



*UNDERGROUND & OVERHEAD CONSTRUCTION • HORIZONTAL DIRECTIONAL DRILLING • LINE MAINTENANCE*

# ***TOOLS & EQUIPMENT***

## **CATALOG**

# **DUCT RODDERS & ACCESSORIES**



# THE RIGHT PRODUCTS, THE RIGHT SERVICE

## The Biggest Range of Wire Pulling Accessories and Drilling Fluid Additives

Are you planning a building project and looking for the most amazing prices on tools and accessories? Build It Right, Inc. is your one stop shop that provides the biggest range of products for drilling, cabling, and wire pulling in the U.S. Offering the highest quality products backed by our years of knowledge and expertise in the industry, you can easily build with confidence and convenience with everything you need at your fingertips.

## Offering the Right Accessories at the Right Price for Any Building Project

Build It Right, Inc. was founded on the needs of our customers to find the most useful and appropriate building products and accessories at the most amazing prices. Our focus is on the customer experience, which is why we deliver exceptional customer service through the most knowledgeable advice and high quality products. Whether you need wire pulling tools, Cetco drilling fluids, drilling polymer products and more, our team is here to help you find exactly what you need at the lowest price.

## Are You Looking for Directional Drilling Tools or Horizontal Directional Drilling Parts?

At Build It Right, we stock the most popular brands that deliver quality no matter what you need to build. Have your Cetco and Bentonite drilling fluids shipped right to your door so that you can build with confidence. You can also order your Cetco and Bentonite drilling fluids by the pallet! Install ducts with efficiency with duct installation range of products, or work quickly when installing cables with our easy to use cable roller range that delivers affordability and speed no matter how large your project is.

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Rather than blowing your building project budget, shop for the most affordable high quality products and accessories with Build It Right, Inc. Offering nationwide shipping and the most competitive prices in the industry, our goal is to ensure that your project is a success. The right products. The right service. Shop Online today or call our team at 1-888-206-3044 to find out more.





Condux Duct Rodders Combine ease of operation and reliable performance to help increase the efficiency of your rodding operations. Duct Rodder Cages have been Designed to be lighter weight for easy handling in the field. They feature sturdy construction and hand operated wheel brake. They can be used on their side as well as upright.

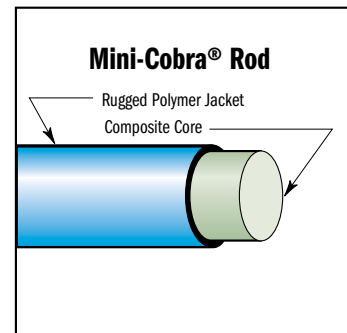


## TWO TYPES OF ROD

Condux offers Two types of duct rod: PYTHON®, Mini-COBRA®. Each has a glass reinforced composite core jacketed in a rugged plastic coating to ensure long life. Both have excellent flexural strength, compressive strength, fatigue resistance, and memory. They also have favorable electrical and thermal properties that make them safe for use in cable-occupied duct. They are suitable for pulling back winch line or small diameter cable.

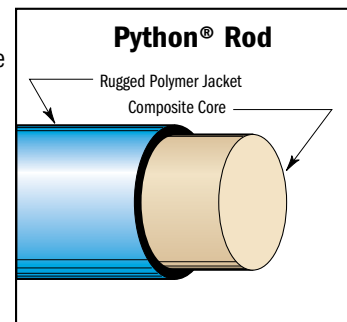
### MINI-COBRA®

Condux's Mini-Cobra includes 3/16" and 1/4" diameter rods used primarily for smaller duct sizes and shorter runs. The rod has the same flexibility and strength features of the Python rod and comes would in 16" and 24" cages in 50' to 600' lengths. Includes two male end fittings and two tapered heads.



### PYTHON®

The Python Rod has flexibility and it has a heavy-duty outer plastic coating to resist abrasions and reduce wear. Includes one male and one female end fitting, and a tapered head.



Recommended Duct Rodder Size for Conduit

Conduit Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"
Recommended Duct Rod Size	3/16"	3/16"	3/16", 1/4"	3/16", 1/4"	1/4", 5/16"	1/4", 5/16"	1/4", 5/16"	5/16", 7/16",9/16"	5/16",7/16", 9/16"	5/16",7/16", 9/16"	7/16", 9/16"	7/16", 9/16"	9/16"

\*Conduit sizes based on standard radius bends and should be considered minimums. A larger diameter rod than what is listed is not recommended. Please call your Condux Representative for more assistance.

## DUCT ROD SPECIFICATIONS

Duct Rod Dia. (in)	Duct Rod Pull Strength	**Core O.D. (in)	*Coating O.D. (in)	Min Bending Radius (in)
3/16"	200 lb	.125"	.187"	3"
1/4"	350 lb	.187"	.250"	5"
5/16"	950 lb	.237"	.312"	7"
7/16"	950 lb	.300"	.437"	11"
9/16"	1,400 lb	.375"	.500"	11"

# CONDEX DUCT RODDERS



## 3/16" Mini Cobra®

#12-24 End Fitting 16" Cage

Use for duct size .5" - 1.25"

Part Number	Length (l)	Replacement Rod No.
08072405	50	08073605
08072410	100	08073610
08072415	150	08073615
08072420	200	08073620
08072425	250	08073625
08072430	300	08073630

## 5/16" Mini Cobra®

5/16" - 18" End Fitting 24" Cage

Use for duct size 1" - 2.5"

Part Number	Length (l)	Replacement Rod No.
08072510	100	08073710
08072515	150	08083715
08072520	200	08073720
08072525	250	08073725
08072530	300	08073730
08072535	350	08083735
08072540	400	08073740
08072545	450	08073745
08072550	500	08073750
08072555	550	08073755
08072560	600	08073760

**!** ORDER CAREFULLY  
This item is made-to-order  
and is not returnable.



## 5/16" Python Rod

3/8" -16 End fitting 30" Cage

Use for duct size 1.5" - 4"

Part Number	Length (l)	Replacement Rod No.
08084320	200	08082320
08084330	300	08082330
08084340	400	08082340
08084350	500	08082350
08084360	600	08082360
08084370	700	08082370
08084380	800	08082380
08084390	900	08082390
08084310	1000	08082310

## 7/16" Python Rod

3/8" -16 End fitting 45" Cage

Use for duct size 3" - 6"

Part Number	Length (l)	Replacement Rod No.
08083920	200	08086520
08083930	300	08086530
08083940	400	08086540
08083950	500	08086550
08083960	600	08086560
08083970	700	08086570
08083980	800	08086580
08083990	900	08086590
08083910	1000	08086510
08083911	1100	08086511
08083912	1200	08086512
08083913	1300	08086513
08083914	1400	08086514
08083915	1500	08086515

## 9/16" Python Rod

3/4" -10 End fitting 45" Cage

Use for duct size 3" - 9"

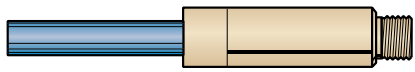
Part Number	Length (l)	Replacement Rod No.
08083220	200	08075720
08083230	300	08075730
08083240	400	08075740
08083250	500	08085750
08083260	600	08075760
08083270	700	08075770
08083280	800	08075780
08083290	900	08075790
08083210	1000	08075710

## DUCT RODDER REPLACEMENT CAGES

Use Condux Duct Rodder Replacement Cages to update older cages or to replace damaged cages. Fits all major manufacturer's fiberglass rods.

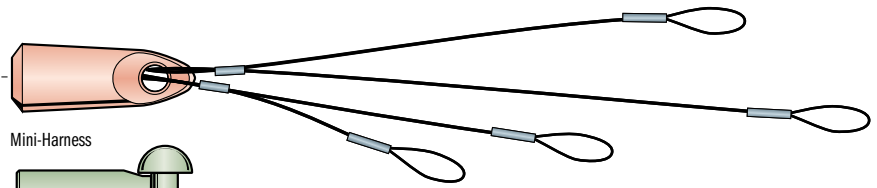
Replacement Cage P/N	08081516R	08081524R	08081530R	08081550R	08081550R
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
Cage Dia.	16"	24"	30"	45"	45"



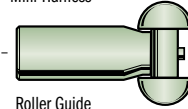


Threaded End Ftg, Male  
included on all rod

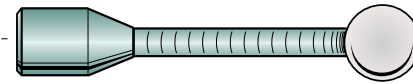
O-Ring



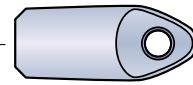
Mini-Harness



Roller Guide



Flexible Leader



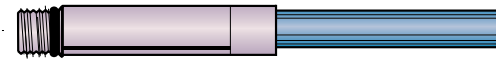
Tapered Head



Shackle Ftg.



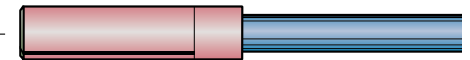
Swivel Coupling  
female/female



Threaded End Ftg, Male  
Mini-Cobra Rod



Swivel Coupling  
male/female



Threaded End Ftg, Female  
Python Rod

## ACCESSORY KIT



Popular accessories available in a convenient bag that attaches to the cage. Kit Includes: Canvas Bag, Roller Guide, Splice Kit, Epoxy, Swivel Coupling, Tapered head, and Threaded End Fittings.

Accessory Kit P/N	08033498	08033499	08033497	08033494	08033488
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10

## REPAIR KIT



Replacement repair kit that comes standard with duct rod. Accessories available in a convenient bag that attaches to the cage.

