

Press Release

I-Cleave Can Also be Used for Polyimide Fibers

Fiber Cleaver for Large-core Fibers

LASER COMPONENTS introduces a new fiber cleaver that allows the handling of polyimide fibers. The so-called I-Cleave is developed by our partner SEDI-ATI and allows the cleaving of large-core fibers that have a core diameter from 200 µm to 1 500 µm.

A diamond tip is used to make a small cut on the outer diameter of the fiber, and the fiber is then broken by applying longitudinal force along the optical axis. Any undue strain on the fiber is avoided. This results in scratch-free surfaces that are perfectly perpendicular to the optical axis.

V-groove jigs allow a secure mounting in a fixed position. With an additional mounting kit polyimide fibers can also be cleaved directly without having to remove the polyimide buffer, which would be costly and time consuming.

More Information

<http://www.lasercomponents.com/de-en/product/cleave-tools/>

Trade Shows

BiOS 2014, Feb., 01. - 02., 2014, The Moscone Center, San Francisco, USA, **Booth 8517**
Photonics West 2014, Feb., 04. - 06., 2014, The Moscone Center, San Francisco, USA, **Booth 517**
CeBIT 2014, 10.-14.03.2014, Messegelände Hannover, **Booth 013.E12**
analytica 2014, Apr., 01. - 04., 2014, Neue Messe München, **Booth A2.400A**
Optatec 2014, May, 20. - 22., 2014, Messe Frankfurt
Defense, Security & Sensing 2014, Apr., 30. - May, 02., 2014, Baltimore, USA, **Booth 1030**
Sensor + Test 2014, Jun., 03. - 05.2014, Messe Nürnberg, **Booth 12.117**

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in four different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the USA. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 150 employees worldwide.