DUCT MANDREL - NYLON

Mandrels for Duct Integrity Testing

Best Fit mandrels are essential for verifying the internal bore of pipes or ducts before cable installation.
We offer a wide range of customizable mandrels in nylon including cylindrical, spherical, and dumbbell shapes. Typically, they are 5-10% smaller in diameter than the pipe's internal diameter and 50% of its length. Both types are approximately 240 mm long and are fitted with a threaded rod and pulling eye on each end, giving an overall length of approximately 350 mm.

Features include:

- Made from High grade polypropylene.
- Steel rotating eye at each end (with wire rope eye for 43mm variant)
- Custom-made options
- Same-day turnaround for most cylindrical mandrels
- Standard off-the-shelf sizes available

Applications:

- Electrical ducting
- Telecommunications networks
- High Voltage/Low Voltage cable ducts
- Conduit proving and pre-installation checks

Crafted from high-quality HDPE, these durable mandrels ensure smooth pulling and reliable duct clearance verification before cable installation.

Item Code	DMN 0047	DMN 0086	DMN 0110	DMN 0150	DMN 0200	DMN 0250
Type	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Outer Diameter	47 mm	86 mm	110 mm	150 mm	200 mm	250 mm
Length	120 mm	350 mm	350 mm	350 mm	350 mm	350 mm
Material	High-Strength Engineering Polyamide / Cast Polyamide 6.					

We offer fully customizable mandrels—OD, length, and shape can be tailored exactly to your specifications.

DUCT MANDREL - STEEL

Mandrels for Duct Integrity Testing

Best Fit Cable Duct Steel Mandrels

Steel mandrels are essential tools for assessing the internal bore of pipes or ducts prior to cable installation.

Manufactured from high-quality steel, these mandrels feature rotating steel fixing eyes at both ends. Each mandrel measures 240 mm in length and includes a threaded steel rod with pulling eyes at either end, resulting in an overall length of approximately 350 mm. Designed for heavy-duty professional applications in telecommunications, gas, and water utilities, these durable painted steel mandrels are typically 5-10% smaller in diameter than the internal diameter of the pipe.

Features:

Constructed from high-grade steel with renowned bearings

Rotating steel eye at each end (with a wire rope eye for the 43 mm variant

Custom-made options available

Applications

Electrical ducting

Telecommunications networks

High Voltage/Low Voltage cable ducts

Conduit proving and pre-installation checks

Constructed from premium HDPE, these resilient mandrels ensure smooth pulling and reliable verification of duct clearance prior to cable installation.

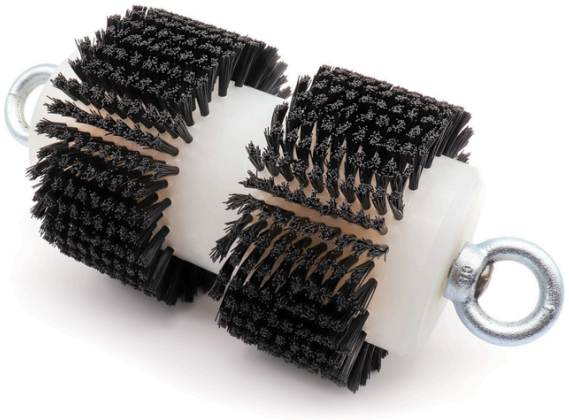
Item Code	DMN 0043	DMN 0070	DMN 0076	DMN 0083	DMN 0095
Type	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Outer Diameter	43 mm	70 mm	76 mm	83 mm	95 mm
Length	120 mm	350 mm	350 mm	350 mm	350 mm
Constrcution	Steel				

We offer fully customizable mandrels—OD, length, and shape can be tailored exactly to your specifications.

For more information or assistance, please reach out to us at: Email: sales@ontides.com

DUCT BRUSH

Brushes for Duct Integrity Testing



The Best Fit Cylindrical Duct Cleaning Brush is designed for efficiently cleaning electrical and communication cable ducts.

Key features:

- Robust polypropylene center attached to a threaded steel rod with steel end caps and pulling eyes.
- Soft nylon bristles for thorough, damage-free cleaning of dust and debris.
- Overall length of 350mm, with a 330mm length over rotating eyes.
- Options for pulling eyes at both ends or an M12 thread for compatibility with duct rods.
- Customization available in various materials, sizes, and styles.
- Additionally, the brushes are built with high-grade steel and reputable bearings to ensure durability and performance.

Item Code	DBH 0043	DBH 0070	DBH 0076	DBH 0083	DBH 0095
Type	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Cylindrical
Outer Diameter	43 mm	70 mm	76 mm	83 mm	95 mm
Length	120 mm	350 mm	350 mm	350 mm	350 mm

We offer High-performance, high-quality brushes are available in various materials, sizes, and styles to meet specific duct cleaning requirements.