



UNDERGROUND & OVERHEAD CONSTRUCTION • HORIZONTAL DIRECTIONAL DRILLING • LINE MAINTENANCE

TOOLS & EQUIPMENT

CATALOG

LINE BLOWING



THE RIGHT PRODUCTS, THE RIGHT SERVICE

The Biggest Range of Wire Pulling Accessories and Drilling Fluid Additives

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POWER DART® BLOWER



The Power Dart® Blower is a pneumatic rodding system especially suited for long duct runs. A three-motor system allows you to choose the right speed for your needs. With all three motors engaged, the Power Dart® Blower will deliver up to 300 cfm (8.5 m³/min) of air at 3 psi (.2 bar) max. Pressure easily blowing 1/2" poly line or measuring tape over 2,000 feet in conduit up to 6" in diameter. Weighs only 31 pounds (14 kg) and operates at 110 Volts. 110 Volt Model includes a 30 amp twist plug. Requires a 3,000 Watt Generator.

*Requires 110v/220v AC Power or 3,000 Watt Generator.
Comes w/30 Amp Twist Plug installed.

Part No.	Description	Weight (lb)
08030003	110v Power Dart Blower (includes, Hose, Seal-Off Handle & Seal-Offs for 1/2" - 6" Conduit. Carriers not included)	31 lb
08030004	220/240v Power Dart Blower (includes Hose, Seal-Off Handle & Seal-Offs for 1/2" - 6" Conduit. Carriers not included)	31 lb
08030060	Power Dart Blower Accessory Bag (Canvas bag holds, Power Dart Hose, inner Bag Holds Line Carriers, Foam Carriers & Seal-Off Body & Seal-Offs)	2 lb
*08030011	Power Dart Blower Carrier Kit (See Below)	15 lb

*POWER DART BLOWER CARRIER KIT

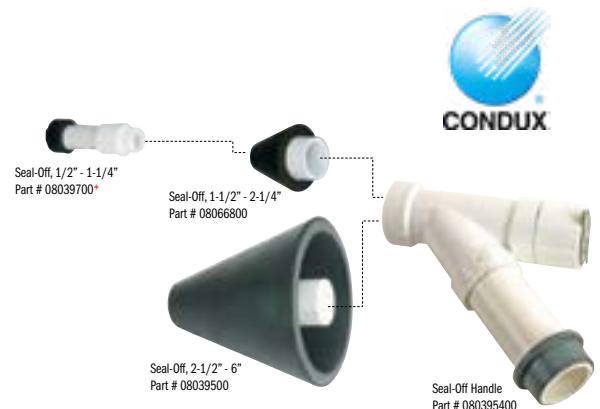
Part No. 08030011

Part No.	Description	Qty.
08067900	2" Line Carrier	2
08030300	4" Line Carrier	1
08031820	2" Duct Projectile	2
08031840	4" Duct Projectile	1
08033532	Carrier, Chute 2" Nylon	1
08033548	Carrier, chute 3" Nylon	1
08033564	Carrier, Chute 4" Nylon	1
08039400	Seal-Off Body Handle	1
08066800	Power Dart Seal-Off 1-1/2" - 2-1/2"	1
08039500	Power Dart Seal-Off 2-1/2" - 6"	1



REPLACEMENT ACCESSORIES

Part No.	Description	Duct Size (in)
08039700	Power Dart Blower Seal-Off (Requires Part Number 08066800)	1/2" - 1-1/4"
08066800	Power Dart Blower Seal-Off	1-1/2" - 2-1/2"
08039500	Power Dart Blower Seal-Off	2-1/2" - 6"
08039400	Power Dart Blower Seal-Off Handle	1/2" - 6"
08039300	Power Dart Blower Hose (25' x 2-1/2" Heavy Duty Hose)	
08039301	Replacement Hose End Fittings	
08039302	Outlet Fitting on the Power Dart Blower Box	



SERIES 58400

Power Blower



Our Power Blower has been recently redesigned. The new unit provides upgrades in performance and efficiency. With an impressive and reliable 110VAC power source, the Power Blower now runs with a 3-stage motor with 5psi and a 95 cfm (Cubic Feet per Minute) flow rate. Because our standard line blowing hose still fits this upgraded model, the new Blower is still compatible with other DCD Line Blowing Products.

