

## Innerduct Pulling Eyes

These products are designed to install polyethylene ducting using a screw-in tapered thread to grip the inside diameter of the duct. The pulling eyes are typically used to install innerduct inside a larger duct. However, the 00604 and 00605 series may also be used for directional drilling applications and because there are no moving parts, they are reliable and maintenance free.

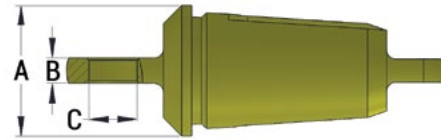
All of these pulling eyes are designed with cutting edges to actually cut a thread in the bore of the ducting as it is being screwed in, much the same way as using a tap to cut a thread in steel. This helps to ensure a reliable grip. Installation typically requires only seven or eight full threads of contact to give a grip stronger than the ducting itself.

The pulling eyes are installed quickly and easily and require no special tooling. They are manufactured out of steel and plated for durability and corrosion resistance.



## Lug Style Pulling Eye

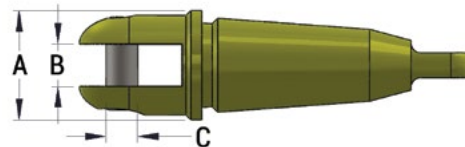
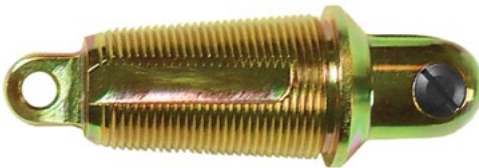
The lug style is recommended when attaching directly to a Line Swivel (00505 series) or other clevis type connector.



Part No.	Nominal Duct Size	Minimum Duct Inside Diameter	Maximum Duct Inside Diameter	A	B	C	Weight
00604-050	1/2"	0.47"	0.65"	7/8"	5/16"	7/16"	0.23 lb
00604-075	3/4"	0.72"	0.93"	1-1/8"	11/32"	17/32"	0.51 lb
00604-100	1"	0.94"	1.15"	1-3/8"	11/32"	21/32"	0.79 lb
00604-113	1-1/4"	1.15"	1.34"	1-1/2"	11/32"	21/32"	1.16 lb
00604-125	1-1/4"	1.26"	1.44"	1-3/4"	11/32"	21/32"	1.40 lb
00604-150	1-1/2"	1.48"	1.66"	2"	1/2"	15/16"	2.03 lb
00604-175	1-3/4"	1.66"	1.81"	2-1/4"	1/2"	15/16"	2.48 lb
00604-200	2"	1.91"	2.08"	2-1/2"	1/2"	15/16"	3.20 lb
00604-250	2-1/2"	2.41"	2.58"	3"	1/2"	15/16"	5.66 lb
00604-KT1	Kit including one each of the following 00604 part numbers: -075, -100, -113, -125, -150, -175, -200						

## Clevis Style Pulling Eye

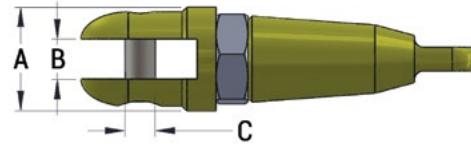
The clevis style pulling eyes are better if attaching to a pulling rope or wire with an eye that can be slotted into the clevis and simply attached with the pin provided.



Part No.	Nominal Duct Size	Minimum Duct Inside Diameter	Maximum Duct Inside Diameter	A	B	C	Weight
00605-100	1"	0.94"	1.15"	1-3/8"	17/32"	13/32"	0.90 lb
00605-125	1-1/4"	1.26"	1.44"	1-3/4"	17/32"	13/32"	1.48 lb
00605-150	1-1/2"	1.48"	1.66"	2"	11/16"	5/8"	2.20 lb
00605-200	2"	1.91"	2.08"	2-1/2"	11/16"	5/8"	3.35 lb

## Swivel Clevis Style Pulling Eye

These products are similar to the 00604 and 00605 series, but incorporate a built-in swivel head. They should only be used to install innerduct and are not suitable for use in any kind of directional drilling application.



