

# Injection Molder - 2A Mold Design Concepts

Training	Injection Molding Mold Design Concepts Document							
Level	2A							
Type	<a href="#">SELF-GUIDED DOCUMENT</a>							
Time Estimate	1 hr.							
Prerequisites	<a href="#">Injection Molder - 1B Introduction</a>							
Access Gained	<a href="#">Injection Molder - 2B Advanced</a>							
User Level	<div>TRAINEE</div>							
Objectives	<ul style="list-style-type: none"> <li>• Learn the basics of part design for injection molding.</li> <li>• Introduce mold design components.</li> <li>• Understand the differences between metal and 3D printed molds.</li> </ul>							
Checklist/Document	<b>Self-Guided Training Document (2A):</b>							
Models	<a href="#">TopMUD.stl</a> <a href="#">BottomMUD.stl</a> <a href="#">Morgan Press 3D Model</a> by Alexander Numann							
Design Guides	<b>ADDING FEATURES TO PARTS USING FUSION 360</b> <table border="1"> <tr> <td><a href="#">Drafts</a></td><td><a href="#">Negative Mold</a></td><td><a href="#">Injection Mold Design Guide</a></td></tr> <tr> <td><a href="#">Complex Parting Surfaces</a></td><td><a href="#">Undercuts</a></td><td><a href="#">Ejector Inserts &amp; Pins</a></td></tr> </table> <p>General mold design guides for different CAD software: <a href="#">Fusion 360</a>, <a href="#">SolidWorks</a>, <a href="#">Inventor</a></p> <p>Mold flow analysis guides: <a href="#">Fusion 360</a>, <a href="#">MoldFlow Insight</a>, <a href="#">SolidWorks</a>, <a href="#">Inventor</a></p>		<a href="#">Drafts</a>	<a href="#">Negative Mold</a>	<a href="#">Injection Mold Design Guide</a>	<a href="#">Complex Parting Surfaces</a>	<a href="#">Undercuts</a>	<a href="#">Ejector Inserts &amp; Pins</a>
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Other	<b>Machine Dimensions:</b>							



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