



DUCT RODDERS



Duct Rodders

Condux Duct Rodders combine ease of operation and reliable performance to help increase the efficiency of your rodding operations.

Condux Duct Rodder cages have been designed to be lighter weight for easy handling in the field. They feature sturdy construction and a hand-operated wheel brake. They can be used on their side as well as upright. The 30" (762 mm) and 45" (1,143 mm) cages come with wheels for added mobility. Cage sizes are matched to suit the rod you order.

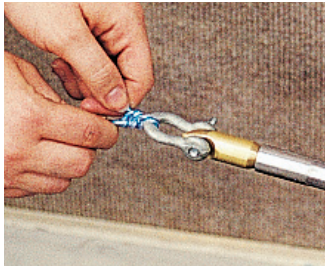
End Fittings Included

Condux Duct Rodders come equipped with a threaded end fitting on each end, and a tapered head on the outward end. Condux offers a number of optional end fitting accessories for additional applications.

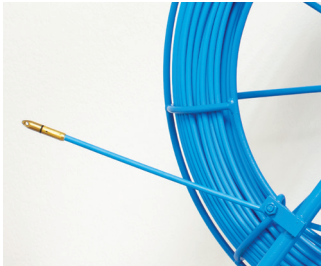
Easy to Order

Simply refer to the charts in this section to determine the diameter of rod you need.

All Duct Rodders come standard with a repair kit.



Duct rodder accessories (pgs. 16 - 19) are available to fit your rodding application.



End fittings are included with Condux duct rodders. See Duct Rodder Accessories for size and part number (pgs 16 - 19).



Condux duct rodders feature sturdy construction and reliable performance.



Hand-operated wheel brake adds control and safety.

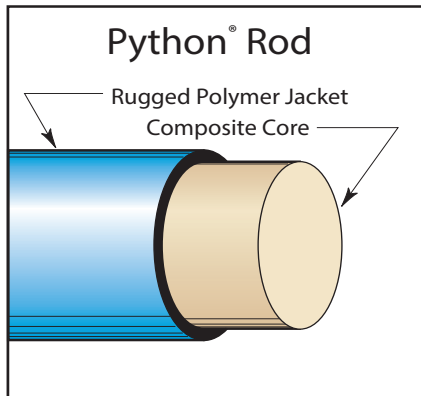
Duct Rodder Specifications

Duct Rod Diameter		Duct Rod Pull Strength		Core OD**		Coating OD*		Minimum Bending Radius	
(in)	(mm)	(lbs)	(n)	(in)	(mm)	(in)	(mm)	(in)	(mm)
3/16	5	200	890	.125	3.2	.187	4.8	3	76
1/4	6	350	1,557	.187	4.8	.250	6.3	5	127
5/16	8	950	4,226	.237	6.0	.312	7.9	7	178
7/16	11	950	4,226	.300	7.6	.437	11.1	11	280
9/16	13	1,400	6,227	.375	9.5	.500	13.0	11	280

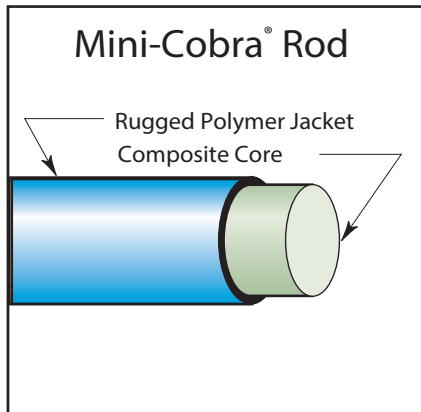
**Core O.D. Tolerance ±.007" (.2 mm); *Coating O.D. Tolerance ±.015" (.4 mm).

Two Types of Rod

Each Condux duct rodder has a glass reinforced composite core jacketed in a rugged plastic coating to ensure long life. They 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.



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.



MINI-COBRA®: Condux's Mini-Cobra includes $\frac{3}{16}$ " (5 mm) and $\frac{1}{4}$ " (6 mm) 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 wound in 16" (406 mm) and 24" (610 mm) cages in 50' (25 m) to 600' (200 m) lengths. Includes two male end fittings and two tapered heads.

REPLACEMENT ROD: Replacement rod is available for all Condux Duct Rodders. Please contact Condux Customer Service to place your order. Have your existing duct rodder part number ready to ensure an accurate match. Replacement rod comes with end fittings and tapered heads in a disposable replacement cage.

