

## 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 equipment 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

**Feed the rod into the wheel as you extract it from the service pipe. Turn the wheel lock lever clockwise to stop the wheel rotating then (where applicable) detach the cable from the rope eye.**

**Finally, give the unit a clean up ready for return, to your local HSS Hire Shop.**



### ...any comments?

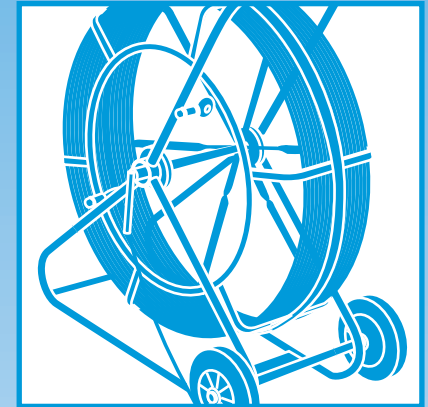
If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

**Fax: 020 8687 5001**

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Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

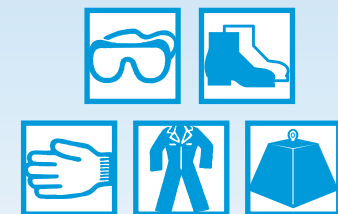
Web Site: <http://www.hss.co.uk>

# HSS Hire Shops



## Duct Rod

**A fibre glass rod for push or pull feeding cables through pipes, ducting channels or behind machinery and other obstacles.**



Code 70715

## 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.


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 cones and either barriers or tape, available for hire from your local HSS Hire Shop.


The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment. Gas detection equipment is available for hire, contact your local HSS Hire Shop for information and advice.

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

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

 Safety goggles MUST be worn by everyone in the work area.

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

 This equipment is heavy (33kg), never attempt to lift it on your own, always get help. Never carry, lift or pull the equipment by its fibre glass rod, use the handle.

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

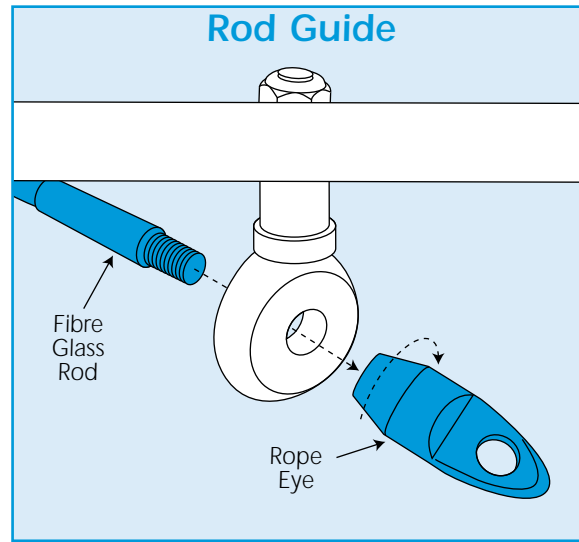
Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

## GETTING STARTED

Take the unit to a suitable access point, a manhole cover or inspection plate for instance.

Cordon off the area with barriers to prevent unauthorised persons gaining access to the area.

If entering a service pipe that contains power or telecommunication cables, check with the necessary authority as to their safety.



If routing at floor level, make sure that the rod is fed through the lower guide (see illustration).

If accessing an underground or overhead service (air ducting for example), make sure that the rod is fed through the upper guide (see illustration).

To change which guide the rod is fed through, ensure the wheel lock lever is securely tightened (turn clockwise). Loosen and remove the rope eye (turn anti-clockwise) then pull the rod out of the current guide and re-feed through the other. Finally, refit the rope eye ensuring it is securely fitted.

## BASIC TECHNIQUES

You have the option of either attaching the cable to the rope eye first then feeding the rod to the destination or, feeding the rod to the destination, attaching the cable to be fed then pulling it back.

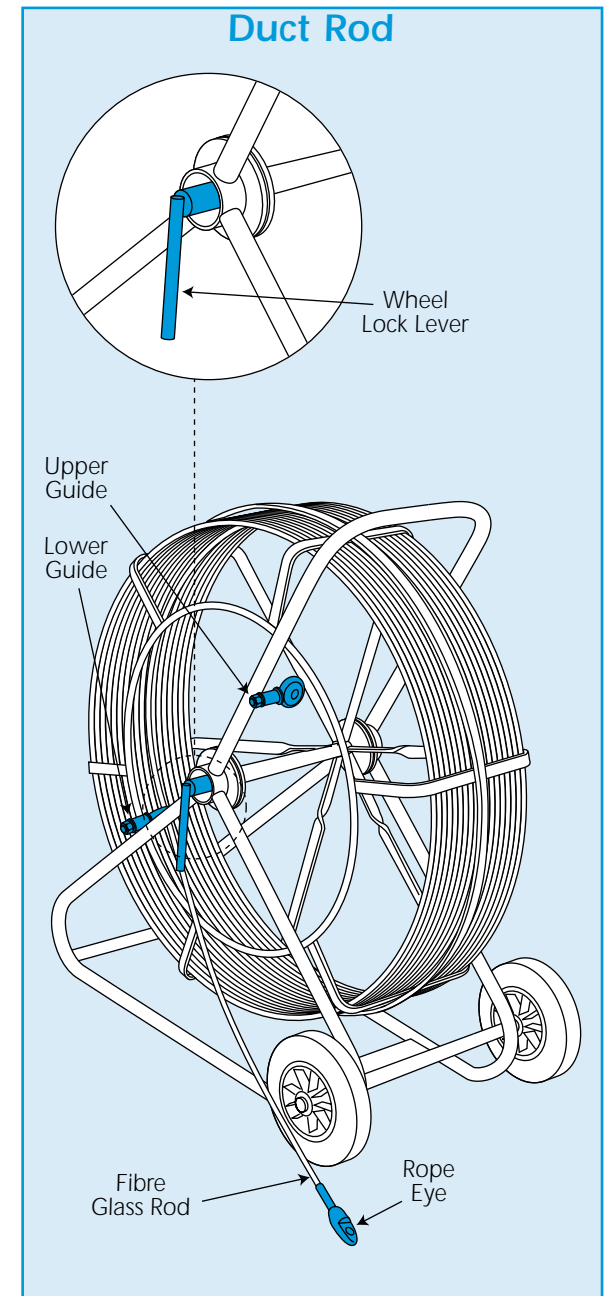
Regardless of which way you decide to work, always ensure that the cable is securely attached to the rope eye. Where possible, feed the cable through the rope eye and double it back onto itself. Secure with strong tape or a suitable clamp.

Avoid creating too large an attachment and make sure that there are no awkward ends that could become trapped within the service.

Loosen off the wheel lock lever enough to allow the wheel to rotate, without freewheeling.

Slowly feed the rod into the service, until the rope eye reaches the destination.

If you encounter an obstruction, do not force the rod or use a stabbing action as this may cause damage to the service or other cables within.



Pull the rod back about 0.5 metre then try again until the rod clears the obstacle. If that fails, try feeding the rod from the other end of the run.

In some instances it may be advantageous to feed an additional length of suitable rope into the service to allow you to feed cables through at a later date.