

# Welding procedure

KLK Aluminothermic Welding

# K Cup<sup>®</sup>

Our New REVOLUTION Welding procedure for electrical connections.

The **K cup<sup>®</sup> new welding process** is faster and safer than any other type of connection. The KLK Weld by K cup system is the best solution for making electrical connections of copper cable anywhere due to the convenience of not handling any ignition dust and the possibility of remote connection. The **K cup<sup>®</sup>** is the definitive solution that will **revolutionize the grounding connections** by means of aluminothermic welding.



# Cup<sup>®</sup>



Aluminothermic welding is the most common connection system for grounding connections. The KLK solder kit connections are an international standard with which thousands of professionals ensure the quality of their electrical installations by using KLK WELD products.

The **K cup<sup>®</sup> welding process** is the evolution of our kits for exothermic connections where we have simplified the procedure of use while maintaining the quality of each connection.

On K cup<sup>®</sup> connections the reaction is very fast and therefore the parts to be welded acquire, in the area surrounding the welding point, a much lower temperature than that obtained using the usual procedures, a very important factor when it is a question of protecting the insulation of the cable or the

Scan code and get more information.



physical characteristics of the materials to be welded. **KLK-WELD** can be used not only for soldering copper to copper, but also for soldering steel to copper, etc.

The new **K cup<sup>®</sup> welding** system avoids on-site handling and mixing of the proportions of ignition and aluminothermic powders and eliminates the use of the anti-leakage disc that was used in the traditional model to avoid leaks, improving consistency and conductivity in the material supply.

The fast reaction eliminates all possible imperfections while at the same time allowing the resulting weld to last over time while maintaining all the properties of the welded conductors by not overexposing them to long periods of high temperatures. Get more info on

[www.klk.es](http://www.klk.es)



K cup<sup>®</sup> welding mode and connection caps.

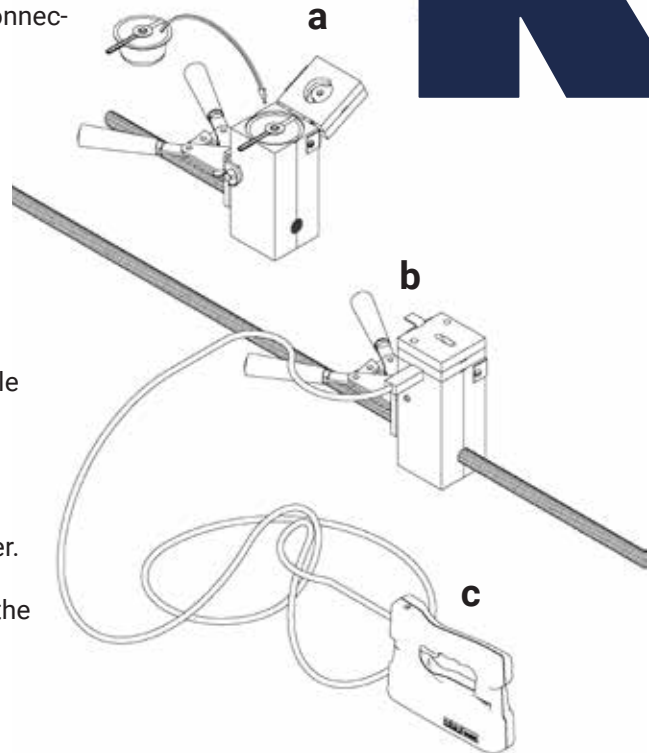
The **KCup® welding process** kit simplifies and summarizes the time to follow in order to achieve a perfect aluminum thermal welding.

As it is an encapsulated format, the soldering procedure is further simplified, as there is no need to place the disc at the bottom of the hopper, uncover the traditional plastic containers, pour the different mixtures in the right way, and so on. This makes it possible to make the best connections between grounding conductors in the easiest and quickest way.



**Step-by-step summary for use :**

- a.** Position the conductors and insert the ignition capsule into the mold.
- b.** Place the starting electrode and close the mold.
- c.** Operates the remote starter on the remote controller.
- d.** Wait a few minutes and open the model to release the resulting solder.



Perfect welds with maximum savings in the use of filler materials. List of our packaging:



Hi quality connection by K cup®

Capsules	Type	Qty per carton(*)
Capsule KC45	K CUP	8 unid
Capsule KC65	K CUP	8 unid
Capsule KC90	K CUP	6 unid
Capsule KC115	K CUP	6 unid
Capsule KC150	K CUP	4 unid
Capsule KC200	K CUP	4 unid
Capsule KC250	K CUP	4 unid

(\*)the K cup capsules Estimated quantities per complete package



# Easy and convenient use

The **KCup® welding process** kit the K cup welding system allows different types of connections between conductors, plates and steel bars...etc

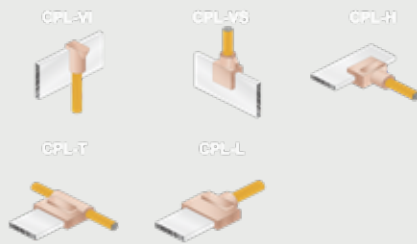
## Cable-Cable



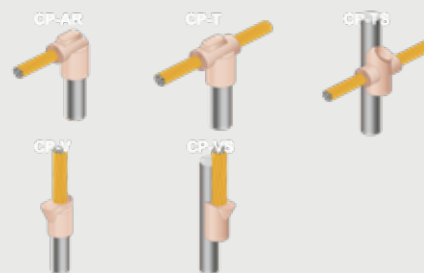
## Cable-Steel deformed bar



## Cable-Copper flat rod

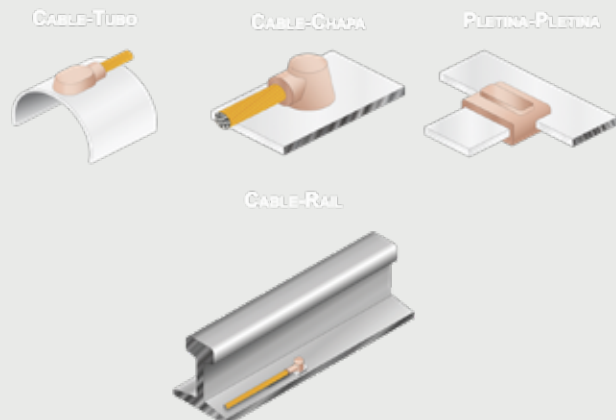


## Cable-Rods



## Other possible connections

Scan the QR code and learn about all possible **KLK WELD** connections.



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