Part No.	Nominal Duct Size	Minimum Duct Inside Diameter	Maximum Duct Inside Diameter	A	B	C	Weight
00615-100	1"	0.94"	1.15"	1-1/4"	17/32"	13/32"	0.99 lb
00615-125	1-1/4"	1.26"	1.44"	1-5/8"	17/32"	13/32"	1.57 lb
00615-150	1-1/2"	1.48"	1.66"	1-3/4"	11/16"	5/8"	2.23 lb
00615-200	2"	1.91"	2.08"	2-1/4"	11/16"	5/8"	3.51 lb

## Vibratory Plow-Grip

This product is specifically designed for installation of PVC or PE duct by vibratory plow and is particularly suited to agricultural applications because of its quick installation and removal.

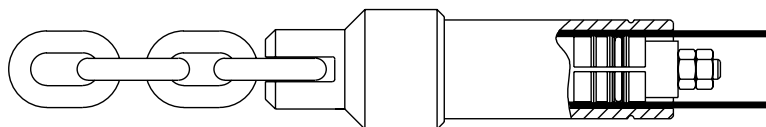
DCD Plow-Grips are comprised of a stainless steel body and a clevis head with eight links of hardened steel chain attached and hardened stainless steel expanding jaws with teeth that grip the inside of the ducting.



Since there are various outside and inside diameters for ducting, the DCD plow grip now has a single sleeve with a different bore size at each end. Should your ducting not fit at one end, reverse the sleeve and check the other end. The two sleeve sizes will cover 80 lb and 100 lb PE duct and Schedule 40 up to SDR 26 PVC duct as well as CSA B137.1 PE duct.

To assemble the Plow-Grip to the ducting, the head is pushed against a spring which contracts the hardened steel jaws. The Plow-Grip can then be sleeved over the ducting. When the head is released, the jaws expand inside the duct and bite into the duct wall. As the pulling load is applied, it increases the bite of the jaws. When the pull is complete, pushing the head down will again contract the jaws allowing the Plow-Grip to be removed from the ducting.

Part No.	Nominal Pipe Size	Minimum Duct Inside Diameter	Maximum Duct Inside Diameter	Maximum Duct Outside Diameter	Weight
00600-075	3/4"	0.82"	0.97"	1.060"	1.50 lb
00600-100	1"	1.05"	1.22"	1.325"	2.20 lb
00600-125	1-1/4"	1.38"	1.54"	1.670"	3.20 lb
00600-150	1-1/2"	1.50"	1.70"	2.000"	6.54 lb
00600-200	2"	1.95"	2.38"	2.658"	9.10 lb



The main appeal of this product is the extreme ease of attaching the product to the ducting. This can easily be done in just a few seconds and no tools are required.

Typical vibratory plow action causes a very fine dust or powder to surround the puller, it is recommended that the user periodically dismantle the product for thorough cleaning. A wrench is the only tool required for complete dismantling.

## Pest Duct Puller

The Pest Duct Puller is specifically sized for pulling Dura-Line® HDPE steel armor conduit. The duct puller pulls, seals (tested to over 60 psi), and prevents the duct from stretching or the layers separating by utilizing the outer body in combination with the expanding jaws. This design also features a full size rear eye nut for back loads.



Part No.	Nominal Duct Diameter	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Duct Insertion Depth	Weight
<b>C2012-125</b>	1-1/4"	3,600 lb	1,000 lb	1.35" / 34.2 mm	1.60" / 40.6 mm	1.2"	2.2 lb

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Expanding Duct Puller - 00616 Series

The 00616/00617 series pullers were designed based on the older 00619 series pullers. After a customer request for a easier to handle puller we created a puller with a steel face plate instead of polyurethane. This design change has been made to satisfy customer request. As with the 00619 series, these pullers are designed with a larger expansion range in each unit as compared to the 00620 series.



The puller comes standard with a duct plugger installed and complete with a rear pulling eye. Standard duct sleeves (00625 series) can also be used with this product.

Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Weight	Duct Sleeve Part No.
<b>00616-125</b>	1-1/4"	4,300 lb	1,100 lb	1.280" / 32.5 mm	1.610" / 40.9 mm	1.3 lb	<b>00625-125</b>
<b>00616-150</b>	1-1/2"	4,300 lb	1,100 lb	1.437" / 36.5 mm	1.812" / 46.0 mm	1.5 lb	<b>00625-150</b>
<b>00616-200</b>	2"	8,600 lb	1,300 lb	1.813" / 46.0 mm	2.188" / 55.6 mm	3.2 lb	<b>00625-200</b>
<b>00616-250</b>	2-1/2"	8,600 lb	1,300 lb	2.188" / 55.6 mm	2.625" / 66.7 mm	4.5 lb	<b>00625-250</b>
<b>00616-300</b>	3"	8,600 lb	1,300 lb	2.688" / 68.3 mm	3.125" / 79.4 mm	5.7 lb	<b>00625-300</b>
<b>00616-400</b>	4"	12,000 lb	3,750 lb	3.313" / 84.1 mm	4.063" / 103.2 mm	14.6 lb	<b>00625-400</b>
<b>00616-500</b>	5"	12,000 lb	3,750 lb	4.250" / 108.0 mm	5.063" / 128.6 mm	24.5 lb	<b>00625-500</b>
<b>00616-600</b>	6"	22,100 lb	5,100 lb	4.875" / 123.8 mm	6.187" / 157.1 mm	47.9 lb	<b>00625-600</b>

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Metric Version

00617 Duct Pullers are the same as the 00616 series, but are designed with jaws that allow sizing to metric duct sizes. These Pullers are made to order.

Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Weight	Duct Sleeve Part No.
<b>00617-040</b>	40 mm	19.1 kN	4.9 kN	1.280" / 32.5 mm	1.610" / 40.9 mm	0.55 kg	<b>00626-040</b>
<b>00617-050</b>	50 mm	19.1 kN	4.9 kN	1.437" / 36.5 mm	1.812" / 46.0 mm	0.68 kg	<b>00626-050</b>
<b>00617-063</b>	63 mm	38.2 kN	5.8 kN	1.800" / 45.7 mm	2.250" / 57.1 mm	1.5 kg	<b>00626-063</b>
<b>00617-075</b>	75 mm	38.2 kN	5.8 kN	2.188" / 55.6 mm	2.593" / 65.8 mm	1.9 kg	<b>00626-075</b>
<b>00617-090</b>	90 mm	38.2 kN	5.8 kN	2.688" / 68.3 mm	3.125" / 79.4 mm	2.3 kg	<b>00626-090</b>
<b>00617-110</b>	110 mm	53.3 kN	16.7 kN	3.313" / 84.1 mm	4.031" / 102.4 mm	6.0 kg	<b>00626-110</b>
<b>00617-125</b>	125 mm	53.3 kN	22.7 kN	3.770" / 95.7 mm	4.500" / 114.3 mm	7.1 kg	<b>00626-125</b>
<b>00617-140</b>	140 mm	53.3 kN	22.7 kN	4.219" / 107.2 mm	5.063" / 128.6 mm	8.9 kg	<b>00626-140</b>
<b>00617-160</b>	160 mm	98.3 kN	22.7 kN	4.875" / 123.8 mm	6.219" / 157.9 mm	18.8 kg	<b>00626-160</b>

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

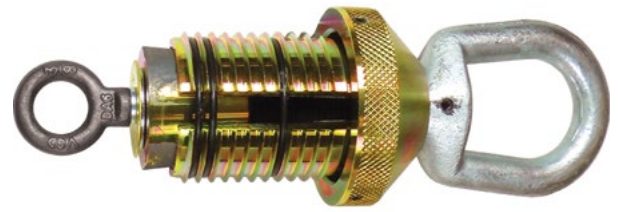
## Expanding Duct Puller - 00620 Series

These products are designed to grip polyethylene ducting using expanding jaws to grip the inside wall of the duct. This causes the pulling load to be spread around the circumference of the duct and allows a maximum load to be applied without damage to the ducting.