Accessory Kit P/N	08035770	08035772	08035774	08035776	08035778
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"

## O-RINGS

Used to help keep accessories on the end fitting while rodding.  
Comes standard with Mini-Cobra® Rodders.

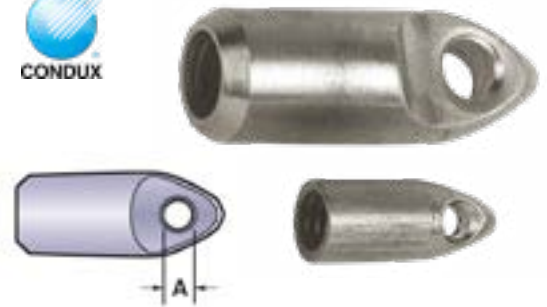
O-Rings P/N	02163600	02215000	-	-	-
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10



## TAPERED HEAD

Attaches to the end fitting on the duct rod. Guides duct rod through the conduit and allows a pull line (diameter A) to be attached to the duct rod.  
Comes standard with each of the Duct Rodders.

Tapered Head P/N	08033421	08033441	08038400	08038400	08038300
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10
Diameter A	.156	.156	.281	.281	.343



## THREADED END FITTINGS

**!** 15 PSI Max Pressure!

Use as a replacement to the factory installed end fittings if the end fitting breaks off or if the Duct Rod breaks close to the end of the Rod. Installation instructions included with the end fittings. Epoxy is Required for installation and is ordered separately.

Thread End Fitting P/N					
Male	08033420K	08033440K	08036307K	08036303K	08036005K
Female	-	-	08036306K	08036304K	08036006K
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10

Female/Female



Male/Female



## SONDE ADAPTER

Couples a locating sonde or other device with an M10 male thread to the male end fitting of the Duct Rod. Specify sonde, thread and rodder.

Sonde Adapter P/N	-	08036500	08036503	08036503	08036504
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10



## MINI HARNESS

Screws onto the threaded end fitting to allow for easy wire attachment when pulling wire into conduit.

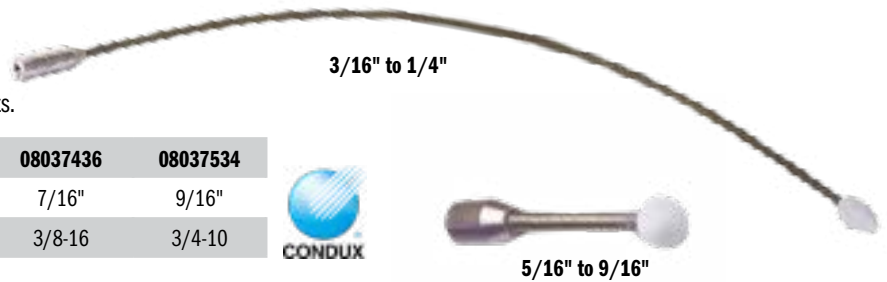
Mini Harness P/N	08033433	08033434	08033435	08033436	08033488
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10



## FLEXIBLE LEADER

Helps guide the duct rod around bends, sweeps, and duct misalignments.

Flexible Leader P/N	08033423	08033443	08037538	08037436	08037534
Rod Dia. (in)	3/16"	1/4"	5/16"	7/16"	9/16"
USC Thread	#12-24	5/16-18	3/8-16	3/8-16	3/4-10



## FIBERGLASS HAND RODS

Helps guide the duct rod around bends, sweeps and duct misalignments. Also used when the conduit is already occupied by other cables.

Duct Rod Dia. (in)	USC Thread	Roller Guide P/N	Duct Range I.D. (in.)
3/16"	#12-24	08037430	.50 - 1.25
1/4"	5/16-18	08037440	1.00 - 2.50
5/16"	3/8-16	08037460	1.50 - 6.00
5/16"	3/8-16	08037401	2.50 - 6.00
7/16"	3/8-16	08037401	2.50 - 6.00
9/16"	3/4-10	08037400	3.00 - 8.00





## FIBERGLASS HAND RODS

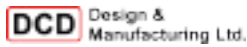
Screw together fiberglass duct rods for straight runs. All rods equipped with 3/4"-10 end fittings, which with 3/4"-10 Duct Rodder Accessories. 2,500 lb pull rating.

Part No.	Size
08032026	5/8" x 5
08032022	5/8" x 10



## SERIES 57500

### Hand Rodder

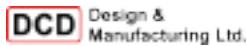


DCD Hand Rods are high quality fiberglass with brass end fittings that easily attach together with 3/4" - 10 UNC threads. Hand Rodders are available in 5' or 10' lengths.



Part No.	For Rod Diameter	Length	Weight
57500-010	5/8"	10'	3.0 lb

## HAND RODDER ACCESSORIES



These accessories all attach to the end of the Hand Rodders and all are fitted with female 3/4" - 10 UNC threads to screw onto the male thread of the rod.

The Heavy Duty brushes are available in the more common duct sizes and would be used to clean out the duct prior to placing cable.

The Grapplers are used in the event the rodders are pushed towards each other from opposite ends of the duct. The Coupling halves will hook together and can then be pulled back from either end.

The Pulling Eye can be attached to the rodder in order to tie off a pull tape or rope so that it can be pulled back through the duct.



Part No.	Description	Weight
08150-300	3" Duct Brush	1.31 lb
08150-400	4" Duct Brush	1.43 lb
08150-500	5" Duct Brush	1.70 lb
57510-010	Rodder Coupling Set	1.24 lb
57510-020	Rodder Coupling Probe	0.64 lb
57510-030	Rodder Coupling Grapple	0.60 lb
57120-010	Hand rodder Pulling Eye	0.16 lb

## DETECTABLE RODDERS

DCD Detectable Duct Rodders are available in 3/16", 5/16", and 7/16" diameter rods. They are available in the same lengths as the regular rodgers and are mounted in the same frames. The purpose of the detectable rod is to be able to accurately locate existing ducting underground or to locate the position of a blockage within a duct.

Each DCD detectable duct rod unit is supplied with a terminal box mounted on the frame with male and female banana terminals for external hook up.

It is recommended that a Roller Guide (57150 series) be used in order to better make the connection between the end of the rod and the wall of the ducting. This is necessary in order to complete the circuit back to earth.

Any transmitter can then be hooked up to the terminal box with the second lead from the transmitter going to ground (spike into earth). Once switched on, the signal will be transmitted along the duct rod and a standard locator can then be used to locate the signal source from above ground.

DCD also offers various stainless steel Sonde Adapters (57170 series) for attaching a Sonde unit to the Swivel Rod End (57135 series).

The Detectable Duct Rodders use 20 to 25 gauge copper wire.

Note: Caution should be exercised when ordering long lengths because the signal will diminish with distance traveled.



**DCD** Design & Manufacturing Ltd.



## SERIES 51000

### Fish Rod - 1/8" Dia.

Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.

**DCD** Design & Manufacturing Ltd.



The 1/8" diameter fiberglass rod used in the compact Fish Rod is non-conductive and is designed to push through and pull back through conduits with or without existing cables.

The Fish Rod unit is available in three different rod lengths. The housing has an internal rotating drum to ease feeding the rod in and out and no crank handle is needed. The robust, solid housing has a fixed accessories compartment with a lift-up lid and carrying handle.

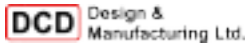
The standard Fish Rods include a male rod end and a pulling eye. The deluxe version includes accessories as listed below.

**EXTREME CAUTION:** Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.

Deluxe 1/8" Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories
51000-50	50'	1.71 lb	Splice Connectors (2)
51000-100	100'	1.99 lb	Flexible Guide Head (1)
51000-150	150'	2.42 lb	Male Rod End (1)
			Fiberglass Adhesive (1)
			Rod Gripper (1)

## SERIES 52000

### Reel Rod - 3/16" Dia.



Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.



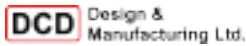
The Reel Rod has a sturdy, powder coated, steel tube frame and features a 16" diameter storage basket. Up to 400 ft. of rod can be stored in this basket. A light adjustable brake prevents the rod from reeling out of the basket under its own tension. The standard Reel Rods include a male rod end and a pulling eye. The deluxe version includes accessories.

**EXTREME CAUTION:** Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.

Deluxe 3/16" Rod	Deluxe Detectable Rod	Replacement Regular Rod	Replacement Detectable Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
52000-150	52200-150	52100-150	52400-150	150'	7.0 lb		53900-000
52000-200	52200-200	52100-200	52400-200	200'	10.0 lb	Splice Connectors (2)	
52000-250	52200-250	52100-250	52400-250	250'	10.5 lb	Flexible Guide Head (1)	
52000-300	52200-300	52100-300	52400-300	300'	11.0 lb	Roller Guide (1)	
52000-350	52200-350	52100-350	52400-350	350'	11.5 lb	Male Rod End (1)	
52000-400	52200-400	52100-400	52400-400	400'	12.0 lb	Fiberglass Adhesive (1)	
52000-500	52200-500	52100-500	52400-500	500'	13.0 lb	Rod Gripper (1)	
						Accessory Pouch (1)	

## SERIES 52500

### Tuf Rod - 1/4" Dia.



Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.



The Tuf Rod is mounted in a convenient frame with carrying handle similar to, but larger than the 3/16" unit and the rod is housed in a 24" diameter storage basket. Standard Rodders come complete with stainless steel swivel rod end, female rod end and a pulling eye, while the deluxe version includes accessories.

