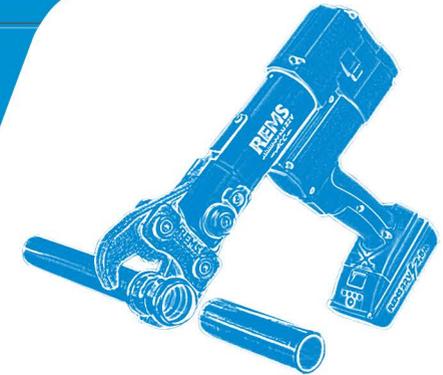


# HSS Hire



## Pipe Joint Crimping Set

For pressing radial tube pressure joints



Code 68613

### EQUIPMENT CARE

**Never push the equipment beyond its design limits.** If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Hire Shop for advice. **Keep the equipment clean** - you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

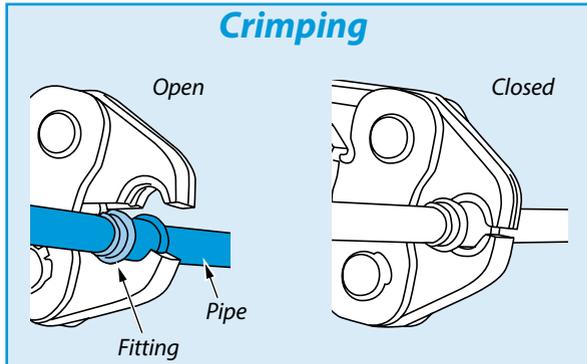
When not in use, **store the equipment somewhere clean, dry and safe** from thieves.

### FINISHING OFF

**Disconnect the battery and place with the charger in the carry case.**

**Remove the fitted jaw and place the de-burrer, jaw and unit in the carry case ready for return,** to your local HSS Hire Shop.

### Crimping



### Pressure Monitoring

The pressure is monitored during pressing in the REMS Akku-Press 22V ACC. Upon completion of the pressing process, **the pressure indicator LED lights white if the pressure is within specification. If this lights red, the pressure was less than specified. If it lights red and the drive unit is switched off, the pressure was greater than specified. Hold the reset button until the pressing rollers have moved back completely.** If the pressure was out of specification, a new pressing process can be started and the pressure indicator LED then lights white again during the pressing process. **After a dwell time of approx. 2 minutes, the LED goes out but lights up again, when the drive unit is switched back on. If the pressure indicator LED lights red, it is recommended to return the equipment to your local HSS depot.**



### ...any comments?

...any comments?  
If you have any suggestions to enable us to improve the information within this guide please email your comments to [safety@hss.com](mailto:safety@hss.com)

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76 Talbot Road, Old Trafford, Manchester, M16 0PQ

<http://www.hss.com>

## GENERAL SAFETY

For advice on the safety and suitability of this equipment **contact your local HSS Hire Shop.**

**There is a serious risk of personal injury** if you do not **follow all instructions** laid down in this guide.

The hirer has a responsibility to **ensure that all necessary risk assessments have been completed** prior to the use of this equipment.

**This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.**

**This equipment should be used by an able bodied, competent adult** who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

**Keep children, animals and bystanders away from the work area.** Cordon off a NO GO area using either cones, barriers or tape, available for hire from your local HSS Hire Shop.

  **Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.**

 **Wear practical, protective clothing, gloves and footwear.** Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

**Ensure the work area is well lit and ventilated,** if in doubt, ask about lighting and ventilation equipment at your local HSS Hire Shop.

**Do not work near flammable gases or liquids,** petrol or paint thinner fumes for example. **Keep combustible materials at a safe distance** - at least 5m.

**Always ensure that the ON/OFF switch is locked in the OFF position** when the crimper is not in use. **Remove the battery and store it carefully in the carry case provided.** Never leave the crimper unattended.

