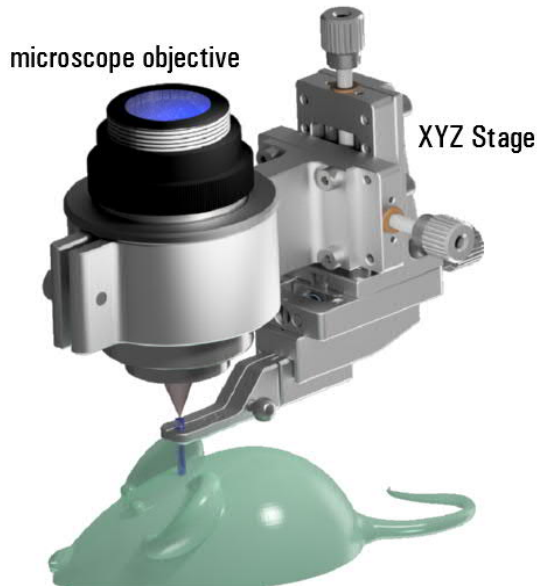


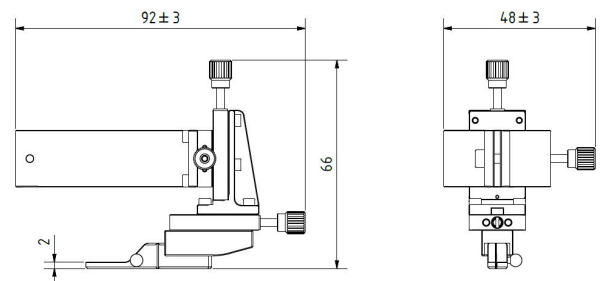
Positioning Stage for GRIN-Needle Endomicroscopes and High NA Objectives

XYZ Stage and objective mounting to connect and align to microscope objectives

Applications and properties:

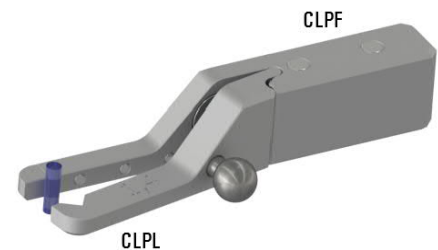


- holding, handling and three-axis-positioning of GRIN-microsystem relative to microscope objectives
- mounting for microscope objective diameter 30 mm (standard)
- smaller microscope objective diameters are possible with assistance of an adapter ring (for ordering see table below)
- stable and reliable construction of the XYZ-stage
- adjustment travel: X - 7.5 mm, Y - 6.5 mm, Z - 6.5 mm
- thread pitch 0.2 mm
- easy pick and drop of the jaws with magnetic pull
- durable anodized aluminum surface



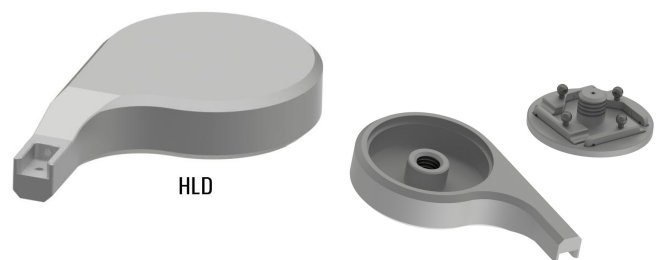
Clamping unit (CLPF + CLPL)

- consisting of fixed and loose jaw (CLPF+CLPL)
- holding and fixation of GRIN-microsystems
- different movable jaws for diameter: 0.5 / 0.7 / 1.0 / 1.2 / 1.4 mm
- easy change of movable jaw due to magnetic pull
- ball handle for moving the movable jaw for picking and dropping the microsystem



Holder for clamping unit (HLD) with movable jaw magazine

- holding and handling of the jaws including the GRIN-microsystem
- easy pick and place of the jaws because of magnetic pull
- allows the one-hand-usage to pick and drop the GRIN-microsystems
- magazine with four places for the not used movable jaws inside the handlebar
- anodized aluminum



Set includes:

- XYZ Stage (XYZSTG)
- fixed jaw of the clamping unit (CLPF)
- holder for clamping unit inclusive magazine for three jaws of different diameter (HLD)
- one movable jaw of your choice (CLPL)
- other movable jaws for different diameter can be ordered separately

XYZSTG	XYZ Stage
CLPLXX	Loose jaw (XX=1.4 / 1.2 / 1.0 / 0.7 / 0.5 mm)
CLPF	Fixed jaw
ADPXX	Adapter ring for microscope objective XX=Diameter
HLD	Holder for clamping unit

Variations due to modifications of the production process are possible. It is the user's responsibility to determine suitability for the user's purpose. Please ask for customized solutions.