 95                     | #90    | CR1-17295  | HK  |        |
| 17.2                   | 120                    | #90    | CR1-172120 | HK  |        |
| 17.2                   | 150                    | #115   | CR1-172150 | HK  |        |
| 17.2                   | 185                    | #115   | CR1-172185 | HK  |        |
| 17.2                   | 240                    | #150   | CR1-172240 | HK  |        |
| 17.2                   | 300                    | #200   | CR1-172300 | HK  |        |
| 20.0                   | 16                     | #200   | CR1-20016  | HK  | 1×S103 |
| 20.0                   | 25                     | #200   | CR1-20025  | HK  |        |
| 20.0                   | 35                     | #200   | CR1-20035  | HK  |        |
| 20.0                   | 50                     | #200   | CR1-20050  | HK  |        |
| 20.0                   | 70                     | #200   | CR1-20070  | HK  |        |
| 20.0                   | 95                     | #250   | CR1-20095  | HK  |        |
| 20.0                   | 120                    | #250   | CR1-200120 | HK  |        |
| 20.0                   | 150                    | #250   | CR1-200150 | HK  |        |
| 20.0                   | 185                    | #250   | CR1-200185 | HK  |        |
| 20.0                   | 240                    | 2x#150 | CR1-200240 | HK5 |        |
| 20.0                   | 300                    | 2x#150 | CR1-200300 | HK5 |        |

## Cable To Rod CR2



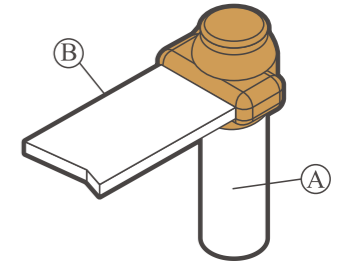
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |        |            |     |        |
|------------------------|------------------------|--------|------------|-----|--------|
| 12.7                   | 16                     | #90    | CR2-12716  | HK  | 2×S103 |
| 12.7                   | 25                     | #90    | CR2-12725  | HK  |        |
| 12.7                   | 35                     | #90    | CR2-12735  | HK  |        |
| 12.7                   | 50                     | #90    | CR2-12750  | HK  |        |
| 12.7                   | 70                     | #90    | CR2-12770  | HK  |        |
| 12.7                   | 95                     | #115   | CR2-12795  | HK  |        |
| 12.7                   | 120                    | #150   | CR2-127120 | HK  |        |
| 14.2                   | 16                     | #90    | CR2-14216  | HK  | 2×S103 |
| 14.2                   | 25                     | #90    | CR2-14225  | HK  |        |
| 14.2                   | 35                     | #90    | CR2-14235  | HK  |        |
| 14.2                   | 50                     | #90    | CR2-14250  | HK  |        |
| 14.2                   | 70                     | #115   | CR2-14270  | HK  |        |
| 14.2                   | 95                     | #115   | CR2-14295  | HK  |        |
| 14.2                   | 120                    | #150   | CR2-142120 | HK  |        |
| 14.2                   | 150                    | #200   | CR2-142150 | HK  |        |
| 14.2                   | 185                    | #200   | CR2-142185 | HK  |        |
| 14.2                   | 240                    | #250   | CR2-142240 | HK  |        |
| 17.2                   | 16                     | #90    | CR2-17216  | HK  | 2×S103 |
| 17.2                   | 25                     | #90    | CR2-17225  | HK  |        |
| 17.2                   | 35                     | #90    | CR2-17235  | HK  |        |
| 17.2                   | 50                     | #115   | CR2-17250  | HK  |        |
| 17.2                   | 70                     | #115   | CR2-17270  | HK  |        |
| 17.2                   | 95                     | #115   | CR2-17295  | HK  |        |
| 17.2                   | 120                    | #150   | CR2-172120 | HK  |        |
| 17.2                   | 150                    | #200   | CR2-172150 | HK  |        |
| 17.2                   | 185                    | #200   | CR2-172185 | HK  |        |
| 17.2                   | 240                    | #250   | CR2-172240 | HK  |        |
| 17.2                   | 300                    | 2x#150 | CR2-172300 | HK5 |        |
| 20.0                   | 16                     | #200   | CR2-20016  | HK  | 2×S103 |
| 20.0                   | 25                     | #200   | CR2-20025  | HK  |        |
| 20.0                   | 35                     | #200   | CR2-20035  | HK  |        |
| 20.0                   | 50                     | #200   | CR2-20050  | HK  |        |
| 20.0                   | 70                     | #200   | CR2-20070  | HK  |        |
| 20.0                   | 95                     | #200   | CR2-20095  | HK  |        |
| 20.0                   | 120                    | #250   | CR2-200120 | HK  |        |
| 20.0                   | 150                    | #250   | CR2-200150 | HK  |        |
| 20.0                   | 185                    | #250   | CR2-200185 | HK  |        |
| 20.0                   | 240                    | #250   | CR2-200240 | HK  |        |
| 20.0                   | 300                    | #250   | CR2-200300 | HK  |        |

