

## iglidur® Bar stocks



Standard range from stock

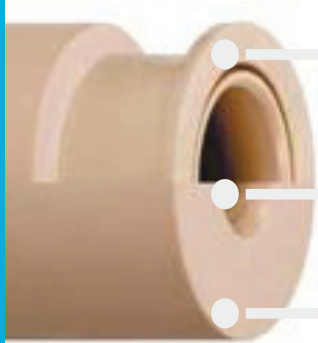
iglidur® materials as round material

Maintenance-free and predictable service life

Fast delivery and low priced

# iglidur® Bar stocks | For free design

Choose material, dimensions and geometry – fast machining with Speedicut. iglidur® gives design freedom – now available as round material, mechanically finished special parts or customized moulded parts – for prototypes, test samples and low volume requirements.



iglidur® materials as  
round material

Maintenance-free and  
predictable service life

fast delivery  
and low priced



## When to use it?

- If the required dimension is not in iglidur® catalog range
- If you need a stock bar with excellent wear rates and coefficient of friction
- If you need only a small size from iglidur® special parts
- If you need to make a prototype using igus® bearings



## When not to use it?

- If an equal iglidur® standard catalog bearing is available
- If you need an iglidur® plain bearings with special dimensions in high quantity
  - ▶ Please ask us
- If you need a stock bar without any tribological properties

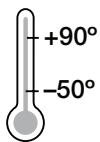
## Product range

10 materials  
Ø 10–100 mm  
more dimensions  
on request

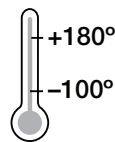
## Material data for Bar stocks

iglidur® A180	▶ page 395
iglidur® A350	▶ page 421
iglidur® J	▶ page 93
iglidur® J4	▶ page 1126
iglidur® J350	▶ page 241
iglidur® P210	▶ page 191
iglidur® R	▶ page 261
iglidur® T220	▶ page 451
iglidur® W300	▶ page 135
iglidur® X	▶ page 157

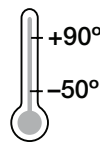
## Temperatures



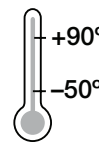
iglidur® A180



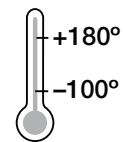
iglidur® A350



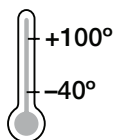
iglidur® J



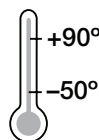
iglidur® J4



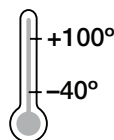
iglidur® J350



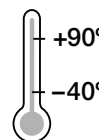
iglidur® P210



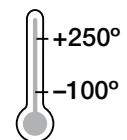
iglidur® R



iglidur® T220



iglidur® W300



iglidur® X

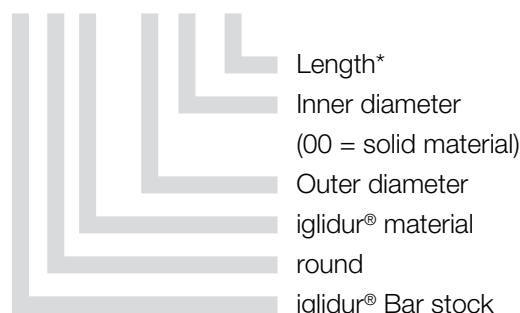






# iglidur® Bar stocks | Product Range








## Order key

### SFR□ - 3000-500



Part number	Dimensions [mm]	
	Ø	Lengths
 <b>iglidur® J – Allrounder, good wear-resistance and high efficiency</b>		
SFRJ-1000	10	100 to 1000*
SFRJ-2000	20	100 to 1000*
SFRJ-3000	30	100 to 1000*
SFRJ-4000	40	100 to 1000*
SFRJ-5000	50	100 to 1000*
SFRJ-6000	60	100 to 1000*
SFRJ-8000	80	100 to 1000*
SFRJ-10000	100	100 to 1000*
 <b>iglidur® W300 – Material for high load requirements</b>		
SFRW-3000	30	100 to 1000*
SFRW-6000	60	100 to 1000*
 <b>iglidur® A180 – Allrounder for medical and food industry (FDA compliant)</b>		
SFRA180-1000	10	100 to 1000*
SFRA180-2000	20	100 to 1000*
SFRA180-3000	30	100 to 1000*
SFRA180-4000	40	100 to 1000*
SFRA180-5000	50	100 to 1000*
SFRA180-6000	60	100 to 1000*
SFRA180-8000	80	100 to 1000*
SFRA180-10000	100	100 to 1000*
 <b>iglidur® J350 – high-temperature material</b>		
SFRJ350-3000	30	100 to 1000*
SFRJ350-4000 <b>New!</b>	40	100 to 1000*
SFRJ350-5000 <b>New!</b>	50	100 to 1000*
SFRJ350-6000 <b>New!</b>	60	100 to 1000*