Part No.	Description	Weight (lb)
58400-000	Power Blower 110v	20.8 lb
58400-110	Power Blower with 15' Hose (2" Dia.) and Seal-Offs for 1/2" to 6" duct	26.8 lb
58400-200	Power Blower (58400-000) with Voltage Converter (58400-201)	74.7 lb
58400-201	Voltage Converter to convert 220v power to 110v	58.0 lb
58400-220	Power Blower (58400-000) with Voltage Converter (58400-201), 15' Hose (2" Dia.), and Seal Offs for 1/2" to 6" Duct	94.8 lb
58400-025	25' Optional Hose (2" Dia.)	10.5 lb

SERIES 58410

Hose & Seal-Offs

The 3 Seal Off sizes are designed to cover all duct sizes from 1/2" to 6". Each of the units will attach directly onto the Seal-Off Body which, in turn, attaches onto the Hose Assembly. The Hose Assembly is made from crush-proof 2" hose and is 25 ft in length. At the end where the Seal-Off Body attaches, there is a swivel connector allowing the body to be turned in any direction.



Part No.	Description	Weight (lb)
58410-015	Hose Assembly - 2" dia. x 15' L	7.10 lb
58410-025	Hose Assembly - 2" dia x 25' L	10.50 lb
58410-100	Carrying Bag for House	1.93 lb
*58420-010	Seal-Off Adapter - 1/2" to 1-1/2"	0.36 lb
*58420-020	Seal-Off Adapter - 1-1/2" to 3"	0.72 lb
*58420-030	Seal-Off Adapter - 2-1/2" to 6"	2.01 lb
*58420-040	Seal-Off Body	1.46 lb
58420-000	*Kit - includes above parts marked	4.55 lb

FOAM CARRIERS

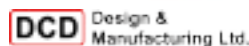


Lightweight carrier easily blows through duct. Best suited for short runs and runs with multiple bends.

Part No.	Duct Size (in)	Max O.D. (in)
08078200	1/2"	.50
08078300	3/4"	.75
08032200	1"	1.00
08032300	1-1/4"	1.25
08039800	1-1/2"	1.50
08032400	2"	2.00
08078400	2-1/2"	2.50
08032500	3"	3.00
08032100	3-1/2"	3.50
08032600	4"	4.00
08059100	5"	5.00
08059200	6"	6.00

SERIES 58300

Foam Birds



DCD Foam Birds are one of the more common ways to carry pull tapes through empty ducting. The product can also be used to spread lubricant through the duct before pulling cable. Sizes are standard and will fit duct sizes 2" through 6".

Part No.	Nominal Duct Size (in)	Weight (lb)
*58230-200	2"	0.06 lb
*58230-250	2-1/2"	0.06 lb
*58230-300	3"	0.09 lb
58230-350	3-1/2"	0.12 lb
*58230-400	4"	0.14 lb
58230-500	5"	0.27 lb
*58230-600	6"	0.39 lb
58230-KT1	*Kit includes above parts marked	0.74 lb

LINE CARRIERS

Fast efficient plastic carriers for fishing with high-speed blowers even in out-of-round duct. Carrier will travel over minor obstructions in duct.



Part No.	Duct Size (in)	Max O.D. (in)
08067900	2"	2.06"
08030100	3"	3.06"
08030200	3-1/2"	3.56"
08030300	4"	4.06"
08030400	5"	5.06"
08030500	6"	6.06"

SERIES 58300

Line Darts



DCD Design & Manufacturing Ltd.

DCD Line Darts are unique for several reasons. The color coded cones match the seal kits (series 58200). The edges of the cones are tapered to allow better flexing when required to go around bends etc. The thin edges will also flare out to give better sealing and faster blowing once under pressure. Spare cones are available and replacement is simple.

Part No.	Nominal Duct Size (in)	Length (in)	Weight (lb)	Spare Cones
58300-100	1"	2-5/8"	0.04 lb	58350-100
58300-125	1-1/4"	3-1/16"	0.06 lb	58350-125
58300-150	1-1/2"	3-1/2"	0.07 lb	58350-150
*58300-200	2"	5"	0.17 lb	58350-200
*58300-250	2-1/2"	5-1/4"	0.18 lb	58350-250
*58300-300	3"	5-5/8"	0.27 lb	58350-300
*58300-400	4"	7-1/8"	0.39 lb	58350-400
58300-500	5"	8-3/8"	0.75 lb	58350-500
*58300-600	6"	9-1/4"	0.94 lb	58350-600
58300-800	8"	10-31/32"	1.76 lb	58350-800
58300-1100	11"	14-21/32"	4.04 lb	58350-1100
58300-KT1	*Kit - includes above parts marked	-	6.00 lb	-

DUCT PROJECTILE

Flexible rubber cones are durable for many repeated uses. Fast and efficient for long runs with easy pull-back.