Care should be taken at all times not to exceed the yield value of the ducting since this may cause permanent deformation to the duct as well as loss to the integrity of the polyethylene.

On thin wall ducting, it is recommended that an outer duct sleeve be used to prevent the duct stretching during installation. A firmer and more stable grip will also be obtained when this is done. Use of a duct plugger will help to prevent mud and slurry from entering past the puller into the ducting. Duct wall thickness is normally designated by an SDR value. The lower the SDR value, the heavier the wall thickness. These products can be used on SDR 11 through SDR 17 ducting.

When ordering 10" and 12" Expanding Duct Pullers, the inside diameter of the duct must be known in order to select the correct duct puller part number. Jaw sets are easily interchangeable in the 10" and 12" size pullers. Alternate jaw sets for different SDR values can be purchased separately.



Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Weight	Duct Sleeve Part No.	Duct Plugger Part No.	Jaws Set Part No.
00620-125	1-1/4"	3,750 lb	1,000 lb	1.281" / 32.5 mm	1.500" / 38.1 mm	1.5 lb	00625-125	00630-125	-
00620-150	1-1/2"	3,750 lb	1,000 lb	1.469" / 36.5 mm	1.688" / 42.9 mm	1.7 lb	00625-150	00630-150	-
00620-200	2"	6,000 lb	1,500 lb	1.875" / 47.6 mm	2.125" / 54.0 mm	3.0 lb	00625-200	00630-200	-
00620-250	2-1/2"	6,000 lb	1,500 lb	2.250" / 57.2 mm	2.500" / 63.5 mm	5.0 lb	00625-250	00630-250	-
00620-300	3"	12,000 lb	2,500 lb	2.750" / 69.9 mm	3.063" / 77.8 mm	8.5 lb	00625-300	00630-300	-
00620-400	4"	12,000 lb	2,500 lb	3.500" / 88.9 mm	4.063" / 103.2 mm	15.0 lb	00625-400	00630-400	-
00620-500	5"	25,500 lb	4,250 lb	4.500" / 114.3 mm	5.000" / 127.0 mm	32.0 lb	00625-500	00630-500	-
00620-600	6"	25,500 lb	4,250 lb	5.438" / 138.1 mm	6.125" / 155.6 mm	48.0 lb	00625-600	00630-600	-
00620-800	8"	37,000 lb	12,000 lb	6.708" / 170.4 mm	7.875" / 200.0 mm	88.0 lb	-	00630-800	-
00620-1009*	10" SDR 9	42,000 lb	12,000 lb	7.938" / 201.6 mm	8.625" / 219.1 mm	135.0 lb	-	-	00622-1009
00620-1011*	10" SDR 11	30,000 lb	12,000 lb	8.375" / 212.7 mm	9.063" / 230.2 mm	137.0 lb	-	-	00622-1011
00620-1017*	10" SDR 17	42,000 lb	12,000 lb	9.063" / 230.2 mm	9.750" / 247.7 mm	142.0 lb	-	00630-1017	00622-1017
00620-1209*	12" SDR 9	30,000 lb	12,000 lb	9.563" / 242.9 mm	10.250" / 260.4 mm	190.0 lb	-	-	00622-1209
00620-1211*	12" SDR 11	42,000 lb	12,000 lb	10.063" / 255.6 mm	10.750" / 273.1 mm	203.0 lb	-	-	00622-1211
00620-1217*	12" SDR 17	125,000 lb	12,000 lb	10.938" / 277.8 mm	11.563" / 293.7 mm	223.0 lb	-	-	00622-1217

\* May be ordered separately, without jaws.

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Metric Version

These Duct Pullers are the same as the 00620 series, but are designed with jaws that allow sizing to metric duct sizes.

Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Weight	Duct Sleeve Part No.	Duct Plugger Part No.
00621-040	40 mm	16.6 kN	4.8 kN	1.260" / 32.0 mm	1.496" / 38.0 mm	0.73 kg	00626-040	00631-040
00621-063	63 mm	26.6 kN	6.6 kN	2.000" / 50.8 mm	2.248" / 57.1 mm	1.36 kg	00626-063	00631-063
00621-075	75 mm	26.6 kN	6.6 kN	2.374" / 60.3 mm	2.626" / 66.7 mm	2.2 kg	00626-075	00631-075
00621-090	90 mm	53.3 kN	11.4 kN	2.874" / 73.0 mm	3.189" / 81.0 mm	4.0 kg	00626-090	00631-090
00621-110	110 mm	53.3 kN	11.4 kN	3.374" / 85.7 mm	3.937" / 100.0 mm	6.6 kg	00626-110	00631-110
00621-125	125 mm	113.4 kN	19.2 kN	3.890" / 98.8 mm	4.388" / 111.5 mm	14.3 kg	00626-125	00631-125
00621-140	140 mm	113.4 kN	19.2 kN	4.488" / 114.0 mm	5.000" / 127.0 mm	14.3 kg	00626-140	00631-140
00621-160	160 mm	113.4 kN	19.2 kN	4.937" / 125.4 mm	5.626" / 142.9 mm	22.0 kg	00626-160	00631-160
00621-180	180 mm	113.4 kN	19.2 kN	5.689" / 144.5 mm	6.378" / 162.0 mm	22.0 kg	-	00631-180
00621-200	200 mm	164.5 kN	53.3 kN	6.708" / 170.4 mm	7.874" / 200.0 mm	40.8 kg	-	00631-200

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Sealed Duct Puller

These products are designed to install polyethylene ducting using expanding jaws to grip the inside diameter of the duct while the outside diameter is prevented from stretching by a permanent outer sleeve on the puller. The outer sleeve also provides a complete seal around the ducting preventing any fluids or contaminants from entering either the duct or the pulling eye.

The pulling head is manufactured from alloy steel and is designed to protect the mechanism from heavy knocks or side loads. It is also fully sealed to prevent any fluid entry.



Care should be taken at all times not to exceed the yield value of the ducting since this may cause permanent deformation to the duct as well as loss to the integrity of the polyethylene.

These duct pullers are installed quickly and easily and require no special tooling. A new tooth profile makes removal much easier than the earlier models.

Duct wall thickness is normally designated by an SDR value. The lower the SDR value, the heavier the wall thickness. These products can be used on SDR 9 through SDR 17 ducting and Schedule 40 pipe.

Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Maximum Outside Duct Diameter	Weight
00650-100	1"	3,100 lb	1,000 lb	1.000" / 25.4 mm	1.250" / 31.8 mm	1.350" / 76.2 mm	1.5 lb
00650-125	1-1/4"	3,100 lb	1,000 lb	1.250" / 31.8 mm	1.500" / 38.1 mm	1.656" / 42.1 mm	1.9 lb
00650-150	1-1/2"	3,600 lb	1,000 lb	1.438" / 36.5 mm	1.688" / 42.9 mm	1.906" / 48.4 mm	2.2 lb
00650-200	2"	5,600 lb	1,000 lb	1.813" / 42.9 mm	2.188" / 55.6 mm	2.375" / 60.3 mm	3.9 lb
00650-250	2-1/2"	8,200 lb	1,000 lb	2.188" / 55.6 mm	2.563" / 77.8 mm	2.875" / 73.0 mm	5.6 lb
00650-300	3"	12,200 lb	1,000 lb	2.688" / 68.3 mm	3.063" / 77.8 mm	3.500" / 88.9 mm	7.33 lb
00650-400	4"	20,100 lb	1,500 lb	3.438" / 87.3 mm	4.250" / 108.0 mm	4.500" / 114.3 mm	17.3 lb
00650-500	5"	30,700 lb	1,500 lb	4.313" / 109.5 mm	5.125" / 130.2 mm	5.563" / 141.3 mm	26.5 lb
00650-600	6"	43,600 lb	2,500 lb	5.063" / 128.6 mm	6.063" / 154.0 mm	6.625" / 168.3 mm	48.0 lb

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Metric Version

These Duct Pullers are the same as the 00650 series, but are designed with jaws that allow sizing to metric duct sizes.

