

Agri

igus® solutions for agricultural engineering

plastics for longer life®... igus

.cultural

... www.igus.eu/agriculture ...

Reduce cost ...



Dipl.-Ing. agr.
Uwe Sund
Industry Manager
Agricultural Technology
Tel.: +49-2203 9649-487
Email: usund@igus.de

Innovations from tribo-plastics for agricultural machinery. The use of plastic plain bearings facilitates 8 times longer service life.

Especially in agricultural applications, you need solutions that can stand up to rough conditions, such as dirt, shock and edge loads. The absence of lubricants and a long service life are equally important.

In many applications, metallic bearings or recirculating ball bearing guides can be replaced by Lubrication-free polymer plain bearings. We would like to show you how to improve your technology and save costs at the same time.*

The advantages of igus® polymer plain bearings, especially for agricultural applications are:

- Dry-running and corrosion resistant
- Resistant to dust and dirt
- High mechanical stability
- Vibration dampening
- Compensation of misalignment
- Custom parts to drawing even for small quantities

Our online tools also enable you to reduce process costs. igus® delivers from stock in 24-48 hours! Also, see our industry website.

 www.igus.eu/agriculture

I look forward to speaking with you.

*Read more from page 17.

... improve technology ...



... with motion plastics®
products from igus®...

Resistant against dirt ...

Agricultural engineering application examples ...



Disc harrow
(width adjustment)



igidur® G plastic plain bearings

- Maintenance free
- Insensitive to shock and edge loads
- Resistant to dirt

www.igus.eu/G

... high loads and chemicals

... many more examples online www.igus.eu/agriculture

Root ball transplanter



igidur® G plastic plain bearings

- Maintenance free dry run
- High abrasion resistance
- Resistance to dust and dirt
- More than 650 dimensions
- Available from stock
- Cost effective

www.igus.eu/G



Reel bearing harvester



igidur® J plastic plain bearings

- Reliable even after prolonged shutdown
- Corrosion resistant
- Well suited when used with soft shafts

www.igus.eu/J

Overload protection cultivator



igidur® plastic plain bearings

- Self lubricating and corrosion resistant
- Insensitive to high static peak loads and edge loads
- Cost effective

www.igus.eu/igidur



Resistant against dirt ...

Agricultural engineering application examples ...



Fertilizer spreader



igubal® clevis joint

- Corrosion resistant
- Vibration dampening
- Can be combined with dimensional series E rod ends

www.igus.eu/clevisjoint

... high loads and chemicals

... many more examples at www.igus.eu/agriculture

Wind machine frost fan



e-spool

- Simple handling
- New compact design for small installation spaces

www.igus.eu/e-spool



Fertilizer factory



e-chain® E4.1

- Large module kit for custom configuration
- Media-resistant
- Extremely robust

www.igus.eu/E41

Harvester



easy chain®

- Very easy assembly
- Cost effective
- For limited installation spaces

www.igus.eu/easychain



Resistant against dirt ...

Agricultural engineering application examples ...



Hay tedder



igidur® G plastic plain bearings

- Impact and shock resistant
- Cost effective
- Media-resistant

 www.igus.eu/G

... high loads and chemicals

... many more examples at www.igus.eu/agriculture

Pendulum axis



igidur® G plastic plain bearings

- Suitable for soft shafts
- Media-resistant

 www.igus.eu/G



Track width adjustment



igidur® G plastic plain bearings

- High static forces
- Vibration dampening

 www.igus.eu/G

Telescopic farm loaders



e-chain® E2/000

- Excellent mechanical stability
- Assembly-friendly, easy to open
- Safely guides cables and hoses

 www.igus.eu/E2000



Extremely wear-resistance ...

Plain bearing technology from igus® ...



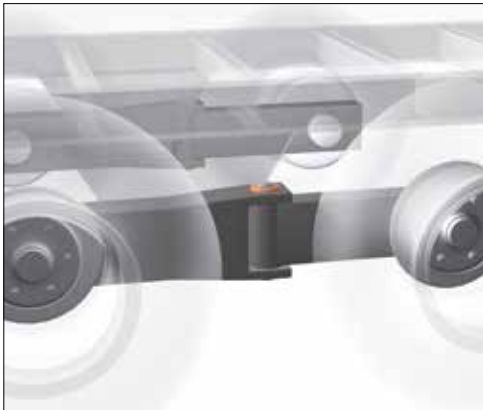
Cylinder



iglidur® P polymer plain bearings

- For high surface pressures
- Resistant to impacts
- Lubrication-free

 www.igus.eu/P



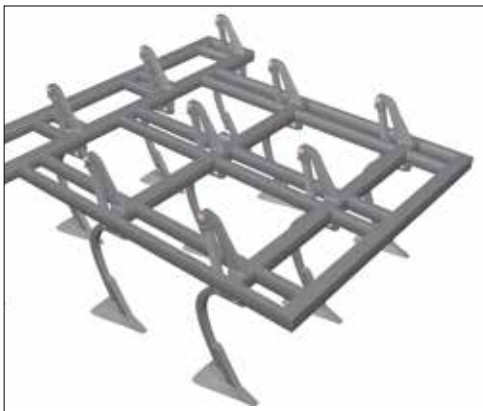
Axle bearing



iglidur® Q polymer plain bearings

- Extremely robust and resistant to slurry
- Reliable even after a long period of inactivity

 www.igus.eu/Q



Set bearings



iglidur® G plastic plain bearings

- High static and impact loads
- Self lubricating and corrosion resistant

 www.igus.eu/G

... resistant to dirt ...

... in agricultural machines

Power lift



iglidur® G plastic plain bearings

- Vibration dampening
- Media-resistant
- Reliable even after long periods of inactivity

 www.igus.eu/G



Sowing coulter



iglidur® G plastic plain bearings

- Vibration dampening
- Media-resistant
- Reliable even after long periods of inactivity

 www.igus.eu/G



Front loader



iglidur® Q2 plastic plain bearings

- For high-load pivoting applications
- Insensitive to shock and edge loads
- Maintenance free dry run

 www.igus.eu/Q2



... robust ...