Original Equipment Replacement Cones

Part No.	Duct Size (in)	Max O.D. (in)
08031812	1-1/4"	1.25"
08031814	1-3/8"	1.37"
08031815	1-1/2"	1.50"
08031816	1-5/8"	1.62"
08031820	2"	2.00"
08031822	2-1/4"	2.20"
08031825	2-1/2"	2.50"
08031830	3"	3.00"
08031835	3-1/2"	3.50"
08031840	4"	4.00"
08031844	4-1/4"	4.25"
08031846	4-1/2"	4.51"
08031850	5"	5.00"
08031860	6"	6.00"
08031880	8"	8.00"

SERIES 58300

Ultra Light Birds



Ultra-Light birds are unique to DCD. They are made out of polyurethane and, as the name implies, are about half the weight of the regular Line Darts. The cones are very tough yet extremely thin – so, that they can be easily inverted in the event that the dart gets stuck and it is necessary to pull them back out.

Part No.	Nominal Duct Size (in)	Weight (lb)
*58320-200	2"	0.04 lb
*58320-250	2-1/2"	0.04 lb
*58320-300	3"	0.08 lb
58320-350	3-1/2"	0.11 lb
*58320-400	4"	0.14 lb
58320-500	5"	0.19 lb
*58320-600	6"	0.34 lb
58320-KT1	*Kit includes above parts marked	1.02 lb

SERIES 58330

Inflatable Birds



Although many companies offer this inflatable style of bird, the DCD units are stitched for greater strength. The purpose of the inflatable is to blow through ducting already containing cable.

Part No.	Nominal Duct Size (in)	Weight (lb)
*58330-75	3/4" to 1-1/4"	0.01 lb
*58330-150	1-1/2" to 2-1/2"	0.03 lb
*58330-300	3" to 4"	0.06 lb
58330-500	5" to 6"	0.07 lb
58330-KT1	*Kit includes above parts	0.62 lb

SERIES 58340

Parachute Dart



Also known in the industry as a Triple Shuttle, this device is intended to be blown through a duct with compressed air and pull tape or rope which is attached to the rear eye of the dart. Similar to the line darts and ultralight birds, the fabric is flexible, allowing it to flex when going around bends.

It consists of three synthetic fabric parachutes attached to our tried and tested flexible fiberglass rod. The use of three parachutes provides the best reliability in catching air and pulling the tape down the conduit.

Part No.	Nominal Duct Size	A	B	C	D	Weight
58340-200	1" - 2"	19-1/2"	R 9/32"	0.325"	1-1/8"	0.09 lb
58340-400	2-1/2" - 4"	29-1/2"	R 9/32"	0.325"	2-1/4"	0.13 lb
58340-600	4-1/4" - 6"	37-1/2"	R 9/32"	0.325"	4-1/4"	0.15 lb

LOW PSI SHUTTLES (rated for 3 psi)

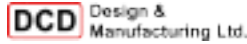
These unique, flexible shuttles are available in tripe parachute configurations, making rope, pull tape and fiber optic cable installation in occupied duct a breeze. These shuttles can be used on their own or in series allowing for up to six parachutes to capture the air within the conduit, which can help increase installation distances. The parachutes collapse without constant air pressure allowing for easy pullback.

Part No.	Duct Size
08761868	1.00"-1.25" (25-32 mm)
08761869	1.50"-2.00" (38-50 mm)



SERIES 58335

Parachute Birds



With a large open mouth, these Parachutes are able to grab all the air blown into the duct and will travel faster and further than any other model. They can also be used in occupied duct.

Part No.	Nominal Duct Size (in)	Color Code	Weight (lb)
*58335-100	1" to 2"	Red	0.04 lb
*58335-200	2" to 3"	Blue	0.15 lb
*58335-300	3" to 4"	Brown	0.12 lb
58335-400	4" to 6"	Green	0.15 lb
58335-KT1	*Kit includes above parts		0.89 lb

CABLE CHUTE LINE CARRIERS

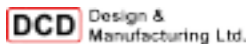


Condux Cable Chute Line Carriers are designed to pass through conduit without damaging the conduit or existing cable. To use a Cable Chute Line Carrier you would tie a line or webbing to a Chute, insert the Chute into the Conduit or duct, and blow compressed air propelling the Chute to the end of the duct.

