

Glutz bearing technologies

twin needle bearings

twin glide

High traffic

Glutz twin needle bearings

We recommend fitting two parallel Glutz needle bearings for high traffic doors. This combination meets the highest requirements in robustness, convenience and service life. Doors equipped with door closers as well as those at airports, railway stations and hospitals are subject to heavy duty every day. Equipped with our twin needle bearings they can easily cope with this.

Additional advantages of twin needle bearings

- Maintenance-free
- Excellent moving properties
- Double needle bearing handle guidance

Glutz twin glide

Our twin glide bearings consist of two parallel Glutz glides: they are designed for extremely high traffic doors equipped with door closers, as well as for military or industrial buildings, schools, hospitals and nursing homes. The Glutz twin glide demonstrates the same characteristics as the Glutz glide, but the connection has even less play due to the handle guidance, which is twice as long.

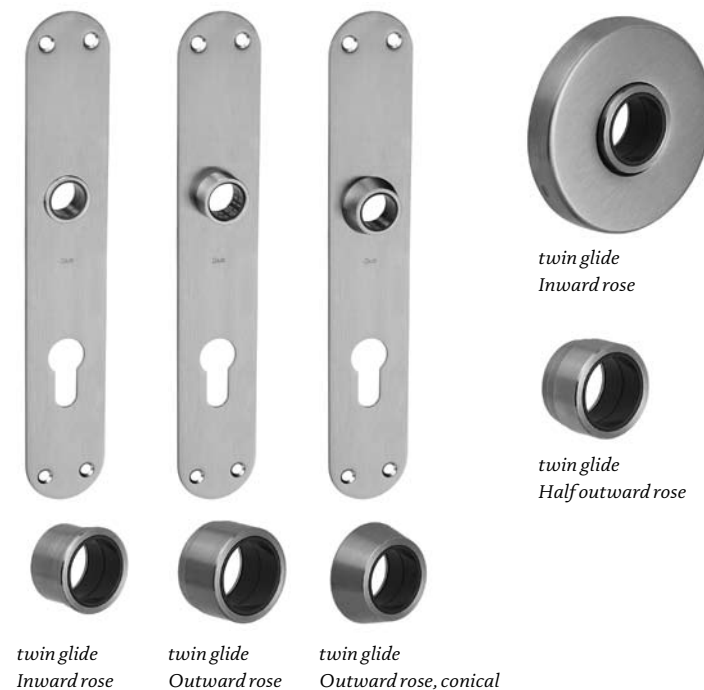
Additional advantages of twin glide

- Maintenance-free
- Very heavy duty
- Double glide handle guidance

twin needle bearings



twin glide



Glutz bearing technology

Needle bearings

Increased convenience

Glutz needle bearings

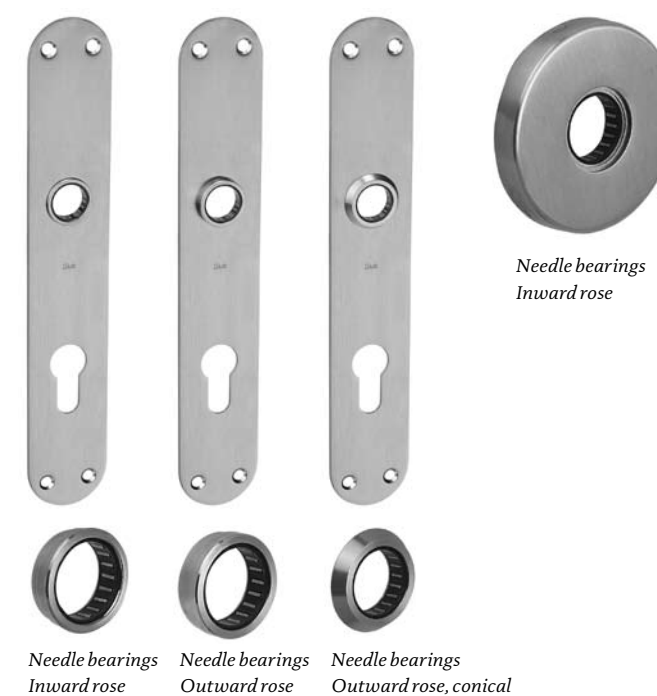
The compact design of Glutz needle bearings provides for a particularly slim and hence attractive handle bearing. The tempered chromium-nickel steel needles ensure minimum rolling resistance and allow for more comfortable use. This results in a particularly long service life.