Plain bearing technology from igus® ...



Steering system and pedals



igidur® J plastic plain bearings

- Low coefficients of friction
- Vibration dampening

 www.igus.eu/J



Chassis bearings / suspension



igidur® Z polymer plain bearings

- Suitable for high loads
- Vibration dampening
- Insensitive to edge loads and impacts
- Resistant against fuel oils and oils

 www.igus.eu/Z



Tractor doors



igidur® G plastic plain bearings

- High static and shock loads
- Self lubricating and corrosion resistant

 www.igus.eu/G

... maintenance free ...

... in agricultural machines

Trailer



igidur® Q plastic plain bearings

- Extremely robust and resistant to manure
- Reliable even after long periods of inactivity

 www.igus.eu/Q



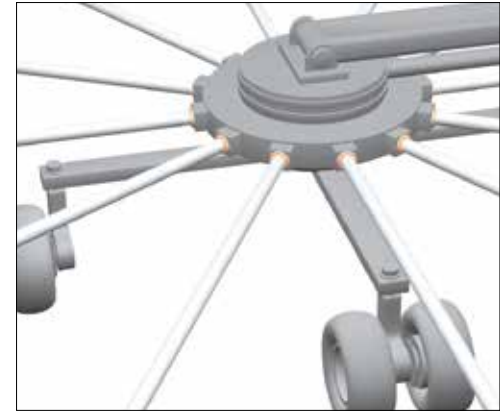
Hay spreader



igidur® G plastic plain bearings

- High static and shock loads
- Self lubricating and corrosion resistant

 www.igus.eu/G



Milking arm



igidur® J plastic plain bearings

- Low coefficients of friction
- Vibration dampening

 www.igus.eu/J



Lube-free polymer bearings ...

Plain and spherical plain bearings technology from igus® ...



Rotary pump



igidur® UW plastic plain bearings

- Lowest wear in underwater applications
- Cost effective solution

 www.igus.eu/UW



Animal technology



igubal® spherical bearings

- Resistant to dust and dirt
- Self lubricating and corrosion resistant

 www.igus.eu/igubal



Fertilizer spreader



igubal® clevis joint

- Very low weight, high tensile forces
- Vibration and noise dampening
- Absolute corrosion resistance

 www.igus.eu/igubal

... available from stock

... in agricultural machines

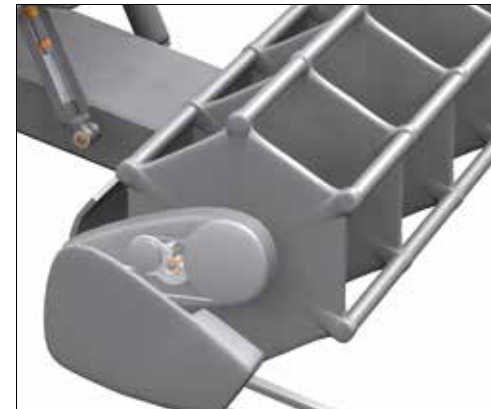
Combine harvester



igidur® J plastic plain bearings

- Low coefficients of friction
- Vibration dampening

 www.igus.eu/J



Seeders (width adjustment)



drylin® W profile guide

- Resistant to dust and dirt
- Square rail with floating bearing function for lateral installation
- Low weight and quiet operation

 www.igus.eu/drylinW



Mulcher (width adjustment)



igidur® G plastic plain bearings

- High static and impact loads
- Self lubricating and corrosion resistant

 www.igus.eu/G



... in cabins



1 Mirror adjustment
igidur® J plastic plain bearings

- Low coefficients of friction, low wear

www.igus.eu/J



2 Monitor adjustment
drylin® W profile guide carriages

- Flexible and easy to position

www.igus.eu/drylinW



3 Head rest back adjustment
drylin® W profile guide

- Lubrication-free and modular
- Quick installation

www.igus.eu/drylinW



5 Steering column bearing
igidur® J plastic plain bearings

- Low friction coefficients, low wear
- Low moisture absorption

www.igus.eu/J



7 Connection hydraulic valve
igubal® double joint

- Compensation of misalignment
- Modular kit system

www.igus.eu/igubal



9 Seat back adjustment
drylin® profile guide

- Lubrication-free and modular

www.igus.eu/drylinW



4 Steering column bearing
drylin® plastic linear bearing

- Quick clip-on mounting
- No axial securing required

www.igus.eu/jucm



6 Operating element
triflex® 3D e-chain®

- Moving along all axes

www.igus.eu/triflexR



8 Armrest adjustment
drylin® N low profile guide

- Light, low profile dry running

www.igus.eu/drylinN



10 Seat bearing adjustment
e-chain® E2, chainflex® cables

- Stable, quiet and quick to assemble

www.igus.eu/E2 www.igus.eu/chainflex

iglidur® plastic plain bearings ...