All Cable Chute Line Carriers are made with the highest quality fabrics (nylon or leather) and attention to detail. All products are hand made and go through a series of quality checks prior to being shipped out..

Part No.	Description	Duct Size (in)	Material
08033512	Carrier, Chute	0.75"	Nylon
08033516	Carrier, Chute	1.00"	Nylon
08033520	Carrier, Chute	1.25"	Nylon
08033524	Carrier, Chute	1.50"	Nylon
08033532	Carrier, Chute	2.00"	Nylon
08033548	Carrier, Chute	3.00"	Nylon
08033564	Carrier, Chute	4.00"	Nylon
08033580	Carrier, Chute	5.00"	Nylon
08033596	Carrier, Chute	6.00"	Nylon
08033648	Carrier, Chute w/Spring	3.00"	Nylon
08033664	Carrier, Chute w/Spring	4.00"	Nylon
08033680	Carrier, Chute w/Spring	5.00"	Nylon
08033696	Carrier, Chute w/Spring	6.00"	Nylon
08033732	Carrier, Chute	2.00"	Leather
08033748	Carrier, Chute	3.00"	Leather
08033764	Carrier, Chute	4.00"	Leather
08033796	Carrier, Chute	6.00"	Leather

CONTROL VALVE ADAPTER



The Control Valve Adapter allows connection of the Control Valve to the 58420 Seal Off Adapters.



Part No.	Description	Weight (lb)
58000-100	Control Valve Adapter	4.0 lb

ROPE ADAPTER KIT

The interchangeable Rope Adapters for the Seal-Off Control Body allow larger strings and tapes to be utilized while minimizing back pressure air loss. Individual adapters are available in 3/16" (5 mm), 1/4" (6 mm) and 3/8" (10 mm) or they can be purchased as a kit - one of each.



Part No.	Description
08032181	Adapter Kit for Conduit Seal-Offs
08032190	3/16" Rope Adapter
08032191	1/4" Rope Adapter
08032170	3/8" Rope Adapter



SERIES 58100

Inner-duct Seals



DCD offers two types of seals. The inner-duct Seal is a screw-in type that requires one product for each duct size. The second type is a Universal Seal which is a tapered product suitable for all duct sizes from 1" to 2". This is for use on short distance blowing where simply holding the seal against the end of the duct will do the job and save time.



Part No.	Description	Nominal Duct Size (in)	Weight (lb)
58100-000	Universal Seal	1" to 2"	1.50 lb
58100-100	Inner-duct Seal	1"	1.40 lb
58100-125	Inner-duct Seal	1-1/4"	2.20 lb
58100-150	Inner-duct Seal	1-1/2"	3.02 lb
58100-200	Inner-duct Seal	2"	3.96 lb
58100-000	Universal Kit with Control Valve, 4 inner-duct Seals, and 1 Universal Seal	1" to 2"	18.0 lb

INDIVIDUAL INNERDUCT SEAL-OFFS

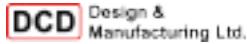
The Innerduct Seal-Offs fit the Seal-Off Control Body and thread into Innerduct. See available sizes below.



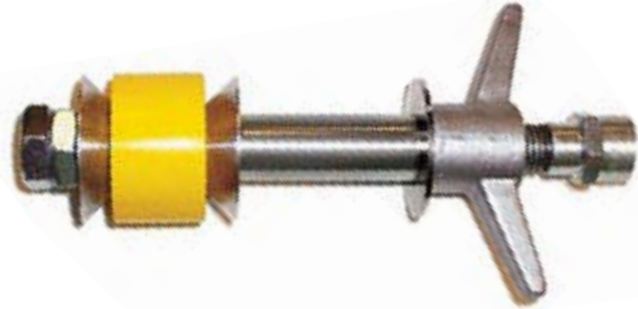
Part No.	Description	Nominal Duct Size (in)	Innerduct I.D. Range
08034321	3/4" Quick Connect Innerduct Seal-Off	3/4"	.72 - .94
08034315	1" Quick Innerduct Seal-Off	1"	.93 - 1.19
08034316	1-1/4" Quick Innerduct Seal-Off	1-1/4"	1.18 - 1.44
08034317	1-1/2" Quick Innerduct Seal-Off	1-1/2"	1.31 - 1.69
08034318	2" Quick Innerduct Seal-Off	2"	1.93 - 2.31

SERIES 58200

Seal Off



Duct Seals are unique for several reasons. The expandable seals are color coded for easy recognition. They are made from a specially formulated polyurethane designed to give maximum sealing and expansion properties. While a single seal is difficult to align properly, a double seal is expensive. The DCD unit has a single seal, but supports it with an alignment washer. Economical but effective.



