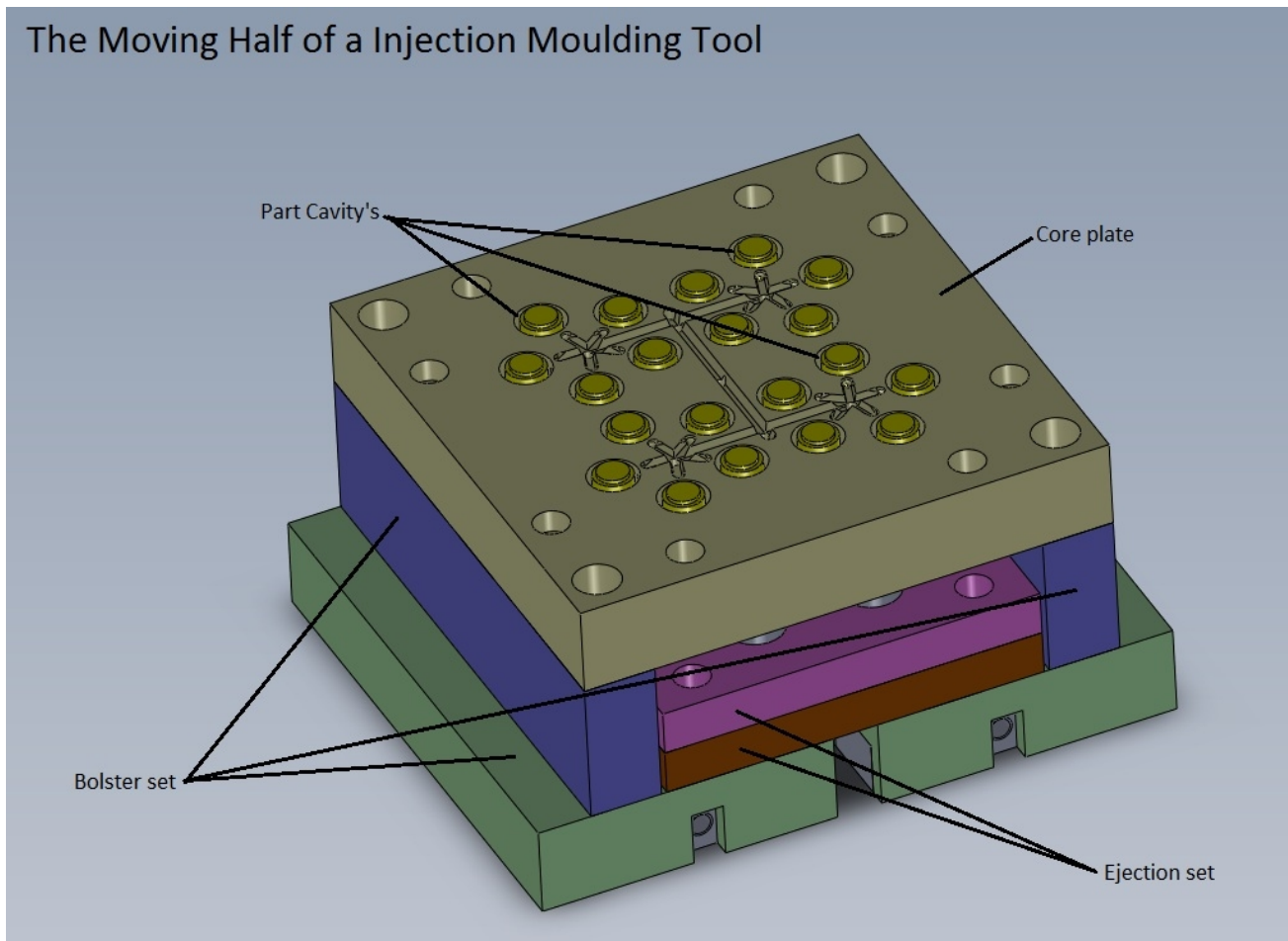


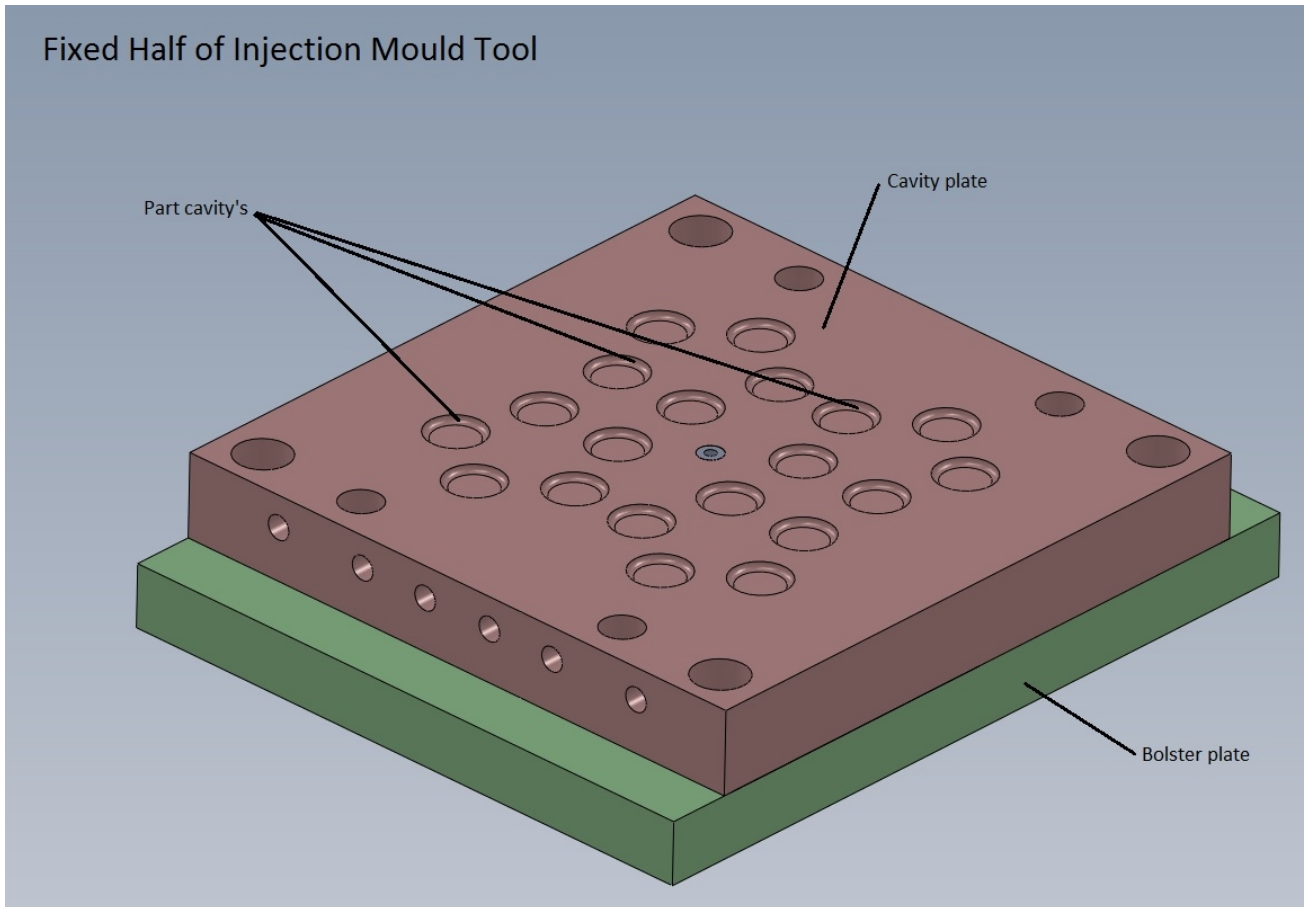
Standard Bolster, what it is and how it works?

So what is a Bolster?

The bolster plates are a means to enable Tool to be fitted to the injection moulding machine.

Below is a diagram of how a injection mould tool is laid out





So what is a Standard Bolster?

Here at Ledwell plastics we have a standard bolster system in place that allows us to produce cheaper tooling. We can achieve this by using a common adjustable bolster plate system. This however has the following disadvantages over full tooling.

- On occasion the production lead times may be longer due to the bolster system already being in use with another customer.
- Ledwell Plastics own the bolster system meaning you are only purchasing the ejection system and core, cavity plates hence the cheaper price. If for any reason you had to remove the tools from us, to place them elsewhere, you would have to have a bolster system made to fit your core and cavity plates.
- The standard bolster system is not possible for some types of tooling design and will only be offered when applicable

Full tooling,

It is based on these disadvantages that we also offer full tooling. Full tooling gives the peace of mind that you own the complete tool. This also removes any of the above disadvantages and helps with the continuity of your work load.

So which way should I choose?

Standard Bolster Route.

If you have a start up project and you are unsure of how it's likely to pan out then the standard option is probably best for you. This option leaves you with minimum exposure and is the ideal route to market. We can at a later stage manufacture a tool bolster specifically for your tooling if the need occurs, however be aware that this will cost you more than if ordered at the time of initial manufacture simply due to economies of scale and set-ups etc.

Full Tooling.

If you already have a definite need for your product and your quantities are large then it's worth paying the extra amount initially to ensure we can deliver your product on time. We would always recommend for large production numbers that a full bolster tool be purchased.