Part number	Dimensions [mm]	
	Ø	Lengths
 <b>iglidur® J4 – wear resistant and cost-effective</b>		
SFRJ4-2000	20	100 to 1000*
SFRJ4-3000	30	100 to 1000*
SFRJ4-4000	40	100 to 1000*
SFRJ4-5000	50	100 to 1000*
SFRJ4-6000	60	100 to 1000*
 <b>iglidur® P210 – Material for high speeds at low loads</b>		
SFRP210-3000	30	100 to 1000*
SFRP210-4000 <b>New!</b>	40	100 to 1000*
SFRP210-5000 <b>New!</b>	50	100 to 1000*
SFRP210-6000 <b>New!</b>	60	100 to 1000*
 <b>iglidur® A350 – High-temperature material for medical and food industry (FDA compliant)</b>		
SFRA350-3000	30	100 to 1000*
SFRA350-4000 <b>New!</b>	40	100 to 1000*
SFRA350-5000 <b>New!</b>	50	100 to 1000*
SFRA350-6000 <b>New!</b>	60	100 to 1000*
 <b>iglidur® T220 – Material for tobacco industry</b>		
SFRT220-3000 <b>New!</b>	30	100 to 1000*
SFRT220-4000 <b>New!</b>	40	100 to 1000*
SFRT220-5000 <b>New!</b>	50	100 to 1000*
SFRT220-6000 <b>New!</b>	60	100 to 1000*
 <b>iglidur® X – media-resistant high-temperature material</b>		
SFRX-3000 <b>New!</b>	30	100 to 1000*

\* length in mm from 100 to 1000 graduated in 100 mm steps



**delivery time** from stock



**prices** price list online  
[www.igus.eu/barstock](http://www.igus.eu/barstock)

## Find & compare semi-finished products

iglidur® materials as semi-finished products for free designing. This material finder helps you find the right iglidur® material for your project with a few clicks!

Select the requirements for the bearing **1**, and then enter the surface pressure and the temperature parameter **2**.

The results are displayed below in conjunction with your selection **3**.

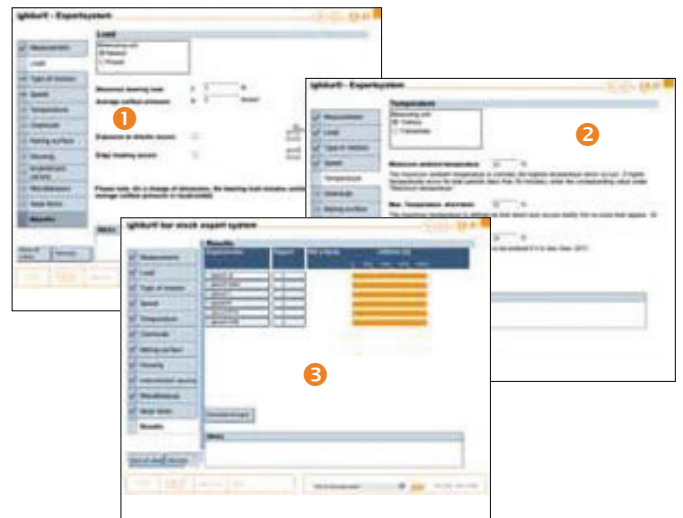


## Calculate lifetime of semi-finished products

Quick calculation of the service life of your iglidur® semi-finished product.

In the first step, enter the product details **1** and then enter page for page the details relevant for your application of the iglidur® material **2**. In no time you will be given the service life of your product under the operating conditions you have specified.

The results are displayed as service life in hours **3**.



## Configure required dimensions

Quickly configure your required bearing and determine its price.

Select the desired bearing type **1** and then enter the dimensions **2** and the material selection **3** of the bearing, then select the tolerance of the mounting hole **4**.

Enter the quantity and you immediately see the price online **5**. If the "on request" is shown, please enter your personal details and send us a request. We will contact you shortly.





## speedigus



iglidur® materials as customized molded parts

Maintenance-free and predictable service life

Fast delivery and low priced

# speedigus | Customized moulded parts

**What is speedigus?** Simple: choose out of 9 any iglidur® materials, get moulded parts in 1 to 10 days, depending on complexity of the part. Full technical component information given with every quotation, including leadtime options. Absolute maximum delivery time is 15 days.



## How does speedigus work?

- 1 Tell us about your special part: material, special requirements etc. and upload or email us your 3D model
- 2 Check your speedigus quotation, select your required leadtime, then place your order
- 3 The speedigus tool for your part is manufactured
- 4 The parts are moulded in the igus® material which you have selected
- 5 You fit your parts

**Your requirements**

<input type="checkbox"/> Maximum service life in dry operation	<input type="checkbox"/> Low coefficient of friction	Min. 200h (20°C pressure 22°C)
<input type="checkbox"/> Oil-resistant	<input type="checkbox"/> High resistance to chemicals	
<input type="checkbox"/> Vibration damping	<input type="checkbox"/> Good fit in housing	Good long-term stability of temperature 20 °C
<input type="checkbox"/> Low retention absorption	<input type="checkbox"/> Uniform size application	Low retention temperature 0 °C
<input type="checkbox"/> FDA compliant Foodstuff	<input type="checkbox"/> Good efficiency	
<input type="checkbox"/> E-Check components		

The algorithm bearing loaded for you:

iglidur®	iglidur®	iglidur®	iglidur®	iglidur®	iglidur®
iglidur®	iglidur®	iglidur®	iglidur®	iglidur®	iglidur®

The best material with the shortest bearing production time  
 gives you the best quality for your investment.

**Speedigusts**

Set up your material you want the part made in, and upload a 3D model (max. 10 MB)

Quantity required:

3D model of your part

How you can upload files with a maximum of 10 MB

File 1	<input type="text"/>	<input type="button" value="Browse..."/>
File 2	<input type="text"/>	<input type="button" value="Browse..."/>
File 3	<input type="text"/>	<input type="button" value="Browse..."/>
File 4	<input type="text"/>	<input type="button" value="Browse..."/>
File 5	<input type="text"/>	<input type="button" value="Browse..."/>



**delivery** 1–15 days  
**time**