Part No.	Description	Nominal Duct Size (in)	Minimum Duct Inside Diameter (in)	Maximum Duct Inside Diameter (in)	Color Code	Maximum Tested Pressure	Weight (lb)
58200-000	Handle Assembly	-	-	-	-	-	3.00 lb
58200-200	Duct Seal Kit	2"	1-13/16"	2-5/16"	Green	40 psi	0.23 lb
58200-250	Duct Seal Kit	2-1/2"	2-3/16"	2-3/4"	Red	35 psi	0.45 lb
58200-300	Duct Seal Kit	3"	2-13/16"	3-3/8"	Yellow	30 psi	0.95 lb
58200-350	Duct Seal Kit	3-1/2"	3-1/4"	3-13/16"	White	25 psi	1.23 lb
58200-400	Duct Seal Kit	4"	3-5/8"	4-1/4"	Blue	20 psi	1.59 lb
58200-500	Duct Seal Kit	5"	4-1/2"	5-1/8"	Orange	15 psi	2.67 lb
58200-600	Duct Seal Kit	6"	5-3/8"	6-1/16"	Black	10 psi	3.81 lb
58200-800	Duct Seal Kit	8"	7-5/8"	8"	Red	10 psi	9.40 lb

Note: Handle Assembly and one Duct Kit are required to properly use this product.

INDIVIDUAL CONDUIT SEAL-OFFS

The Conduit Seal-Offs fit the Seal-Off Control Body and accommodates larger conduit.

Part No.	Description	Nominal Duct Size (in)	Duct I.D. Range
08032900	2" Quick Conduit Seal-Off	2"	1.93 - 2.36
08032905	2-1/2" Quick Conduit Seal-Off	2-1/2"	2.40 - 2.76
08032910	3" Quick Conduit Seal-Off	3"	2.87 - 3.31
08032915	3-1/2" Quick Conduit Seal-Off	3-1/2"	3.50 - 3.75
08032920	4" Quick Conduit Seal-Off	4"	3.54 - 4.25
08032925	5" Quick Conduit Seal-Off	5"	4.72 - 5.37
08032930	6" Quick Conduit Seal-Off	6"	5.50 - 6.29
08032935	8" Quick Conduit Seal-Off	8"	7.83 - 8.27
08032179	Replacement Handle		

! 15 PSI Max Pressure!



INDIVIDUAL DOUBLE SEAL-OFFS

The Conduit Seal-Offs fit the Seal-Off Control Body and accommodate larger pipes.

Part No.	Description	Nominal Duct Size (in)	Duct I.D. Range
08032940	2" Quick Double Seal-Off	2"	1.93 - 2.36
08032945	2-1/2" Quick Double Seal-Off	2-1/2"	2.40 - 2.76
08032950	3" Quick Double Seal-Off	3"	2.87 - 3.31
08032955	3-1/2" Quick Double Seal-Off	3-1/2"	3.50 - 3.75
08032960	4" Quick Double Seal-Off	4"	3.54 - 4.25
08032965	5" Quick Double Seal-Off	5"	4.72 - 5.37
08032970	6" Quick Double Seal-Off	6"	5.50 - 6.29
08032975	8" Quick Double Seal-Off	8"	7.83 - 8.27
08032179	Replacement Handle		

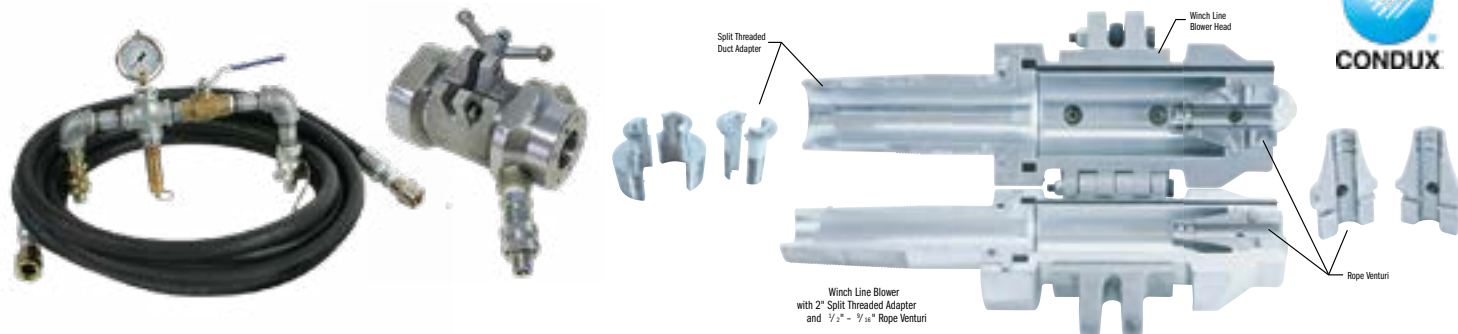
! 15 PSI Max Pressure!