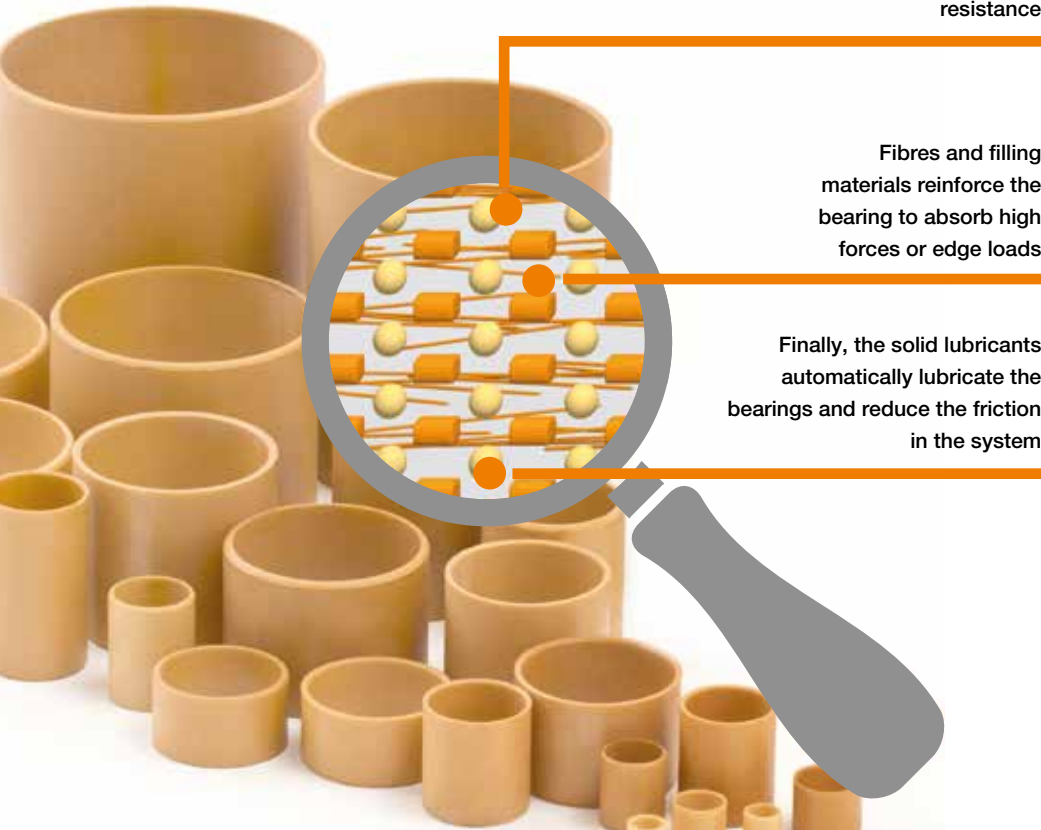
Lubrication- and maintenance-free plain bearings ...

No lubrication or maintenance required, while cutting costs and increasing service life, everything from stock and delivered promptly – that is the central idea of all iglus® products. iglidur® plastics have been extensively tested with respect to wear and friction values including other relevant material properties. iglidur® polymer plain bearings from iglus® signify the step from the plastic bushing to the tested and therefore predictable machine element.

- Absolutely lubrication-free
- Very low weight
- Maintenance-free
- High static loads
- No corrosion
- Vibration dampening
- Metric and imperial dimensions
- Special dimension and designs available

 www.igus.eu/iglidur

Structure of iglus® plastic plain bearings:



The base polymers are crucial for the wear resistance

Fibres and filling materials reinforce the bearing to absorb high forces or edge loads

Finally, the solid lubricants automatically lubricate the bearings and reduce the friction in the system

... long lasting. Tested

... made of high performance plastics – iglidur®

The use of plastic plain bearings facilitates 8 times longer service life.

In an effort to continuously improve our product range and to address your specific needs, we are reviewing various shaft materials and extensively testing these with a variety of bearing solutions in our iglus® dry-tech® lab.

You can find our test results for St52 / gas nitrified here.

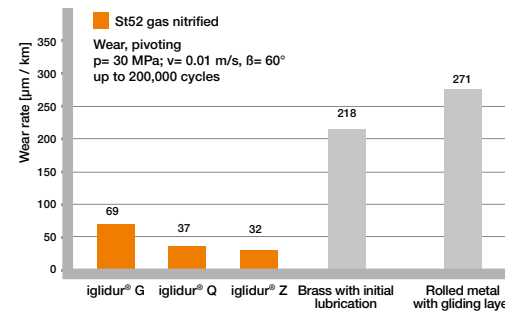
We are currently also conducting tests on the following shafts / coatings:

- St52 / un-coated
- C45 / un-coated
- Piston rods / hard-chromed
- St52 / saltbath nitrocarburised
- C45 / galvanised

 www.igus.eu/iglidur

Tested!

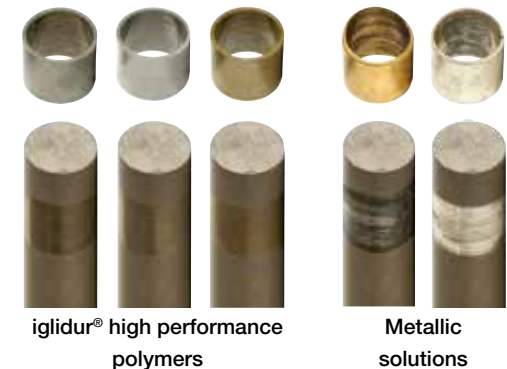
In the largest lab of its kind, iglus® Cologne



The iglus® pivot test shown above corresponds to this scenario

Conclusion:

- ▶ All tested iglidur® materials exhibit significantly lower wear than metallic plain bearings
- ▶ The shafts of the metal plain bearings exhibit significant wear and are therefore unsuited for further use.



iglidur® products ...

... volume or individual production

iglidur® plain bearings ... lubrication- and maintenance-free

Tested!

Result of panning tests on galvanised shafts
 $p > 50 \text{ MPa}$, $v = 0.01 \text{ m/s}$

Product	Cycles to Failure (approx.)
iglidur® Q290	500
iglidur® Z	1400
Rolled metallic bearing with gliding layer	> 2000

* Shaft St52 galvanised. Cycle frequency 60.000. Tested with bearing diameter 20 mm and 20 mm length. The force in the test was 30,400 N.

Version with iglidur® Q290 on St52 galvanised

Metallic version on St52 galvanised



NEW: iglidur® Q290: Durable even on soft shafts and with high loads

Especially with medium to high dynamic loads, this material demonstrates its strengths: In rugged pivoting applications excellent durability can be achieved for shaft and bearings, e.g. in agricultural or construction machinery, and then specifically on "soft" shafts!