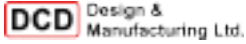
**EXTREME CAUTION:** Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.

Deluxe 1/4" Rod	Replacement Regular Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
52500-150	52600-150	150'	12 lb		52700-000
52500-200	52600-200	200'	13 lb	Splice Connectors (1)	
52500-250	52600-250	250'	14 lb	Flexible Guide Head (1)	
52500-300	52600-300	300'	15 lb	Roller Guide (1)	
52500-350	52600-350	350'	16 lb	Clevis End (1)	
52500-400	52600-400	400'	17 lb	Fiberglass Adhesive (1)	
52500-500	52600-500	500'	19 lb	Rod Gripper (1)	
52500-600	52600-600	600'	22 lb	Accessory Pouch (1)	

# DCD DUCT RODDERS

## SERIES 53500

### Ruf Rod - 5/16" Dia.



\*These lengths require the full capacity of the frame and are difficult to rewind into the cage without due care and attention to the layering of the rod.

Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.



The 5/16" Ruf Rod is one of the most popular sizes because of its versatility in both small and medium size ducts. It is the smallest of the wheel frames and at well under 3' in height or length, it is easy to store or load onto your vehicle.

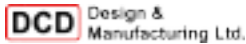
All accessories that attach to the rod can be glued in the traditional manner or can be clamped with set screws. For extra security, they can be both glued and clamped.

**EXTREME CAUTION:** Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.

Deluxe 5/16" Rod	Deluxe Detectable Rod	Replacement Regular Rod	Replacement Detectable Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
53500-200	53700-200	53600-200	53800-200	200'	32 lb		53900-000
53500-250	53700-250	53600-250	53800-250	250'	34 lb	Splice Connectors (1) Flexible Guide Head (1)	
53500-300	53700-300	53600-300	53800-300	300'	36 lb	Roller Guide (1) Clevis End (1)	
53500-350	53700-350	53600-350	53800-350	350'	38 lb	Fiberglass Adhesive (1) Rod Gripper (1)	
53500-400	53700-400	53600-400	53800-400	400'	40 lb	Accessory Pouch (1)	
53500-500	53700-500	53600-500	53800-500	500'	44 lb		
53500-600	53700-600	53600-600	53800-600	600'	48 lb		
53500-700	53700-700	53600-700	53800-700	700'	52 lb		
53500-800	53700-800	53600-800	53800-800	800'	56 lb		
*53500-900	53700-900	53600-900	53800-900	900'	60 lb		
*53500-1000	53700-1000	53600-1000	53800-1000	1,000'	64 lb		

## SERIES 54000

### Ruf Rod - 3/8" Dia.



\*These lengths require the full capacity of the frame and are difficult to rewind into the cage without due care and attention to the layering of the rod.

Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.



The 3/8" Ruf Rod features a 34" diameter storage basket which comfortably stores up to 800' of fiberglass rod. The Standard Ruf Rods include a female rod end, a swivel rod end, and a pulling eye. The deluxe version includes accessories as listed below.

All accessories that attach to the rod can be glued in the traditional manner or can be clamped with set screws. For extra security, they can be both glued and clamped.

**EXTREME CAUTION:** Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.

Deluxe 3/8" Rod	Deluxe Detectable Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
54000-200	54100-200	200'	49 lb		54200-000
54000-300	54100-300	300'	55 lb	Splice Connectors (1) Flexible Guide Head (1)	
54000-400	54100-400	400'	61 lb	Roller Guide (1) Clevis End (1)	
54000-500	54100-500	500'	67 lb	Fiberglass Adhesive (1) Rod Gripper (1)	
54000-600	54100-600	600'	73 lb	Accessory Pouch (1)	
54000-700	54100-700	700'	79 lb		
54000-800	54100-800	800'	85 lb		
*54000-900	54100-900	900'	91 lb		
*54000-1000	54100-1000	1,000'	97 lb		

## SERIES 56000

### Ruf Rod - 7/16" Dia.

**DCD** Design & Manufacturing Ltd.

\*These lengths require the full capacity of the frame and are difficult to rewind into the cage without due care and attention to the layering of the rod.

Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.



The 7/16" Ruf Rod features our largest frame with a 40" diameter storage basket, which can hold up to 1500' of 7/16" fiberglass rod.

The standard Ruf Rods include a female rod end, a swivel rod end, and a pulling eye. The deluxe version includes accessories as listed below.

All accessories that attach to the rod can be glued in the traditional manner or can be clamped with set screws. For extra security, they can be both glued and clamped.

Deluxe 7/16" Rod	Deluxe Detectable Rod	Replacement Regular Rod	Replacement Detectable Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
<b>56000-400</b>	<b>56200-400</b>	<b>56100-400</b>	400'	400'	84 lb		56300-000
<b>56000-500</b>	<b>56200-500</b>	<b>56100-500</b>	500'	500'	94 lb	Splice Connectors (1) Flexible Guide Head (1)	
<b>56000-600</b>	<b>56200-600</b>	<b>56100-600</b>	600'	600'	104 lb	Roller Guide (1)	
<b>56000-700</b>	<b>56200-700</b>	<b>56100-700</b>	700'	700'	114 lb	Clevis End (1)	
<b>56000-800</b>	<b>56200-800</b>	<b>56100-800</b>	800'	800'	124 lb	Fiberglass Adhesive (1)	
<b>56000-900</b>	<b>56200-900</b>	<b>56100-900</b>	900'	900'	134 lb	Rod Gripper (1)	
<b>56000-1000</b>	<b>56200-1000</b>	<b>56100-1000</b>	1000'	1000'	144 lb	Accessory Pouch (1)	
<b>56000-1100</b>	-	<b>56100-1100</b>	1,100'	1,100'	154 lb		
<b>56000-1200</b>	-	<b>56100-1200</b>	1,200'	1,200'	164 lb		
<b>56000-1300</b>	-	<b>56100-1300</b>	1,300'	1,300'	174 lb		
<b>*56000-1400</b>	-	<b>56100-1400</b>	1,400'	1,400'	184 lb		
<b>*56000-1500</b>	-	<b>56100-1500</b>	1,500'	1,500'	194 lb		

**EXTREME CAUTION: Never use a Detectable Rodder in a live electrical environment. Electrical shock or death may result if conductive rod touches an exposed circuit.**

## SERIES 56500

### Ruf Rod - 1/2" Dia.

**DCD** Design & Manufacturing Ltd.

\*These lengths require the full capacity of the frame and are difficult to rewind into the cage without due care and attention to the layering of the rod.

Note: For Standard Rodder units that do not include accessories shown above, add 'X' to the part number.

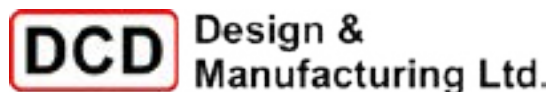


The 1/2" Ruf Rod completes the range of DCD Duct Rodders. The storage basket is the same as the for the 7/16" rod at 40" diameter and can store up to 1000' of the 1/2" fiberglass rod.

The standard Ruf Rods include a female rod end, a swivel rod end and a pulling eye. The deluxe version includes accessories as listed below.

All accessories that attach to the rod can be glued in the traditional manner or can be clamped with set screws. For extra security, they can be both glued and clamped.

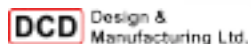
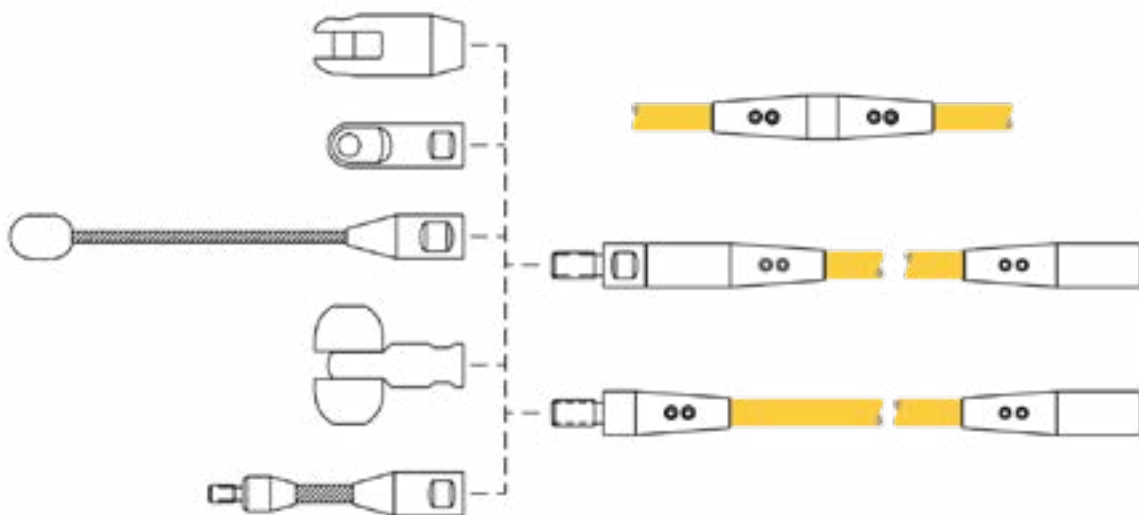
Deluxe 1/2" Rod	Deluxe Detectable Rod	Rod Length (ft)	Weight (lb)	Deluxe Rod Accessories	Replacement Frame
<b>56500-400</b>	<b>56600-400</b>	400'	107 lb		56300-000
<b>56500-500</b>	<b>56600-500</b>	500'	120 lb	Splice Connectors (1) Flexible Guide Head (1)	
<b>56500-600</b>	<b>56600-600</b>	600'	134 lb	Roller Guide (1)	
<b>56500-700</b>	<b>56600-700</b>	700'	147 lb	Clevis End (1)	
<b>56500-800</b>	<b>56600-800</b>	800'	161 lb	Fiberglass Adhesive (1)	
<b>*56500-900</b>	<b>56600-900</b>	900'	175 lb	Rod Gripper (1)	
<b>*56500-1000</b>	<b>56600-1000</b>	1,000'	188 lb	Accessory Pouch (1)	
<b>*56500-1200</b>	<b>56600-1200</b>	1,200'	251 lb		



All Duct Rodders are offered in standard or deluxe packages. Separate accessory kits are available with contents listed in the table below.

