

Continuous Duct Rodders

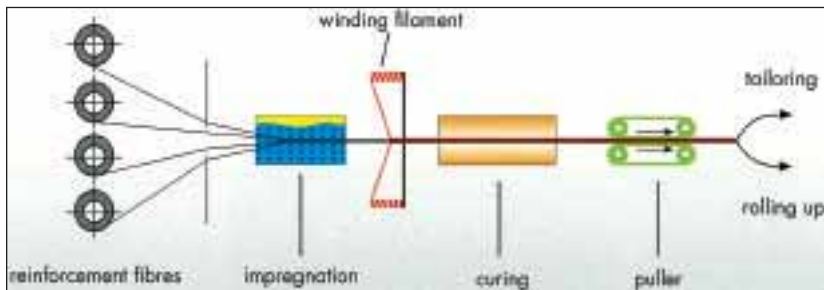
One of the new additions to our line as a result of the acquisition of CBS Products in the UK is our superior line of duct rodders. We've brought this technology to GMP where we now produce what are the best performing and most durable duct rodders available anywhere - at a price that represents the very best value. Decades of in-field use have proven this high visibility orange rod material to have the ideal combination of the mechanical properties of tensile strength, modulus, stiffness and bending behavior.

- ▶ When loaded onto our durable yet maneuverable dispenser/carriers these duct rodders are fundamentally essential tools for underground tasks such as cleaning and locating ducts, threading lines or pulling cables
- ▶ Rodders come equipped with a male threaded end fitting and tapered head on the leading end and a female threaded fitting on the back end
- ▶ Our carriers are made of tubular steel alloy and are powder coated or electro-galvanized for corrosion resistance. Larger diameter carriers have inboard wheels for easier transport at the jobsite. Each carrier is fitted with a hand-operated brake to control payout.

Please refer to the following tables for specific lengths in each size.



UNDERGROUND PULLING EQUIPMENT



Our fiberglass rod is not pultruded like others. It is produced instead using a proprietary process where glass fibers are strictly unidirectional with optimal fiber density of 80%. The fibers are fully impregnated in resin and then bi-axially wound with hi-strength filaments before being completely embedded in the orange polypropylene thermoplastic jacket. This gives our rod its excellent handling characteristics throughout its long life without the protruding reinforcement fibers that can appear over time in other rods.

Male threaded end fitting and tapered head on the leading end.



Nominal Size	End Fitting Threads	Rod Tensile Strength ¹	Rated Pull Strength ²	Minimum Bend Radius
1/4 in. (6.7 mm)	5/16 - 18	6600 lb. - f (29.5 kN)	500 lb. - f (2.2 kN)	7.4 in. (188 mm)
3/8 in. (9 mm)	3/8 - 16	10,000 lb. - f (45.2 kN)	1400 lb. - f (6.2 kN)	9 in. (230 mm)
1/2 in. (12 mm)	3/8 - 16	21,000 lb. - f (95.2 kN)	1800 lb. - f (8.0 kN)	18 in. (450 mm)

¹ These values are supplied for relative comparison only and are not to be used as a working load rating.

² Based on a factor of 2:1 of the glued end fitting connection.



Note: Duct rodders are made to your order and are not returnable. Double check your sizes and order carefully.

P/N	1/4 in. (6.7 mm) Duct Rodders	Weight
89202	1/4 in. (6.7 mm) X 100 ft. (30 m)	13 lbs. (6 kgs)
89204	1/4 in. (6.7 mm) X 200 ft. (61 m)	15 lbs. (7 kgs)
89206	1/4 in. (6.7 mm) X 300 ft. (91 m)	17 lbs. (8 kgs)
89208	1/4 in. (6.7 mm) X 400 ft. (122 m)	19 lbs. (9 kgs)
89210	1/4 in. (6.7 mm) X 500 ft. (152 m)	21 lbs. (10 kgs)

P/N	3/8 in. (9 mm) Duct Rodders	Weight
89222	3/8 in. (9 mm) X 200 ft. (61 m)	63 lbs. (29 kgs)
89224	3/8 in. (9 mm) X 300 ft. (91 m)	69 lbs. (31 kgs)
89226	3/8 in. (9 mm) X 400 ft. (122 m)	76 lbs. (34 kgs)
89228	3/8 in. (9 mm) X 500 ft. (152 m)	82 lbs. (37 kgs)
89230	3/8 in. (9 mm) X 600 ft. (183 m)	89 lbs. (40 kgs)
89232	3/8 in. (9 mm) X 700 ft. (213 m)	95 lbs. (43 kgs)
89234	3/8 in. (9 mm) X 800 ft. (244 m)	101 lbs. (46 kgs)
89236	3/8 in. (9 mm) X 900 ft. (274 m)	108 lbs. (49 kgs)
89238	3/8 in. (9 mm) X 1000 ft. (305 m)	114 lbs. (52 kgs)