Part No.	Nominal Duct Size	3:1 Safe Working Load	Rear Eye Capacity (3:1 SWL)	Minimum Inside Duct Diameter	Maximum Inside Duct Diameter	Maximum Outside Duct Diameter	Weight
00651-040	40 mm	13.8 kN	4.8 kN	1.280" / 32.5 mm	1.500" / 38.1 mm	1.575" / 40.0 mm	0.95 kg
00651-050	50 mm	16.0 kN	4.8 kN	1.437" / 36.5 mm	1.736" / 44.1 mm	1.969" / 50.0 mm	1.0 kg
00651-063	63 mm	24.9 kN	4.8 kN	2.000" / 50.8 mm	2.248" / 57.1 mm	2.480" / 63.0 mm	1.8 kg
00651-075	75 mm	36.5 kN	4.8 kN	2.374" / 60.3 mm	2.626" / 66.7 mm	2.953" / 75.0 mm	2.7 kg
00651-090	90 mm	54.3 kN	4.8 kN	2.874" / 73.0 mm	3.189" / 81.0 mm	3.543" / 90.0 mm	3.9 kg
00651-110	110 mm	89.4 kN	6.6 kN	3.374" / 85.7 mm	3.937" / 100.0 mm	4.331" / 110.0 mm	7.8 kg
00651-125	125 mm	110.0 kN	6.6 kN	3.890" / 98.8 mm	4.390" / 111.5 mm	4.921" / 125.0 mm	9.6 kg
00651-140	140 mm	136.6 kN	6.6 kN	4.488" / 114.0 mm	5.000" / 127.0 mm	5.512" / 140.0 mm	12.0 kg
00651-160	160 mm	193.9 kN	11.4 kN	4.937" / 125.4 mm	5.626" / 142.9 mm	6.299" / 160.0 mm	26.0 kg

Note: Safe Working Load is based on the duct yield strength to protect from creep failure.

## Duct Puller Replacement O-Rings

Replacement O-Rings are available for the 00616, 00617, 00620, 00621, 00650, and 00651 Duct Pullers.



Duct Puller	O-Ring	Quantity	Position
00616-125	90027-087U	2	Jaw
00616-150	90027-118U	2	Jaw
00616-200	90027-138U	2	Jaw
00616-250	90027-175U	3	Jaw
00616-300	90027-213U	3	Jaw
00616-400	90027-287U	3	Jaw
00616-500	90027-3751U	3	Jaw
00616-600	90027-425U	3	Jaw
00620-125	90027-100	2	Jaw
00620-150	90027-100	2	Jaw
00620-200	90027-175U	2	Jaw
00620-250	90027-213U	3	Jaw
00620-300	90027-250U	3	Jaw
00620-400	90027-250U	3	Jaw
00620-500	90027-400	4	Jaw
00620-600	90027-475	4	Jaw
00620-800	90027-5001	2	Jaw
	90027-5871V	1	Jaw
00620-1009	90027-6001	3	Jaw
00620-1011	90027-6001	3	Jaw
00620-1017	90027-6001	3	Jaw
00620-1209	90027-7381	5	Jaw
00620-1211	90027-7381	5	Jaw
00620-1217	90027-7381	5	Jaw
00650-100	90027-087U	2	Jaw
	90027-187	1	Body
	90027-137	2	Shaft
00650-125	90027-087U	2	Jaw
	90027-187	1	Body
	90027-137	2	Shaft
00650-150	90027-118U	2	Jaw
	90027-206	1	Body
	90027-118U	2	Shaft
00650-200	90027-138U	2	Jaw
	90027-262	1	Body
	90027-156	2	Shaft
00650-250	90027-175U	3	Jaw
	90027-312	1	Body
	90027-156	2	Shaft
00650-300	90027-213U	3	Jaw
	90027-375	1	Body
	90027-156	2	Shaft
00650-400	90027-287U	3	Jaw
	90027-475	1	Body
	90027-218	2	Shaft
00650-500	90027-3751U	3	Jaw
	90027-587	1	Body
	90027-218	2	Shaft
00650-600	90027-425U	3	Jaw
	90027-700	1	Body
	90027-268	2	Shaft