- Long life even on soft shafts
- Insensitive to edge loads
- Continuous use up to +140 °C
- Good price/performance ratio
- Lubrication- and maintenance-free
- Standard range from stock

www.igus.eu/Q290



3D printing copy shop online

- Receive prototypes and custom parts more quickly
- Use the latest technology without having to make investments
- Printed parts from abrasion and wear-resistant iglidur® materials
- Tribological printed parts specifically for moving applications
- Start by testing products, then order large quantities

www.igus.eu/3dprintservice



Compensate for angle

- Angle compensation up to $\pm 7.5^\circ$
- Operating temperature: $-30 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$
- Easy assembly
- Very low weight
- Lubrication-free
- Corrosion resistant

www.igus.eu/SAMF



Tribo-Tape

- Suitable for a variety of lining for tribologically stressed surfaces and shapes
- Easy to cut and to glue
- Less space required
- Self-adhesive back

www.igus.eu/tribotape



Bar stock

- Very high media-resistance
- Cost effective
- Wear-resistant
- Compliance with EC Directive 10/2011 EC possible
- FDA-compliance possible

www.igus.eu/barstock



drylin® linear technology ...

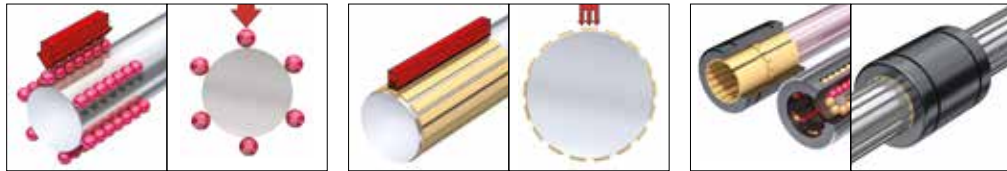
Lubrication- and maintenance-free linear technology ...

drylin® is a product range of Lubrication-free linear plain bearings based on the principle of sliding instead of rolling. Tribologically optimised iglidur® high performance polymers are used as sliding surfaces. The drylin® linear systems operate dry and are maintenance free. Linear guides on rails or round shafts are available. The drylin® drive technology can supply ready-to-connect systems with lead screw drives or toothed belt drives, with or without motor. The focus is on, besides the freedom from maintenance and lubrication, the ruggedness and insensitivity to influences such as dirt, water, chemicals, heat or impact.

- Resistant to dirt due to dry operation
- Resistant to impact and vibrations
- High static load capacity
- Suited for short-stroke applications
- Low weight
- Vibration dampening
- Quiet operation
- Metric and imperial dimensions
- Special designs according to customer needs
- Available from stock

www.igus.eu/drylin

The principle of igus® linear technology:



"Conventional" roller bearings – point contact:

- Increased volume
- Balls can seize
- Selective load distribution (surface pressure)

drylin® plain bearings – surface contact.

- Quiet operation
- No balls that could seize
- Planar load distribution (surface pressure)

Resistant to dirt, dust and moisture - through Lubrication-free use and dirt channels.

Using the example of drylin® W

Clean as no lubricants required

Profiles available in various geometries, installation sizes and clearances



Quiet operation through sliding motion

Smooth operation through gliding elements of iglidur® J/J200

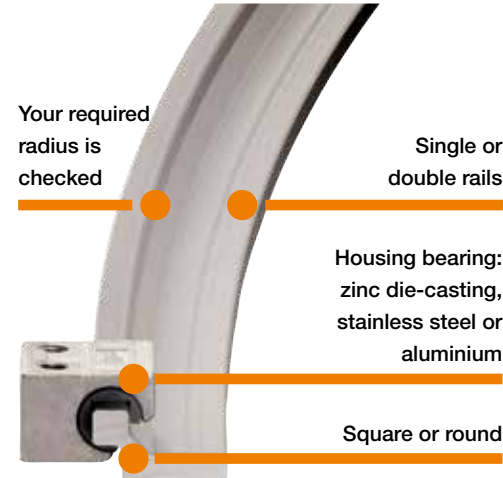
Maintenance free due to integrated lubricants

... sliding instead of rolling

... even curved guides according to your specifications

NEW:

Curved guides according to your specifications



drylin® W profile guide

- Easy installation, maintenance free
- Lubrication-free
- Curved rails
- Resistant to dirt due to dry operation
- Low weight and low noise operation
- Square rail with floating bearing function for lateral installation
- Special profile solutions

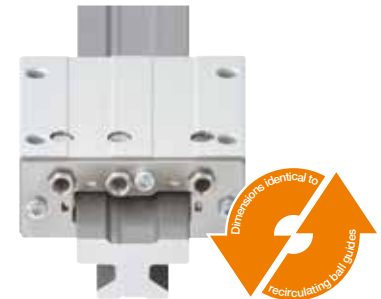
www.igus.eu/curved-rail



drylin® N low profile guide

- 100% lubrication-free
- Low installation height between 6 and 12 mm
- Very light weight
- Numerous carriage options – also with pretension

www.igus.eu/drylinN



drylin® (heavy-duty) profile guide

- Shock-resistant, Lubrication-free and eco-friendly
- Adjustable bearing clearance, robust overall construction
- Dimensions are identical to recirculating ball-bearing guides
- Adjustable bearing clearance
- Automatic clearance adjustment

www.igus.eu/drylin

Dry-running, maintenance free ...

