

# Installation Tools and Accessories

## AIR BLOWN INSTALLATION TOOLS

### Air Blown Fiber (ABF) Installation Tool

The Air Blown Fiber Installation Tool is used for the installation of Air Blown Fibers into microducts. This unique, easy-to-handle and light-weight tool is designed for optimal performance in combination with all available air blown fiber units and microducts from Hexatronic. The tool uses both compressed air and an electric motor to feed the fiber. An adjustable magnetic coupling limits feeding force on fiber, to avoid damage in the event of a sudden stop. The motor speed and direction is controlled by a trigger switch on the handle.

The tool is delivered with a case including nozzles for 3/2 mm, 5/3.5 mm and 7/3.5 mm microducts.

This new version of the tool features steel armoured plastic parts for increased robustness and an OLED display with length, speed and battery status indicators.

**TYPE:** Air blown fiber (ABF) installation  
**SUPPORTED PRODUCTS:** Hexatronic ABF  
 2 - 12 fiber (Ø1.1-1.6 mm),  
 3 - 7 mm microducts  
**CAPACITY:** ≤150 m/min

Product No.	Product Name
LTT1792040	Air Blown Fiber Installation Tool
NTB101116	Tripod with ball joint



### Miniature Compressor for Air Blown Fiber Installation

This unique, extremely compact compressor is especially developed for air blown fiber installation with Hexatronic blowing tool LTT1792040. The compressor design, without a tank, offers a constant and high capacity air-flow without interruptions for pressure-build up. The oil-free design eliminates problems with leaking oil that can permanently damage microducts.

The super silent operation with a noise pressure level of less than 70 dB makes the daily work enjoyable.

**DESIGN:** Miniature compressor for air blown fiber installation  
**TYPE:** Oil-free, extremely silent  
**CAPACITY:** Up to 8.5 bar, 100l/min, 370W

Product No.	Product Name
HLTT179004	Miniature compressor for ABF installation



### Nano Cable Installation Tool

The Nano Cabler Installation Tool is used for the installation of Nano Cables into microducts. This tool is calibration-free and designed for optimal performance in combination with all available nano cables from Hexatronic.

An adjustable magnetic coupling limits feeding force on the cable, to avoid damage in the event of a sudden stop.

The tool is powered by a separate electrical drill or screwdriver (not included). Most types with an output torque exceeding 0.3 Nm at 250-500 RPM can be used. In addition, compressed air is used for long distance installations.

The tool is delivered with a case including nozzles for 5/3.5 mm 7/3.5 mm 12/10 mm and 14/10 mm microducts.

**TYPE:** Air blown fiber (ABF) installation  
**SUPPORTED PRODUCTS:** Hexatronic Nano Cable  
 2 - 12 fiber (Ø2.0-2.1 mm),  
 5/3.5 mm to 16/12 mm microducts  
**CAPACITY:** ≤150 m/min

Product No.	Product Name
LTT1792020	Nano Cable Installation Tool
LTT1792020/10	Tripod for Nano Cable Installation Tool



# TOOLS FOR MICRODUCTS AND FIBER CABLES

## Microduct Assembly Cutter

Microduct Assembly Cutter, which cuts microduct assemblies up to Ø42 mm.

**DESIGN:** Microduct assembly cutter  
**TYPE:** For all type of ducts  
**CAPACITY:** Up to Ø42 mm assemblies



Product No.	Product Name
LDK19501/04	Microduct assembly cutter

## Double Sheath Cutter

Cutter to use when dismantling the outer sheath of a double-sheathed HDPE multiduct (direct buried).

**DESIGN:** Sheath cutter for microduct assemblies  
**CAPACITY:** >Ø25 mm assemblies



Product No.	Product Name
LDK19501	Double sheath cutter for microduct assemblies
1/LDK19501/03	Spare cutting blades, 10 pcs

## Single Sheath Cutter - Small

A small and handy tool primarily for removing single-sheathed tight protected ducts. The tool is also useful for removing the sheath from most traditional fiber optic cables. The cutting depth can be adjusted from 0 to 2.5 mm

**DESIGN:** Single sheath cutter for microduct assemblies and cables  
**CAPACITY:** Ø6-28 mm assemblies



Product No.	Product Name
LDK1951	Sheath cutter, 6-28 mm

## Single Sheath Cutter

A universal tool primarily for removing single-sheathed tight protected ducts. The tool is also useful for removing the sheath from most traditional fiber optic cables.