Duct Puller	O-Ring	Quantity	Position
00617-040	90027-087U	2	Jaw
00617-050	90027-118U	2	Jaw
00617-063	90027-138U	2	Jaw
00617-075	90027-175U	3	Jaw
00617-090	90027-213U	3	Jaw
00617-110	90027-287U	3	Jaw
00617-125	90027-3751U	3	Jaw
00617-140	90027-425U	3	Jaw
00617-160	90027-450U	3	Jaw
00621-040	90027-100	2	Jaw
00621-063	90027-175U	2	Jaw
00621-075	90027-213U	3	Jaw
00621-090	90027-250U	3	Jaw
00621-110	90027-250U	3	Jaw
00621-125	90027-300	4	Jaw
00621-140	90027-400	4	Jaw
00621-160	90027-413	4	Jaw
00621-180	90027-475	4	Jaw
00621-200	90027-5001	2	Jaw
	90027-5871V	1	Jaw
00651-040	90027-087U	2	Jaw
	90027-1751	1	Body
	90027-137	2	Shaft
00651-050	90027-118U	2	Jaw
	90027-2131	1	Body
	90027-137	2	Shaft
00651-063	90027-138U	2	Jaw
	90027-275U	1	Body
	90027-156	2	Shaft
00651-075	90027-175U	3	Jaw
	90027-3251	1	Body
	90027-156	2	Shaft
00651-090	90027-213U	3	Jaw
	90027-387	1	Body
	90027-156	2	Shaft
00651-110	90027-287U	3	Jaw
	90027-462	1	Body
	90027-218	2	Shaft
00651-125	90027-325U	3	Jaw
	90027-525	1	Body
	90027-218	2	Shaft
00651-140	90027-3751U	3	Jaw
	90027-575	1	Body
	90027-218	2	Shaft
00651-160	90027-425U	3	Jaw
	90027-675	1	Body
	90027-268	2	Shaft

Note: DCD O-Rings are typically made from Nitrile, but part numbers marked with a "U" at the end are made from Urethane and those with a "V" at the end are made from Viton.

## Spiral Duct Brush

Flat steel bristles spiralled onto heavy duty wire spindle with a pulling eye on one end only. This product will quickly remove grit or light dirt within the duct before installing your cable.



Part No.	Nominal Duct Size	Actual Outside Diameter	Weight
08000-125	1-1/4"	1-1/4"	0.39 lb
08000-150	1-1/2"	1-1/2"	0.41 lb
08000-200	2"	1-7/8"	0.42 lb
08000-250	2-1/2"	2-1/4"	0.67 lb
08000-300	3"	2-3/4"	0.71 lb
08000-350	3-1/2"	3-1/4"	0.75 lb
08000-400	4"	3-5/8"	0.79 lb
08000-500	5"	4-3/8"	0.85 lb
08000-600	6"	5-1/4"	0.92 lb

## Heavy Duty Duct Brush

These heavy duty wire brushes are fitted with a pulling eye on each end so the brush can be pulled back and forth for those extra tough cleaning jobs.



Part No.	Nominal Duct Size	Actual Outside Diameter	Weight
08100-125	1-1/4"	1-1/4"	0.69 lb
08100-150	1-1/2"	1-1/2"	0.74 lb
08100-200	2"	1-7/8"	0.77 lb
08100-250	2-1/2"	2-1/4"	1.21 lb
08100-300	3"	2-3/4"	1.25 lb
08100-350	3-1/2"	3-1/4"	1.39 lb
08100-400	4"	3-5/8"	1.37 lb
08100-500	5"	4-3/8"	1.55 lb
08100-600	6"	5-1/4"	1.82 lb

## Test Slug

These Test Slugs are simple aluminum mandrels designed to be pulled through the duct to test for out of roundness. The slug diameters will fill approximately 70% of Schedule 40 ducting and 80% of Schedule 80 ducting. The ends are rounded for convenient pulling in either direction.