LINE BLOWING

The Condux Winch Line Blower is a tool for installing winch line, rope or pull tape into conduit. It turns the job of placing winch line into one easy step, eliminating the need to blow a string and pull back a rope. Using compressed air, 90 psi (6.2 bar) and 100 cfm (2.8 cmm), the winch line blower can propel steel winch line, rope or tape in conduit from 1" to 6" in diameter.

WINCH LINE BLOWER



Split threaded Adapter P/N	Duct Size (in)	Duct I.D. Range	Rope Venturi			Conduit Carrier
			1/4" - 3/8"	1/2" - 9/16"	7/8"	
08201108	.75"	.083" - .93"	08201089	08201086	08201090	Call
08201110	1"	0.90" - 1.113"	08201089	08201086	08201090	Call
08201112	1.25"	1.25" - 1.40"	08201089	08201086	08201090	Call
08201115	1.5"	1.40" - 1.65"	08201089	08201086	08201090	Call
08201020	2"	1.91" - 2.10"	08201089	08201086	08201090	Call
08201025	2.5"	2.29" - 2.47"	08201089	08201086	08201090	Call
08201030	3"	2.83" - 3.10"	08201089	08201086	08201090	Call
08201035	3.5"	3.25" - 3.60"	08201089	08201086	08201090	Call
08201041	4"	3.80" - 4.06"	08201089	08201086	08201090	Call
08201045	4.5"	4.20" - 4.70"	08201089	08201086	08201090	Call
08201051	5"	4.71" - 5.08"	08201089	08201086	08201090	Call
08201061	6"	5.61" - 6.10"	08201089	08201086	08201090	Call

LINE BLOWING WINCH



Part No.	Description
08201080	Winch Line Body Assembly 2" - 6" (body includes 1/2" - 9/16" venturi set)

VENTURIS



Part No.	Description
08201089	Venturi, Winch Line 1/4" - 3/8" set
*08201086	Venturi, Winch Line 1/2" - 9/16" set
08201090	Venturi, Winch Line 7/8" set

*Comes standard with Winch Line Body

PLUG



Part No.	Description
08708223	Venturi Plug (Used to seal off back of Winch Line Blower to blow in pull tape or pea line)

HOSE & VALVE



Part No.	Description
08201015	Hose Valve Assembly

ADAPTERS



! NOT FOR USE IN STEEL CONDUIT

Description	Description
08201108	Winch Line Duct Adapter .75"
08201110	Winch Line Duct Adapter 1"
08201112	Winch Line Duct Adapter 1.25"
08201115	Winch Line Duct Adapter 1.5"
08201020	Winch Line Duct Adapter 2"
08201025	Winch Line Duct Adapter 2.5"
08201030	Winch Line Duct Adapter 3"
08201035	Winch Line Duct Adapter 3.5"
08201041	Winch Line Duct Adapter 4"
08201045	Winch Line Duct Adapter 4.5"
08201051	Winch Line Duct Adapter 5"
08201061	Winch Line Duct Adapter 6"

CARRIERS

Description	Description	Carrier O.D.
08202020	Carrier, Winch Line 2" SCH40 & 80, TC6	2.05"
08202520	Carrier, Winch Line 2.5" SCH40 & 80	2.50"
08202920	Carrier, Winch Line 3" SCH40 & 80	3.13"
08203020	Carrier, Winch Line 3" SCH40, TC6 & 8	3.50"
08203420	Carrier, Winch Line 3.5" SCH40 & 80	3.75"
08203520	Carrier, Winch Line 3.5" TC6 & 8	4.00"
08203920	Carrier, Winch Line 4" SCH40 & 80, TEL	4.25"
08204020	Carrier, Winch Line 4" SCH40, TEL	4.50"
08204920	Carrier, Winch Line 5" SCH40 & 80	5.25"
08205020	Carrier, Winch Line 5" SCH40, TC6 & 8	5.50"
08205920	Carrier, Winch Line 6" SCH40 & 80	6.25"
08206020	Carrier, Winch Line 6" SCH40, TC6 & 8	6.50"