Glutz needle bearings are maintenance-free and suitable for high traffic doors.

Glutz needle bearing properties

- Tempered needles in chromium-nickel steel (stainless)
- Suitable for use in fire protection
- High dimensional accuracy
- For 16 mm matching handle
- Low actuating force

Needle bearings



Glutz bearing technology

glide

Normal traffic

Glutz glide

Glutz glide high-performance glide bearings are designed to match the specifications of Glutz handle bearings. This polymer-based product is self-lubricating and designed for dry-running, which makes it absolutely maintenance-free.

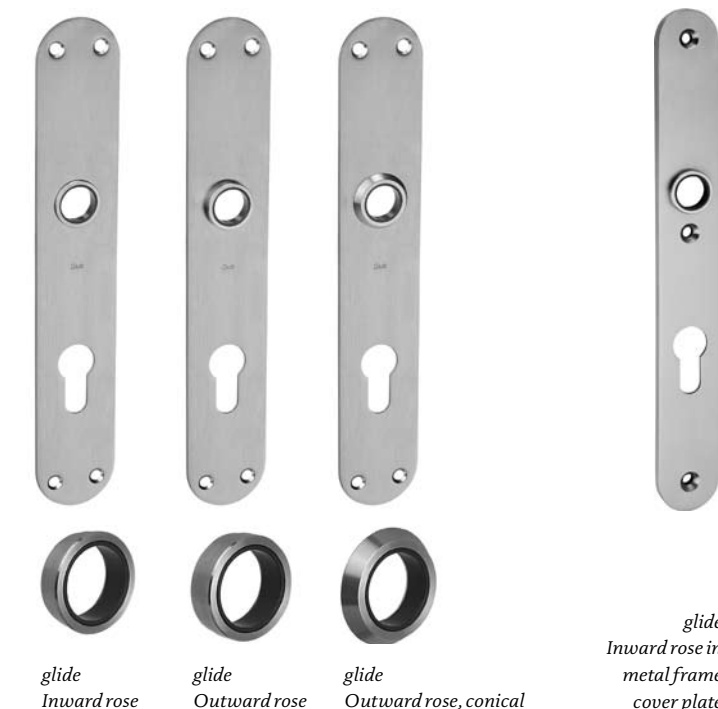
Glutz glide is shock-resistant and demonstrates excellent damping qualities and high compressive strength.

Special: all Glutz bearing guidances can be combined with all the roses and cover plates in the Glutz metal frame range.

Glutz glide properties

- Suitable for use in fire protection
- For 16 mm matching handle
- Operating temperature from -40° to +140°
- Shock-resistant
- Excellent damping qualities
- High compressive strength

glide



Glutz easyfix®
Innovative connection technology

For all building and apartment doors:

Metal frame- /full leaf doors

Some doors are subject to heavier duty than others. This additional strain affects door handles in particular. Major axial and torsional forces act on door fittings, especially on heavy doors. This also applies if door closers are used.

Glutz easyfix® provides the perfect solution to this problem: now, the tensile stress is not just placed on the HESO screw, but on Glutz easyfix® as well.

This novel system ensures an adjustable, low-play, but extremely durable connection between handle and rose or between handle and plate. The plug-and-snap connection developed by Glutz guarantees optimal solidity and pull resistance.

The innovation of Glutz easyfix® concerns the fact that the door fittings are no longer pre-assembled at the factory. This ensures perfect accessibility when attaching the base plate. The actual easyfix component is the cover plate or rose. You simply have to slide in the handle and the cleverly designed system fixes it in place automatically. Installation has never been easier.

Glutz easyfix® is suitable for all wooden, plastic and metal doors, can be combined with all cover plates, roses and protective fittings, and can be supplied with tried-and-tested Glutz bearing technologies.

By reducing the number of versions, handles and cover plates can be stored separately, which also reduces the storage and transport costs.