The larger 5/16", 3/8", 7/16" and 1/2" Rodders are supplied with stainless steel accessories and all components attaching directly to the rod are designed to be glued on in the traditional manner or can be attached by means of four clamping set screws or can be both glued and screwed. The accessories supplied on the product at the factory are attached by screws only and can be glued by the customer if required.

The obvious advantage of the clamping system is that repairs or product changes can be carried out easily in the field with no time delay to allow the glue to dry. Spare set screws and hexagon keys are also supplied.



## SERIES 57000

### Accessory Kits

Deluxe 5/16" Rod	For Rod Diameter (in)	Male Rod End (57135)	Splice Connector (57100)	Flexible Guide Head (57110)	Roller Guide (57150)	Clevis End (57160)	Fiberglass Adhesive (57170)	Rod Gripper (57170)	Accessory Pouch (57170)
57000-000	1/8"	1	2	*1	-	-	1	1	-
57000-001	3/16"	1	2	*1	1	-	1	1	1
57000-003	1/4"	-	1	1	1	1	1	1	1
57000-005	5/16"	-	1	1	1	1	1	1	1
57000-004	3/8"	-	1	1	1	1	1	1	1
57000-006	7/16"	-	1	1	1	1	1	1	1
57000-007	1/2"	-	1	1	1	1	1	1	1

\*Refers to 57110-001

## SERIES 57100

### Splice Connectors

**DCD** Design & Manufacturing Ltd.

These products are used to repair a break in the rod. Having a solid section in the middle of the rod may cause problems with bending at that point and care should be taken when winding rod with a solid connector. The five larger sizes are stainless steel and can be glued or screwed on, the two smaller sizes are brass and must be glued.



Part No.	For Rod Diameter (in)	Weight (lb)
57100-000	1/8"	0.01 lb
57100-001	3/16"	0.01 lb
57100-002	1/4"	0.09 lb
57100-003	5/16"	0.09 lb
57100-004	3/8"	0.14 lb
57100-006	7/16"	0.14 lb
57100-007	1/2"	0.14 lb

## SERIES 57110

### Flexible Guide Heads

**DCD** Design & Manufacturing Ltd.

Flexible Guides are used for leading the rod around tight bends. The two larger sizes are stainless steel, the smaller sizes are brass.



Part No.	For Rod Diameter (in)	Head Diameter (in)	Overall Length (in)	Threaded Connection	Weight (lb)
57100-000	1/8", 3/16"	5/16"	3-1/2"	#12 UNC	0.02 lb
57100-001	1/8", 3/16"	3/8"	3-1/2"	#12 UNC	0.03 lb
57100-002	1/4", 5/16"	9/16"	6"	5/16" UNC	0.11 lb
57100-003	3/8", 7/16", 1/2"	3/4"	12"	3/8" UNC	0.27 lb

## SERIES 57120

### Pulling Eyes

**DCD** Design & Manufacturing Ltd.

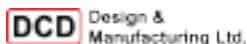
Pulling Eyes are used for tying wire or pull tape to the end of the rod or used as a leader. They screw directly onto the rod end and are supplied with the rodder.



Part No.	For Rod Diameter (in)	Body Diameter (in)	Threaded Connection	Weight (lb)
57120-000	1/8", 3/16"	1/4"	#12 UNC	0.01 lb
57120-001	1/8", 3/16"	3/8"	#12 UNC	0.02 lb
57120-002	1/4", 5/16"	1/2"	5/16" UNC	0.05 lb
57120-003	3/8", 7/16", 1/2"	5/8"	3/8" UNC	0.27 lb

## SERIES 57130/57135

### Rod Ends



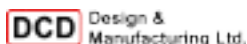
These are used as a means of attaching accessories to the rod. Brass male rod ends are standard on the leading end to the smaller 1/8" and 3/16" rodders which have no fitting on the back end. The larger rodders are all fitted with female ends on the back end of the rod.



Part No.	Male Rod End Part No.	For Rod Diameter (in)	Body Diameter (in)	Threaded Connection	Weight (lb)
-	57135-000	1/8"	1/4"	#12 UNC	0.01 lb
-	57135-001	3/16"	1/4"	#12 UNC	0.01 lb
57130-003	57135-003	1/4"	1/2"	5/16" UNC	0.07 lb
57130-005	57135-005	5/16"	1/2"	5/16" UNC	0.07 lb
57130-004	57135-004	3/8"	5/8"	3/8" UNC	0.13 lb
57130-006	57135-006	7/16"	5/8"	3/8" UNC	0.13 lb
57130-007	57135-007	1/2"	5/8"	3/8" UNC	0.13 lb

## SERIES 57140

### Swivel Connectors



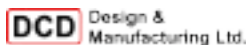
The Swivel Connector allows any attachment to the rod to rotate freely. These have bronze bearings and are supplied on all 1/4" and larger rodders.



Part No.	For Rod Diameter (in)	Body Diameter (in)	Threaded Connection	Weight (lb)
57140-003	1/4"	1/2"	5/16" UNC	0.10 lb
57140-005	5/16"	1/2"	5/16" UNC	0.10 lb
57140-004	3/8"	5/8"	3/8" UNC	0.20 lb
57140-006	7/16"	5/8"	3/8" UNC	0.20 lb
57140-007	1/2"	5/8"	3/8" UNC	0.20 lb

## SERIES 57150

### Roller Guides



The Roller Guide is used to push through conduit with cable already in place. The rollers prevent the rod from wedging in under the cable as they rotate on hardened shoulder bolts. The shank attaches directly to the swivel rod end to provide axial rotation. The Roller Guides are recommended for use with the detectable duct rods to make a better electrical connection with the walls of the ducting

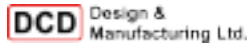


Part No.	For Rod Diameter (in)	Body Diameter (in)	Across Rollers (in)	Threaded Connection	Weight (lb)
57150-003	3/16"	3/8"	1-1/16"	#12 UNC	0.05 lb
57150-005	1/4", 5/16"	1/2"	1-3/16"	5/16" UNC	0.14 lb
57150-004	3/8", 7/16", 1/2"	5/8"	1-11/16"	3/8" UNC	0.34 lb



## SERIES 57160

### Clevis Ends



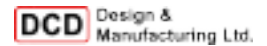
The Clevis allows attachment of pulling ropes, etc. without the need of extra shackles.






Part No.	For Rod Diameter (in)	Body Diameter (in)	Threaded Connection	Weight (lb)
57160-002	1/4", 5/16"	5/8"	5/16" UNC	0.08 lb
57160-004	3/16", 7/16", 1/2"	7/8"	3/8" UNC	0.22 lb

## SERIES 57131/57170

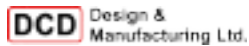
### Sonde Connections (Other sizes available up request)



Part No.	For Rod Diameter (in)	Body Diameter (in)	Threaded Connection	Weight (lb)	Type	
57131-003	1/4"	1/2"	Rod to M10 x 1.5 Female	0.06 lb	 Male Rod End Replacement	
57131-005	5/16"	1/2"	Rod to M10 x 1.5 Female	0.06 lb		
57131-004	3/8"	5/8"	Rod to M10 x 1.5 Female	0.12 lb		
57131-006	7/16"	5/8"	Rod to M10 x 1.5 Female	0.13 lb		
57131-007	1/2"	5/8"	Rod to M10 x 1.5 Female	0.13 lb		
57170-001	1/8", 3/16"	1/2"	#12 UNC Female to 1/4" UNC Male	0.04 lb		 Rigid Adapter
57170-002	1/4", 5/16"	1/2"	5/16" Female to 1/4" UNC Male	0.04 lb		
57170-004	3/8", 7/16", 1/2"	5/8"	3/8" Female to 1/4" UNC Male	0.08 lb		
57170-007	3/8", 7/16", 1/2"	5/8"	3/8" Female to #12 Male	0.10 lb		
57170-011	3/8", 7/16", 1/2"	5/8"	3/8" UNC Female to 3/8" UNC Female	0.10 lb		
57170-014	3/16"	1/2"	#12 UNC Female to M10 x 1.5 Female	0.04 lb		
57170-015	1/4", 5/16"	5/8"	5/16" UNC Female to 3/8" UNC Male	0.10 lb		
57170-016	1/4", 5/16"	5/8"	5/16" UNC Female to 7/16" UNC Male	0.10 lb		
57170-003	1/4", 5/16"	1/2"	5/16" UNC Female to 1/4" UNC Male	0.10 lb		
57170-005	3/8", 7/16", 1/2"	5/8"	3/8" UNC Female to 1/4" UNC Male	0.13 lb		
57170-009	3/8", 7/16", 1/2"	5/8"	3/8" UNC Female to 3/8" UNC Male	0.14 lb	 Flexible Leader	
57170-012	1/4", 5/16"	1/2"	5/16" UNC Female to M10 x 1.5 Female	0.10 lb		
57170-013	3/8", 7/16", 1/2"	5/8"	3/8" UNC Female to M10 x 1.5 Female	0.14 lb		
57170-017	1/4", 5/16"	5/8"	5/16" Female to 5/16" UNC Male	0.14 lb		
57170-018	1/4", 5/16"	5/8"	5/16" Female to 3/8" UNC Female	0.14 lb		
57170-022	1/4", 5/16"	5/8"	5/16" Female to M10 x 1.5 Female	0.14 lb		