! NOT FOR USE IN STEEL CONDUIT

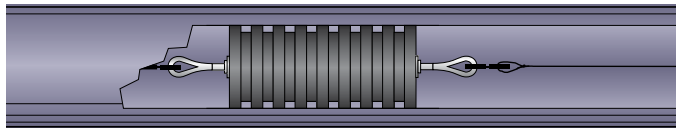
STORAGE CASE

Part No.	Description
08201093	Storage Case



RUBBER DUCT SWAB

Ideal for cleaning and assisting in the spreading of lubricant throughout the duct. 7,000 lbs. (31,136 N) load capacity.



Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)
*08028820	2"	10"	2.00"
08028330	3"	10"	3.00"
08028700	3-1/2"	10"	3.50"
08028800	4"	10"	4.00"
08058700	5"	10"	5.00"
08058800	6"	10"	6.00"
08022880	8"	10"	8.00"

*4,500 lbs. (20,016 N) load capacity.

SHORT RUBBER SLUG

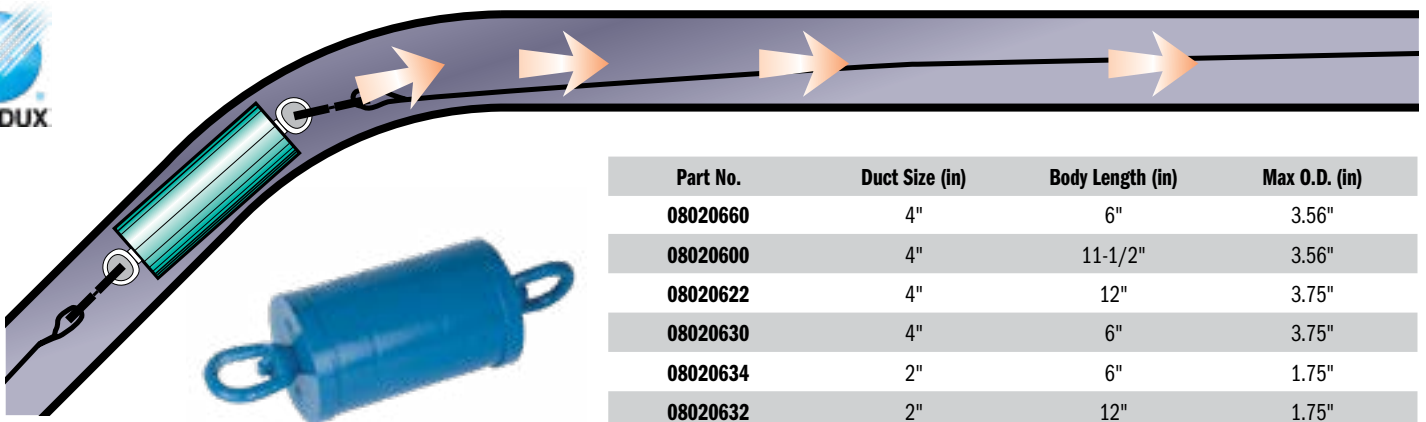
For proving duct integrity and for spreading cable pulling lubricant especially in tight-radius bends. 4,500 lbs. (20,016 N) load capacity.



Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)
08082020	2"	3.25"	2.00"
08082025	2-1/2"	3.25"	2.50"
08082030	3"	3.25"	3.00"
08082035	3-1/2"	3.25"	3.50"
08082040	4"	3.25"	4.00"
08082050	5"	3.25"	5.00"
08082060	6"	3.25"	6.00"
08082080	8"	3.25"	8.00"

WOOD TEST MANDRELS

Pull through duct to prove joint integrity and test for out-of-round duct. 2,240 lbs. (9,964 N) load capacity. Wood body with steel end caps and pulling eyes.



Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)
08020660	4"	6"	3.56"
08020600	4"	11-1/2"	3.56"
08020622	4"	12"	3.75"
08020630	4"	6"	3.75"
08020634	2"	6"	1.75"
08020632	2"	12"	1.75"

TEST SLUG

SERIES 08450

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.

DCD Design & Manufacturing Ltd.