Lubrication-free bearing made easy. For example ...



drylin® R shaft guides

- Dimensions identical to standard commercial ball bearings
- Shafts, shaft support blocks and accessories available from stock
- Replaceable liners

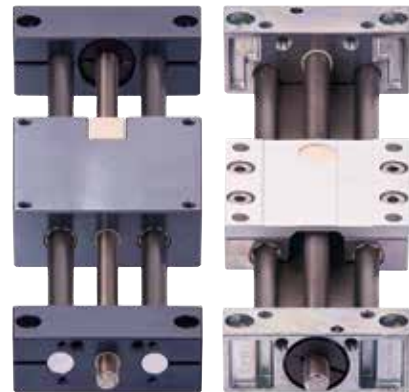
www.igus.eu/drylinR



drylin® shafts

- 8 different shaft materials
- Low weight
- Round or supported

www.igus.eu/drylin



drylin® linear axes

- 100% Lubrication-free
- For format adjustments and quick small parts handling
- With or without motor drive
- Extensive accessories

www.igus.eu/drylin-drive



drylin® toothed belt axes

- Drive ends with grooved ball bearings
- Lubrication-free linear guide through polymer plain bearings
- With or without motor drive
- Hard-anodised aluminium profile

www.igus.eu/drylinZLW

... and resistant to dirt.

Maintenance free lead screws, spherical and ball bearings ...



igubal® spherical bearings

- Self-adjusting bearing components
- Easy to mount
- Adapt themselves to all angular deviations
- Lubrication and maintenance free

www.igus.eu/igubal



igubal® double joint

- Versatile application options through the possible combination with igubal® rod end bearings
- Corrosion resistant, chemically resistant
- Vibration dampening
- Lubrication and maintenance free

www.igus.eu/igubal



xiros® polymer ball bearings

- Lubrication and maintenance free
- High chemical and corrosion resistance
- For temperatures up to 150°C
- Non-magnetic
- Low weight

www.igus.eu/xiros



drylin® lead screw technology

- Efficient and durable dryspin® technology
- Self-locking trapezoidal and metric threads
- Lead screw nuts made from 5 iglidur® materials

www.igus.eu/leadscrew-technology

Energy and media ...

A choice from 100,000 components in the e-chain® module kit



E2/000

- Energy chains of medium sizes
- Inner heights from 21 to 45 mm
- Snap open on left and right
- Diverse modular interior separation

www.igus.eu/E2000



E4.1

- Almost all applications are possible with this e-chain®
- Inner heights from 21 to 80 mm.
- e-chains® and e-tubes snap open along two sides
- Quick installation, cable-friendly design
- Huge modules for custom configuration

www.igus.eu/E41



twisterband

- 7,000°* and more horizontal rotary motion and up to 3,000° in the vertical installation position
- Rotary speeds up to 360°/s possible
- Compact, modular and lightweight
- Bands can be lengthened and shortened as required
- Minimum installation space, fits very closely around the rotary axis
- Can be used in various installation positions (horizontal, vertical, overhead)

www.igus.eu/twisterband



E2 micro

- Energy chains with the smallest sizes
- Inner heights from 5 to 15 mm
- Snap open along inner or outer radius
- For tight installation spaces

www.igus.eu/E2micro



easy chain®

- Easy insertion of cables
- Easy access from inside or outside
- Affordable one-piece energy chains®
- For the smallest installation spaces and shortest assembly times

www.igus.eu/easychain



e-skin®

- Innovative corrugated hose generation
- Snap open, quick assembly
- Inherent rigidity for unsupported lengths
- Various materials and colours available, even for small quantities
- Available with interior separation

www.igus.eu/e-skin

... fail-safe guiding

Cables for highly flexible movements and long service life

chainflex® cables

Flexible cables in energy chains need special characteristics to last through many cycles, high speeds and accelerations, as well as demanding environmental conditions. Electromagnetic compatibility and compliance with standards and guidelines such as NFPA 79, UL, CSA, VDE, Inter- and Profibus are also taken for granted today. The igus® chainflex® product range extends from energy chain compatible control cables, servo cables, motor cables, as well as robot cables to bus cables, data cables, encoder cables and fibre optic cables.



- 1,040 cable types available from stock
- Delivery in 24-48 h
- No cutting costs. No minimum order quantity
- Different outer jacket materials: PVC, PUR, TPE
- Oil resistant
- Flame retardant

www.igus.eu/chainflex



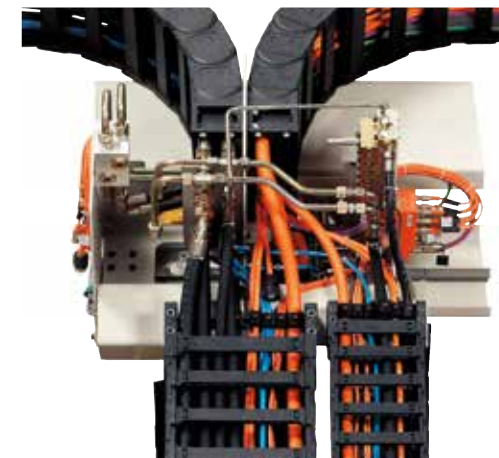
Chain - cable - guarantee ... delivered in 3-10 days

readychain® – pre-assembled systems

1,000 systems produced per week in 12 readychain® factories around the world – assembly time optimised to increase your cash-flow

- Eliminate storage costs for cables, e-chains® and connectors
- Cut turnaround times by half
- Flexibility when orders vary
- Reduce the number of suppliers and orders by 75%
- Minimise your machine downtime
- System guarantee - depending on application

www.readychain.eu



Assembled igus® readychain® systems: individual or serial production



Visit our industry web pages for more information, products, application examples and useful online-tools.

www.igus.eu/agrar



Quickly find and configure products and calculate service life - all online.

Using our online product finders you can find the right igus® product and get a service life prediction.

www.igus.eu/online



i For any task - in any quantity

Different industries need different solutions. Whether in mechanical engineering, automotive manufacturing or in the robot industry – igus® offers customised support for specialised applications. igus® already has many years of experience and specialised resources for many industries

www.igus.eu/industry



The igus® delivery service

More than 97% of components from the catalogue are available from stock.