P/N	1/2 in. (12 mm) Duct Rodders	Weight
89252	1/2 in. (12 mm) X 200 ft. (61 m)	87 lbs. (39 kgs)
89254	1/2 in. (12 mm) X 300 ft. (91 m)	98 lbs. (44 kgs)
89256	1/2 in. (12 mm) X 400 ft. (122 m)	109 lbs. (49 kgs)
89258	1/2 in. (12 mm) X 500 ft. (152 m)	120 lbs. (54 kgs)
89260	1/2 in. (12 mm) X 600 ft. (183 m)	132 lbs. (60 kgs)
89262	1/2 in. (12 mm) X 700 ft. (213 m)	143 lbs. (65 kgs)
89264	1/2 in. (12 mm) X 800 ft. (244 m)	154 lbs. (70 kgs)
89266	1/2 in. (12 mm) X 900 ft. (274 m)	165 lbs. (75 kgs)
89268	1/2 in. (12 mm) X 1000 ft. (305 m)	177 lbs. (80 kgs)
89270	1/2 in. (12 mm) X 1100 ft. (335 m)	188 lbs. (85 kgs)
89272	1/2 in. (12 mm) X 1200 ft. (366 m)	199 lbs. (90 kgs)

Roller Guide

3/8 in. (9 mm) & 1/2 in. (12 mm) Roller Guide helps guide the duct rod around bends, sweeps and duct misalignments. Can also be used where a duct is already occupied with a cable.

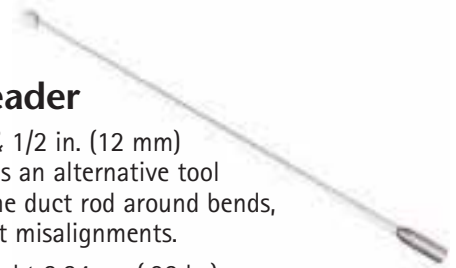
P/N 89360 Weight 7.36 oz. (.21 kg)



Flexible Leader

3/8 in. (9 mm) & 1/2 in. (12 mm) Flexible Leader is an alternative tool used to guide the duct rod around bends, sweeps and duct misalignments.

P/N 89370 Weight 2.24 oz. (.06 kg)



Shackle Fitting

3/8 in. (9 mm) & 1/2 in. (12 mm) Shackle Fitting is used with our Tapered Heads to provide a larger pulling loop for attaching the pulling line or rope.

P/N 09339 Weight .80 oz. (.02 kg)



Swivel Coupling

Used to connect two duct rods when one length of duct rod is not long enough for the full conduit run. Also provides a rotating swivel when pulling line, wire or rope.

P/N	Description	Weight
89380	1/4 in. (6.7 mm) Swivel Coupling	.48 oz. (.01 kg)
89382	3/8 in. (9 mm) & 1/2 in. (12 mm) Swivel Coupling	4.32 oz. (.12 kg)

Sonde Adapters

P/N	Description	Weight
89384	Male 1/4 x 20 Thread	2.08 oz. (.06 kg)
89394	Female M10 x 1.5 Thread	1.76 oz. (.05 kg)



Male & Female Fitting Repair Kits

Used as a replacement if the end fittings break off. Epoxy and installation instructions included.

P/N	Description	Weight
89411	1/4 in. (6.7 mm) Male Fitting Kit	.48 oz. (.01 kg)
89412	1/4 in. (6.7 mm) Female Fitting Kit	.48 oz. (.01 kg)
89413	3/8 in. (9 mm) Male Fitting Kit	3.96 oz. (.11 kg)
89414	3/8 in. (9 mm) Female Fitting Kit	4.46 oz. (.13 kg)
89415	1/2 in. (12 mm) Male Fitting Kit	2.97 oz. (.08 kg)
89416	1/2 in. (12 mm) Female Fitting Kit	3.47 oz. (.10 kg)
89398	Epoxy	2 oz. (.06 kg)



Tapered Heads

P/N	Description	Weight
89350	1/4 in. (6.7 mm) Tapered Head	.16 oz. (.01 kg)
89352	3/8 in. (9 mm) & 1/2 in. (12 mm) Tapered Head	.48 oz. (.01 kg)



Splice Kit

Includes Epoxy, sandpaper, an inline splice and instructions to repair broken Duct Rodders.



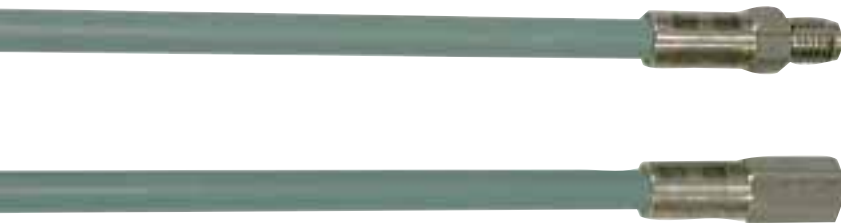
P/N	Description	Weight
89417	1/4 in. (6.7 mm) Splice Kit	1.76 oz (.05 kg)
89418	3/8 in. (9 mm) Splice Kit	2.88 oz. (.08 kg)
89419	1/2 in. (12 mm) Splice Kit	2.40 oz. (.07 kg)

Fiberglass Duct Rods

These heavy-duty duct rods provide a complement of duct cleaning tools.

- ▶ Available in, 5 ft. and 10 ft. lengths. Each 5/8 in. (16 mm) diameter rod comes fitted with high-strength, stainless steel 3/4 in. -10 NC couplers for maximum strength

When using duct rods and working on a grade it will be easier if rodding is done downhill. Where the run contains bends, less effort will be required if the straight portion of the duct can be rodded first.



P/N	Description	Weight
70093	5 ft. (152 cm) Fiberglass Duct Rod	1 lb. 8 oz. (.7 kg)
70094	10 ft. (304.8 cm) Fiberglass Duct Rod	2 lbs 8 oz (1.1 kgs)