**Do not use this equipment on live water or gas pipes.** **To safeguard against the risk of fire, never allow the battery terminals to come in contact with metal objects.**

**Make sure that everyone is warned of what you are doing.**

**Check the condition of the equipment before use.** If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

## ELECTRICAL SAFETY

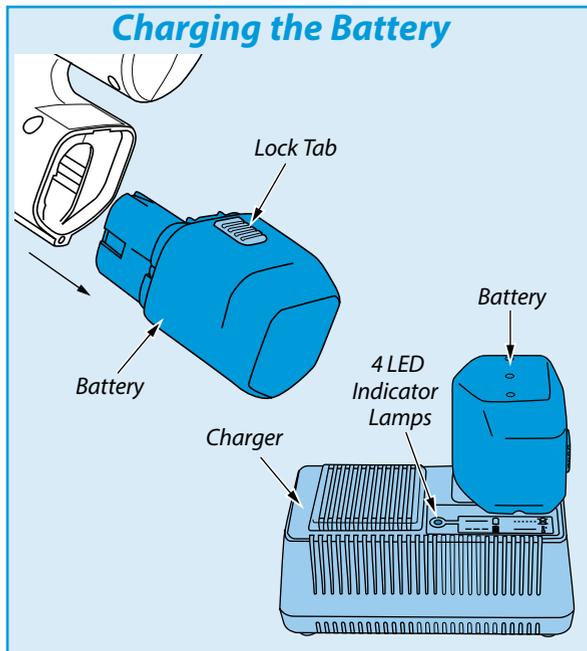
**The battery charger is designed to plug straight into a standard 230V 13-amp power socket.**

To **remove the battery** from the crimper, **press the lock tab** in with **finger or thumb** and **pull the battery** clear.

**To recharge,** insert the battery pack **into the charger,** it will only go in one way. Then plug the charger into a suitable power supply and **switch the power ON,** recharging is fully automatic.

## Graduated charging level indicator of the Li-Ion 21.6V Battery

The graduated charging level indicator shows the charging level of the battery with **4 LEDs** At least one LED lights for a few seconds after pressing the key with the battery symbol. **The more LEDs that light green, the higher the charging level of the battery. If an LED flashes red, the battery must be recharged.**



Depending upon conditions, **the battery will be fully charged between 45 and 90 minutes.**

If an **extension lead** is used for the charger it **should be fully unwound and loosely coiled,** away from the equipment. Never run leads through water, over sharp edges or where they could trip someone.

**Using the charger in very damp or wet conditions can be dangerous.**

**To reduce the risk of electric shock, use a suitable RCD** (Residual Current-Operated Device) available from your local HSS Hire Shop, or power the charger from a mains circuit with a built-in RCD.

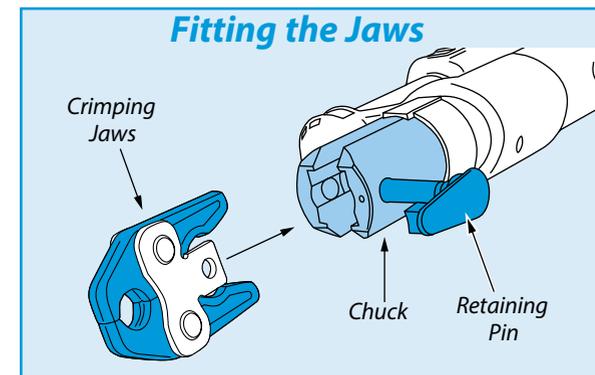
**If the charger fails, or if its power supply cable or plug gets damaged, return it.** Never try to repair it yourself. **Never carry or pull the charger by its power supply cable.**

## GETTING STARTED

**Select the correct set of crimping jaws for the work in progress,** there is a choice of 15, 22, 28 and 35mm jaws suitable for mannesman or yorkshire press fit pipe fittings. Oversize jaws are available to press joints 42-54mm. If you have any other type of fitting contact your local HSS Hire Shop for advice.

**Be sure to follow all instructions and recommendations supplied by the fitting manufacturer.**

To **fit a set of jaws,** rotate the retaining pin half a turn then withdraw it from the chuck. **Insert the jaws into the chuck** recess then push the retaining pin back in so that it locates through the jaw.



It may be necessary to move the jaws out slightly to allow the pin to locate. **Once in place, rotate the locating pin half a turn to secure in place.**

All that remains is to **attach a fully charged battery,** simply insert the battery into the recess at the rear of the unit until it clicks in position.

**The unit is now ready to use.**

## BASIC TECHNIQUES

Having fitted the unit with a fully charged battery and the correct size jaw, **check the unit for correct operation.**

**Hold the unit and press the ON button for 5 seconds.** The unit will start the crimping routine, the jaws will close then open ready for removal of the crimped joint.