- More than 100,000 products from stock
- No minimum order quantity
- No minimum order value
- No cutting charges for cables
- No packaging costs

www.igus.eu/24



Modern injection moulding technology

The igus® GmbH quality policy is based on the objective of identifying and meeting customer needs, and of always being a professional partner and reliable supplier. igus® has always been committed to producing products of the best possible quality and consistently developing innovative solutions.



The igus® lab

The industry's largest test lab (2,750m²) conducts more than two billion test cycles per year on a total of 107 test rigs.

- Huge database with test results
- Specific tests for customers

www.igus.eu/test

i igus® motion plastics®

One vision has been driving us for 50 years – motion plastics®: moving parts made from plastic that cost less and last longer. Our core technology consists of tribo-polymers – high-performance plastics, which we have optimised for friction and wear. This technology has made us into a worldwide leader for developing and manufacturing energy supply systems and plain bearings.



igus® worldwide

igus® offices

igus® distributors

1 Germany

igus® GmbH
Spicher Str. 1a
51147 Köln
P.O. Box 90 61 23
51127 Köln
Phone 02203 9649-0
Fax 02203 9649-222
info@igus.de, www.igus.de

2 Argentina

Borintech SRL
Av. Elcano 4971
C1427CIH Buenos Aires
Phone +5411 4556 1000
Fax +5411 4556 1000
igus@borintech.com

3 Australia

Treotham Automation Pty. Ltd.
14 Sydenham Road
Brookvale NSW 2100
Phone +61 2 9907-1788
Fax +61 2 9907-1778
info@treotham.com.au

4 Austria

igus® polymer Innovationen GmbH
Ort 55
4843 Ampflwang
Phone +43 7675 4005-0
Fax +43 7675 3203
igus-austria@igus.at

5 Belarus

SOOO Hennlich
Kharkovskaya Str. 90-8
Minsk, 220015
Phone +375 17 207-1828
Fax +375 17 207-3921
info@hennlich.by

6 Belgium/Luxembourg

igus® B.V.B.A.
Koloni Begaultlaan 75
3012 Wilsbeek
Phone +32 16 314431
Fax +32 16 314439
info@igus.be

7 Bosnia + Herzegovina

Hennlich d.o.o.
Dzemala Bijedica 185
Avaz Business Centar
71000 Sarajevo
Phone +387 33 45 14 39
Fax +387 33 45 14 39
info@hennlich.ba

8 Brazil

igus® do Brasil Ltda.
Avenida Marginal Norte da
via Anhanguera 53.780
Vila Rami – Jundiaí
CEP 13206-245 – SP
Phone +55 11 3531-4487
Fax +55 11 3531-4488
ventas@igus.com.br

9 Bulgaria

igus® EOOD
2, Lui Ayer str., fl.4, off. 4
1404 Sofia, Bulgaria
Phone +359 2 850 8409
Fax +359 2 850 8409
info@igus.bg

9 Bulgaria

Hennlich OOD, BG
4003 Plovdiv, Bulgaria
147A, Brezovsko shose Str.,
Rota center, fl. 3
Phone +359 32 511 326
Fax +359 32 621 929
office@hennlich.bg

10 Canada

igus® Office Canada
201 Millway Ave.
UNIT 25
Concord
Ontario L4K 5K8
Phone +1 905 7608448
Fax +1 905 7608688
webmaster@igus.com

11 Chile

Vendortec
San Martín # 2097
Maipú – Santiago
Phone +56 2 7105825
ventas@vendortec.cl

12 China

igus® Shanghai Co., Ltd.
No.46 Warehouse,
11 Debao Road, WGO FTZ,
Shanghai 200131,
P.R. China
Phone +86 21 51303100
Fax +86 21 51303200
master@igus.com.cn

13 Colombia

Colsein Ltda
Parque Industrial Gran
Sabana
Edificio / Building 32
Tocancipá, CUN 251017
Phone +57-1-519-0967
lrano@colsein.com.co

14 Costa Rica

Enesa Equipos Neumaticos S.A.
Del Colegio Marista
100 este, 200 sur, 25 este
Urbanizacion Ciruelas
Alajuela, Costa Rica
Phone +506 2440-2393
Fax +506 2440-2393
equiposneumaticos@enesa.net

15 Croatia

igus® d.o.o.
Ventilatorska 9
10250 Lucko Zagreb
Croatia
info@igus.hr

15 Croatia

Hennlich, Industrijska d.o.o.
Slupnickobreska 17
Slupnicki Obraz
10255 Gornji Stupnik
Phone +385 1 3874334
Fax +385 1 3874336
hennlich@hennlich.hr

16 Czech Republic

HENNLICH s.r.o.
Ceskolipská 9
412 01 Litoměřice
Tel. e-chains®
+420 416 711332
+420 416 711339
Fax +420 416 711919
lin-tech@hennlich.cz

17 Denmark

igus® Aps
Nordre Strandvej 119A
DK-3150 Hellebæk
Phone +45 86 603373
Fax +45 86 603273
info@igus.dk

18 Ecuador

Ecuainsetec
El Zurriago E9-32 y el Vergador
Quito
Phone +593 2 2253757
Fax +593 2 2461833
info@ecuainsetec.com.ec

26 India

igus® (India) Pvt. Ltd.
36/1, Sy No. 17/3
Euro School Road,
Dodda Nekkundi Industrial
Area, - 2nd Stage
Mahadevapura Post
Bangalore 560048
Phone +91 80 45127800
Fax +91 80 45127802
info@igus.in

19 Egypt

Fedicom Trading Mohamed Fayed Sami & Co.
12, El Mahaad El Swissi St.,
Flat 10 – 2nd Floor-Zamalek
Cairo – A.R. of Egypt
Phone +202 27362537
Fax +202 27363196
mohamed.fayed@fedicom.com

19 Egypt

IEE International Company for Electrical Engineering
2nd floor, 25 Orabi St
New Town, Cairo
Phone +202 25767370
Fax +202 25767375
kamel@iee-egypt.com

