

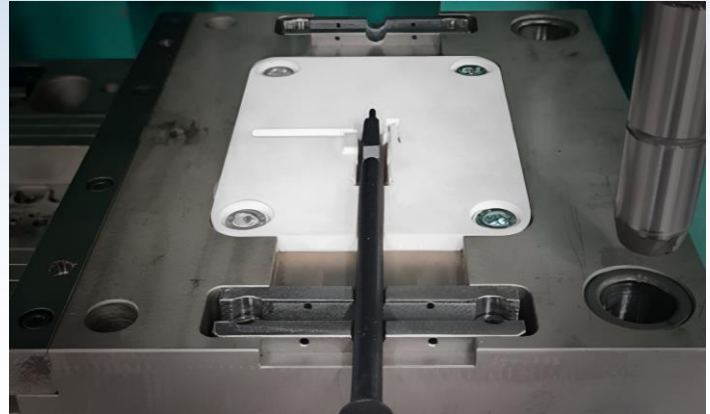


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Ultrasim® 3D NextMold

Fast-Track Prototyping with 3D Printed Mold Inserts

Discover **Ultrasim® 3D NextMold** – our solution for rapid tooling using 3D printed molds. Specializing in injection molding inserts, Ultrasim® 3D NextMold leverages the advanced photopolymer material **Ultracur3D® RG 3280** to help you accelerate your product development cycles and streamline the production of prototypes and small series.



“The technology achieved the requirements for early prototype production and enabled us to check our product geometry and discover potential failures before we invested in an expensive mold. This meant we could eliminate production defects in the steel mold, therefore reducing the number of correction/optimization cycles.”

— Markus Kaaserer, Expert Techno Polymers, MD ELEKTRONIK

Trusted by Experts



Accelerate your Innovation with Rapid Prototyping

Clear Time Advantage

Go Full Speed, Advancing Molding to the Next Level

- ✓ No delays from mold-suppliers
- ✓ Quick Design iterations for OEMs
- ✓ Quick sales cycles for contract manufacturers

Substantial Cost Advantage

Leverage AM to Reduce Short and Long-Term Costs

- ✓ Cheaper than CNC-milled steel molds
- ✓ No price volatility for external mold manufacturing
- ✓ Lower initial investment for machinery

Material Authenticity

Prototype in Final Materials for Accurate Testing

- ✓ Use Final Materials for your Prototypes
- ✓ Reduce Guesswork and Simulation Efforts
- ✓ Enhance Accuracy with Real-World Material Testing

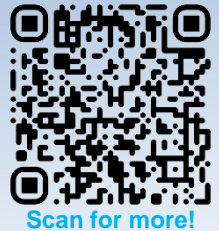
Leverage AM-Accelerated Product Development!



3-Day Leadtime | **Ultrasim® 3D NextMold Inserts**



56-Day Leadtime | **Conventional Steel Molds**



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Discover our Ultrasilim® 3D NextMold Packages

Find the Right Solution Tailored to your Needs

	Ready to Print	Ready to Use	Enterprise
	For experienced AM users who want to profit from expert guidance in mold design, printing, and post-processing, plus free DIY resources.	For beginners in AM. Our end-to-end service delivers a ready-to-use 3D printed mold, including design, printing, and post-processing, with optional add-ons.	Tailored for your business. Get engineering services, software, a printer subscription with a trusted partner, and materials. Includes workshops and rapid support to maximize your technology's potential.
Design of 3D Printable Insert	✓	✓	✓ Fast-Track
Printing Parameter Guidelines	✓	✓	✓
Access to Learning Assets	✓	✓	✓
3-Hour Expert Consulting	✓	✓	✓
3D Printing Service	-	✓	✓ Service-Bureau Network
Software Partner for AM Design	-	-	✓
Printer-on-Premise Solution	-	-	✓
Workshops & Support	-	-	✓
Mechanical Finishing	-	Add-on	Add-on
3D Measurement Scan & Documentation	-	Add-on	Add-on
Mold Simulation	Add-on	Add-on	Add-on
Surface Texture Design	Add-on	Add-on	Add-on
Injection Molded Parts	Add-on	Add-on	Add-on / network
Extended Consulting	Add-on	Add-on	Add-on
AM Materials which can be used	Already validated Materials: PP GF30: Polypropylene Glass Fiber 30%; ABS: Acrylonitrile Butadiene Styrene; PA6.6 GF25: Polyamide 6.6 (Nylon 6.6) Glass Fiber 25%; POM: Polyoxymethylene (also known as Acetal or Polyacetal); PC: Polycarbonate; PBT GF30: Polybutylene Terephthalate Glass Fiber 30%; Other Materials? Contact us!		
Price	Starting at 400€	Starting at 1.100€	On Request

GET STARTED NOW!