## Tap To Rod BR1



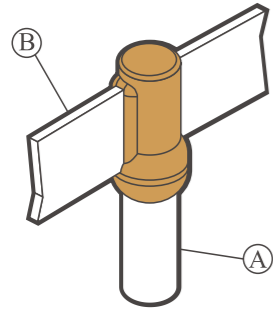
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |      |            |    |  |
|------------------------|------------------------|------|------------|----|--|
| 12.7                   | 20×3                   | #90  | BR1-127203 | HK |  |
| 12.7                   | 25×3                   | #90  | BR1-127253 | HK |  |
| 12.7                   | 25×4                   | #90  | BR1-127254 | HK |  |
| 12.7                   | 30×2                   | #90  | BR1-127302 | HK |  |
| 12.7                   | 30×3                   | #90  | BR1-127303 | HK |  |
| 12.7                   | 31×3                   | #90  | BR1-127313 | HK |  |
| 12.7                   | 38×3                   | #90  | BR1-127383 | HK |  |
| 12.7                   | 40×3                   | #90  | BR1-127403 | HK |  |
| 12.7                   | 50×3                   | #115 | BR1-127503 | HK |  |
| 12.7                   | 50×6                   | #115 | BR1-127506 | HK |  |
| 14.2                   | 20×3                   | #90  | BR1-142203 | HK |  |
| 14.2                   | 25×3                   | #90  | BR1-142253 | HK |  |
| 14.2                   | 25×4                   | #115 | BR1-142254 | HK |  |
| 14.2                   | 25×6                   | #115 | BR1-142256 | HK |  |
| 14.2                   | 30×2                   | #115 | BR1-142302 | HK |  |
| 14.2                   | 30×3                   | #115 | BR1-142303 | HK |  |
| 14.2                   | 30×4                   | #150 | BR1-142304 | HK |  |
| 14.2                   | 30×5                   | #150 | BR1-142305 | HK |  |
| 14.2                   | 31×3                   | #115 | BR1-142313 | HK |  |
| 14.2                   | 31×6                   | #150 | BR1-142316 | HK |  |
| 14.2                   | 38×3                   | #115 | BR1-142383 | HK |  |
| 14.2                   | 38×5                   | #150 | BR1-142385 | HK |  |
| 14.2                   | 38×6                   | #200 | BR1-142386 | HK |  |
| 14.2                   | 40×3                   | #115 | BR1-142403 | HK |  |
| 14.2                   | 40×4                   | #150 | BR1-142404 | HK |  |
| 14.2                   | 40×5                   | #150 | BR1-142405 | HK |  |
| 14.2                   | 40×6                   | #200 | BR1-142406 | HK |  |
| 14.2                   | 50×3                   | #150 | BR1-142503 | HK |  |
| 14.2                   | 50×4                   | #200 | BR1-142504 | HK |  |
| 14.2                   | 50×5                   | #200 | BR1-142505 | HK |  |
| 14.2                   | 50×6                   | #200 | BR1-142506 | HK |  |
| 17.2                   | 20×3                   | #115 | BR1-172203 | HK |  |
| 17.2                   | 25×3                   | #150 | BR1-172253 | HK |  |
| 17.2                   | 25×4                   | #150 | BR1-172254 | HK |  |
| 17.2                   | 25×6                   | #200 | BR1-172256 | HK |  |
| 17.2                   | 30×2                   | #150 | BR1-172302 | HK |  |
| 17.2                   | 30×3                   | #150 | BR1-172303 | HK |  |

## Tap To Rod BR1



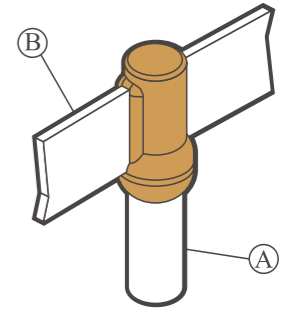
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |           |            |     |  |
|------------------------|------------------------|-----------|------------|-----|--|
| 17.2                   | 30×4                   | #200      | BR1-172304 | HK  |  |
| 17.2                   | 30×5                   | #200      | BR1-172305 | HK  |  |
| 17.2                   | 31×3                   | #150      | BR1-172313 | HK  |  |
| 17.2                   | 31×6                   | #250      | BR1-172316 | HK  |  |
| 17.2                   | 38×3                   | #200      | BR1-172383 | HK  |  |
| 17.2                   | 38×5                   | #200      | BR1-172385 | HK  |  |
| 17.2                   | 38×6                   | 2x#150    | BR1-172386 | HK5 |  |
| 17.2                   | 40×3                   | #200      | BR1-172403 | HK  |  |
| 17.2                   | 40×4                   | #200      | BR1-172404 | HK  |  |
| 17.2                   | 40×5                   | #200      | BR1-172405 | HK  |  |
| 17.2                   | 40×6                   | 2x#150    | BR1-172406 | HK5 |  |
| 17.2                   | 50×3                   | 2x#150    | BR1-172503 | HK5 |  |
| 17.2                   | 50×4                   | 2x#150    | BR1-172504 | HK5 |  |
| 17.2                   | 50×5                   | 2x#150    | BR1-172505 | HK5 |  |
| 17.2                   | 50×6                   | 2x#150    | BR1-172506 | HK5 |  |
| 20.0                   | 20×3                   | #200      | BR1-200203 | HK  |  |
| 20.0                   | 25×3                   | #200      | BR1-200253 | HK  |  |
| 20.0                   | 25×4                   | #200      | BR1-200254 | HK  |  |
| 20.0                   | 25×6                   | #250      | BR1-200256 | HK  |  |
| 20.0                   | 30×2                   | #200      | BR1-200302 | HK  |  |
| 20.0                   | 30×3                   | #200      | BR1-200303 | HK  |  |
| 20.0                   | 30×4                   | #250      | BR1-200304 | HK  |  |
| 20.0                   | 30×5                   | #250      | BR1-200305 | HK  |  |
| 20.0                   | 31×3                   | #250      | BR1-200313 | HK  |  |
| 20.0                   | 31×6                   | #250      | BR1-200316 | HK  |  |
| 20.0                   | 38×3                   | #250      | BR1-200383 | HK  |  |
| 20.0                   | 38×5                   | #250      | BR1-200385 | HK  |  |
| 20.0                   | 38×6                   | 2x#150    | BR1-200386 | HK5 |  |
| 20.0                   | 40×3                   | #250      | BR1-200403 | HK  |  |
| 20.0                   | 40×4                   | #250      | BR1-200404 | HK  |  |
| 20.0                   | 40×5                   | 2x#150    | BR1-200405 | HK5 |  |
| 20.0                   | 40×6                   | 2x#150    | BR1-200406 | HK5 |  |
| 20.0                   | 50×3                   | #150+#200 | BR1-200503 | HK5 |  |
| 20.0                   | 50×4                   | #150+#200 | BR1-200504 | HK5 |  |
| 20.0                   | 50×5                   | #150+#200 | BR1-200505 | HK5 |  |
| 20.0                   | 50×6                   | #150+#200 | BR1-200506 | HK5 |  |

