

DUCT RODS



A high quality fibreglass rod, specially constructed to provide exceptionally high tensile strengths, whilst retaining flexibility. The 80% fill rate glass fibre core is reinforced with a high strength resin. A braided reinforcing wrap is added before the final polypropylene wear resistant protective coating is applied. The continuous rods range from 4.5mm – 14mm with lengths from 30 metres – 300 metres.

Product No	Rod Length	Weight	Cassette Diameter	Length	Width	Height	Min Bend Diameter	Breaking Strength
Mini Rod 4.5mm								
B-101-030	30m	4.5kg	400mm	400mm	162mm	520mm	140mm	750kg
B-101-050	50m	5kg						
B-101-060	60m	5.25kg						
B-101-070	70m	5.3kg						
B-101-080	80m	5.5kg						
Midi Rod 6.7mm								
B-102-060	60m	8.7kg	550mm	550mm	291mm	603mm	250mm	2380kg
B-102-080	80m	9.3kg						
B-102-100	100m	11kg						
B-102-150	150m	14kg						
Maxi Rod 9.0mm								
B-103-060-800	60m	26kg	800mm	850mm	520mm	940mm	465mm	3630kg
B-103-080-800	80m	30kg						
B-103-100-800	100m	33kg						
B-103-120-800	120m	35kg						
B-103-150-800	150m	36kg						
Maxi Rod 11mm								
B-104-100-1000	100m	43kg	1000mm	1110mm	520mm	1130mm	775mm	5630kg
B-104-150-1000	150m	45kg						
B-104-200-1000	200m	52kg						
B-104-250-1000	250m	59kg						
B-104-300-1000	300m	66kg						
Maxi Rod 14mm								
B-105-150-1200	150m	64kg	1200mm	1300mm	550mm	1300mm	950mm	8630kg
B-105-200-1200	200m	73kg						
B-105-250-1200	250m	84kg						
B-105-300-1200	300m	96kg						



THREADED ROD END FITTINGS

A male rod end fitting is supplied as standard with mini, midi and maxi rods. Replacement threaded rod end fittings allow the connection to other duct rod accessories, such as tapered rod ends, flexible guide ends, roller guides etc. Male and Female ends are available with M5, M6 and M12 threads.

MALE THREAD



ORDERING INFORMATION

B-101-END-M-F	4.5mm Mini Rod Male End
B-102-END-M-F	6.7mm Midi Rod Male End
B-103-END-M-F	9mm Maxi Rod Male End
B-104-END-M-F	11mm Maxi Rod Male End
B-105-END-M-F	14mm Maxi Rod Male End

DUCT RODS

FEMALE THREAD



ORDERING INFORMATION

B-101-END-F-F	4.5mm Mini Rod Female End
B-102-END-F-F	6.7mm Midi Rod Female End
B-103-END-F-F	9mm Maxi Rod Female End
B-104-END-F-F	11mm Maxi Rod Female End
B-105-END-F-F	14mm Maxi Rod Female End

JOINTING FERRULE



Used to repair breakages in mini, midi and maxi rods. The ferrule is bonded to the rod with a two part adhesive.

ORDERING INFORMATION

B-101-FERR-F	4.5mm Mini Rod Ferrule
B-102-FERR-F	6.7mm Midi Rod Ferrule
B-103-FERR-F	9mm Maxi Rod Ferrule
B-104-FERR-F	11mm Maxi Rod Ferrule
B-105-FERR-F	14mm Maxi Rod Ferrule

FLEXIBLE GUIDE END



Used to guide duct rods around bends. Available for use with maxi rods.

ORDERING INFORMATION

B-103-4-FLEX	Flexible Guide End for Maxi Rods
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SHACKLE



Used with tapered rod end when a larger pulling loop is required. Available for mini, midi and maxi rods.

ORDERING INFORMATION

B-101-2-SHACK-F	Shackle for Mini & Midi Rods
B-103-4-SHACK-F	Shackle for Maxi Rods

SWIVEL CONNECTOR



Used to connect two duct rods together when the required rodding length exceeds a single duct rod. Available for use with 9mm, 11mm and 14mm maxi rods.

ORDERING INFORMATION

B-103-4-SWIV	Swivel Connector for Maxi Rods
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TAPERED ROD END



Supplied as standard with mini, midi and maxi rods, to guide the rod through the duct and allow the pulling rope to be attached to the rod.

ORDERING INFORMATION

B-101-TIP-F	Tapered Rod End for Mini Rods
B-102-TIP-F	Tapered Rod End for Midi Rods
B-103-4-TIP-F	Tapered Rod End for Maxi Rods

ROLLER GUIDE



Used in connection with maxi rods, this roller guide allows the duct rod to pass around bends and duct misalignments.

SPECIFICATIONS

Rod Diameter	9/11/14mm
Duct Diameter	60mm

ORDERING INFORMATION

B-103-4-ROLL	Roller Guide for Maxi Rods
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DUCT RODS

1A GRIP COUPLING



A 3m long fibreglass rod designed to assist with the threading of BT 25mm sub duct.

ORDERING INFORMATION

C-CN15523	1A Grip Coupling
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SIGNAL GENERATOR



Enhance the detectability of cables and pipes; trace out the route of specific services. Use the signal generator to transmit an easily identifiable signal along a cable or pipe. Trace the lines using the Cable Avoidance Tool. New industry accepted 33 kHz operating frequency for clearer signal reception.

ORDERING INFORMATION

C-RD-ZCSSGV-F	Signal Generator
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SIGNAL CLAMP



Extend the powerful versatility of the Signal Generator. Clip the Signal Clamp around a cable and safely transfer the Generator Signal.

ORDERING INFORMATION

C-RD-YIRSSC-F	Signal Clamp
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SONDE



Trace non-metal pipes. Find pipe blockages. Trace the movement of in-pipe plant. A range of self contained transmitters propelled along a pipe or conduit.

SPECIFICATIONS

Dimensions	38x102mm
Thread	M10

ORDERING INFORMATION

C-RD-YIRS-33-F	33kHz Sonde
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DUCT ROD **PUSHER**



The duct rod pushers are designed to assist in rodding operations. The units are mounted on sturdy, anti corrosion treated tubular steel frame, and fitted with gel filled puncture proof tyres, with hydraulic controls mounted on the frame for ease of transportation. The pushers are fitted with a tilting extendable boom, and chamber clamp for use in underground structures.

FEATURES

- ◆ Spring loaded self-centring fail safe operating lever.
- ◆ Measuring counter with reset lever.
- ◆ Front boom extending to 1 metre with angle facility dropping into underground chamber.
- ◆ Extendable chamber clamp for attaching to sidewalls. Range 400 – 800mm.
- ◆ Angle of operation 0-45°
- ◆ Lifting Eye.
- ◆ Split pusher body which lifts and rotates to allow removal of duct rod.
- ◆ Anti crush control to prevent damage to rod.
- ◆ Disc spring controlled screw clamp to engage drive belts onto the rod.
- ◆ Moulded profiled drive belts.

SPECIFICATIONS

Diameter Range	14mm
Installation Speed	0-30m/min
Pushing/Pulling Capacity	220kg @ 60 Bar
Length	1050mm
Width	700mm
Height	760mm
Weight	53kg

ORDERING INFORMATION

C-1270-0001-04-BT Duct Rod Pusher - 50cc motors