Part No.	Nominal Duct Size	Body Diameter	Body Length	3:1 Safe Working Load	Weight
08450-150	1-1/2"	1.33"	1.68"	2,300 lb	0.4 lb
08450-200	2"	1.73"	2.37"	2,300 lb	0.7 lb
08450-250	2-1/2"	2.06"	2.94"	2,300 lb	1.1 lb
08450-300	3"	2.60"	3.50"	2,300 lb	1.6 lb
08450-350	3-1/2"	2.96"	4.06"	4,800 lb	2.7 lb
08450-400	4"	3.42"	4.81"	4,800 lb	4.1 lb
08450-500	5"	4.30"	5.94"	4,800 lb	7.1 lb
08450-600	6"	5.15"	7.06"	4,800 lb	11.5 lb

## Steel Duct Checker™

The Steel Duct Checker™ is designed to ensure the duct bore is clear before installing the cable or other utility. Following initial installation of the ducting, it is often a requirement that certain sized mandrels be pulled through the ducting to ensure that there has been no collapse or obstruction in the duct.

The steel discs are tumbled to ensure no burrs and spacers ensure easy bending around corners. The wire rope running through the mandrel is high quality galvanized wire.

Check the inside diameter of the ducting before selecting the product from the chart below.



Part No.	Nominal Duct Size	Maximum Disc Diameter	3:1 Safe Working Load	Weight
08400-200	2"	1.69"	4,800 lb	3.53 lb
08400-300	3"	2.65"	4,800 lb	5.56 lb
08400-400	4"	3.57"	4,800 lb	10.2 lb
08400-500	5"	4.56"	4,800 lb	17.2 lb
08400-600	6"	5.51"	4,800 lb	25.9 lb
08400-800	8"	7.26"	4,800 lb	45.5 lb

## Poly Duct Checker™

The Poly Duct Checker™ is designed to ensure the duct bore is clear before installing the cable or other utility. Following initial installation of the ducting, it is often found that debris or partial collapse of the duct will impede installation of the cable.

The discs are manufactured from high density polyurethane giving them the toughness to clear the duct without scraping or scratching the bore walls. The discs are spaced with gaps to allow passage through tight bends. The wire rope running through the mandrel is high quality, galvanized wire.

Check the inside diameter of the ducting before selecting the product from the chart below.



Part No.	Nominal Duct Size	Maximum Disc Diameter	Minimum Bend Radius	Length	3:1 Safe Working Load	Ultimate Load	Weight
08500-125	1-1/4"	1.19"	2"	15"	1,400 lb	4,200 lb	0.42 lb
08500-150	1-1/2"	1.44"	1-5/8"	15"	1,400 lb	4,200 lb	0.50 lb
08500-200	2"	1.88"	2-3/4"	17-7/8"	2,300 lb	6,900 lb	0.90 lb
08500-250	2-1/2"	2.19"	3-5/8"	17-7/8"	2,300 lb	6,900 lb	1.04 lb
08500-300	3"	2.81"	2-3/4"	17-7/8"	2,300 lb	6,900 lb	1.46 lb
08500-350	3-1/2"	3.25"	4-1/4"	20-1/2"	4,800 lb	14,400 lb	2.57 lb
08500-400	4"	3.75"	3"	22"	4,800 lb	14,400 lb	3.45 lb
08500-500	5"	4.69"	3-3/4"	22-1/2"	4,800 lb	14,400 lb	4.71 lb
08500-680	6" Schedule 80	5.50"	5-1/4"	22-1/2"	4,800 lb	14,400 lb	6.24 lb
08500-640	6" Schedule 40	5.81"	5-1/4"	22-1/2"	4,800 lb	14,400 lb	7.16 lb
08500-880	8" Schedule 80	6.86"	5-1/2" est.	22-1/2"	4,800 lb	14,400 lb	9.30 lb
08500-840	8" Schedule 40	7.40"	5-1/2" est.	22-1/2"	4,800 lb	14,400 lb	11.00 lb