## Tap To Rod BR2



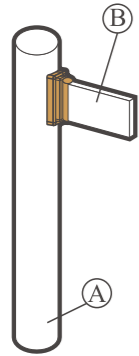
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |      |            |    |  |
|------------------------|------------------------|------|------------|----|--|
| 12.7                   | 20×3                   | #90  | BR2-127203 | HK |  |
| 12.7                   | 25×3                   | #90  | BR2-127253 | HK |  |
| 12.7                   | 25×4                   | #90  | BR2-127254 | HK |  |
| 12.7                   | 30×2                   | #90  | BR2-127302 | HK |  |
| 12.7                   | 30×3                   | #90  | BR2-127303 | HK |  |
| 12.7                   | 31×3                   | #90  | BR2-127313 | HK |  |
| 12.7                   | 38×3                   | #90  | BR2-127383 | HK |  |
| 12.7                   | 40×3                   | #90  | BR2-127403 | HK |  |
| 12.7                   | 50×3                   | #115 | BR2-127503 | HK |  |
| 14.2                   | 20×3                   | #90  | BR2-142203 | HK |  |
| 14.2                   | 25×3                   | #90  | BR2-142253 | HK |  |
| 14.2                   | 25×4                   | #115 | BR2-142254 | HK |  |
| 14.2                   | 25×6                   | #150 | BR2-142256 | HK |  |
| 14.2                   | 30×2                   | #90  | BR2-142302 | HK |  |
| 14.2                   | 30×3                   | #115 | BR2-142303 | HK |  |
| 14.2                   | 30×4                   | #150 | BR2-142304 | HK |  |
| 14.2                   | 30×5                   | #150 | BR2-142305 | HK |  |
| 14.2                   | 31×3                   | #115 | BR2-142313 | HK |  |
| 14.2                   | 31×6                   | #150 | BR2-142316 | HK |  |
| 14.2                   | 38×3                   | #150 | BR2-142383 | HK |  |
| 14.2                   | 38×5                   | #150 | BR2-142385 | HK |  |
| 14.2                   | 38×6                   | #200 | BR2-142386 | HK |  |
| 14.2                   | 40×3                   | #250 | BR2-142403 | HK |  |
| 14.2                   | 40×4                   | #150 | BR2-142404 | HK |  |
| 14.2                   | 40×5                   | #150 | BR2-142405 | HK |  |
| 14.2                   | 40×6                   | #200 | BR2-142406 | HK |  |
| 14.2                   | 50×3                   | #200 | BR2-142503 | HK |  |
| 14.2                   | 50×4                   | #200 | BR2-142504 | HK |  |
| 14.2                   | 50×5                   | #200 | BR2-142505 | HK |  |
| 14.2                   | 50×6                   | #250 | BR2-142506 | HK |  |
| 17.2                   | 20×3                   | #150 | BR2-172203 | HK |  |
| 17.2                   | 25×3                   | #150 | BR2-172253 | HK |  |
| 17.2                   | 25×4                   | #200 | BR2-172254 | HK |  |
| 17.2                   | 25×6                   | #200 | BR2-172256 | HK |  |
| 17.2                   | 30×2                   | #150 | BR2-172302 | HK |  |
| 17.2                   | 30×3                   | #150 | BR2-172303 | HK |  |

## Tap To Rod BR2



| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |           |            |     |  |
|------------------------|------------------------|-----------|------------|-----|--|
| 17.2                   | 30×4                   | #200      | BR2-172304 | HK  |  |
| 17.2                   | 30×5                   | #200      | BR2-172305 | HK  |  |
| 17.2                   | 31×3                   | #200      | BR2-172313 | HK  |  |
| 17.2                   | 31×6                   | #250      | BR2-172316 | HK  |  |
| 17.2                   | 38×3                   | #200      | BR2-172383 | HK  |  |
| 17.2                   | 38×5                   | #200      | BR2-172385 | HK  |  |
| 17.2                   | 38×6                   | #250      | BR2-172386 | HK  |  |
| 17.2                   | 40×3                   | #200      | BR2-172403 | HK  |  |
| 17.2                   | 40×4                   | #200      | BR2-172404 | HK  |  |
| 17.2                   | 40×5                   | #200      | BR2-172405 | HK  |  |
| 17.2                   | 40×6                   | #250      | BR2-172406 | HK  |  |
| 17.2                   | 50×3                   | 2x#150    | BR2-172503 | HK5 |  |
| 17.2                   | 50×4                   | 2x#150    | BR2-172504 | HK5 |  |
| 17.2                   | 50×5                   | 2x#150    | BR2-172505 | HK5 |  |
| 17.2                   | 50×6                   | 2x#150    | BR2-172506 | HK5 |  |
| 20.0                   | 20×3                   | #250      | BR2-200203 | HK  |  |
| 20.0                   | 25×3                   | 2x#150    | BR2-200253 | HK5 |  |
| 20.0                   | 25×4                   | 2x#150    | BR2-200254 | HK5 |  |
| 20.0                   | 25×6                   | 2x#150    | BR2-200256 | HK5 |  |
| 20.0                   | 30×2                   | 2x#150    | BR2-200302 | HK5 |  |
| 20.0                   | 30×3                   | 2x#150    | BR2-200303 | HK5 |  |
| 20.0                   | 30×4                   | 2x#150    | BR2-200304 | HK5 |  |
| 20.0                   | 30×5                   | 2x#150    | BR2-200305 | HK5 |  |
| 20.0                   | 31×3                   | 2x#150    | BR2-200313 | HK5 |  |
| 20.0                   | 31×6                   | #150+#200 | BR2-200316 | HK5 |  |
| 20.0                   | 38×3                   | #150+#200 | BR2-200383 | HK5 |  |
| 20.0                   | 38×5                   | #150+#200 | BR2-200385 | HK5 |  |
| 20.0                   | 38×6                   | #150+#200 | BR2-200386 | HK5 |  |
| 20.0                   | 40×3                   | #150+#200 | BR2-200403 | HK5 |  |
| 20.0                   | 40×4                   | #150+#200 | BR2-200404 | HK5 |  |
| 20.0                   | 40×5                   | #150+#200 | BR2-200405 | HK5 |  |
| 20.0                   | 40×6                   | #150+#200 | BR2-200406 | HK5 |  |
| 20.0                   | 50×3                   | 2x#200    | BR2-200503 | HK5 |  |
| 20.0                   | 50×4                   | 2x#200    | BR2-200504 | HK5 |  |
| 20.0                   | 50×5                   | 2x#200    | BR2-200505 | HK5 |  |
| 20.0                   | 50×6                   | 2x#200    | BR2-200506 | HK5 |  |