Part No.	Nominal Duct Size (in)	Body Diameter (in)	Body Length (in)	3:1 Safe Working Load (in)	Weight (lb)
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

ALUMINUM TEST MANDRELS

Pull through duct to prove joint integrity and test for out-of-round duct.

Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)	Load Capacity
08059515	1-1/2"	1.74"	1.18"	2,200 lb
08059520	2"	2.40"	1.58"	2,200 lb
08059525	2-1/2"	2.98"	1.95"	2,200 lb
08059530	3"	3.54"	2.33"	2,200 lb
08059535	3-1/2"	4.10"	2.70"	4,500 lb
08059540	4"	4.84"	3.20"	4,500 lb
08059550	5"	5.98"	3.95"	4,500 lb
08059560	6"	7.08"	4.70"	4,500 lb
08059580	8"	9.44"	6.38"	4,500 lb



ALUMINUM TEST SLUG

Pull through duct to prove joint integrity and test for out-of-round duct.

Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)	Load Capacity
08059005	1"	1.71"	0.860"	2,200 lb
08059015	1-1/4"	2.17"	1.086"	2,200 lb
08059025	1-1/2"	2.49"	1.243"	2,200 lb



STEEL DUCT CHECKER SERIES 08400

DCD Design & Manufacturing Ltd.



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.

Part No.	Nominal Duct Size (in)	Body Diameter (in)	3:1 Safe Working Load (in)	Weight (lb)
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 SERIES 08500

DCD Design & Manufacturing Ltd.



The Poly Duct Checker™ is designed to ensure the duct bore is clear before installing the cable or other utility.

Part No.	Nominal Duct Size (in)	Maximum Disc Diameter (in)	Maximum Bend Radius (in)	Length (in)	3:1 Safe Working Load	Ultimate Load	Weight (lb)
08500-125	1-1/4"	1.19"	2"	15"	1,400 lb	4,200 lb	.42 lb
08500-150	1-1/2"	1.44"	1-5/8"	15"	1,400 lb	4,200 lb	.50 lb
08500-200	2"	1.88"	2-3/4"	17-7/8"	2,300 lb	6,900 lb	.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	14,400 lb	1.46 lb
08500-350	3-1/2"	3.25"	4-3/4"	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

Steel discs in graduated sizes make this mandrel ideal for removing obstructions in duct with extreme bends. 7,000 lbs. (31,136 N) load capacity.



BRUSH MANDREL

Flat steel bristles with a pulling eye on one end and a loop on the other end. Easily removes sand, grit and other light obstructions from the duct. 800 lbs. (3,558 N) load capacity.



Part No.	Duct Size (in)	Body Length (in)	Overall Length (in)	Max O.D. (in)
08028904	1-1/4"	4.25"	7.50"	1.00"
08028905	1-1/2"	4.25"	7.50"	1.25"
08028900	2"	4.25"	9.16"	1.75"
08046600	2-1/2"	5.50"	9.16"	2.25"
08067100	3"	5.50"	9.16"	2.75"
08067200	3-1/2"	5.00"	9.16"	3.25"
08029000	4"	6.75"	9.16"	3.75"
08029100	5"	6.50"	9.16"	4.75"
08068100	6"	6.75"	9.16"	5.75"
08029080	8"	4.74"	9.73"	7.75"

HEAVY DUTY WIRE BRUSH MANDREL

Heavy-duty steel bristles with pulling eyes on each end. For removing obstructions from the duct.



Part No.	Duct Size (in)	Body Length (in)	Max O.D. (in)	Load (lb)
08900546	2"	3.50"	1.75"	1,240 lb
08900547	2-1/2"	4.25"	2.25"	1,240 lb
08900548	3"	5.25"	2.75"	1,240 lb
08900549	3-1/2"	5.25"	3.25"	2,240 lb
08900550	4"	5.25"	3.75"	2,240 lb
08900551	5"	5.00"	4.75"	2,240 lb
08900552	6"	5.00"	5.75"	2,240 lb
08900553	8"	5.00"	7.75"	2,240 lb

SPIRAL DUCT BRUSH

SERIES 08000

Flat steel bristles spiraled 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.



DCD Design & Manufacturing Ltd.

Part No.	Nominal Duct Size (in)	Actual Outside Diameter (in)	Weight (lb)
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"	0.39 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

SERIES 08100

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 (in)	Actual Outside Diameter (in)	Weight (lb)
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



Stocking Locations

1300 National Ave Unit B
Addison, IL 60101

1440 Kings HWY
Haddon Heights, NJ 08035

888-206-3044

sales@builditright.us

www.builditright.us