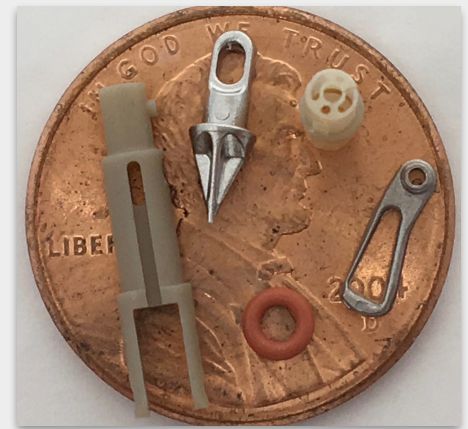


Patented micro *Molding* system



micro MOLDING

Direct Cavity Injection



Our process allows for very complex geometries
• IN ALL MOLDABLE MATERIALS •

M5 iE (intelligent energy)

High Performance Desktop
Micro Molding Platform



- Built for clean room operation!!
- Very small footprint
- Standard 110v and shop air.
- No hydraulics

Prototype & Production Desktop ~ Micro Molding ~

Your Complex Micro Designs Molded!

M5 iE Direct Cavity Injection

Fully Automatable

Near Zero Material Waste

Fast Rapid prototyping iterations

Machine Footprint 9" x 22" x 22"

Mold Head 9" x 4" x 4"

Mold head can run remote from machine base

Talk with us about your next Micro Molding project

(952) 900-7474

• M5-Micro.com

• Jon@m5-micro.com

Materials

• THERMOPLASTICS

These types of materials are polymers that become soft and moldable above certain temperatures then when cooled they harden again. They are perfect for micro parts and over molding applications.

- PEEK • ULTEM • PSF • ABS • Pebax • and others

• SILICONE

Liquid Silicone Rubber (LSR) is an ideal choice for a wide range of medical devices.

• METALS (MIM)

These types of materials are used when the micro parts are expected to have superior strength and longevity.

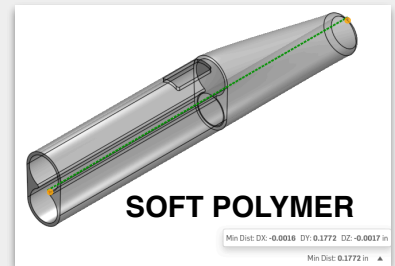
- Cobalt Chrome • SST • Titanium • and others

• BIOABSORBABLES

This type of material dissolves or is absorbed by the body and can become part of the bone for a much stronger fix, and never needs to be taken out of the body.

M5 Direct Cavity Injection

This is a Near Zero Material Waste Process!!

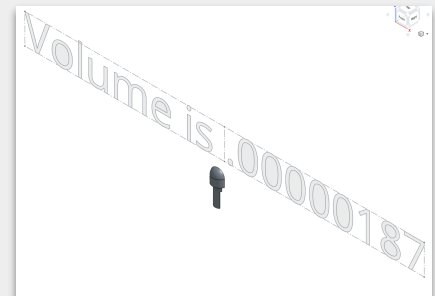


SOFT POLYMER

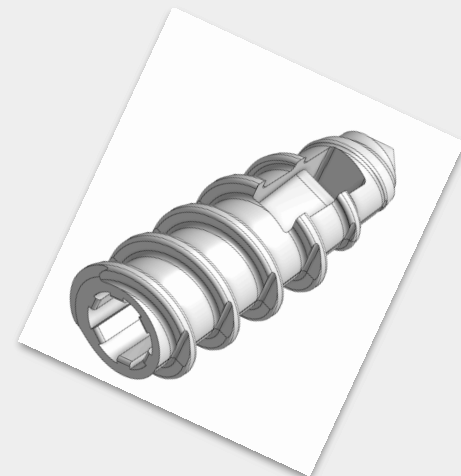
25D Pebax



COBALT CHROME - MIM



Titanium -MIM



BIO-REABSORBABLE

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