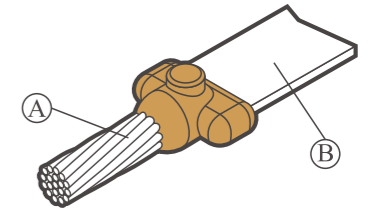
## Tube To Tap BR3



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |            |     |  |
|----------------------|----------------------|--------|------------|-----|--|
| 50                   | 50×3                 | 2x#150 | BR3-500503 | Hk5 |  |

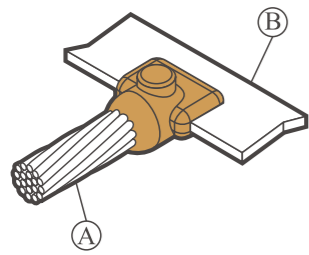
## Cable To Tap CB1

| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |             |     |        |
|----------------------|----------------------|--------|-------------|-----|--------|
| 16                   | 20×3                 | #45    | CB1-16203   | HK  | 1×S103 |
| 16                   | 25×3                 | #45    | CB1-16253   | HK  | 1×S103 |
| 25                   | 20×3                 | #45    | CB1-25203   | HK  |        |
| 25                   | 25×3                 | #45    | CB1-25253   | HK  |        |
| 35                   | 20×3                 | #45    | CB1-35203   | HK  |        |
| 35                   | 25×3                 | #45    | CB1-35253   | HK  |        |
| 50                   | 20×3                 | #45    | CB1-50203   | HK  |        |
| 50                   | 25×3                 | #65    | CB1-50253   | HK  |        |
| Φ 8mm                | 20×3                 | #45    | CB1-8SC203  | HK  |        |
| Φ 8mm                | 25×3                 | #65    | CB1-8SC253  | HK  |        |
| 70                   | 25×3                 | #65    | CB1-70253   | HK  |        |
| 70                   | 25×4                 | #65    | CB1-70254   | HK  |        |
| 70                   | 25×6                 | #65    | CB1-70256   | HK  |        |
| Φ 10mm               | 25×3                 | #65    | CB1-10SC253 | HK  |        |
| Φ 10mm               | 25×4                 | #65    | CB1-10SC254 | HK  |        |
| Φ 10mm               | 25×6                 | #65    | CB1-10SC256 | HK  |        |
| 95                   | 25×4                 | #90    | CB1-95254   | HK  |        |
| 95                   | 25×6                 | #90    | CB1-95256   | HK  |        |
| 120                  | 25×6                 | #90    | CB1-120256  | HK  |        |
| 120                  | 30×5                 | #115   | CB1-120305  | HK  |        |
| 150                  | 25×6                 | #115   | CB1-150256  | HK  |        |
| 150                  | 30×5                 | #115   | CB1-150305  | HK  |        |
| 150                  | 40×5                 | #150   | CB1-150405  | HK  |        |
| 185                  | 31×6                 | #150   | CB1-185316  | HK  |        |
| 185                  | 40×5                 | #150   | CB1-185405  | HK  |        |
| 185                  | 50×5                 | #200   | CB1-185505  | HK  |        |
| 240                  | 50×5                 | #200   | CB1-240505  | HK  |        |
| 240                  | 50×6                 | 2x#150 | CB1-240506  | HK5 |        |
| 300                  | 50×6                 | 2x#150 | CB1-300506  | HK5 |        |



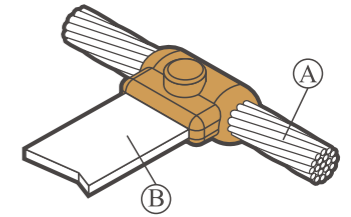


## Cable To Tap CB4



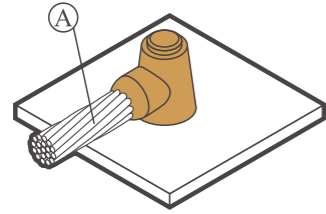
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |        |             |     |        |
|------------------------|------------------------|--------|-------------|-----|--------|
| 16                     | 20×3                   | #45    | CB4-16203   | HK  | 1×S103 |
| 16                     | 25×3                   | #45    | CB4-16253   | HK  | 1×S103 |
| 25                     | 20×3                   | #45    | CB4-25203   | HK  |        |
| 25                     | 25×3                   | #45    | CB4-25253   | HK  |        |
| 35                     | 20×3                   | #45    | CB4-35203   | HK  |        |
| 35                     | 25×3                   | #45    | CB4-35253   | HK  |        |
| 50                     | 20×3                   | #45    | CB4-50203   | HK  |        |
| 50                     | 25×3                   | #45    | CB4-50253   | HK  |        |
| Φ 8mm                  | 20×3                   | #45    | CB4-8SC203  | HK  |        |
| Φ 8mm                  | 25×3                   | #45    | CB4-8SC253  | HK  |        |
| 70                     | 25×3                   | #65    | CB4-70253   | HK  |        |
| 70                     | 25×4                   | #65    | CB4-70254   | HK  |        |
| 70                     | 25×6                   | #90    | CB4-70256   | HK  |        |
| Φ 10mm                 | 25×3                   | #65    | CB4-10SC253 | HK  |        |
| Φ 10mm                 | 25×4                   | #65    | CB4-10SC254 | HK  |        |
| Φ 10mm                 | 25×6                   | #90    | CB4-10SC256 | HK  |        |
| 95                     | 25×4                   | #90    | CB4-95254   | HK  |        |
| 95                     | 25×6                   | #115   | CB4-95256   | HK  |        |
| 120                    | 25×6                   | #115   | CB4-120256  | HK  |        |
| 120                    | 30×5                   | #115   | CB4-120305  | HK  |        |
| 150                    | 25×6                   | #115   | CB4-150256  | HK  |        |
| 150                    | 30×5                   | #115   | CB4-150305  | HK  |        |
| 150                    | 40×5                   | #115   | CB4-150405  | HK  |        |
| 185                    | 31×6                   | #150   | CB4-185316  | HK  |        |
| 185                    | 40×5                   | #150   | CB4-185405  | HK  |        |
| 185                    | 50×5                   | #150   | CB4-185505  | HK  |        |
| 240                    | 50×5                   | #200   | CB4-240505  | HK  |        |
| 240                    | 50×6                   | #250   | CB4-240506  | HK  |        |
| 300                    | 50×6                   | 2x#150 | CB4-300506  | HK5 |        |