RECOMMENDED DUCT RODDER SIZES FOR CONDUIT													
Conduit Size	1/2" (13mm)	3/4" (19mm)	1" (25mm)	1 1/4" (32mm)	1 1/2" (38mm)	2" (51mm)	2 1/2" (64mm)	3" (76mm)	3 1/2" (89mm)	4" (102mm)	5" (127mm)	6" (152mm)	8" (203mm)
Recommended Duct Rodder Size(s)	3/16" (5mm)	3/16" (5mm)	3/16" (5mm) 1/4" (6mm)	3/16" (5mm) 1/4" (6mm)	1/4" (6mm) 5/16" (8mm)	1/4" (6mm) 5/16" (8mm)	1/4" (6mm) 5/16" (8mm)	5/16" (8mm) 7/16" (11mm) 9/16" (13mm)	5/16" (8mm) 7/16" (11mm) 9/16" (13mm)	5/16" (8mm) 7/16" (11mm) 9/16" (13mm)	7/16" (11mm) 9/16" (13mm)	7/16" (11mm) 9/16" (13mm)	9/16" (13mm)

*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 assistance.



DUCT RODDERS

Duct Rodders (U.S. Threads - USC)

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

3/16" MINI-COBRA ROD		
#12-24 End Fitting 16" Cage		
<i>Use for duct size .5" - 1.25"</i>		
Part Number	Length (l)	Replacement Rod
08072405	50	08073605
08072410	100	08073610
08072415	150	08073615
08072420	200	08073620
08072425	250	08073625
08072430	300	08073630

1/4" MINI-COBRA ROD		
5/16"-18 End Fitting 24" Cage		
<i>Use for duct size 1" - 2.5"</i>		
Part Number	Length (l)	Replacement Rod
08072510	100	08073710
08072515	150	08073715
08072520	200	08073720
08072525	250	08073725
08072530	300	08073730
08072535	350	08073735
08072540	400	08073740
08072545	450	08073745
08072550	500	08073750
08072555	550	08073755
08072560	600	08073760

5/16" PYTHON ROD		
3/8"-16 End Fitting 30" Cage		
<i>Use for duct size 1.5" - 4"</i>		
Part Number	Length (l)	Replacement Rod
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		
<i>Use for duct size 3" - 6"</i>		
Part Number	Length (l)	Replacement Rod
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		
<i>Use for duct size 3" - 8"</i>		
Part Number	Length (l)	Replacement Rod
08083220	200	08075720
08083230	300	08075730
08083240	400	08075740
08083250	500	08075750
08083260	600	08075760
08083270	700	08075770
08083280	800	08075780
08083290	900	08075790
08083210	1000	08075710

*all duct rodders come standard with a repair kit

Footage Marks

Optional footage marks are available on 5/16", 7/16" and 9/16" Python duct rod. Order footage marks by adding an F to the end of the existing part number. Footage marks are every two feet.

Example: If you were ordering 7/16" Python Rod, 1400 feet long you would order: 08083914F.

Additional charges apply.



Duct Rodders (Metric)

5MM MINI-COBRA ROD		
M5 End Fitting 406mm Cage		
<i>Use for duct size 13 - 32mm</i>		
Part Number	Length (m)	Replacement Rod
08072602	25	08072702
08072605	50	08072705
08072607	75	08072707
08072610	100	08072710

6MM MINI-COBRA ROD		
M8 End Fitting 610mm Cage		
<i>Use for duct size 25 - 64mm</i>		
Part Number	Length (m)	Replacement Rod
08072802	25	08072902
08072805	50	08072905
08072807	75	08072907
08072810	100	08072910
08072812	125	08072912
08072815	150	08072915
08072817	175	08072917
08072820	200	08072920

8MM PYTHON ROD		
M12 End Fitting 762mm Cage		
<i>Use for duct size 38 - 102mm</i>		
Part Number	Length (m)	Replacement Rod
08075205	50	08076405
08075207	75	08076407
08075210	100	08076410
08075212	125	08076412
08075215	150	08076415
08075217	175	08076417
08075220	200	08076420
08075225	250	08076425
08075230	300	08076430

11MM PYTHON ROD		
M12 End Fitting 1143 Cage		
<i>Use for duct size 76 - 152mm</i>		
Part Number	Length (m)	Replacement Rod
08078505	50	08078605
08078507	75	08078607
08078510	100	08078610
08078512	125	08078612
08078515	150	08078615
08078517	175	08078617
08078520	200	08078620
08078525	250	08078625
08078530	300	08078630
08078535	350	08078635
08078540	400	08078640
08078545	450	08078645

13MM PYTHON ROD		
M12 End Fitting 1143 Cage		
<i>Use for duct size 76 - 203mm</i>		
Part Number	Length (m)	Replacement Rod
08078705	50	08079305
08078707	75	08079307
08078710	100	08079310
08078712	125	08079312
08078715	150	08079315
08078717	175	08079317
08078720	200	08079320
08078725	250	08079325
08078730	300	08079330

Metric Marks

Optional metric marks are available on 8 mm, 11 mm and 13 mm Python duct rod. Order metric marks by adding an M to the end of the existing part number. Metric marks are every meter.

Example: If you were ordering 11 mm Python Rod, 400 Meters long you would order: 08078540M.

Additional charges apply.

