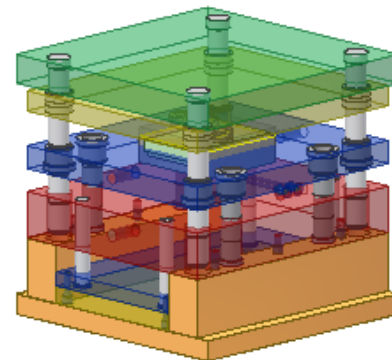


# Inventor Mold Design Name and Browser Reference

Autodesk Inventor provides integrated mold functionality for the purpose of Mold Design. Using the intelligent tools and catalogs provided in Mold Design Environment, you can quickly generate accurate mold designs directly from digital prototypes.

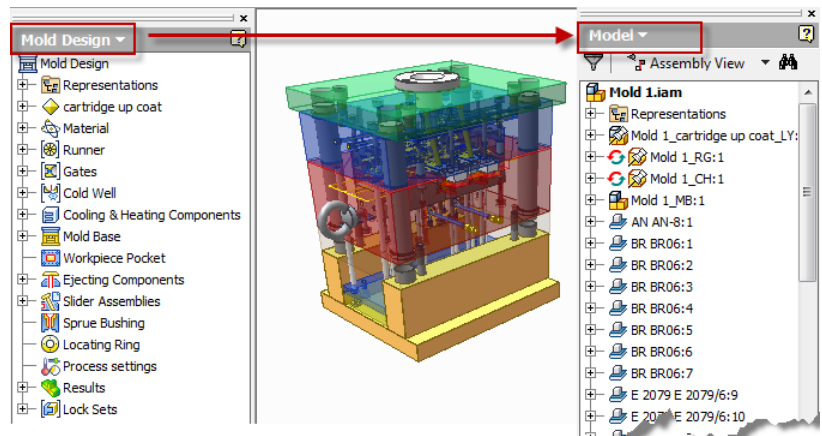
Moreover, the simplified approach to the modeling environment and automatic file classification saves time and effort in creating a complex assembly structure. This paper showcases the Mold Design model browser and automatic file naming that occurs during this process.



## Inventor Mold Design Model Browser

The Mold Design browser graphically illustrates the steps in the mold design process. Each browser node contains components and features that are part of each step in the process. The Mold Design browser performs the following functions:

- Organizes and manipulates mold design data
- Shows and hides selected components
- Controls and provides alternate access to functions on the context menu



## Inventor Mold Design File Naming

Naming rules apply to all files that are created using the default naming scheme in the Mold Design application. To simplify file management, the following abbreviations are used.

<u>Mold Component Type</u>	<u>Two Letter Abbreviations</u>	<u>Full File Naming</u>
Mold Design Top Assembly		<Mold Design>.iam.
Layout Assembly	LY	<Mold Design>_<Plastic Part>_LY.iam
Part Zone Assembly	PZ	<Mold Design>_<Plastic Part>_PZ.iam
Moldable Part	MP	<Mold Design>_<Plastic Part>_MP.ipt
Workpiece	WP	<Mold Design>_<Plastic Part>_WP.ipt
Core	CR	<Mold Design>_<Plastic Part>_CR.ipt
Cavity	CV	<Mold Design>_<Plastic Part>_CV.ipt
Insert Sketch	IS	<Mold Design>_<Plastic Part>_IS.ipt
Insert	IN	<Mold Design>_<Plastic Part>_IN<n>.ipt
Cooling Channel	CH	<Mold Design>_CH.ipt
Runner	RG	<Mold Design>_RG.ipt
Mold Base	MB	<Mold Design>_MB.iam
Slider Assembly	SA	<Mold Design>_<Plastic Part>_SA<n>.iam
Lifter Assembly	LA	<Mold Design>_<Plastic Part>_LA<n>.iam
Lock Sets	LS	<Mold Design>_LS<n>.iam

*The suffix <n> is incremental based on the number of unique occurrences.*