## Cable To Tap CB5



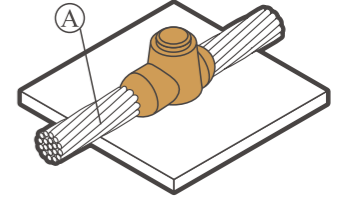
| (A)<br>mm <sup>2</sup> | (B)<br>mm <sup>2</sup> |        |             |     |        |
|------------------------|------------------------|--------|-------------|-----|--------|
| 16                     | 20×3                   | #45    | CB5-16203   | HK  | 2×S103 |
| 16                     | 25×3                   | #65    | CB5-16253   | HK  | 2×S103 |
| 25                     | 20×3                   | #45    | CB5-25203   | HK  |        |
| 25                     | 25×3                   | #65    | CB5-25253   | HK  |        |
| 35                     | 20×3                   | #45    | CB5-35203   | HK  |        |
| 35                     | 25×3                   | #65    | CB5-35253   | HK  |        |
| 50                     | 20×3                   | #65    | CB5-50203   | HK  |        |
| 50                     | 25×3                   | #65    | CB5-50253   | HK  |        |
| Φ 8mm                  | 20×3                   | #65    | CB5-8SC203  | HK  |        |
| Φ 8mm                  | 25×3                   | #65    | CB5-8SC253  | HK  |        |
| 70                     | 25×3                   | #90    | CB5-70253   | HK  |        |
| 70                     | 25×4                   | #115   | CB5-70254   | HK  |        |
| 70                     | 25×6                   | #115   | CB5-70256   | HK  |        |
| Φ 10mm                 | 25×3                   | #115   | CB5-10SC253 | HK  |        |
| Φ 10mm                 | 25×4                   | #150   | CB5-10SC254 | HK  |        |
| Φ 10mm                 | 25×6                   | #150   | CB5-10SC256 | HK  |        |
| 95                     | 25×4                   | #150   | CB5-95254   | HK  |        |
| 95                     | 25×6                   | #150   | CB5-95256   | HK  |        |
| 120                    | 25×6                   | #150   | CB5-120256  | HK  |        |
| 120                    | 30×5                   | #200   | CB5-120305  | HK  |        |
| 150                    | 25×6                   | #200   | CB5-150256  | HK  |        |
| 150                    | 30×5                   | #200   | CB5-150305  | HK  |        |
| 150                    | 40×5                   | #250   | CB5-150405  | HK  |        |
| 185                    | 31×6                   | #250   | CB5-185316  | HK  |        |
| 185                    | 40×5                   | #250   | CB5-185405  | HK  |        |
| 185                    | 50×5                   | 2x#150 | CB5-185505  | HK5 |        |
| 240                    | 50×5                   | 2x#150 | CB5-240505  | HK5 |        |
| 240                    | 50×6                   | 2x#200 | CB5-240506  | HK5 |        |
| 300                    | 50×6                   | 3x#200 | CB5-300506  | HK5 |        |

## Cable To Steel Structure CS1



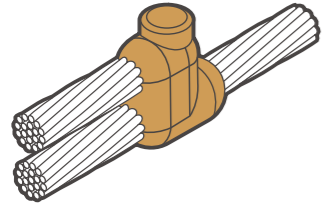
| $\text{A}$<br>mm <sup>2</sup> |        |          |     |        |
|-------------------------------|--------|----------|-----|--------|
| 16                            | #65    | CS1-16   | HK  | 1×S103 |
| 25                            | #65    | CS1-25   | HK  |        |
| 35                            | #65    | CS1-35   | HK  |        |
| Φ 8mm                         | #90    | CS1-8SC  | HK  |        |
| 50                            | #90    | CS1-50   | HK  |        |
| Φ 10mm                        | #90    | CS1-10SC | HK  |        |
| 70                            | #90    | CS1-70   | HK  |        |
| 95                            | #115   | CS1-95   | HK  |        |
| 120                           | #115   | CS1-120  | HK  |        |
| 150                           | #200   | CS1-150  | HK  |        |
| 185                           | #250   | CS1-185  | HK  |        |
| 240                           | 2x#150 | CS1-240  | HK5 |        |
| 300                           | 2x#200 | CS1-300  | HK5 |        |

## Cable To Steel Structure CS2



| $\text{A}$<br>mm <sup>2</sup> |        |          |     |        |
|-------------------------------|--------|----------|-----|--------|
| 16                            | #65    | CS2-16   | HK  | 2×S103 |
| 25                            | #65    | CS2-25   | HK  |        |
| 35                            | #65    | CS2-35   | HK  |        |
| Φ 8mm                         | #90    | CS2-8SC  | HK  |        |
| 50                            | #90    | CS2-50   | HK  |        |
| Φ 10mm                        | #115   | CS2-10SC | HK  |        |
| 70                            | #115   | CS2-70   | HK  |        |
| 95                            | #115   | CS2-95   | HK  |        |
| 120                           | #150   | CS2-120  | HK  |        |
| 150                           | #200   | CS2-150  | HK  |        |
| 185                           | #250   | CS2-185  | HK  |        |
| 240                           | 2x#150 | CS2-240  | HK5 |        |
| 300                           | 2x#200 | CS2-300  | HK5 |        |

