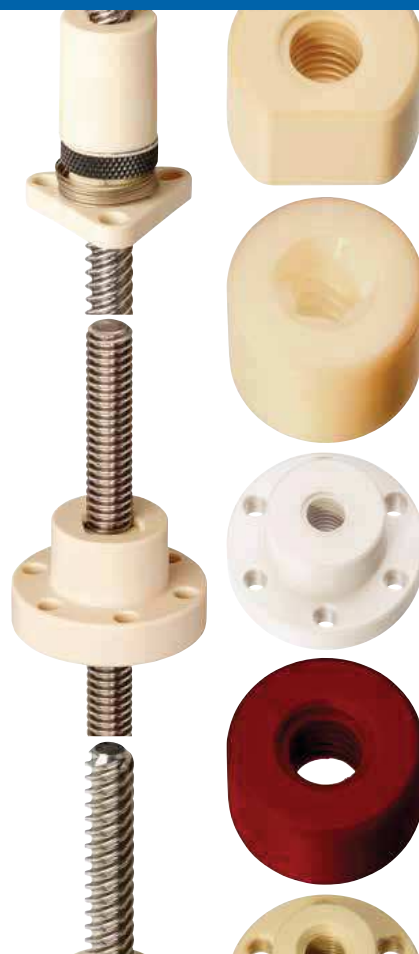


drylin®
Lead screw technology



plastics



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drylin® technology

				
Lead screw nuts with flange	Lead screw nuts with flange	Cost-effective injection-moulded lead screw nuts, cylindrical/with flange	Lead screw nuts with pre-load iglidur® J	Lead screw nuts, zero-backlash iglidur® J
► Page 1260	► Page 1264	► Page 1268	► Page 1277	► Page 1279

metric threads

drylin® lead screw technology – trapezoidal and metric threads

				
Lead screws with machined end	Multi start lead screws	LH/RH lead screws	Metric lead screws	Cylindrical lead screw nuts, single start
► Page 1288	► Page 1290	► Page 1292	► Page 1294	► Page 1300

metric threads

				
Lead screw nuts with flange, multi start	Lead screw nuts with flange, multi start	Cylindrical lead screw nuts, lead screw nuts with flange metric	Cost-effective injection-moulded lead screw nuts	Anti-backlash lead screw nuts
► Page 1310	► Page 1312	► Page 1314	► Page 1316	► Page 1324

metric threads

drylin® lead screw technology – special designs

			
Split lead screw nuts made from iglidur® J	Lead screw nuts for linear modules	Lead screw nuts with locating spigot	Spherical lead screw nuts in flanged bearing housing
► Page 1328	► Page 1330	► Page 1334	► Page 1336

	Complete lead screw nut housing, including lead screw nut	► Page 1340
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	Lead screw support blocks with plain bearings	► Page 1342
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	Lead screw support blocks with ball bearings	► Page 1346
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	Clamping rings	► Page 1348
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	The biggest online lead screw shop	► www.igus-asean.com/leadscrewshop
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an.com/drylinSD



3D CAD files, prices and delivery time online ► www.igus-asean.com/drylinSD 1233

Advantages and corrosion-resistant lubrication-free drylin® screw technology

Linear drives are machine elements that convert rotary movement into linear motion. Linear screw drives are always based on lubricating plastic nuts, enabling long-lasting operation without external lubrication. The drylin® technology offers a longer service life and greater safety for high helix threads thanks to the various geometries being tailored to the nut and the lead screw.

It is durable drylin® high helix threads making trapezoidal and metric threads maintenance-free dry operation

lubrication-free
resistant to dirt

Application areas
In adjustments
technology
in equipment
in the industry
in the automotive industry

Available from stock
Detailed information about delivery time online.

Price breaks online
No minimum order quantity. No minimum order quantity.

Max. +150°C
Min. -20°C

Service life calculation
• www.igus-asean.com/drylin-expert

Nominal dimensions and ACME
thread (USA standard) ▶ Page 1620

in accordance with EC Directive 2011/65/EU (RoHS 2)
n (of the use of certain) hazardous substances

www.igus.com/drylinSD



drylin® lead screw technology | Product overview

High helix threads with dryspin® technology



High helix lead screws

- Material: stainless steel or anodised aluminium
- Better efficiency due to optimised thread angle
- Quiet due to rounded tooth geometry
- Long service life due to asymmetric dryspin® geometry

▶ From page 1244



High helix lead screw nuts

- Lubrication-free lead screw nuts made from 5 materials
- Types: Cylindrical, with flange or spanner flat
- Reduced clearance through zero-backlash

▶ From page 1254

Self-locking trapezoidal and metric threads



Trapezoidal and metric lead screws

- Material: steel, stainless steel or anodised aluminium
- Product range from M3 to Tr50x8
- Multi start lead screws and right/left opposite drive available

▶ From page 1288



Trapezoidal and metric lead screw nuts

- Lubrication-free lead screw nuts made from 10 different materials
- Types: Cylindrical, with flange or spanner flat
- Clearance reduction via anti-backlash feature

▶ From page 1300



Special designs

- Lead screw nuts for drylin® linear modules, with flange or locating spigot
- Split and spherical lead screw nuts with housing
- Disc for customised clearance adjustment
- Fast-Forward quick release nut for fast adjustment

▶ From page 1327



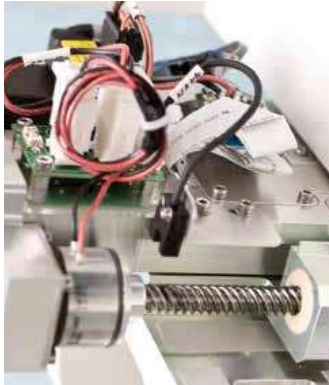
Lead screw technology accessories

- Nut housing for drylin® lead screw nuts
- Anodised lead screw support blocks, on plain or ball bearings
- Clamping ring for securing lead screw

▶ From page 1342



mer was looking for a cost-effective, lightweight
erance-free standard solution for small installation
ists and weight could be reduced thanks to the
i-free products from igus®.

