

Continuous Duct Rodders



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Click on image above for a larger view of the 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



Catalog Page [81-84](#)

[How to service a broken duct rod \(orange rod\)](#)

[How to service a broken duct rod \(yellow rod\)](#)

[How to service a broken duct rod fitting \(orange rod\)](#)

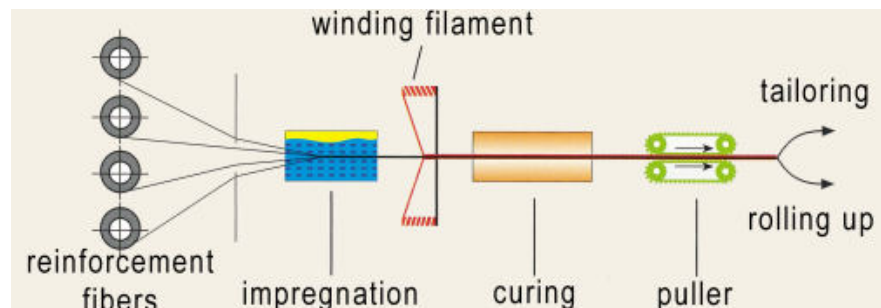
[How to service a broken duct rod fitting \(yellow rod\)](#)

Duct Rodder Features

- 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.



- Our Duct Rodders are light weight, durable and corrosion resistant. They are coated with a tough UV stabilized safety orange Polypropylene and, are not affected by water.

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.

- They will not soften or lose tensile strength in hot weather, nor become brittle under cold conditions.

Note: Duct Rodders are made to order. Verify length and diameter when ordering. Due to custom nature of every Duct Rodder order, all orders are non-returnable.

- Each Duct Rodder Frame assists the payout/pay-in of the rod material by using an eyebolt with a nylon bushing. The bushing is designed to protect the duct rod from abrasion and premature wear

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

Nominal Size	End Fitting Threads	Rated Tensile Strength	Rated Pull Strength	Minimum Bend Radius
1/4 in. (6.7 mm)	5/16-18	6000 lbs.-f (29.5 kN)	500 lbs.-f (2.2 kN)	7.4 in. (188 mm)
3/8 in. (9 mm)	3/8-16	10000 lbs.-f (45.2 kN)	1400 lbs.-f (6.2 kN)	9 in. (230 mm)
1/2 in. (12 mm)	3/8-16	21000 lbs.-f (95.2 kN)	1800 lbs.-f (8.0 kN)	18 in. (450 mm)

Ordering Information

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)



[Call about our motorized Duct Rod Pusher](#)

m)
89205 1/4 in. Replacement Rod
Cut to order with end fittings
installed NA

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)

89223 3/8 in. Replacement Rod
Cut to order with end fittings
installed NA

P/N **1/2 in. (12 mm)**
Duct Rodders **Weight**

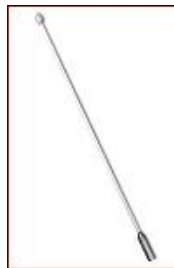
89252 1/2 in. (12 mm) X 200 ft. (61 m) 87 lbs. (39 kgs)

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)
89253	1/2 in. Replacement Rod Cut to order with end fittings installed	NA

Continuous Duct Rodder Accessories:



Flexible Leader



Roller Guide



Swivel Coupling



Tapered Head



Shackle Fitting



Sonde Adapter



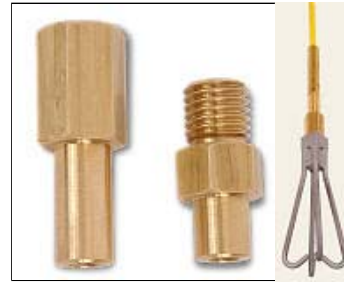
Splice Repair Kit
[How to service a broken duct rod](#) (yellow rod)



Male and Female End Fittings Repair Kit
[How to service a broken duct rod fitting](#) (yellow rod)



Rod Grapple



Rod Grapple Adapters

Ordering Information Continuous Duct Rodder Accessories:

P/N	Description	Weight
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Rod Repair Kits

Please call factory for repair kits for yellow color rods

Rod Repair Kit

89417	Splice (repair) Kit 1/4 in. (6.7 mm)(orange rod only)	1.76 oz (.05 kg)
89418	Splice (repair) Kit 3/8 in. (9 mm)(orange rod only)	2.88 oz. (.08 kg)
89419	Splice (repair) Kit 1/2 in. (12 mm)(orange rod only)	2.40 oz. (.07 kg)

Fitting Repair Kit

89411	Male End Fitting (repair) Kit 1/4 in. (6.7 mm)(orange rod only)	.48 oz. (.01 kg)
89412	Female End Fitting (repair) Kit 1/4 in. (6.7 mm)(orange rod only)	.48 oz. (.01 kg)

	only)	
89413	Male End Fitting (repair) Kit 3/8 in. (9 mm)(orange rod only)	3.96 oz. (.11 kg)
89414	Female End Fitting (repair) Kit 3/8 in. (9 mm)(orange rod only)	4.46 oz. (.13 kg)
89415	Male End Fitting (repair) Kit 1/2 in. (12 mm)(orange rod only)	2.97 oz. (.08 kg)
89416	Female End Fitting(repair) Kit 1/2 in. (12 mm)(orange rod only)	3.47 oz. (.10 kg)
89398	Duct Rodder Epoxy	2 oz. (.06 kg)

Accessories

89350	Tapered Head 1/4 in. (6.7 mm)	.16 oz. (.01 kg)
89352	Tapered Head 3/8 in. (9 mm) & 1/2 in. (12 mm)	.48 oz. (.01 kg)
89360	Roller Guide 3/8 in. (9 mm) & 1/2 in. (12 mm)	7.36 oz. (.21 kg)
89370	Flexible Leader 3/8 in. (9 mm) & 1/2 in. (12 mm)	2.24 oz. (.06 kg)
89371	Flexible Leader 1/4 in. (6.7 mm) & 1/4 in. (6.7 mm)	1 oz. (.03 kg)
89380	Swivel Coupling 1/4 in. (6.7 mm)	.48 oz. (.01 kg)
89382	Swivel Coupling 3/8 in. (9 mm) & 1/2 in. (12 mm)	4.32 oz. (.12 kg)
89384	Sonde Adapter 1/4 - 20 thread (male/female thread)	2.08 oz. (.06 kg)
89394	Sonde Adapter M10 x 1.5 Thread (female/female thread)	1.76 oz. (.05 kg)
09339	Shackle Fitting 3/8 in. (9 mm) & 1/2 in. (12 mm)	1.76 oz. (.05 kg)
06931	Rod Grapple (set)	2 lbs. (.9 kg)

31501 Rod Grapple Adaptor - Male	3.68 oz (.105 kg)
31502 Rod Grapple Adaptor - Female	3.68 oz (.105 kg)
89386 Rod Grapple Adaptor - Set (both Male and Female)	7.36 oz (.210 kg)

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