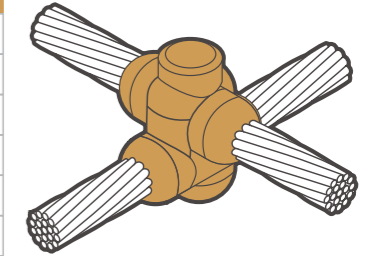
## Cable To Cable CC6



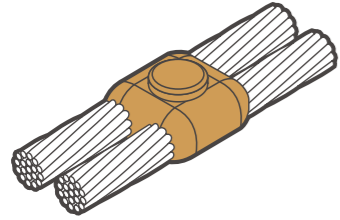
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |            |    |        |
|----------------------|----------------------|------|------------|----|--------|
| 16                   | 16                   | #65  | CC6-1616   | HK | 3×S103 |
| 25                   | 25                   | #45  | CC6-2525   | HK |        |
| 35                   | 35                   | #65  | CC6-3535   | HK |        |
| 35                   | 25                   | #65  | CC6-3525   | HK |        |
| 50                   | 50                   | #90  | CC6-5050   | HK |        |
| 50                   | 35                   | #65  | CC6-5035   | HK |        |
| 50                   | 25                   | #65  | CC6-5025   | HK |        |
| 70                   | 70                   | #115 | CC6-7070   | HK |        |
| 70                   | 50                   | #115 | CC6-7050   | HK |        |
| 70                   | 35                   | #90  | CC6-7035   | HK |        |
| 70                   | 25                   | #90  | CC6-7025   | HK |        |
| 95                   | 95                   | #150 | CC6-9595   | HK |        |
| 95                   | 70                   | #115 | CC6-9570   | HK |        |
| 95                   | 50                   | #115 | CC6-9550   | HK |        |
| 95                   | 35                   | #115 | CC6-9535   | HK |        |
| 120                  | 120                  | #200 | CC6-120120 | HK |        |
| 120                  | 95                   | #200 | CC6-12095  | HK |        |
| 120                  | 70                   | #150 | CC6-12070  | HK |        |
| 120                  | 50                   | #115 | CC6-12050  | HK |        |

## Cable To Cable CC11

| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |        |               |     |  |
|----------------------|----------------------|--------|---------------|-----|--|
| 50                   | 50                   | #150   | CC11-5050     | HK  |  |
| 70                   | 70                   | #200   | CC11-7070     | HK  |  |
| 95                   | 95                   | #250   | CC11-9595     | HK  |  |
| 120                  | 120                  | 2x#150 | CC11-120120   | HK5 |  |
| 150                  | 150                  | 2x#200 | CC11-150150   | HK5 |  |
| 185                  | 185                  | 2x#250 | CC11-185185   | HK5 |  |
| 240                  | 240                  | 3x#200 | CC11-240240   | HK5 |  |
| Φ10                  | Φ10                  | #150   | CC11-10SC10SC | HK  |  |



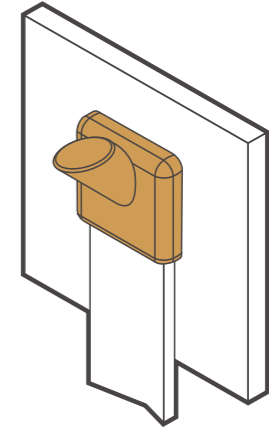
## Cable To Cable CC14



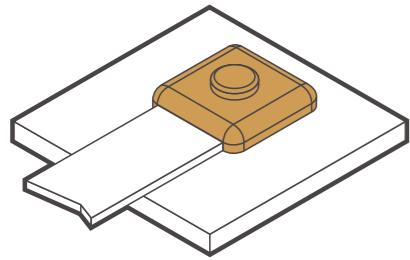
| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |      |             |    |        |
|----------------------|----------------------|------|-------------|----|--------|
| 16                   | 16                   | #65  | CC14-1616   | HK | 4×S103 |
| 25                   | 25                   | #45  | CC14-2525   | HK |        |
| 35                   | 35                   | #65  | CC14-3535   | HK |        |
| 35                   | 25                   | #65  | CC14-3525   | HK |        |
| 50                   | 50                   | #90  | CC14-5050   | HK |        |
| 50                   | 35                   | #90  | CC14-5035   | HK |        |
| 50                   | 25                   | #90  | CC14-5025   | HK |        |
| 70                   | 70                   | #115 | CC14-7070   | HK |        |
| 70                   | 50                   | #115 | CC14-7050   | HK |        |
| 70                   | 35                   | #90  | CC14-7035   | HK |        |
| 70                   | 25                   | #90  | CC14-7025   | HK |        |
| 95                   | 95                   | #150 | CC14-9595   | HK |        |
| 95                   | 70                   | #150 | CC14-9570   | HK |        |
| 95                   | 50                   | #150 | CC14-9550   | HK |        |
| 95                   | 35                   | #115 | CC14-9535   | HK |        |
| 120                  | 120                  | #200 | CC14-120120 | HK |        |
| 120                  | 95                   | #200 | CC14-12095  | HK |        |
| 120                  | 70                   | #200 | CC14-12070  | HK |        |
| 120                  | 50                   | #150 | CC14-12050  | HK |        |

