

## Using a Sonde with DCD Duct Rod

All DCD Duct Rod comes with a Male fitting on the end of the rod.

Product numbers that end with "X" come without the bag of accessories.

Product numbers that do not have an "X" at the end, come with the bag of accessories.

**DCD DUCT ROD Sizes 1/4" 5/16" 3/8" 7/16" & 1/2" dia.**

**DCD DETECTABLE DUCT ROD Sizes 5/16" & 7/16" dia.**

DCD Detectable Duct Rodders are available in 5/16" and 7/16" diameter rods. They are available in the same lengths as the regular rodders 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. Both sizes of rod have #22 Ga. copper wire down the center of the fiberglass core.

It is recommended that a Roller Guide ([Series 57150](#)) always 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 Stainless Steel adapters with a 1/4" NC male thread for attaching a Sonde unit to the Swivel Rod End. **Caution should be exercised when ordering long lengths since the signal diminishes with length traveled.**

### DUCT ROD THREAD CONNECTION SIZES:

- 1/4" diameter rod uses 5/16" fittings
- 5/16" diameter rod uses 5/16" fittings
- 3/8" diameter rod uses 3/8" fittings
- 7/16" diameter rod uses 3/8" fittings
- 1/2" diameter rod uses 3/8" fittings

### SONDE ACCESSORIES:

|   |           |
|---|-----------|
| SONDE ADAPTER - 5/16" NC TO 1/4" NC         | 57170-002 |
| FLEXIBLE SONDE ADAPTOR - 5/16"NC TO 1/4" NC | 57170-003 |
| SONDE ADAPTER - 3/8" NC TO 1/4" NC          | 57170-004 |
| FLEXIBLE SONDE ADAPTOR - 3/8"NC TO 1/4"NC   | 57170-005 |
| FLEXIBLE SONDE ADAPTOR - 5/16"NC TO M10     | 57170-012 |
| FLEXIBLE SONDE ADAPTOR - 3/8"NC TO M10      | 57170-013 |

NOTE: FLEXIBLE SOND ADAPTORS HELP THE SONDE TO FLEX WITH THE TURNS IN THE DUCT.