20 Estonia

igus® OÜ
Lootsa 4A
Tallinn 11415
Phone +372 667 5600
Fax +372 667 5601
info@igus.ee

21 Finland

SKS Mekaniikka Oy
Marjankäntie 50
01720 Vantaa
Phone +358 20 7646522
Fax +358 20 7646824
mekaniikka@sk.fi

22 France

igus® SARL
49, avenue des Pépinières
Parc Médicis
94260 Fresnes
Phone +33 1 49840404
Fax +33 1 49840394
info@igus.fr

23 Greece

Chriskmotor s.a.
71, Sp. Patsi str.
118 55 Athens
Phone +30 210 34 25574
Fax +30 210 3425595
info@chriskmotor.gr

23 Greece

J. & E. Papadopoulos S.A.
Piraeus, 185 40
Phone +30 210 4113133
Fax +30 210 4116781
sales@papadopoulos-sa.com

24 Hong Kong

Sky Top Enterprises Ltd.
Room 1806 ; Block C; Wah
Sing Street; Kwai Chung Hong Kong
Phone +852 23319828
Fax +852 24269738
info@skytopy.com.cn

25 Hungary

igus® Hungária Kft.
Iseri Park u.10.
1044 Budapest
Phone +36 1 3066486
Fax +36 1 4310374
info@igus.hu

25 Hungary

Tech-Con Kft.
Véső utca 9-11
1133 Budapest
Phone +36 1 4124161
Fax +36 1 4124171
tech-con@tech-con.hu

26 India

igus® (India) Pvt. Ltd.
36/1, Sy No. 17/3
Euro School Road,
Dodda Nekkundi Industrial
Area, - 2nd Stage
Mahadevapura Post
Bangalore 560048
Phone +91 80 45127800
Fax +91 80 45127802
info@igus.in

27 Indonesia

PT igus® Indonesia
German Centre Suite 6040-6050
Jalan Kapten Subijanto Dj,
BSD City
Tangerang 15321
Phone +62 21 537 61 83 / 84
info@igus.co.id

28 Iran

Tameen Ehtiajat Fani Tehran (TAF CO.)
62, Iranshar Ave., Unit 5
15816 Tehran, Iran
Phone +98-21-8831 78 51,2
Fax +98-21-8882 02 68
info@taf-co.com

29 Ireland

igus® Ireland
Caswell Rd
Northampton NN4 7PW
Phone +44-1604 677240
Fax +44-1604 677242
sales@igus.ie

30 Israel

Conlog LTD
P.O. Box 3265
17 Hamefessim Str.
Industrial Zone Kiryat Arie
Petach-Tikva 49130
Phone +972 3 9269595
Fax +972 3 9293367
conlog@conlog.co.il

31 Italy

igus® S.r.l.
Via delle Rovedine, 4
23899 Robbiate (LC)
Phone +39 0395906.1
Fax +39 0395906.222
igusitalia@igus.it

32 Japan

igus® k.k.
Arcacentral 15F, 1-2-1 Kinshi,
Sumida-ku Tokyo JAPAN
Zip 130-0013
Phone +81 358 192030
Fax +81 358 192055
info@igus.co.jp

33 Jordan

Al Hezam Adtech
Abu Alanda Street ,Building No. 1
Amman
Phone +962 64 170100
Fax +962 64 169993
info.jod@adtech-trading.com

34 Latvia

igus® OÜ
Lõõtsa 4A
Tallinn 11415
Phone +372 667 5600
Fax +372 667 5601
info@igus.ee

35 Lebanon

Mecanix Shops
Gebran Safi
Charles Helou Avenue
Beirut
Phone +961 1 486701
Fax +961 1 490929
mecanix@dm.net.lb

36 Lithuania

Hitech UAB
Terminalo g. 3
54469 Biruliskiu k. (Kauno LEZ)
Kauno raj.
Phone +370 37 323271
Fax +370 37 203273
info@hitech.lt

37 Macedonia, Albania, Kosovo

Hennlich DOOEL
Boris Kidric 88
1200, Tetovo MK
Phone +389 44614411
Mob. +389 76 200 770
dritan.qamili@hennlich.mk

38 Malaysia

igus® Malaysia Sdn Bhd
German Centre Suite 101-135
Jalan Petaing Jaya
Selangor D.E.
Phone +603 78805475
Fax +603 78805479
info@igus.my

39 Morocco

AFIT
5, Rue Amir Abdelkader
20300 Casablanca
Phone +212 522 633769
Fax +212 522 618351
souria.vu@premium.net.ma

40 Mexico

igus® México S. de R.L. de C.V.
Eduleivad Aeropuerto Miguel
Alejandró 160 Int. 135
Col. Corredor Industrial Toluca Lerma
Lerma, Estado de México C.P. 52004
Phone +52 728284 3185
Fax +52 728284 3187
imarquez@igus.com

41 Myanmar

Sea Lion Co. Ltd.
181 Bo Myat Tun Street
Botataung Yangon
11611 Myanmar
Phone +95 (0)1 20 97 97
Fax +95 (0)1 20 27 51
zaw.m.thant@sealionmyanmar.com

42 Netherlands

igus® B.V.
Sterrenbergweg 9
3769 BS Soesterberg
Phone +31 346 353932
Fax +31 346 353849
igus.nl@igus.de

42 Netherlands - Plain bearing

Elcece Holland BV
Kamerlingh Onnesweg 28
NL-3316 GL Dordrecht
Phone +31 78 6544777
Fax +31 78 6544733
info@elcece.nl

43 New Zealand

Automation Equipment Ltd.
26 Tawn Place
PO Box 5656
Hamilton
Phone +64 7 8490281
Fax +64 7 8492422
sales@autoequip.co.nz

44 Norway

ASI Automattik AS
Ingv. Ludvigsgate 23
3007 Drammen
Phone +47 9006 1100
info@asiflex.no