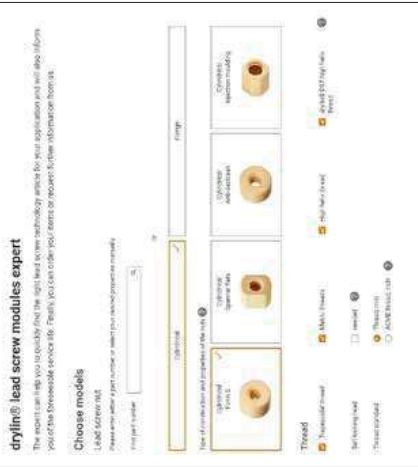


of lubrication-free drylin® trapezoidal lead screw
iece of laboratory equipment for liquid handling.



rain components of the mechanical movements,
ie linear axis, plain bearings, guide systems, etc.
products.

ian.com/drylinSD



**Expert for lead screw drives:
Find and calculate suitable lead screw drives**
Our drylin® expert systems for lead screw drives help you
to find the right product quickly whilst giving the predicted
service life. You have the option to configure and request
your required dimension for lead screw nuts and lead
screws.



► www.igus-asean.com/leadscrew-expert



Download the online tool
app now

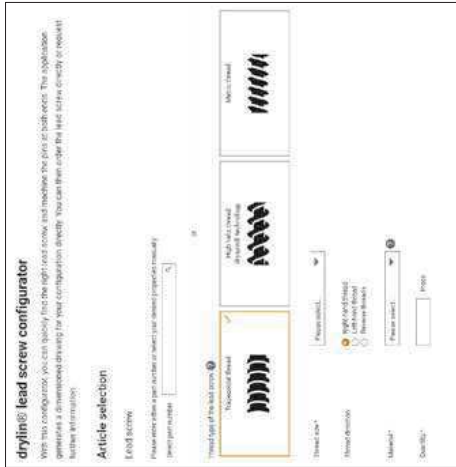


**Configurator for lead screw drives:
configure required dimensions**

Ask quickly and easily for lead screw nuts and lead screws
in individual dimensions.



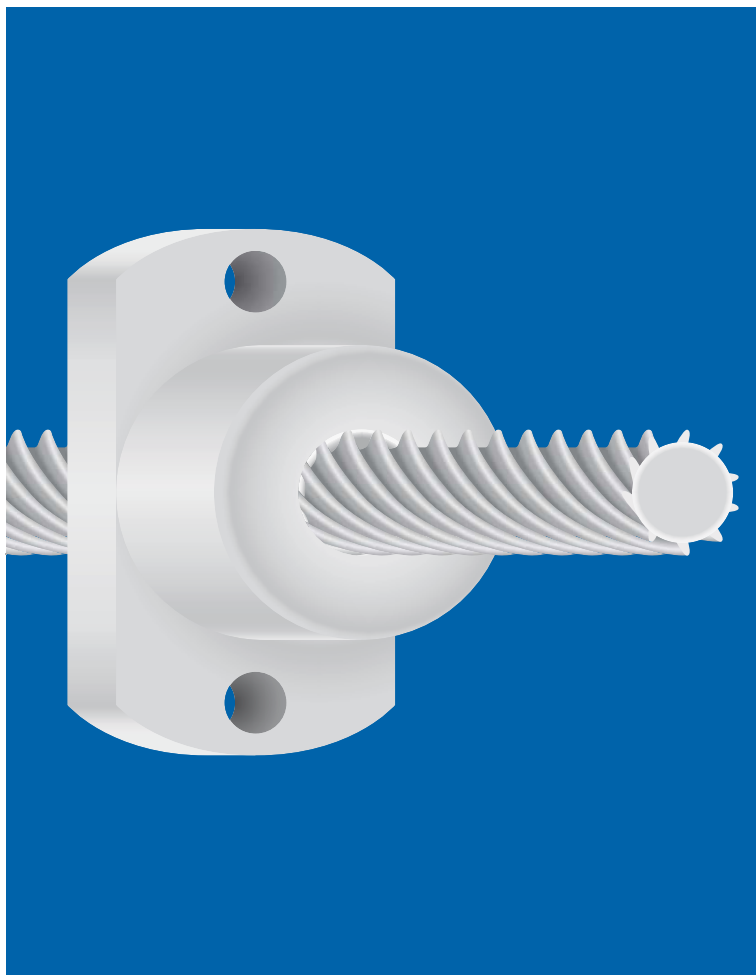
► www.igus-asean.com/leadscrew-configurator



Lead screw configurator

Individually configured lead screws and machined ends
can now be generated with just a few clicks. In addition
to selection of the lead screw geometry and the materials,
there are up to 7 options for machined ends.

► www.igus-asean.com/leadscrew-configurator



drylin® lead screw technology – dryspin® technology

Efficient high helix thread

Lead screw nuts made from lubrication-free

dry-tech® tribo-polymers

High efficiency and longer service life

Quiet operation with vibration dampening

Resistant to dirt



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