

Application

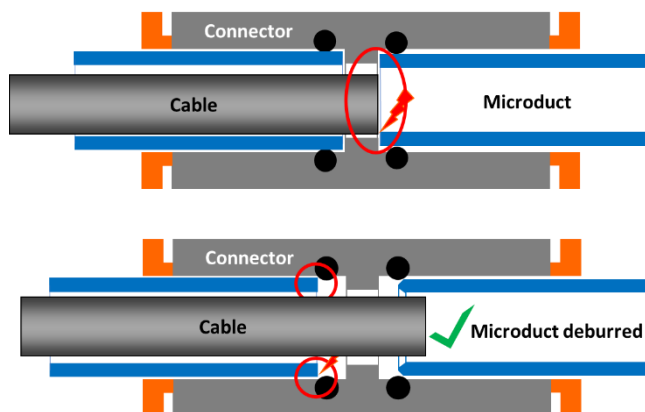
Good microduct connections require not only a smooth and exactly right-angled cut of the microducts. To avoid a blow-in stop of the cables at the connection, it is necessary to calibrate and deburr the micro tube ends. For this purpose, ELITEX has developed a tool set with which all necessary work steps can be carried out with optimum quality and little effort. The manufacturers of micro tubes often claim that calibrating and deburring is not necessary for a clean, right-angled and chip-free cut. Many fitters have already found out that this statement is not true when blowing in the pipes themselves. In the couplings for the connection of the microducts, all edges have small radii due to the manufacturing process. This means that cables can get caught on the sharp cut edges of the microducts when they are blown in. If deformed micro tubes are added, which also have the smallest tolerated diameter, blow-in stoppages are preprogrammed. All tools are also available separately.

Item	Order No.
Toolbox DuctTool	01-083-Boxx

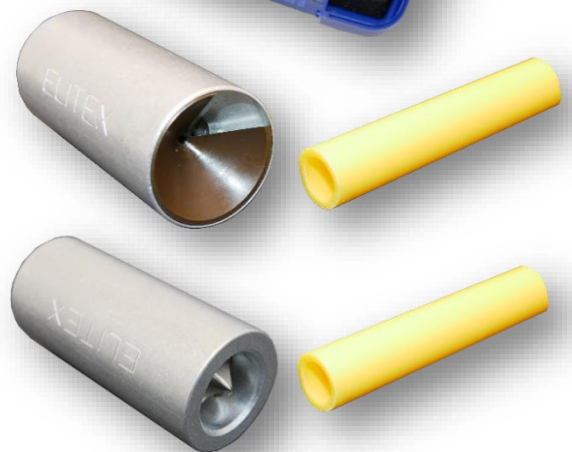
DuctBevel

No more cable stops during jet-in process due to sharp edges and burrs at microduct entry. Trimming of microduct entries also reduce installation force and save gasket from abrasion caused by sharp edges of microduct. Due to plastic optimised blade, chips become spring swarf and stays inside tool at blade. This prevent from chips inside microduct. The durable blades are made from non-corrosive tool steel (HSS). The stable housing is made from anodized aluminium and makes the tool solid for construction sites. To prevent damages, the blades are also recessed mounted. The DuctBevel is applicable for thin wall and direct buried microducts according to DIN EN 50411-6-1 and DIN EN 60794-5-ff. The tool fits for all common duct diameters, inside \varnothing 3,5 – 16mm, outside \varnothing 5 – 20mm.

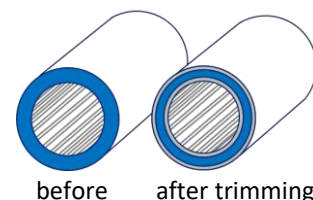
Item	Oder No
DuctBevel deburrer	01-075-01 A



Deburred Microduct prevent from stop during jet-in of cable



Microduct deburred in- an outside



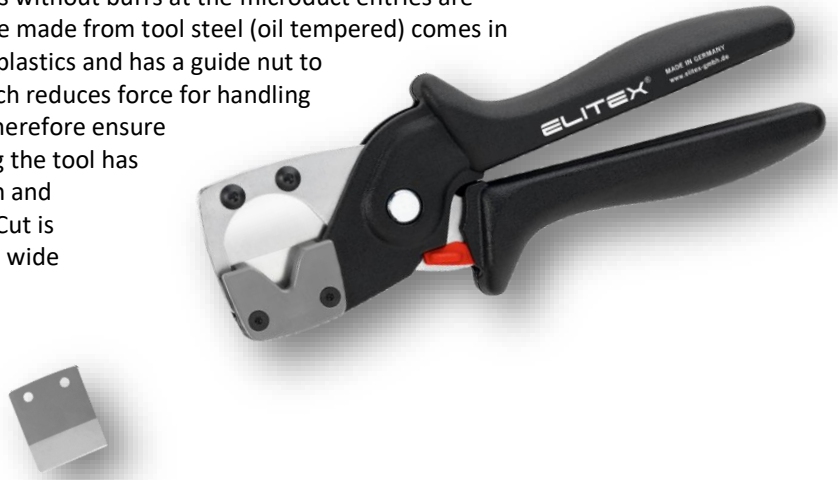
before

after trimming

DuctCut

For good duct joints rectangular, straight and smooth cuts without burrs at the microduct entries are mandatory. For a long lifetime of the tool, a durable blade made from tool steel (oil tempered) comes in place. The shape of the blade is optimized for microduct plastics and has a guide nut to ensure straight cuts. Pivot point enables a sliding cut which reduces force for handling (<100N). The ergonomic handles are spring-loaded and therefore ensure easy operation and effortless working. For precise cutting the tool has a wide support for the microduct. For save transportation and protection of blade the tool has a locking lever. The DuctCut is applicable for thin wall and direct buried microducts. The wide cutting diameter ranges from Ø 4 mm to 20 mm. The blade is replaceable and available as accessory.

Item	Order No
DuctCut microduct cutter	01-073-01 A
Blade replaceable	01-074-01 A



DuctDoc

Microducts with round and calibrated diameter prevent from jet-in stops and enable max blow in distance. Due to use of blunt or unsuitable tools for cutting microducts, the round shape can be deformed. Also bad storage or squeeze can cause an oval shape of the microducts. A joint of those microducts in an connector can cause a cable stop during jet-in process. A simpel calibration with DuctDoc can prevent from such accidents. Microduct gets a round shape in one go. The DuctDoc fits for all common inner diameters with one tool for 3,5/4/5,5/6/8/10/11,4/12/15/16mm. DuctDoc is applicable for thin wall and direct buried microducts according to DIN EN 50411-6-1 and DIN EN 60794-5-ff. All fitting diameters are marked with durable LASER imprint on the ergonomic handle.

Item	Order No
DuctDoc calibration tool	01-060-01 A

