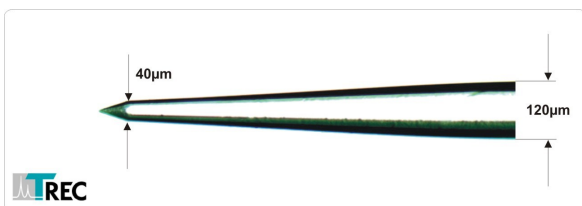
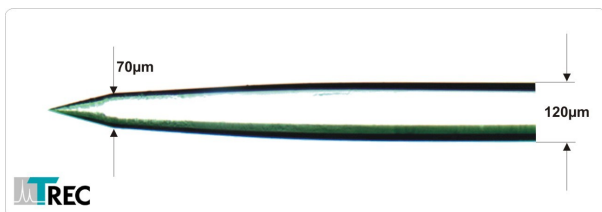
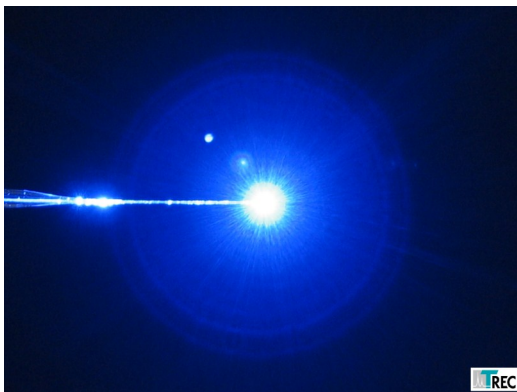


Thomas Optical Glass Fiber



Product Features

- ◆ **Material:** Optical glass
- ◆ **Outer glass fiber diameter** 120µm
- ◆ **Biocompatible material**
- ◆ **Very thin shafts** minimize tissue damage
- ◆ **Different glass fiber tip shapes** available
 - **Conical tips**
 - **Double conical tips**
 - **Blunt Tips**
- ◆ **Different fiber connectors** available
- ◆ **Global light distribution** at the tip!

 Made in
GERMANY

Certified
ISO 9001  TÜV Rheinland®
Precisely Right

© TREC, Rev. 1.0, 03.12.2012

We are looking forward to your request:

info@ThomasRECORDING.com

Thomas Optical Glass Fiber

The Thomas **Optical Fiber** is a very thin glass fiber consisting of a glass core and a glass cladding with an outer diameter of $D=120\mu\text{m}$. Light travelling in the core reflects from the core-cladding boundary due to total internal reflection. Figure 1 shows the standard configuration of a Thomas **Optical Fiber**. The Thomas Optical Fibers are available with different tip shapes.

The optical fiber is strengthened by a stainless steel tube so that it is possible to clamp the **Optical Fiber** to a standard electrode holder. At the top end the optical fiber is strengthened by a silica tube and the end of the optical fiber is equipped with an optical fiber connector.

The different lengths of the **Optical Fiber** can be adapted to the requirements of the customer. Please feel free to ask for your individual design.

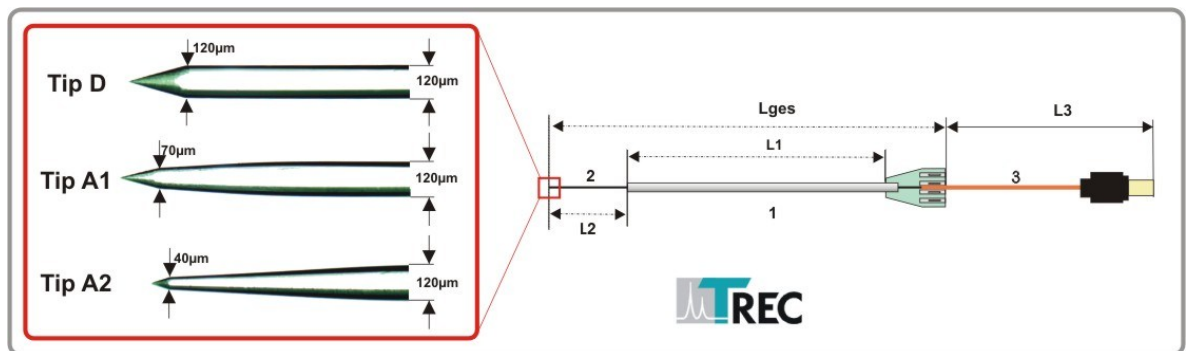


Figure 1: Thomas **Optical Fiber** consisting of an optical glass fiber ($OD=120\mu\text{m}$) with different tip shapes. The optical fiber is strengthened with a stainless steel tube.

Ordering information:

Article number: AN000514

Price: on request

We are looking forward to your request:

info@ThomasRECORDING.com