**DESIGN:** Single sheath cutter for microduct assemblies and cables  
**CAPACITY:** <Ø40 mm assemblies



Product No.	Product Name
LDK19501/05	Inner sheath cutter

## Duct Sheath Cutter

Used for quick and easy removal of any sheath from tight protected microduct assemblies. This is an excellent tool, particularly for performing mid-span access.

**DESIGN:** Sheath cutter for microduct assemblies  
**CAPACITY:** Up to Ø50 mm assemblies



Product No.	Product Name
LDK19502	Sheath cutter for microduct assemblies

## Knife for Sheath Removal of Thick Walled Ducts

This knife is especially suitable for safe sheath removal on thick walled duct assemblies. The tip is rounded to avoid the blade cutting the microducts inside the assembly. It is also safe to use since the risk of accidentally cutting hands is minimized.

**DESIGN:** Knife for sheath removal  
**TYPE:** For thick walled duct assemblies



Product No.	Product Name
LDK19501/01	Knife for sheath removal

## Multi Purpose Knife for Cables and Ducts

This handy knife is suitable for a variety of operations.

**DESIGN:** Multi-purpose Knife w. hook



Product No.	Product Name
LDK19501/09	Multi-purpose Knife

## Tool for Tearing up Microducts Longitudinally - The "Snail"

Ideal tool for removal of temporary microducts. Temporary microducts are typically used to create a continuous blow path through closures or similar.

**DESIGN:** Micro cable slit cutter  
**TYPE:** For temporary microducts

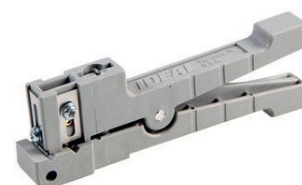


Product No.	Product Name
LDK19501/02	Longitudinal slit cutter

## Micro Cable Inner Tube Opener

The sheath cutter is intended for cutting the inner tube of a micro cable. The cutter is delivered with three straight blades and one round blade. It is possible to adjust the cutting depth with a small Phillips screwdriver.

**TYPE:** Micro cable inner tube opener  
**CAPACITY:** Up to Ø3 mm tubes



Product No.	Product Name
LDK19503/1	Micro Cable Inner Tube Opener

## Micro Cable Sheath Cutter

Used for removal of the sheath on micro cables. The tool is delivered with three straight blades and one round blade. Adjustable cutting depth.

**TYPE:** Micro cable sheath cutter



Product No.	Product Name
LDK19503	Sheath cutter for micro cable

## Microduct Cutter – Small

Provides a clean and straight cut necessary to perform a smooth duct splice prior to the mounting of microduct snap-in connectors. The cutter is locked in its closed position for safe handling.

**DESIGN:** Microduct Cutter  
**TYPE:** Compact  
**CAPACITY:** Ø3-12 mm



Product No.	Product Name
LDK20803	Microduct cutter 3-12 mm

## Microduct Cutter – Pliers

This microduct cutter is used for cutting microducts prior to the mounting of microduct snap-in connectors. The tool can cut ducts with dimensions up to 20 mm.

**DESIGN:** Microduct cutter  
**TYPE:** Blade pliers  
**CAPACITY:** Ø3-20 mm



Product No.	Product Name
LDK19501/03	Microduct cutter, pliers 3-20 mm
1/LDK19501/03	Spare blades 10 pcs for LDK19501/03

## ABF Stripping Tool

This compact and low-cost tool is used for safe, quick and easy removal of the coating on air blown fiber (ABF).

**DESIGN:** ABF stripper  
**TYPE:** Compact  
**CAPACITY:** Ø1-1.4 mm (2-12 fibers)



Product No.	Product Name
LDK19501/08	ABF Stripping Tool

## ABF Stripping Scissors

Used for removal of the outer sheath on air blown fiber (ABF). The scissors are also a handy tool for various applications. The two grooves on the upper side of the scissors are used for sheath removal.