## Tap To Steel Structure BS1

| A<br>mm <sup>2</sup> |        |         |     |  |  |
|----------------------|--------|---------|-----|--|--|
| 20×3                 | #65    | BS1-203 | HK  |  |  |
| 25×3                 | #90    | BS1-253 | HK  |  |  |
| 25×4                 | #90    | BS1-254 | HK  |  |  |
| 25×6                 | #150   | BS1-256 | HK  |  |  |
| 30×2                 | #90    | BS1-302 | HK  |  |  |
| 30×3                 | #90    | BS1-303 | HK  |  |  |
| 30×4                 | #115   | BS1-304 | HK  |  |  |
| 30×5                 | #150   | BS1-305 | HK  |  |  |
| 40×3                 | #150   | BS1-403 | HK  |  |  |
| 40×4                 | #200   | BS1-404 | HK  |  |  |
| 40×5                 | #200   | BS1-405 | HK  |  |  |
| 40×6                 | #250   | BS1-406 | HK  |  |  |
| 50×3                 | #200   | BS1-503 | HK  |  |  |
| 50×4                 | #250   | BS1-504 | HK  |  |  |
| 50×5                 | #250   | BS1-505 | HK  |  |  |
| 50×6                 | 2x#150 | BS1-506 | HK5 |  |  |

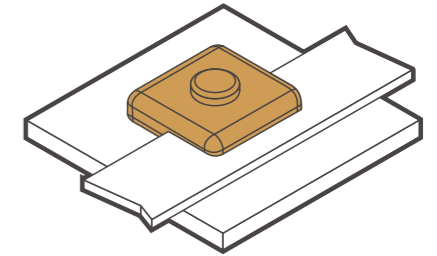


## Tap To Steel Structure BS2



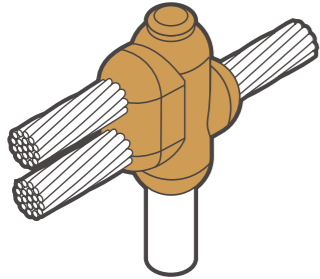
| $\text{A}$<br>mm <sup>2</sup> |        |         |     |  |
|-------------------------------|--------|---------|-----|--|
| 20×3                          | #90    | BS2-203 | HK  |  |
| 25×3                          | #90    | BS2-253 | HK  |  |
| 25×4                          | #90    | BS2-254 | HK  |  |
| 25×6                          | #150   | BS2-256 | HK  |  |
| 30×2                          | #115   | BS2-302 | HK  |  |
| 30×3                          | #115   | BS2-303 | HK  |  |
| 30×4                          | #150   | BS2-304 | HK  |  |
| 30×5                          | #200   | BS2-305 | HK  |  |
| 40×3                          | #115   | BS2-403 | HK  |  |
| 40×4                          | #200   | BS2-404 | HK  |  |
| 40×5                          | #200   | BS2-405 | HK  |  |
| 40×6                          | #250   | BS2-406 | HK  |  |
| 50×3                          | #200   | BS2-503 | HK  |  |
| 50×4                          | 2x#150 | BS2-504 | HK5 |  |
| 50×5                          | 2x#150 | BS2-505 | HK5 |  |
| 50×6                          | 2x#150 | BS2-506 | HK5 |  |

## Tap To Steel Structure BS3



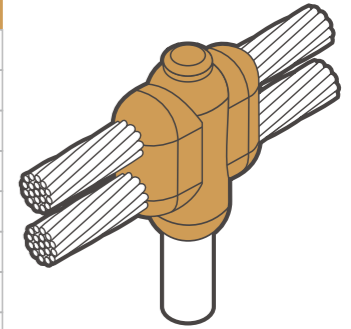
| $\text{A}$<br>mm <sup>2</sup> |      |         |    |  |
|-------------------------------|------|---------|----|--|
| 20×3                          | #90  | BS3-203 | HK |  |
| 25×3                          | #115 | BS3-253 | HK |  |
| 25×4                          | #115 | BS3-254 | HK |  |
| 25×6                          | #150 | BS3-256 | HK |  |
| 30×2                          | #115 | BS3-302 | HK |  |
| 30×3                          | #115 | BS3-303 | HK |  |
| 30×4                          | #150 | BS3-304 | HK |  |
| 30×5                          | #200 | BS3-305 | HK |  |
| 40×3                          | #150 | BS3-403 | HK |  |
| 40×4                          | #200 | BS3-404 | HK |  |
| 40×5                          | #250 | BS3-405 | HK |  |
| 40×6                          | #250 | BS3-406 | HK |  |
| 50×3                          | #250 | BS3-503 | HK |  |
| 50×4                          | #250 | BS3-504 | HK |  |
| 50×5                          | #250 | BS3-505 | HK |  |
| 50×6                          | #250 | BS3-506 | HK |  |

## Cable To Rod CR17



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |           |             |     |        |
|----------------------|----------------------|-----------|-------------|-----|--------|
| Φ 14. 2mm            | 16                   | #90       | CR17-14216  | HK  | 3×S103 |
| Φ 14. 2mm            | 25                   | #90       | CR17-14225  | HK  |        |
| Φ 14. 2mm            | 35                   | #90       | CR17-14235  | HK  |        |
| Φ 14. 2mm            | 50                   | #115      | CR17-14250  | HK  |        |
| Φ 14. 2mm            | 70                   | #200      | CR17-14270  | HK  |        |
| Φ 14. 2mm            | 95                   | #250      | CR17-14295  | HK  |        |
| Φ 14. 2mm            | 120                  | #250      | CR17-142120 | HK  |        |
| Φ 14. 2mm            | 150                  | #250      | CR17-142150 | HK  |        |
| Φ 14. 2mm            | 185                  | 2x#150    | CR17-142185 | HK5 |        |
| Φ 14. 2mm            | 240                  | 2x#200    | CR17-142240 | HK5 |        |
| Φ 17. 2mm            | 16                   | #115      | CR17-17216  | HK  | 3×S103 |
| Φ 17. 2mm            | 25                   | #115      | CR17-17225  | HK  |        |
| Φ 17. 2mm            | 35                   | #115      | CR17-17235  | HK  |        |
| Φ 17. 2mm            | 50                   | #115      | CR17-17250  | HK  |        |
| Φ 17. 2mm            | 70                   | #200      | CR17-17270  | HK  |        |
| Φ 17. 2mm            | 95                   | #250      | CR17-17295  | HK  |        |
| Φ 17. 2mm            | 120                  | #250      | CR17-172120 | HK  |        |
| Φ 17. 2mm            | 150                  | 2x#150    | CR17-172150 | HK5 |        |
| Φ 17. 2mm            | 185                  | 2x#150    | CR17-172185 | HK5 |        |
| Φ 17. 2mm            | 240                  | 2x#200    | CR17-172240 | HK5 |        |
| Φ 20mm               | 16                   | #250      | CR17-20016  | HK  | 3×S103 |
| Φ 20mm               | 25                   | #250      | CR17-20025  | HK  |        |
| Φ 20mm               | 35                   | #250      | CR17-20035  | HK  |        |
| Φ 20mm               | 50                   | 2x#150    | CR17-20050  | HK5 |        |
| Φ 20mm               | 70                   | 2x#150    | CR17-20070  | HK5 |        |
| Φ 20mm               | 95                   | 2x#150    | CR17-20095  | HK5 |        |
| Φ 20mm               | 120                  | #150+#200 | CR17-200120 | HK5 |        |
| Φ 20mm               | 150                  | #150+#200 | CR17-200150 | HK5 |        |
| Φ 20mm               | 185                  | 2x#200    | CR17-200185 | HK5 |        |
| Φ 20mm               | 240                  | 3x#150    | CR17-200240 | HK5 |        |

