

## 1

**DESCRIPTION**

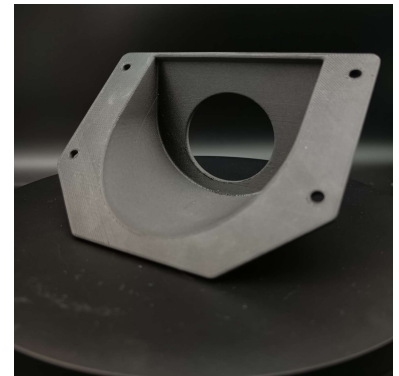
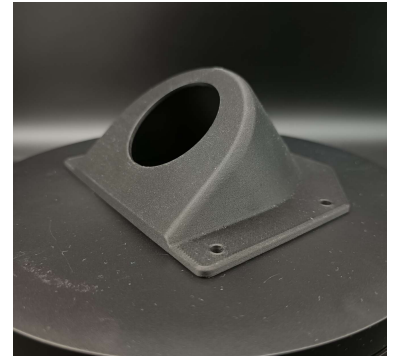
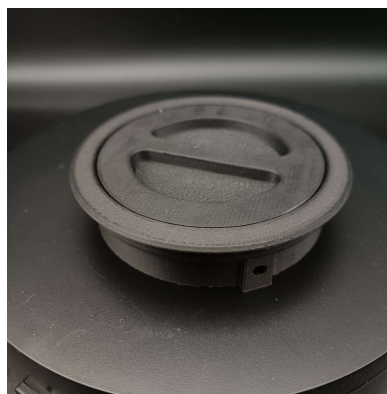
Max build volume: 320x132x154 mm

For mechanically stressed components, we offer 3D printed parts using the CFR process.

These are as strong as machined aluminum components, but for a lower price. The components can be designed according to the required mechanical needs.

We propose this method for prototypes and for small series, which are mechanically and physically under tension (for example vise jaws for CNC milling and CNC turning, covers and machining parts)

# Continuous Fiber Reinforcement (CFR)

**CABLE-COVERS****BAYONET-LOCKS**

# Continuous Fiber Reinforcement (CFR)

## DESCRIPTION

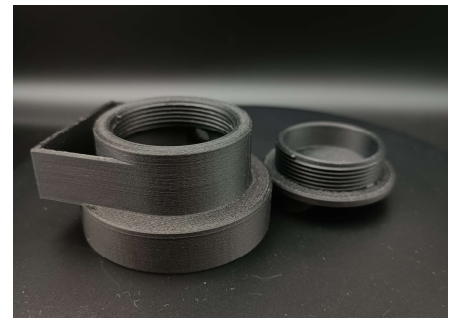
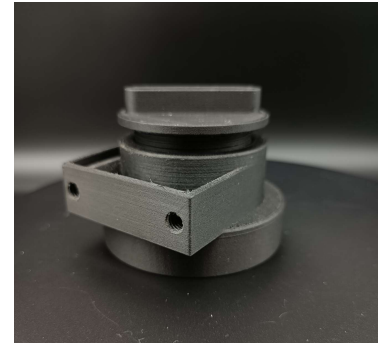
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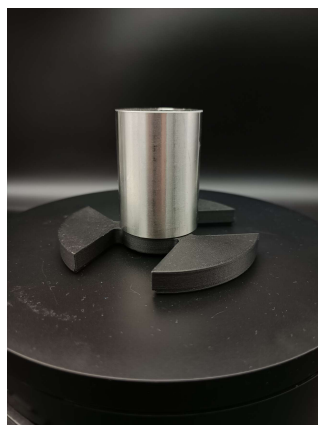
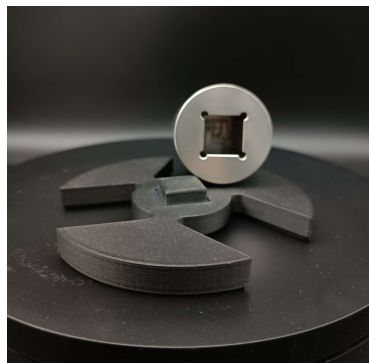
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## EXTERNAL- AND INTERNAL-THREADS



## FIXTURES FOR 3-JAW CHUCKS



# Continuous Fiber Reinforcement (CFR)

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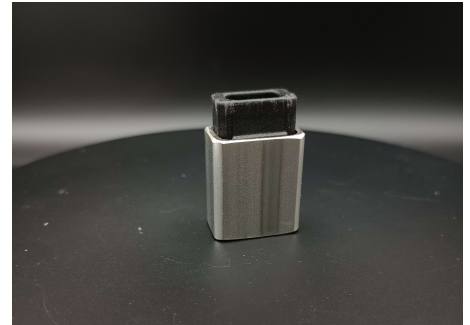
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## PIPE CONNECTIONS



## PLAQUE MOUNTS

## NYLON EARPROTECTORS



# 2

## Liquid Crystal Display (LCD-3D printing)

### DESCRIPTION

Max build volume: 219x123x250 mm

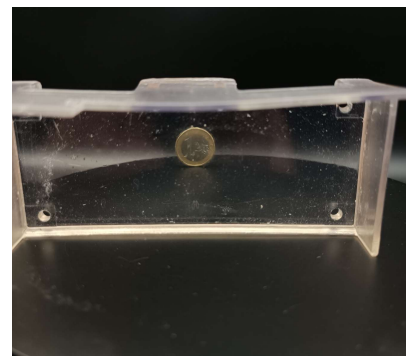
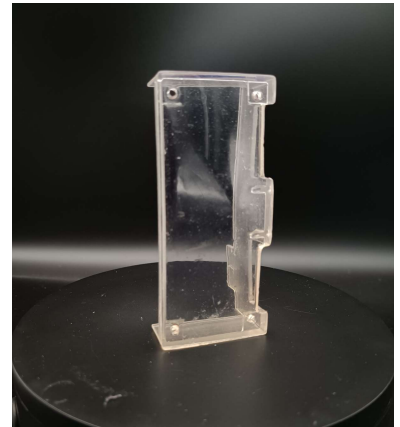
This printing process is the only one that is suitable for waterproof and food-safe printing with special photopolymers!