45 Peru

Profaco S.A.C.
Calle Bolivar 388/of. 203
Miraflores
Lima 18 – Perú
Phone +51 1 2414370
Fax +51 1 2428608
ventas@profaco.com

46 Philippines

Silicon Exponents Corp.
Suite 6A, 8414 Dr. A. Santos
Ave., Sucat,
1700 Paranaque City,
Metro Manila
Phone +63 9 8250126
Fax +63 2 8250141
info_philippines@igus.com.sg

47 Poland

igus® Sp. z o.o.
Ul. Działkowa 121C
02-234 Warszawa
Phone +48 22 8635770
Fax +48 22 8636169
info@igus.pl

48 Portugal

igus® Lda.
R. Eng. Ezequiel
Campos, 239
4100-231 Porto
Phone +351 22 6109000
Fax +351 22 8328321
info@igus.pt

49 Romania

TechCon Industry SRL
Calea Crangasi nr. 60
060346 Bucuresti
Phone +40 21 2219-640
Fax +40 21 2219-766
automatizari@meteor.ro

49 Romania

Hennlich SRL
Str. Patria, Nr17
3110106 Arad
Phone +40 257 211119
Fax +40 257 211021
igus@hennlich.ro

50 Russia

OOO Hennlich
Ozernaja 16
building 1, office 4
170008 Tver
Phone +7 4822 787 180
Fax +7 4822 630 180
hennlich@hennlich.ru

51 Saudi Arabia

AFI
Khalaf Bin Hesham Street
PO Box 9998
31423 Dammam
Phone +966 38740033
Fax +966 38470077
marketing@afi.com.sa

52 Serbia + Montenegro

Hennlich doo Beograd
Radomira Markovica 1/3
11222 Beograd / Srbija
Phone +381 11 63 098 17
Fax +381 11 63 098 20
office@hennlich.rs

53 Singapore-ASEAN HQ

igus® Singapore Pte Ltd
15 Shaw Road, #03-02
Singapore 367353
Phone +65 6487-1411
Fax +65-6487-1511
info@igus.com.sg

54 Slovakia

igus® Slovakia s.r.o.
Fatrárska 3
949 01 Nitra
Slovakia
Mob. +421 949 459 409
info@igus.sk

54 Slovakia

Hennlich s.r.o.
Racienska 188
SK-831 53 Bratislava
Phone +421 2 50202504
+421 2 50202505
Fax +421 2 50202520
linterch@hennlich.sk

59 Sweden

igus® ab
Knut Påls väg 8
256 69 Helsingborg
Phone +46 42 329270
Fax +46 42 211585
info@igusab.se

59 Sweden – the-chain

OEM Automatic AB
Box 1011 Dalagatan 4
573 28 Tranås
Phone +46 75 2424100
Fax +46 75 2424159
info@aut.oem.se

54 Slovakia

Hennlich s.r.o.
Racienska 188
SK-831 53 Bratislava
Phone +421 2 50202504
+421 2 50202505
Fax +421 2 50202520
linterch@hennlich.sk

55 Slovenia

igus® d.o.o.
Tržaška c. 134
1000 Ljubljana
Slovenija
Mob. +386 (0)30 601 610
info@igus.si

55 Slovenia

Hennlich d. o. o.
Industrijska tehnika
Winkelsstr. 5
4622 Egerkingen
Phone +41 62 3889797
Fax +41 62 3889799
info@igus.ch

60 Switzerland

igus® Schweiz GmbH
Winkelsstr. 5
4622 Egerkingen
Phone +41 62 3889797
Fax +41 62 3889799
info@igus.ch

61 Syria

ETTA Systems
Al-Hamra St. Shalan Building
12850 Damascus
Phone +96 31 332 5519
Fax +96 31 334 2639
info@ettasystems.com

62 Taiwan

igus® Taiwan Company Ltd.
5F, No. 35, 24th Road
Industrial Area 2,
P.O. Box 1203372-SHJ
Shaohjia - UAE
Phone +971 6 5421300
Fax +971 6 5423700
sales@powertech.ae

63 Thailand

igus® Thailand Co., Ltd
10 Floor, Unit C1
Thanapoom Tower
1550 New Petchaburi Road
Mekkasani Rattasathit
Bangkok 10400 Thailand
Phone +66 (0)2 652 7325
Fax +66 (0)2 652 7326
info@igus.co.th

63 Thailand

igus® Turkey
Esentepe Mah. Cevizli
D-100 Güneş Yarıyol
Cad 25/3 Lapaşın İş Mkk.
Kartal / Istanbul
Phone +90 (0) 216 389 44 33
Fax +90 (0) 216 389 44 48
info@igus.com.tr

64 Tunisia

BOUDRANT
53, Avenue de Carthage
1000 Tunis – Tunisia
Phone +216 71340244
Fax +216 71348910
info@boudrant.com.tn

65 Turkey

igus® Ukraine LLC (HQ)
Kramatorska Street 15
84100 Sloviansk City,
Donetsky Region
Phone +38 06262 33540
hennlich@hennlich.com.ua

65 Turkey

igus® Ukraine LLC (HQ)
Kramatorska Street 15
8

/9001:2008 /16949:2009

igus® is certified in accordance with ISO 9001:2008 and ISO/TS 16949:2009 in the field of energy supply systems, cables and harnessing, as well as plastic bearings.

/newsletter

Free of charge! Discover more about the latest trends and innovations from the world of igus® motion plastics®. Many exciting applications and videos for your industry.

Register here: www.igus.eu/newsletter

/contact

Your contact person for your industry and your country: www.igus.eu/contact

igus®

igus® GmbH
Spicher Str. 1a
51147 Cologne
Tel. +49 2203 9649-145
Fax +49 2203 9649-334
info@igus.de
www.igus.eu

© 2015 igus® GmbH

Published by the igus® GmbH, Germany
MAT0070706.20 Issue 11/2015
Subject to technical alterations.