**DESIGN:** ABF stripper  
**TYPE:** Scissors  
**CAPACITY:** Ø1-1.4 mm (2-12 fibers)



Product No.	Product Name
LDK19501/07	ABF Scissors

## Duct Expander

The tool is used to expand the microduct ends. The expansion facilitates proper mounting of microduct end caps, NDK12103. The expander has a slit to be able to expand the duct even after the installation of an air blown fiber in the duct. For better grip the duct expander can be mounted on any handle that holds hex head bits.

**DESIGN:** Duct expander  
**TYPE:** Hex head bits  
**CAPACITY:** For microducts ID Ø3.5 mm



Product No.	Product Name
HLDK19505/1	Duct Expander

## Duct Shaper

The tool is used to make the duct end perfectly round before assembly of microduct connectors. This will minimize the risk of fibers or cables get stuck in the connector.

**DESIGN:** Duct Shaper  
**TYPE:** Plastic  
**CAPACITY:** For microducts ID Ø2-10 mm



Product No.	Product Name
LDK19501/10	Duct Shaper/Expander

# ACCESSORIES FOR BLOWING, LUBRICATION AND CLEANING

## Micro Cable End Caps

Brass end caps should be mounted on the cable end before blowing the micro cable into the microduct. The end cap forms a rounded tip that facilitates blowing through duct joints. They also prevent air from penetrating through the open cable end into the cable. These end caps are extra slim to enable blowing into slim microducts.

An inner thread makes them easy to mount on the cable tip. The end caps can be re-used.

**DESIGN:** Brass end caps

**TYPE:** For micro cables

**CAPACITY:** 2-8 mm



Product No.	Product Name	Thread Diameter ø (mm)	For Cable Diameter/ Cable Type ø (mm) (Type)	Pack qty pcs
HSXA136108/5	Micro Cable End Cap 2mm	2	2 (Nano 2-8f)	10
HSXA136108/4	Micro Cable End Cap 4mm	4	4 (Viper Slim 2-24f)	10
HSXA136108/1	Micro Cable End Cap 6mm	6	5.7-6.3 (Viper 24-96f)	10
HSXA136108/2	Micro Cable End Cap 7mm	7	6.7-7.3 (Viper 144f)	10
HSXA136108/3	Micro Cable End Cap 8mm	8	7.7-8.3 (Viper 192f)	10
HSXA136108/6	Micro Cable End Cap 8.4 mm	8.4	8.3-8.7 (Viper 200 - 288f)	10

## Blowing Beads

Beads that can be mounted on the tip of the air blown fiber unit for optimal blowing performance. This is recommended for long installation distances with many duct connectors or sharp bends. The beads come in two different sizes to

suit the different blown fiber units. Blowing beads are sold in bags with 100 pcs.

**DESIGN:** Blowing beads

**TYPE:** For air blown fibers

**CAPACITY:** 2-12f ABF



Product No.	Product Name	For Cable Diameter/ABF Type ø (mm) (Type)	Pack qty pcs
NTK102245/1	100xBlowing Beads, 2-6f	1 (2-6f)	1x100
NTK102245/2	100xBlowing Beads, 8-12f	1.4 (8-12f)	1x100

## Cleaning Sponges

Cleaning sponges are used when cleaning dust or moisture from a microduct. The sponge is simply blown through the microduct by the air pressure from the installation tool. The sponges are also used to smear out cable blowing lubricant in microducts. Cleaning sponges are sold in bags with 100 pcs.

**DESIGN:** Cleaning sponges

**TYPE:** For microducts

**CAPACITY:** For microducts ID Ø3.5-10 mm



Product No.	Product Name	For Microduct ID ø (mm)	Pack qty pcs
NTM50207	100xCleaning Sponges 3.5 mm	3.5-4.4	1x100
NTM50207/2	100xCleaning Sponges 8 mm	8-10	1x100
NTM50207/1	100xCleaning Sponges 10 mm	10-12	1x100
NTM50207/3	100xCleaning Sponges 15 mm	15-16	1x100

## Lubricant for Cable Installation into Microducts - The Viper Venom

Hexatronic Viper Venom is a lubricant for cable installation into microducts. It is especially suitable for micro cable and nano cable installations. The lubricant is non-toxic, easy clean up and non-flammable.

**DESIGN:** Lubricant for microducts

**CAPACITY:** 0,24l per bottle



Product No.	Product Name	Pack qty pcs/box
MTV11001/1	Lubricant for microducts	24