## SERIES 60000

### Wire Mesh Grips For Duct Rodders



Part No.	Size Range (in)	Approximate Breaking Strength	Weight (lb)
60000-066	0.16" to 0.24" dia.	250 lb	0.01 lb
60000-060	0.24" to 0.35" dia.	250 lb	0.02 lb
60000-061	0.35" to 0.47" dia.	250 lb	0.03 lb
60000-062	0.47" to 0.59" dia.	250 lb	0.03 lb
60000-063	0.59" to 0.75" dia.	250 lb	0.06 lb
60000-064	0.75" to 0.98" dia.	250 lb	0.10 lb
60000-065	0.98" to 1.20" dia.	250 lb	0.16 lb

## CONTINUOUS DUCT RODDERS



TOOLS BUILT TO GO THE DISTANCE

These duct rodders are 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 end fitting on the back end. Carriers are made of tubular steel and are powder coated for corrosion resistance. Larger diameter carriers have inboard wheels for easy transport at the job site. Each carrier is fitted with a hand-operated brake to control payout. Available in standard or toneable rod.

### SPECIFICATIONS

Nominal Size	End Threads	Rated Pull Strength	Min. Bend Radius
1/4"	5/16"-18	500 lb-ft	7.4"
3/8"	3/8"-16	1400 lb-ft	9"
1/2"	3/8"-16	1800 lb-ft	18"



Standard Rod Part No.	Toneable Part No.	Duct Rodder Size	Standard Rod Part No.	Toneable Part No.	Duct Rodder Size
89202	N/A	1/4" x 100 ft	89244	N/A	3/8" x 1,400 ft
89204	N/A	1/4" x 200 ft	89245	N/A	3/8" x 1,500 ft
89206	N/A	1/4" x 300 ft	89246	N/A	3/8" x 1,600 ft
89208	N/A	1/4" x 400 ft	89247	N/A	3/8" x 1,700 ft
89210	N/A	1/4" x 500 ft	89248	N/A	3/8" x 1,800 ft
89222	88222	3/8" x 200 ft	89249	N/A	3/8" x 2,000 ft
89224	88224	3/8" x 300 ft	89252	88252	1/2" x 200 ft
89226	88226	3/8" x 400 ft	89254	88254	1/2" x 300 ft
89228	88228	3/8" x 500 ft	89256	88256	1/2" x 400 ft
89230	88230	3/8" x 600 ft	89258	88258	1/2" x 500 ft
89232	88232	3/8" x 700 ft	89260	88260	1/2" x 600 ft
89234	88234	3/8" x 800 ft	89262	88262	1/2" x 700 ft
89236	88236	3/8" x 900 ft	89264	88264	1/2" x 800 ft
89238	88238	3/8" x 1,000 ft	89266	88266	1/2" x 900 ft
89240	N/A	3/8" x 1,100 ft	89268	88268	1/2" x 1,000 ft
89242	N/A	3/8" x 1,200 ft	89270	88270	1/2" x 1,100 ft
89243	N/A	3/8" x 1,300 ft	89272	88272	1/2" x 1,200 ft

### DUCT RODDER ACCESSORY KITS

These kits come complete with the everyday essentials you'll need for your rodding. Easily attached to the frame with UV treated tie wraps, the Cordura Nylon pouch has plenty of room to store your accessories and keep them with the rodder where they belong.



TOOLS BUILT TO GO THE DISTANCE

Part No.	Description
89424	Kit for 1/4"
89425	Kit for 3/8"
89426	Kit for 1/2"



## ROLLER GUIDE FOR 3/8" & 1/2"



The 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.



Part No.	Rod Diameter	Duct Range	Weight
89360	3/8", 1/2"	2-1/4"	7.63 oz

## SWIVEL COUPLING



The Swivel Couplings 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.



Part No.	Rod Diameter	Weight
89380	1/4"	.48 oz
89382	3/8", 1/2"	4.32 oz

## SONDE ADAPTERS



Sonde adapters will only work with 3/8" and 1/2" duct rodders. Other adapters are available upon request



Part No.	Thread Size	Weight
89384	Male 1/4" - 20	2.08 oz
89394	Femail M10 x 1.5	1.76 oz

## SONDE ADAPTERS



The sonde missile safely carries the sonde P/N 88283 through a duct with compressed air in order to test the integrity of a duct or precisely locate a blockage. Sonde sold separately.

Part No.	Description
89396	1" Duct - SDR 9, 11, 13.5, 15.5, 17
88285	1-1/4" Duct - SDR 9, 11,
88286	1-1/4", Duct - SDR 13.5, 15.5, 17   1-1/2" Duct - SDR 9
88287	1-1/2" Duct - SDR 11, 13.5, 15.5
88288	2" Duct-SDR 9,11,13.5,15.5

## FLEXIBLE LEADER



The Flexible Leader is another tool used to guide the duct rod around bends, sweeps and duct misalignment.



Part No.	Rod Diameter	Weight
89371	1/4"	1 oz
89370	3/8", 1/2"	2.24 oz

## TAPERED HEADS



Part No.	Rod Diameter	Weight
89350	1/4"	.16 oz
89352	3/8", 1/2"	.48 oz

## SONDE



The sonde is a small self-contained transmitter that connects to the end of the duct rod. The sonde will help trace the cut route and can also locate duct blockages or collapses



Part No.	Weight
88283	3 oz



## EASY BUDDY®

**JAMESON.**



### 1/4" Diameter Rod - Lightweight Rodder for 1-2" Conduit

- Drag brake and safety feed eye to control payout
- Bend Radius: 4"
- 400 lb pull/tensile strength
- Male end ferrule: #5/16"- 18 thread pitch
- Accessory Kit included
- Dimensions 36.25"H x 24"L x 13"W

Part No.	Size	Replacement Reel
6-14-300M-R	300' x 1/4"	6-300RRM
6-14-400M-R	400' x 1/4"	6-400RRM
6-14-500M-R	500' x 1/4"	6-500RRM
6-14-600M-R	600' x 1/4"	6-600RRM

## GOOD BUDDY®

**JAMESON.**



### 3/8" Diameter Rod - Designed to be used in conduit 2-4" in diameter

- 7" Bending Radius
- 1000-lb Pull/Tensile Strength
- Make end ferrule: #3/8"- 16 thread pitch
- Includes End Ferrule and Pulling Eye
- Accessory Kit, End Ferrule and Pulling Eye Included
- Dimensions: 29"H x 29"L x 27"W (Folds to 10" Width)

Part No.	Size	Replacement Reel
6-14-300M-R	300' x 1/4"	6-300RRM
6-14-400M-R	400' x 1/4"	6-400RRM

## GOOD BUDDY® III

**JAMESON.**



### 3/8" Diameter Rod - Smaller Frame for Maximum Portability

- 300' and 400' Lengths
- Wheels and frame handle for transport
- Smaller frame size than GB or GB II
- Friction brake and safety roller feed
- Operates vertically or horizontally
- 1,000 lb pull/tensile strength
- Dimensions: 34"H x 26.5"L x 15.5"W

Part No.	Size	Replacement Reel
9A-25-300M	300' x 3/8"	9-300RRM
9A-25-400M	400' x 3/8"	9-400RRM

## GOOD BUDDY® II



### 3/8" Diameter Rod - Increased Length for Longer Runs

- 400', 500' and 600' lengths
- Oversized wheels support weight of longer rod
- Frame handle and wheels for transport
- Friction brake and safety roller feed
- Operates vertically and horizontally
- 1000 lb pull/tensile strength
- Dimensions 40"H x 32"L x 18" W

Part No.	Size	Replacement Reel
<b>11A-25-400M</b>	400' x 3/8"	<b>11A-400RRM</b>
<b>11A-25-500M</b>	500' x 3/8"	<b>11A-500RRM</b>
<b>11A-25-600M</b>	600' x 3/8"	<b>11A-600RRM</b>
<b>11A-25-1000M</b>	1000' x 3/5"	<b>11A-25-1000RRM</b>

To order 3/8" Good Buddy II with All-Terrain Wheels, add AWK to part number. Example 11A-25-400M-AWK

## BIG BUDDY®



### 1/2" Diameter Rod - For Conduit 4" or Larger

- Drag brake and safety feed eye to control pay out
- 10" Bending Radius
- Male and ferrule: 3/8"- 16 thread pitch
- Includes End Ferrule and Pulling eye
- Accessory Kit included
- Dimensions: 48"H x 44"L x 21"W (Folds to 10" Width)

