

Holding Films & Fibers for Microscopic Analysis

Easily fix & stretch films, fibers, hairs, etc for analysis with FTIR- and Raman microscopes, stereoscopes and microscopes.

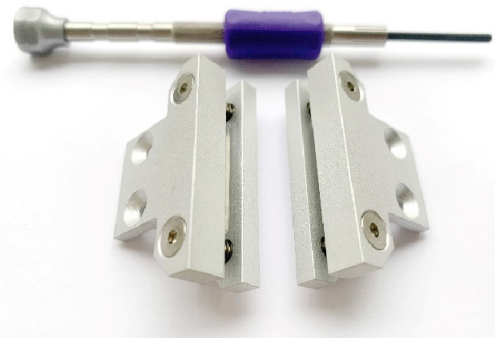


Micro Vice Sample Holder (STJ-0116-A) with Standard Clamps

The MicroVice sample holder with the new **Films & Fibers Clamps** is an ideal solution for holding fibers, films and other long, thin, flexible materials for further analysis under the microscope.

The new Films & Fibers Clamps provide ease of use and experimental flexibility when handling this kind of samples.

The Films & Fibers Clamps have spring loaded jaws, which are easy to open & close allowing for firmly clamping the sample.



New Films & Fibers Clamps (STJ-0116-A-N-NIC)



*Close up of the Films & Fibers Clamps mounted on the sample holder MicroVice.
You can see that a film is fixed with the clamps*



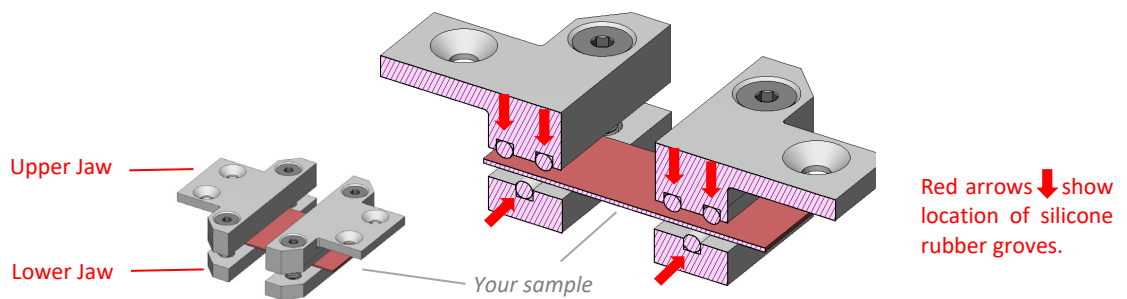
Sample Holder MicroVice with Films& Fibers Clamps set on the microscope stage

Design of the new Films & Fibers Clamps

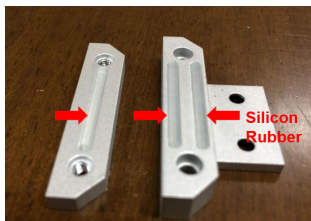
We have developed this new set of clamps especially for long thin samples such as fibers & films. The clamps feature spring loaded jaws with silicone pads to ensure secure but delicate grip.

Each clamp consists of an upper and a lower jaw. These jaws have silicon rubber grooves to tightly but gently fix the sample and prevent slippage of the sample.

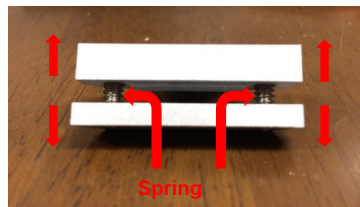
The clamps have a special mechanism with spring-loaded screws to allow rapid inserting the samples. The sample is held securely and can be stretched to both sides avoiding unwanted movement of the sample and without twisting of the sample.



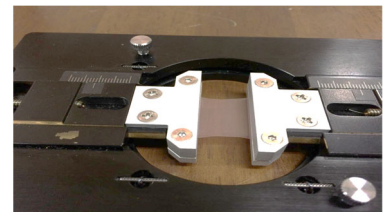
The design of the clamps ensures that the sample can be fixed flat within the clamps and can be stretched securely & evenly without twisting.



The upper and lower cylindrical silicone rubbers firmly grip the sample & fix it in place without damaging it



Easy-to-use and highly effective springloaded screws for easy opening & closing of the clamps



You see a film sample fixed with the clamps and then stretched



Once your sample is securely fixed you can set the MicroVice sample holder with your sample onto the stage of your microscope and analyze your sample according to your needs.

Please contact us at contact@stjapan.de or +49 (0) 2234 956372 if you have questions or need more information.