LCD printing produces incredibly accurate models with flawless surface quality and fine detail. Which is why miniatures (e.g. Dungeons and Dragons) are often produced using this process.

This is also a very good method for making casts for vacuum casting molds!

We suggest using this method for parts with a lot of detail or visual purpose. Furthermore, it is easier to produce small series of parts since the number of components on the print bed is irrelevant to the print time.

### TRANSPARENT



### SCULPTURES

# Liquid Crystal Display (LCD-3D printing)

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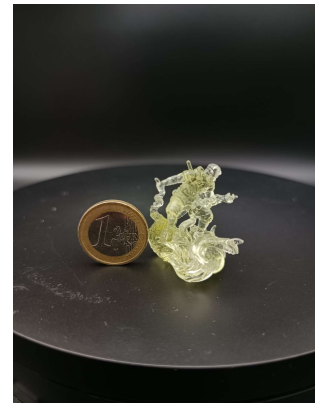
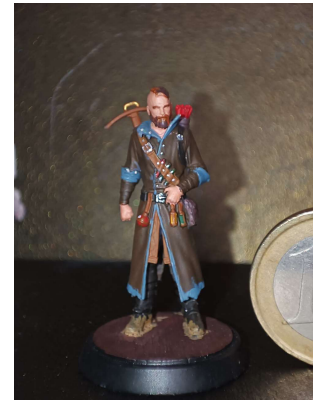
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## MINIATURES



# 3

## DESCRIPTION

Max build volume: 500x500x500 mm  
and 210x210x250 mm

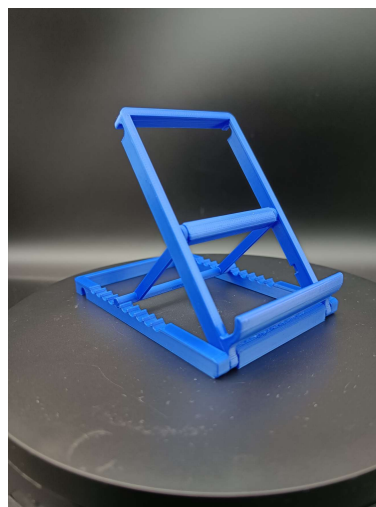
In addition to fiber-reinforced (CFR) and SLA, we also offer FDM 3D printing, i.e. conventional 3D printing.

On the one hand, we offer the materials ABS and PLA, which are in stock in different colors, but also other materials (PETG, PVA, ABS-T, PP,...) by arrangement.

We suggest this procedure for test prints, small series and medium series (100 pieces).

Mechanically, these are not very resilient. This method is therefore more suitable for prototypes, parts with less mechanical use or promotional gifts (keychains, tablet stands or business cards).

## MODELS



TABLET AND SMARTPHONE-  
STAND



# Fused Deposition Modeling (FDM)

## DESCRIPTION

Max build volume: 500x500x500 mm  
and 210x210x250 mm

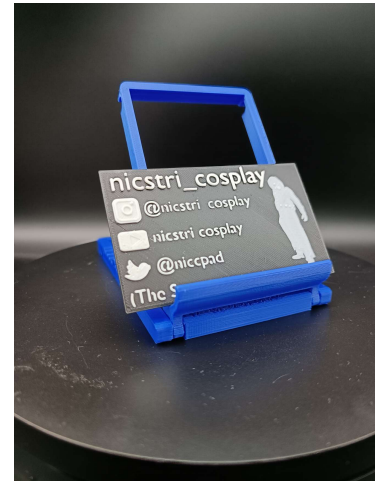
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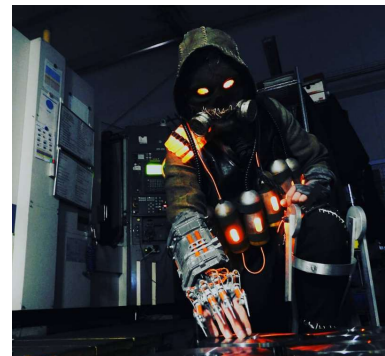
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## BUSINESSCARDS



## COSPLAY



# Fused Deposition Modeling (FDM)

## --Unendlich Druck--

### DESCRIPTION

Max build volume: 200 x 170 x  $\infty$  mm

In addition to the aforementioned print dimensions, we now also offer endless printing capabilities along the Y-Axis. Prints such as swords or rods for cosplay and costumes can now be produced as a continuous, almost seamless piece. No more painstaking assembly required!

Our infinite printing service allows you to obtain aesthetically appealing and functional props in a single length.

This innovative technology opens up exciting possibilities for creative project, whether in the realm of cosplay or other applications such as architectural models or prototypes. We take pride in providing this expanded printing service and look forward to bringing to life customized, endlessly long 3D prints for your unique ideas.

