



speedimold – custom-made parts manufactured by injection moulding

Cost-effective prototypes and series production

Original iglidur® tribo materials

Tailored to your application

Delivery time from 3 days

For quantities ranging from a few hundred to
several million



Customised & cost-effective: Your plastic plain bearing in the required design, material and quantity



"Show me the plastic part that gives you a problem. I'll provide you with a solution!"

With this idea, Günter Blase founded igus® over 50 years ago, and it still holds true today: hence, customer-specific series solutions are part of our daily work just like catalogue parts.

Your igus® plastic plain bearings:

- Lubrication and maintenance-free
 - Cost-effective
 - Customised parts from 3 days delivery time
 - Service life predictable in advance
 - From 1 piece to several million pieces:
Always the appropriate manufacturing process
 - All iglidur® materials possible
 - New development of specific materials possible
 - Joint dimensioning and design coordination
- www.igus.eu/specialbearings

Custom manufactured

With speedimold, there are two different methods: first, custom-made plastic parts can be produced with 3D-printed injection moulds and second, with the aid of machined aluminium tools.

In the 3D printing process, users can choose their custom-made part from over 50 different iglidur® tribological materials optimised for friction and wear. The material of the 3D-printed mould is tailored to withstand the high temperatures and pressure prevailing in injection moulding.

You can produce from just one piece up to 500 parts, prototypes or small batches from a 3D-printed injection mould.

For batches between 200 and 2,000 pieces, the injection moulded part can also be produced with an aluminium tool. This lean manufacturing method also saves the user time and money here: aluminium tools are also lower cost and faster to produce than steel moulds, as no lengthy hardening is required.

In 3 steps to your individual plain bearing

1. Submit an enquiry

Fill in the form with some basic information: quantity and requirement, such as food contact, dirt resistance, low wear etc. and upload the CAD files, for example.

After one of our specialists has contacted you for a consultation, you will receive a quotation.

2. We produce your required component

Upon order, igus® starts with the production process.

3. Your receive your product

Your required component is ready to ship and delivered quickly.

Submit an enquiry:

► www.igus.eu/specialbearings-enquiry