Part No.	Size	Replacement Reel
<b>11-38-400M</b>	400' x 1/2"	<b>11-400RRM</b>
<b>11-38-500M</b>	500' x 1/2"	<b>11-500RRM</b>
<b>11-38-600M</b>	600' x 1/2"	<b>11-600RRM</b>
<b>11-38-800M</b>	800' x 1/2"	<b>11-800RRM</b>
<b>11-38-1000M</b>	1000' x 1/2"	<b>11-1000RRM</b>

To order 3/8" Big Buddy with All-Terrain Wheels, add AWK to part number. Example 11A-28-400M-AWK

## MEGA BUDDY®



### 1/2" Diameter Rod - For Conduit 4" or Larger

- 1500 ft. of 1/2" diameter fiberglass rod marked every 5 ft.
- Ideal for 4" or larger conduit
- 10" Bend Radius
- 1,000 lb Pull/Tensile Strength
- Accessory Kit Included: Splice Ferrule, Pulling Eye, End Ferrule, Adhesive and Emery Cloth
- Dimensions: 48"H x 44"L x 21"W

Part No.	Size	Replacement Reel
<b>11-38-1500M</b>	1,500 x 1/2"	<b>11-1500RRM</b>



Swivel Eye    Roller Guide    Swivel Coupling    Splice Ferrule    All-Terrain Wheel    Stinger Tip    Sonde & Adapters



Easy Buddy® Grapples    Good Buddy® Grapples    Big Buddy® Grapples



Easy Buddy® Accessory Kit    Good Buddy® Accessory Kit    Big Buddy® Repair Kit    Repair Adhesive

Accessories	Description	Easy Buddy®	Good Buddy® Good Buddy® II Good Buddy® III	Big Buddy® Mega Buddy®
Accessory Kit	Canvas Pouch - Pulling Eye, Splice Ferrule, End Ferrule, Adhesive and Emery Cloth	6-14-AK or 6-14-AK-R		
	Canvas Pouch - Swivel Pulling Eye, Splice Ferrule, End Ferrule, Adhesive and Emery Cloth		9-25-AK or 9-25-AK-R	
	Canvas Pouch - Splice Ferrule (2), End Ferrule, Adhesive, and Emery Cloth			11-38-RK or 11-38-RK-R
Repair Adhesive	Adhesive, Applicator, Emery Cloth		9-167	
Fixed Pulling Eye	Attach pull line or pulling grip to rod	6-160		
Swivel Pulling Eye	Attach pull line or pulling grip to rod	6-139	9-139	11-139
Shackle Fitting	Use with Pulling eye 11-139 for larger pulling loop		11-142	11-142
Roller Guide	Guide rod through bends, sweeps & misalignments	6-141	9-141 or 9-141-R	11-141 or 11-141-R
Flexible Spring Leader	Guide rod through bends, sweeps & misalignments	6-162		
Flexible Spring Leader w/Lg. Tip	Guide rod through bends, sweeps & misalignments			
Flexible Leader w/Eyelet	Guide rod through bends, sweeps & misalignments			
Flexible Fiberglass Stinger Tip	Guide rod through bends, sweeps & misalignments		9-25-12ST (12" Tip)	11-25-6ST (6' Tip)
			9-25-24ST (24" Tip)	11-25-8ST (8' Tip)
Swivel Coupling	Connect two rods for added length; provides rotation when pulling line, rope or wire	6-143	9-143	11-143
Rod Grapples	Connect two rodders from opposite directions	6-148	9-148	11-148
Splice Repair Kit	Splice Ferrule, Adhesive, and Emery Cloth	6-140 or 6-140-R	9-140 or 9-140-R	11-140 or 11-140-R
End Ferrule Repair Kit	End Ferrule, Adhesive, and Emery Cloth	6-146 or 6-146-R	9-146 or 9-146-R	11-146 or 11-146-R
All-Terrain Wheel Kit	Replacement All-Terrain Wheel Kit (2 wheels/axle)		11A-AWK (GB II Only)	11-AWK

## MINI DUCT HUNTER™

**JAMESON**



### 1/8" Diameter Rod - For Tracing Small Conduit or Pipes

- Trace sewer laterals (up to 4" in diameter) to avoid cross bores
- Locate fiber optic cable in plastic pipe without tracer wire
- Bend Radius: 1.75"
- Locate fiber optic micro duct during fiber-to-the-home applications
- Fiberglass will not rust during plumbing applications
- Accessory Kit included
- Dimensions: 22"H x 17"L x 7"W

Part No.	Size	Replacement Reel
<b>15-18-100</b>	100' x 1/8"	<b>15-18-100RR</b>
<b>15-18-150</b>	150' x 1/8"	<b>15-18-150RR</b>
<b>15-18-200</b>	200' x 1/8"	<b>15-18-200RR</b>
<b>15-18-250</b>	250' x 1/8"	<b>15-18-250RR</b>
<b>15-18-300</b>	300' x 1/8"	<b>15-18-300RR</b>

## MINI DUCT HUNTER™

**JAMESON**



### 3/16" Diameter Rod - For Tracing Small or Conduit Pipes

- Trace sewer laterals (up to 4" in diameter) to avoid cross bores
- Locate fiber optic cable in plastic pipe without tracer wire
- Bend Radius: 2.5"
- Locate fiber optic micro duct during fiber-to-the-home applications
- Fiberglass will not rust during plumbing applications
- Accessory Kit included
- Dimensions: 22"H x 17"L x 7"W

Part No.	Size	Replacement Reel
<b>15-316-100</b>	100' x 3/16"	<b>15-316-100RR</b>
<b>15-316-150</b>	150' x 3/16"	<b>15-316-150RR</b>
<b>15-316-200</b>	200' x 3/16"	<b>15-316-200RR</b>
<b>15-316-250</b>	250' x 3/16"	<b>15-316-250RR</b>
<b>15-316-300</b>	300' x 3/16"	<b>15-316-300RR</b>

## DUCT HUNTER™

**JAMESON**



### 1/4" Diameter Rod - For Tracing Small or Conduit Pipes

- Bend Radius 4"
- Locate sewer laterals to confirm no cross bore has occurred
- Locate ductile iron, plastic tile or concrete pipe
- For use in conduit with an inside diameter between 1" and 2"
- Marked every 5 ft. (Metric every 1m)
- Dimensions: 36.25"H x 24"L x 13"W

Part No.	Size	Replacement Reel
<b>16-14-300M</b>	300' x 1/4"	<b>16-300RRM</b>
<b>16-14-400M</b>	400' x 1/4"	<b>16-400RRM</b>
<b>16-14-500M</b>	500' x 1/4"	<b>16-500RRM</b>
<b>16-14-600M</b>	600' x 1/4"	<b>16-600RRM</b>

## DUCT HUNTER™



### 5/16" Diameter Rod - Increased Length for Longer Runs

- For use in conduit with an inside diameter 2" and 4"
- Locate sewer laterals to confirm no cross bore has occurred
- Bend Radius: 6"
- Locate ductile iron, plastic, tile or concrete pipe
- Traceable fiberglass rod marked every 5 feet
- Dimensions: 34"H x 26"L x 16"W

Part No.	Size	Replacement Reel
<b>12-516-300M</b>	300' x 5/16"	<b>12-300RRM</b>
<b>12-516-400M</b>	400' x 5/16"	<b>12-400RRM</b>

## DUCT HUNTER™



### 5/16" Diameter Rod - Rigid Frame and Wheel Construction for Maximum Portability

- Locate sewer laterals to confirm no cross bore has occurred
- Bend Radius: 6"
- Locate ductile iron, plastic, tile or concrete pipe
- Traceable fiberglass rod marked every 5 feet
- Dimensions: 40"H x 32"L x 18"W

Part No.	Size	Replacement Reel
<b>12A-516-500M</b>	500' x 5/16"	<b>12A-500RRM</b>
<b>12A-516-600M</b>	600' x 5/16"	<b>12A-600RRM</b>
<b>12A-516-700M</b>	700' x 5/16"	<b>12A-700RRM</b>
<b>12A-516-800M</b>	800' x 5/16"	<b>12A-800RRM</b>
<b>12A-516-1200M</b>	1200' x 5/16"	<b>12A-1200RRM</b>

To order 5/16" Duct Hunter with All-Terrain Wheels, add AWK to part number. Example: 12A-516-700M-AWK

## DUCT HUNTER™



### 7/16" Diameter Rod - Rigid Frame and Wheel Construction for Maximum Portability

- Drag brake and safety feed eye to control pay out.
- 9" Bending Radius
- 800lb Pull/Tensile Strength
- Traceable fiberglass rod marked every 5 feet
- For use in conduit with an inside diameter 4" or larger
- Male end ferrule: 3/8"-16 thread pitch
- Includes End Ferrule and Pulling Eye
- Accessory Kit included
- Dimensions: 48"H x 44"L x 21"W

Part No.	Size	Replacement Reel
<b>13-716-400M</b>	400' x 7/16"	<b>13-400RRM</b>
<b>13-716-500M</b>	500' x 7/16"	<b>13-500RRM</b>
<b>13-716-600M</b>	600' x 7/16"	<b>13-600RRM</b>
<b>13-716-800M</b>	800' x 7/16"	<b>13-800RRM</b>
<b>14-716-1000M</b>	1000' x 7/16"	<b>13-1000RRM</b>

To order 7/16" Duct Hunter with All-Terrain Wheels, add AWK to part number. Example: 13-716-400M-AWK