Installation and dismantling on-site is child's play:

Installation



1) Snap door handle and rose incl. Glutz easyfix®...



2) ...into place.



3) Snaps into place – easy and fix!

Dismantling



1) Push both wings apart with a pair of pliers and...



2) ...at the same time push slightly on the rose from behind and remove it from the bracket.



3) ...that's it!

Glutz easyfix®
On the safe side

Tested to EN 1906: 2002-05
(door handles and knobs)

Use class 3	Steel handle spindle galvanised, fixed mobile
Classification	3 7 - 0* - 1 3 0 U
Use class 4	Stainless steel handle spindle fixed mobile
Classification	4 7 - 0* - 1 4 0 U

*Fire-resistance to EN 1906: 2002-05 is not a harmonised standard norm. Until harmonisation of EN 1906 with a potential CE marking takes place, inspection certificates to DIN 18273 remain essential for the suitability of fire and smoke protection doors in place of a fire-resistance classification. These inspection certificates have been obtained for the Professional Line.

Tested to EN 179
(emergency exit locks with handles or push plates in combination with various locks)

Further information on EN 179/EN 1125 is available at www.glutz.com

Glutz easyfix®
Perfectly combined advantages

Glutz bearing technologies combined with Glutz easyfix® perform with highest requirements

glide	
twin glide	
needle bearing	
twin needle bearing	

- Glutz easyfix® can be supplied with all Glutz bearing technologies: Glutz glide®, Glutz twin glide®, Glutz needle bearings and Glutz twin needle bearings
- The door fittings are no longer pre-assembled at the factory, which guarantees perfect accessibility when attaching the base plate
- Glutz easyfix® is the quick and easy solution enabling the adjustable, durable installation of every Glutz stainless steel handle model on the construction site
- Glutz easyfix® reduces the number of versions, which helps to cut storage and transport costs considerably
- Certified for fire/smoke protection doors to DIN 18273: 1997-12

Glutz easyfix® and bearing technologies
Innovative and lasting connections



The perfect connection of the highest standards: Glutz easyfix® makes fitting door handles as easy as opening and closing the door itself.

Swiss Access Systems



Glutz AG
Segetzstrasse 13, 4502 Solothurn, Schweiz
Telefon +41 32 625 65 20, Fax +41 32 625 65 35
info@glutz.com, www.glutz.com
Glutz AG, Access Center
Hertstrasse 31, 8304 Wallisellen, Schweiz
Telefon +41 44 496 12 11, Fax +41 44 496 12 12
info@glutz.com, www.glutz.com
Glutz AG, Fertigung Gossau
Wilerstrasse 73, 9200 Gossau, Schweiz
Telefon +41 71 388 70 90, Fax +41 71 388 70 99
info@glutz.com, www.glutz.com

Glutz AG, Giesserei
Oschwandstrasse 20, 3475 Riedwil, Schweiz
Telefon +41 62 968 17 42, Fax +41 968 17 82
info@glutz.com, www.glutz.com
Glutz Deutschland GmbH
Hertzstrasse 13, 30827 Garbsen, Deutschland
Tel. +49 5131 95 138, Fax +49 5131 96 689
info@glutz.de, www.glutz.de
Glutz GmbH, Österreich
St. Oswald Strasse 5c, 4293 Gutau, Österreich
Telefon +43 7946 20506, Fax +43 7946 20506 10
info@glutz.at, www.glutz.at

Glutz GmbH Predstavništvo
D. Velemerić 33, 47000 Karlovac, Hrvatska
Telefon +385 47 8017 69, Fax +385 47 8017 68
info@glutz.hr, www.glutz.com
Glutz UK Ltd.
11 Finch Drive, Springwood Industrial Estate
Braintree CM7 2SF, United Kingdom
Telefon +44 1376 348 808, Fax +44 1376 348 848
info@glutz.co.uk, www.glutz.co.uk
Glutz Singapore Pte Ltd.
50 Tagore Lane, #02-04, Entrepreneur Distri Centre
Singapore 787 494
Telefon +65 6 55 44 111, Fax +65 6 55 44 610
info@glutz.com.sg, www.glutz.com