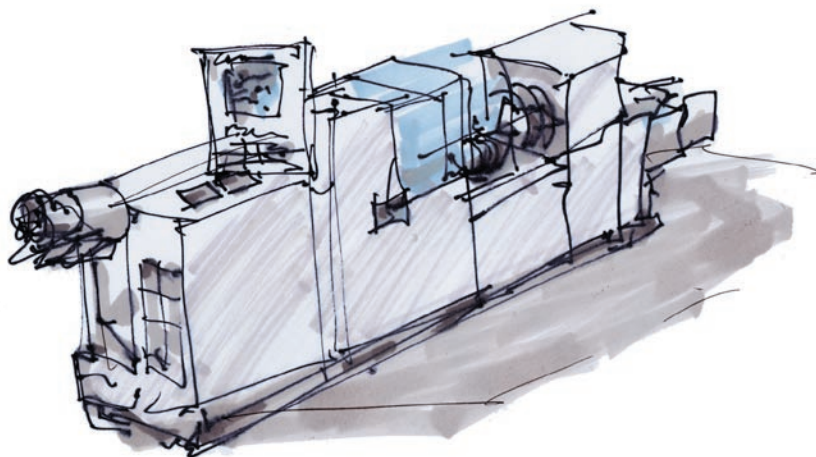


Tools & Gauges

Ledil wants to be an active partner in tooling for its customers. We have selected partners making high-precision injection moulding tools, both for optical and non-optical elements. We also have good contacts to toolmakers for e.g. welding and stamping tools and measurement gauges. Ledil can offer you from assistance in tool sourcing to taking a total responsibility for all tools for a designed product.

Tool specification

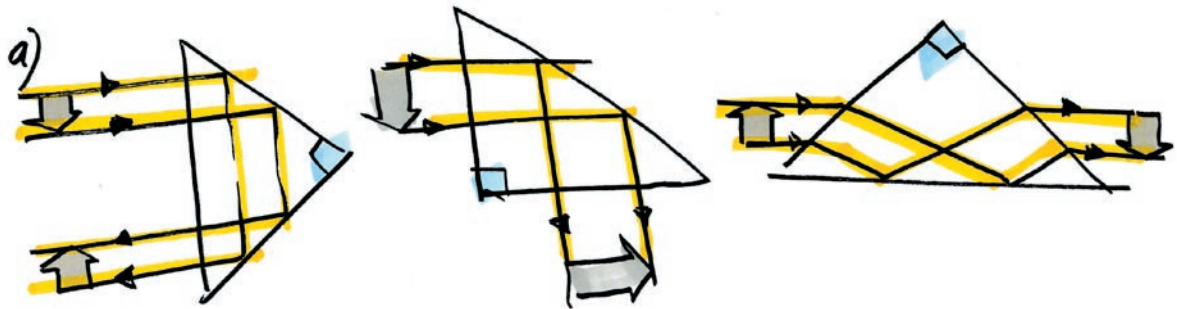
Construction of tools is to great extent decided already in the product design phase. During product design process we have ensured that the made design can also be converted into tooling. What is normally to decide is, e.g., which are the most suitable materials and mechanical solutions with regard to the amount of parts needed or customization of tooling to fit the customer's production facilities and machines.



Sourcing

Some toolmakers have specialized in some specific type of tooling and in some type of machining. They can offer these tools to more competitive conditions than the others. Ledil can help you to find the right partners for your specific product or to take care of the total sourcing process, whichever of these meets your needs in the best way.





Optical tools

Optical tools often include details that every toolmaker cannot handle. For instance, fresnell type lenses, optical inserts, polishing of lens surfaces or choice of materials may be areas where you need assistance. Ledil can offer you assistance or take total responsibility for supplying you these tools ready-made.

Metal part and PCB tools

Lighting products and plastics products in general often need some non-standard metal parts and PCBs. Especially some stamping tools may be very extensive and have high quality requirements. As for other tools, we have good contacts to these toolmakers, and we will do our best to help our customers in this area.