# DUCT HUNTER® RODDER ACCESSORIES



End Ferrule	Splice Ferrule	Swivel Eye	Pulling Eye	Roller Guide	Roller Guide with w/Spring Leader	Ball-Nose Spring Leader	Flexible Leader w/Ball	All-Terrain Wheel
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1/8" & 3/16" Mini Duct Hunter Accessory Kit	1/4" Duct Hunter Accessory Kit	5/16" & 7/16" Duct Hunter Accessory Kit	Repair Adhesive
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Accessories	Description	1/8" Mini Duct Hunter	3/16" Mini Duct Rodder	1/4" Duct Hunter	5/16" Duct Hunter	7/16" Duct Hunter
Accessory Kit	Canvas Pouch - Roller Guide, End Ferrule, Splice Ferrule, 2 Adhesive, 2 Emery Cloth, Heat Shrink Tubing & Rod Terminal				12-516-AK or 12-516-AK-R	13-716-AK or 13-716-AK-R
	Canvas Pouch - Ball-Nose, Spring Leader, End Ferrule, Splice Ferrule, 2 Adhesive, 2 Emery Cloth, Heat Shrink Tubing & Rod Terminal			16-14-AK or 16-14-AK-R		
	Canvas Pouch - Flexible Leader w/Ball, End Ferrule, Splice Ferrule, Pulling Eye, Adhesive, Emery Cloth & Heat Shrink Tubing	15-18-AK or 15-18-AK-R	15-316-AK or 15-316-AK-R			
End Ferrule Repair Kit	End Ferrule, Adhesive, Emery Cloth & Rod Terminal (1/4" & Larger Rod Only)	15-18-146 or 15-18-146-R	15-146 or 15-146-R	16-146 or 16-146-R	12-146 or 12-146-R	13-146 or 13-146-R
		15-18-140 or 15-18-140-R	15-140 or 15-140-R	16-140 or 16-140-R	12-140 or 12-140-R	13-140 or 13-140-R
Repair Adhesive	Adhesive, Applicator, Emery Cloth			9-167		
Roller Guide	Guides rod through bends, sweeps, misalignments & wires; Increases contact with pipe on lead end of rod to improve overall signal strength				9-141 or 9-141-R	
Roller Guide w/Spring Leader	Heavy-duty spring & chain attached to swiveling roller guide helps guide rod over cables, rough surfaces & pipe joints					
Ball-Nose Spring Leader	Heavy-duty spring & chain with ball nose helps rod move over rough surfaces and pip joints, 3/8"-16 hole (also fits Buddy Rodders with 3/8" & 1/2" rods)			16-169		
	Heavy-duty spring & chain with ball nose helps rod move over rough surfaces and pip joints, 3/8"-16 hole (also fits Buddy Rodders with 3/8" & 1/2" rods)				12-163	
Flexible Leader w/Ball	Flexible leader with steel cable and plastic ball helps rod navigate tight bends and pipe joints	15-163				
Swivel Eye	Attaches pull line to rod, swivels				9-139	
Pulling Eye	Attaches pull line to rod, fixed	15-160		16-160		
All Terrain Wheels	Two wheels, spacers, lock collars, axle & hex wrench (fits 12A - and 13 - models only)				11A-AWK	

## LIVE TRACER™ GAS MAINS



### 1/4" Diameter Rod - Lightweight Portable Traceable Rodder

Live Tracer™ Traceable Rodder with an electrofusion insertion tee is designed to locate live gas mains with no blow-by connecting a transmitter to the Live Tracer™ to energize the unit with a specific frequency and radiates a signal to the surface where a receiver detects the frequency.

- No Blow-by while feeding rod into live main up to 125 PSI
- Less disruptions to roads and landscapes
- 600 feet of 1/4" diameter traceable fiberglass rod marked every 5 feet
- Stuffing Box and Accessory Kit included
- Dimensions: 36.25"H x 24"L x 13"W

Part No.	Size	Replacement Reel
16-14-600M-GL	600' x 1/4"	16-600RRM

## LIVE TRACER™ GAS MAINS



### 5/16" Diameter Rod Flexible Rod

Live Tracer™ Traceable Rodder with an electrofusion insertion tee is designed to locate live gas mains with no blow-by connecting a transmitter to the Live Tracer™ to energize the unit with a specific frequency and radiates a signal to the surface where a receiver detects the frequency.

- No Blow-by while feeding rod into live main up to 125 PSI
- Less disruptions to roads and landscapes
- 600 feet of 1/4" diameter traceable fiberglass rod marked every 5 feet
- Stuffing Box and Accessory Kit included
- Dimensions: 34"H x 26.5"L x 15.5"W

Part No.	Size	Replacement Reel
12-516-300M-GL	300' x 5/16"	12-300RRM
12-516-400M-GL	400' x 5/16"	12-400RRM

## LIVE TRACER™ GAS MAINS



### 5/16" Diameter Rod Flexible Rod

Live Tracer™ Traceable Rodder with an electrofusion insertion tee is designed to locate live gas mains with no blow-by connecting a transmitter to the Live Tracer™ to energize the unit with a specific frequency and radiates a signal to the surface where a receiver detects the frequency.

- No Blow-by while feeding rod into live main up to 125 PSI
- Less disruptions to roads and landscapes
- 600 feet of 1/4" diameter traceable fiberglass rod marked every 5 feet
- Stuffing Box and Accessory Kit included
- Dimensions: 34"H x 26.5"L x 15.5"W

Part No.	Size	Replacement Reel
12A-516-500M-GL	500' x 5/16"	12A-500RRM
12A-516-600M-GL	600' x 5/16"	12A-600RRM
12A-516-700M-GL	700' x 5/16"	12A-700RRM
12A-516-800M-GL	800' x 5/16"	12A-800RRM
12A-516-1200M-GL	1200' x 5/16"	12A-1200RRM

# LIVE TRACER™ RODDER ACCESSORIES



Live Tracer™ Accessory Kit with Stuffing box (included and Sold Separately)      Wipes      Hex Wrench      All-Terrain Wheel








Stuffing Box      O-Rings      Spare Screws      Flexible Tip      Roller Guide      Roller Guide with w/Spring Leader      Ball-Nose Spring Leader      Repair Adhesive

Accessories	Description	1/4 " Live Tracer™	5/16" Live Tracer™
<b>Accessory Kit</b>	Canvas storage, stuffing box, 3 spare screws, 10 spare O-rings, lubricating wipes, hex wrench, ball-nose spring leader, spare end ferrule with adhesive, rod terminal, static grounding cable	16-14-SB-KIT	
	Canvas storage bag, stuffing box, 3 spare screws, 10 spare O-rings, lubricating wipes, hex wrench, ball-nose spring leader, roller guide, spare end ferrule with adhesive, rod terminal, static grounding cable		12-516-SB-KIT
<b>Accessory Kit without Stuffing Box</b>	Accessory Kit for gas main tracer, no stuffing box	16-14-Kit_No SB	
<b>Stuffing Box</b>	Stuffing box with 6 O-rings, 3 spare screws, 1" NPT pipe nipple	16-SB	12-SB
<b>O-Ring</b>	O-rings for Stuffing Box, 10-Pack	16-170	16-170-516
<b>Spare Screws</b>	Screws for Stuffing Box, 3-Pack	16-172	16-172
<b>Lubricating Wipes</b>	Lubricates rod for easier insertion through stuffing box. Canister of 20 wipes, non-toxic, water based		15-WIPE 15-WIPE-B (12 ct. box quantity)
<b>Hex Wrench</b>	3/16" Ball-nose hex wrench for 1/4" and 5/16" stuffing boxes		16-HW316
<b>End Ferrule Repair Kit</b>	End ferrule, rod terminal, adhesive, emery cloth	16-146	12-146
<b>Repair Adhesive</b>	Adhesive, Applicator, Emery Cloth		9-167
<b>Roller Guides</b>	Roller Guide helps guide rod over pipe joints and through bends. Will Not launch through EF Tees, for use with Directional Tool only.	16-141	9-141 or 9-14-141-R
<b>Roller Guide w/Spring Leader</b>	Heavy-duty spring & chain attached to swiveling roller guide helps guide rod over pipe joints & through bends. Will Not launch through EF Tees; use with Directional Tool only.		9-171
<b>Ball-Nose Spring Leader</b>	Heavy-duty spring and chain with ball nose helps rod move over pipe joints and bends, 1/4"-20 hole. Will launch through EF Tees.	16-169	
	Heavy-duty spring & chain with ball nose helps rod move over pipe joints and bends, 3/8"-16 hole (also fits Buddy rodders 3/8" & 1/2" rods) Will launch through EF Tees		12-163
<b>All Terrain Wheel Kit</b>	Two wheels, spacers, lock collars, axle & hex wrench (fits 12A - and 13 - models only)		11A-AWK

## SONDE & ADAPTERS



A sonde is a battery-powered locating beacon used to pinpoint rod end. Its signal is detected by a receiver. Using an adapter, the sonde is attached to the rod ferrule to locate in underground pipes or conduit. Can be used with Duct Hunter™ Traceable Rodders or Buddy® Rodders.