## Cable To Rod CR24



| A<br>mm <sup>2</sup> | B<br>mm <sup>2</sup> |           |             |     |        |
|----------------------|----------------------|-----------|-------------|-----|--------|
| Φ 14. 2mm            | 16                   | #90       | CR24-14216  | HK  | 3×S103 |
| Φ 14. 2mm            | 25                   | #90       | CR24-14225  | HK  |        |
| Φ 14. 2mm            | 35                   | #90       | CR24-14235  | HK  |        |
| Φ 14. 2mm            | 50                   | #115      | CR24-14250  | HK  |        |
| Φ 14. 2mm            | 70                   | #150      | CR24-14270  | HK  |        |
| Φ 14. 2mm            | 95                   | #250      | CR24-14295  | HK  |        |
| Φ 14. 2mm            | 120                  | 2x#150    | CR24-142120 | HK5 |        |
| Φ 14. 2mm            | 150                  | 2x#150    | CR24-142150 | HK5 |        |
| Φ 14. 2mm            | 185                  | 2x#200    | CR24-142185 | HK5 |        |
| Φ 14. 2mm            | 240                  | 2x#200    | CR24-142240 | HK5 |        |
| Φ 17. 2mm            | 16                   | #115      | CR24-17216  | HK  | 3×S103 |
| Φ 17. 2mm            | 25                   | #115      | CR24-17225  | HK  |        |
| Φ 17. 2mm            | 35                   | #115      | CR24-17235  | HK  |        |
| Φ 17. 2mm            | 50                   | #250      | CR24-17250  | HK  |        |
| Φ 17. 2mm            | 70                   | 2x#150    | CR24-17270  | HK5 |        |
| Φ 17. 2mm            | 95                   | 2x#150    | CR24-17295  | HK5 |        |
| Φ 17. 2mm            | 120                  | 2x#150    | CR24-172120 | HK5 |        |
| Φ 17. 2mm            | 150                  | 2x#200    | CR24-172150 | HK5 |        |
| Φ 17. 2mm            | 185                  | 2x#200    | CR24-172185 | HK5 |        |
| Φ 17. 2mm            | 240                  | 2x#250    | CR24-172240 | HK5 |        |
| Φ 20mm               | 16                   | 2x#150    | CR24-20016  | HK5 | 3×S103 |
| Φ 20mm               | 25                   | 2x#150    | CR24-20025  | HK5 |        |
| Φ 20mm               | 35                   | 2x#150    | CR24-20035  | HK5 |        |
| Φ 20mm               | 50                   | #150+#200 | CR24-20050  | HK5 |        |
| Φ 20mm               | 70                   | #150+#200 | CR24-20070  | HK5 |        |
| Φ 20mm               | 95                   | #150+#200 | CR24-20095  | HK5 |        |
| Φ 20mm               | 120                  | 2x#200    | CR24-200120 | HK5 |        |
| Φ 20mm               | 150                  | 2x#200    | CR24-200150 | HK5 |        |
| Φ 20mm               | 185                  | 3x#150    | CR24-200185 | HK5 |        |
| Φ 20mm               | 240                  | 2x#250    | CR24-200240 | HK5 |        |

## Exothermic Welding

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|    | Cable To Cable CC4  | IV-8      |    | Tap To Rod BR2               | IV-26 |
|    | Cable To Cable CC11 | IV-9      |    | Tube To Tap BR3              | IV-28 |
|    | Cable to Rod CC1    | IV-9      |    | Cable To Tap CB1             | IV-29 |
|    | Rod To Rod CC1      | IV-10     |    | Cable To Tap CB4             | IV-30 |
|    | Rod To Rod CC4      | IV-11     |    | Cable To Tap CB5             | IV-31 |
|    | Rod To Rod CC2      | IV-12     |    | Cable To Steel Structure CS1 | IV-32 |
|  | Rod To Rod CR1      | IV-13     |  | Cable To Steel Structure CS2 | IV-33 |
|  | Rod To Rod CR1      | IV-14     |  | Cable To Cable CC6           | IV-34 |
|  | Tap To Tap BB1      | IV-15     |  | Cable To Cable CC11          | IV-35 |
|  | Tap To Tap BB3      | IV-16     |  | Cable To Cable CC14          | IV-36 |
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### LPINZ EXO-WELD - Exothermic Welding Training

- ✓ A comprehensive overview of the LPINZ Exo-Weld Range
- ✓ Physical demonstrations emphasising safety and ways of working
- ✓ Supervised Exothermic Welding
- ✓ The LPINZ Exo-Weld course enables attendees to weld high quality exothermic bonds and effectively carry out various methods of exothermic welding (flint or electrical)
- ✓ Certificate awarded underlining the completion of the LPINZ Exothermic Course



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