

# MANUFACTURING PROCESS

TOOLS FOR A SUCCESSFUL STARTUP

## QUOTING

To get the most accurate quote, there are a number of factors to consider. The more comprehensive your drawing, the better we will understand your part's form and function. Knowledge of the intended application will influence material selection and part design. Additionally, knowing the quantity you need will give a more accurate assessment of the lead and production time required.



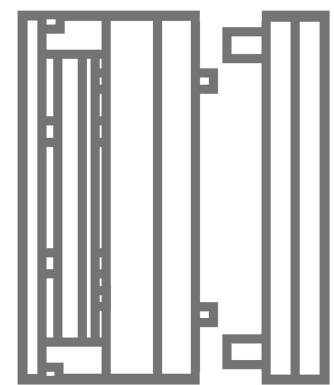
## DESIGN

There are several factors that can impact the repeatability of the process and the quality of the final product. To yield the full benefits of the process, the designer will follow certain design guidelines and may request changes to your design and tolerances.



## TOOL BUILD

The mold design is influenced by a number of factors. Part size can impact what machines are used, while part complexity will determine additional processes such as two-shot or overmolding. Finally, molds can be made of various types of metal which impacts price and durability.



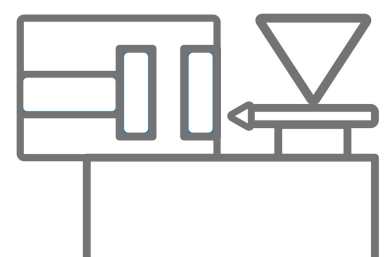
## VALIDATION

Qualifying a mold and validating the molding process in the medical device industry requires the validation process includes IQ, OQ, and PQ processes. During this process, we will determine whether the mold is functionally operational and capable of making the part for which it was designed and built. Our quality system is adaptable to special requirements.



## PRODUCTION

Once the tool is validated, your product can begin being manufactured. And since we are a full-service manufacturer, we can take your product from design to completion...molding, assembly, and packaging.



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