Type	Part No.	Threads		Fits Sondes	Fits Jameson Rodders	
		Side A	Side B			
<b>Flexible Spring &amp; Chain Adapters</b>						
 Double Female  Female & Male	<b>6-169</b>	5/16"-18 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	Easy Buddy®	1/4"
	<b>6-169-M10</b>	5/16" -18 female	M10 female	-Sondes with M10 Stud (Vivax-Metro Tech)		
	<b>9-169</b>	3/8"-16 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	All Good Buddies Big & Mega Buddy® Duct Hunters™	3/8" 1/2" 5/16" & 7/16"
	<b>16-168</b>	1/4"-20 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	Mini-Duct Hunter™ Duct Hunter™ Live Tracer™	1/8" & 3/16" 1/4" 1/4"
<b>Solid Adapters</b>						
 Double Female  Female & Male	<b>10-170</b>	#12-24 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	Little Buddy®	3/16"
	<b>6-170</b>	5/16"-18 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	Easy Buddy®	1/4"
	<b>9-170</b>	3/8"-16 female	1/4"-20 male	-Jameson 14-170 -Sondes with 1/4"-20 hole (Subsite)	All Good Buddies Big & Mega Buddy® Duct Hunters™	3/8" 1/2" 5/16" & 7/16"
	<b>12-170</b>	3/8"-16 female	M10 female	-Sondes with M10 Stud (Vivax-Metro Tech)		
	<b>15-165</b>	1/4"-20 female	M15 male	Sondes with M5 hole (Radio detection S6 Micro-Sonde)	Mini-Duct Hunter™ Duct Hunter™	1/8" & 3/16" 1/4"
<b>15-166</b>	1/4"-20 female	M6 male	Sondes with M6 hole (Radio detection S9 Micro-Sonde)	Live Tracer™	1/4"	
<b>Sonde</b>						
	<b>14-170</b>	1/4"-20 female		Sonde, operates at 5122 HZ, AAA battery included, up to 4 hours continuous use. Trace depths up to 20' (plastic pipe) or 10' (cast iron pipe). 3.25" x .83" dia.	Mini-Duct Hunter™ Duct Hunter™ Live Tracer™	1/8" & 3/16" 1/4" 1/4"
	<b>12-165</b>			Kit: Sonde 14-170 and adapter 9-169	All Good Buddies Big & Mega Buddy® Duct Hunters™	3/8" 1/2" 5/16" & 7/16"

## DIRECTIONAL ENTRY TOOL



The Jameson Directional Entry Tool enables vertical insertion of tracer rods and cameras into live gas mains, facilitating the difficult first bend at entry.

- Works on live mains with no blow by to 125 PSI
- Works on mains as small as 2"
- Rotates 360° to insert in either direction
- Optimized for use with Jameson 1/4" Live Tracer
- Works with commercially available saddles, valves and tap tools
- Works on PVC, PE, steel and ductile iron mains

Part No.	Description
<b>16-DT-2-C</b>	Directional Entry Tool with Hard Case
<b>16-DT-2-SHOE</b>	Replacement Shoe & Hardware
<b>16-DT-2-REPAIR</b>	Repair Kit: Wheel, 2 Lock Handles, Launch Handle, Launch Collar, 2 Launch Seal, 2 Shaft Collars

Specifications	
<b>Weight, Tool Only</b>	21.5 lb
<b>Weight in Case</b>	50 lb
<b>Tool Dimensions</b>	40.5" x 11" x 9.5"
<b>Case Dimensions</b>	42" x 13" x 12"
<b>Thread Size</b>	2" NPT
<b>Pressure Rating</b>	125 PSI



## LIVE TRACER™ FOR GAS & WATER SERVICE LINES



Incorporating a stuffing box (included), the Live Tracer™ rod can be inserted into line without blow-by up to 125 psi. A locator and receiver set are used to energize and trace path.

- No blow-by while feeding rod into live line up to 125 PSI
- Less disruption to roads and landscapes
- Minimal pavement breakage, excavation and restoration



**1/8" Live Tracer™ Includes Accessory Kit & Stuffing Box**

**3/16" Live Tracer™ Includes Accessory Kit & Stuffing Box**

Applications	For Service Lines 1/2" to 1" and Tight Bends	For Service Lines 3/4" to 1-1/2"
<b>Features</b>	Trace live gas & water service lines from the meter to the main	
<b>Lengths Available</b>	100' - 300' (30.5 - 91.4m)	100' - 300' (30.5 - 91.4m)
<b>Recommended Conduit</b>	1/2" - 1" (15 - 25mm)	3/4" - 1-1/2" (20 - 40mm)
<b>Minimum Bend Radius</b>	1.75" (4.5cm)	2.5" (6.4cm)
<b>Pull strength</b>	150 lb (67.9 kg)	300 lb (135.8 kg)
<b>Accessory Kit with Stuffing Box</b>	Included 15-18-SB-KIT	Included 15-316-SB-KIT
<b>Dimensions</b>	22"H x 17" L x 7"W	
<b>Weights</b>	11.1 - 15.0 lb	11.6 - 15 lb

### BULLET TIP

Guides rod from riser to service station



Live Tracer™ w/Bullet Trip	Size	Replacement Canister
<b>15-18-100-GLFT</b>	100' x 1/8"	15-18-100RR-GL
<b>15-18-150-GLFT</b>	150' x 1/8"	15-18-150RR-GL
<b>15-18-200-GLFT</b>	200' x 1/8"	15-18-200RR-GL
<b>15-18-250-GLFT</b>	250' x 1/8"	15-18-250RR-GL
<b>15-18-300-GLFT</b>	300' x 1/8"	15-300-RR-GL
<b>15-316-100-GGLFT</b>	100' x 3/16"	15-100RR-GL
<b>15-316-150-GLFT</b>	150' x 3/16"	15-150RR-GL
<b>15-316-200-GLFT</b>	200' x 3/16"	15-200RR-GL
<b>15-316-250-GLFT</b>	250' x 3/16"	15-250RR-GL
<b>15-316-300-GLFT</b>	300' x 3/16"	15-300RR-GL

### FLEXIBLE TIP

Navigates Difficult Transitions And Stub Fittings; Guides Rod Through Lyco Fittings In 1/2" Pipe.



Live Tracer™ w/Flexible Trip	Size	Replacement Canister
<b>15-18-100-GLFT</b>	100' x 1/8"	15-18-100RR-GL
<b>15-18-150-GLFT</b>	150' x 1/8"	15-18-150RR-GL
<b>15-18-200-GLFT</b>	200' x 1/8"	15-18-200RR-GL
<b>15-18-250-GLFT</b>	250' x 1/8"	15-18-250RR-GL
<b>15-18-300-GLFT</b>	300' x 1/8"	15-300-RR-GL
<b>15-316-100-GGLFT</b>	100' x 3/16"	15-100RR-GL
<b>15-316-150-GLFT</b>	150' x 3/16"	15-150RR-GL
<b>15-316-200-GLFT</b>	200' x 3/16"	15-200RR-GL
<b>15-316-250-GLFT</b>	250' x 3/16"	15-250RR-GL
<b>15-316-300-GLFT</b>	300' x 3/16"	15-300RR-GL



Live Tracer™ Accessory Kit with Stuffing box (included and Sold Separately)

Wipes

Hex Wrench



Stuffing Box

O-Rings

Spare Screws

Replacement Terminal

Flexible Tip Repair Kit

Bullet Tip Repair Kit

Tapered Tip Repair Kit

Repair Adhesive

Accessories & Repair Kit	Description	1/8" Live Tracer™	3/16" Live Tracer™
<b>Accessory Kit with Stuffing Box</b>	Canvas storage bag, Stuffing Box, 3 spare screws, 6 spare O-rings, lubricating wipes, hex wrench, spare bullet tip & tapered tip (3/16" kit only) with adhesive, static grounding cable	15-18-SB-KIT	15-316-SB-KIT
<b>Accessory Kit without Stuffing Box</b>	Canvas storage bag, 3 spare screws, 6 spare O-rings, lubricating wipes, hex wrench, spare bullet tip & tapered tip with adhesive, static grounding cable	15-18-KIT_No SB	15-316-KIT_No SB
<b>Lubricating Wipes</b>	Lubricates rod for easier insertion through Stuffing Box. Canister of 20 wipes, non-toxic	15-WIPE or 15-WIPE-B (12 ct. box quantity)	
<b>Hex Wrench</b>	5/32" Ball-nose hex wrench for 1/8" and 3/16" Stuffing Boxes	15-HW532	
<b>Grounding Cables</b>	Grounding clip, gas tracer	15-GC	
<b>Stuffing Box</b>	Stuffing Box with 6 O-rings, 3 spare screws, 3/4" NPT pipe nipple	15-18-SB	15-SB
<b>O-Rings</b>	12-pack of O-rings for Stuffing Box	15-18-170-GW	15-170-GW
<b>Spare Screws</b>	3-pack of screws for Stuffing Box	15-172	
<b>Repair Adhesive</b>	Adhesive, applicator, emery cloth	9-167	
<b>Replacement Terminal</b>	Contact terminal replacement kit, includes external and internal terminals, end ferrule, adhesive, emery cloth	15-18-LUG	15-LUG
<b>Bullet Tip Repair Kit</b>	Bullet tip, adhesive, emery cloth - guides rod from riser to service transition	15-18-146-GW	15-146-GW
<b>Tapered Tip Repair Kit</b>	Tapered tip, adhesive, emery cloth - guides rod from riser to service transition	15-146-GW-T	
<b>Flex Tip Repair Kit</b>	Flex tip, adhesive, emery cloth	15-18-168	15-163GLFT



## **Stocking Locations**

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