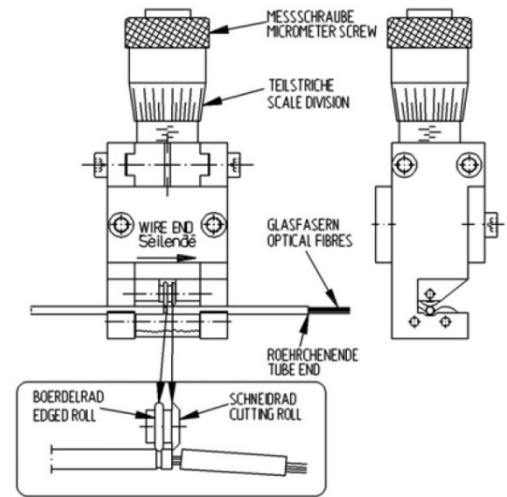


Technical Datasheet

Tube Cutter - TC1.0-4.5 OF

General Datasheet



Description

This Tube Cutter is especially designed for exposing the fragile and sensitive optical fibers in a stainless-steel tube with an outer diameter from **1.00mm (0.039") up to 4.50mm (0.177")**. The advantage of this cutting method is not only to crack the fiber in metal tube (FIMT) for exposing the fibers, else it induces a protective edge to the metal tube in order to protect the optical fibers against the sharp cutting edge and avoid a potential fiber break during normal operational handling procedures.



Handling Instructions

1. Put the tube cutter on the FIMT position, where you want to cut the tube.
2. Turn the micrometer screw until the edged roll is touching the tube.
3. Turn the micrometer screw another 1 to 2 scale divisions in the contracting direction.
4. Rotate the tube cutter 2 to 3 times around the steel tube with the same contraction.
5. Repeat the process of point 3. until the tube is separated.
7. Carefully remove the cut section of the tube and prepare the optical fibers for further handling.