

FLURO®-Gelenklager GmbH

Lord of the Rings

THE FIRST
MEDIA-RESISTANT
FLUROGLIDE® MEDIA SOLID
HIGH-PERFORMANCE SPHERICAL
PLAIN BEARINGS

NEW!

Time for the next step towards indestructibility

We already set the standards years ago with the high-performance fabric **FLUROGLIDE®** – the fabric developed by us exceeds normal fabrics in terms of load-bearing capacity many times over.

Now it is time for the next step: Time for the first media-resistant **FLUROGLIDE®** spherical plain bearings, which are almost indestructible. Resistant against moisture, grease, oil. Ready to permanently withstand the hardest requirements.

In select applications – e.g. in hydraulic rod ends or in vehicle and plant construction – **FLUROGLIDE® MEDIA SOLID** offers our customers totally new standards for swivel and tip movements under the influence of the stated media.

FLUROGLIDE® MEDIA SOLID is available in two models: in completely stainless steel and in hard chrome.



+ Complete stainless steel 1.4031 (Aisi 420)
+ Inner ring also hard-chromed on the running surface

+ Outer ring: Bearing steel 100Cr6
+ Inner ring: Bearing steel 100Cr6 hard-chromed on the running surface



Reiner Höhn is the managing partner for the two companies FLURO®-Gelenklager GmbH and Martin Höhn Präzisionsteile GmbH. Thanks to his many years' experience in managing produce development and technical sales he is the ideal contact partner for all technical challenges the trickier the better.

With the high-performance fabric FLUROGLIDE® an excellent development was made years ago in the area of radial spherical plain bearings.

And now is the next step coming with FLUROGLIDE® MEDIA SOLID?

Reiner Höhn: That's right. As market leader and specialist in the area of stainless steel spherical plain bearings and rod ends, we did everything to develop a media-resistant spherical plain bearing.

How did this happen?

Reiner Höhn: We discovered that spherical plain bearings often suffer early wear – because of the various environmental influences and the different media resistance. We analysed these problems and developed new properties for us. Our new spherical plain bearings are characterised by their particularly high tribological capabilities.

What tangible benefits does the customer get from this?

Reiner Höhn: Once more we can extend the life of products considerably – especially for uses where the spherical plain bearings are exposed to moisture or come into contact with oils and greases. And in addition: We can offer the customer completely new, longer maintenance intervals. They therefore profit twice. We call this a „Swabian Development“.

Top quality in full bandwidth

We at **FLURO®** offer you an excellent range of standard parts for spherical plain bearings and rod ends. And we have the expertise through the combination of our assemblies or our complete new developments to offer extensive special solutions.



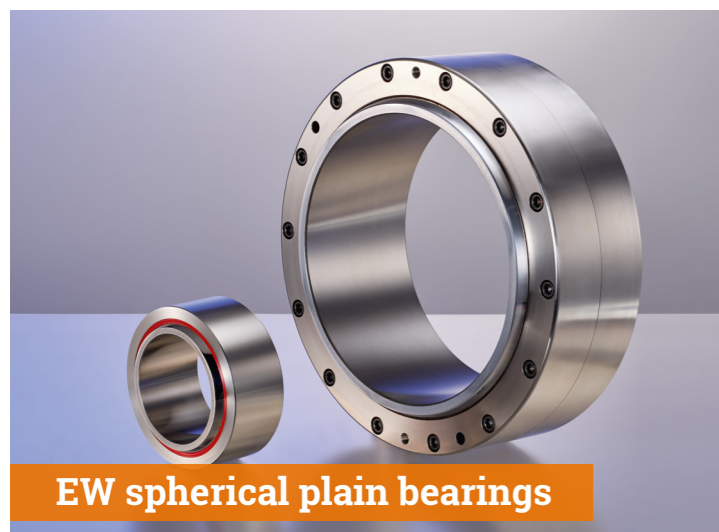
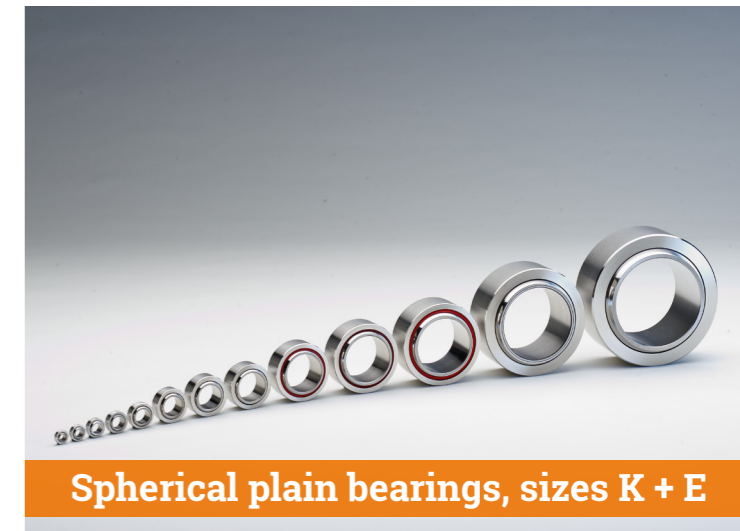
Our hydraulic rod ends with internal thread or welding ends, whose reliable usability can be guaranteed by our modern testing processes, are particularly suitable for use on hydraulic cylinders and in plant construction.



For hydraulic rod ends, hydraulic cylinders, construction machinery and much more. Also available in stainless steel.



Our rod ends and spherical plain bearings can be used wherever there is something to be connected, held or moved: from the tuba, right up to an excavator. With our product portfolio we serve all industry sectors.



Maintenance-free spherical plain bearings for two performance areas:
+ **FLUROGLIDE® WEAR SOLID** for maximum static and dynamic loads
+ **FLUROGLIDE® MEDIA SOLID** media-enabled for high dynamic loads



FLUROGLIDE® high-performance plain bushings are also suitable for use in applications with maximum radial and axial loads. Also available with **FLUROGLIDE® MEDIA SOLID**.



In the area of construction and commercial vehicles, our couplings and connection elements are used in engine construction, wheel suspensions and vehicle bodies.



With regard to accessories, we supply angle and fork joints, seals, nuts, and much more.

Extremely articulated and really savvy

We have been the specialist in spherical plain bearings and rod ends for more than 40 years. With our around 180 employees, we develop and manufacture an extraordinary range of products at our headquarters in Rosenfeld, Swabia. High-precision, extraordinarily flexible and extremely fast. And we are always ready to develop innovative special parts for our customers. Ultimately, even with regard to the hardest problems we always work according to the motto: From the idea right up to implementation – all from a single source.

Welcome to Rosenfeld!

From the idea, right up to implementation – all from a single source, made in Germany

Development

- + Partner for complex, precise special solutions
- + Development of special joints according to your requirements

Tool construction

- + In-house for prototype, small quantity and series tools

Production

- + Bar turning up to \varnothing 80 mm
- + Processing in the chuck up to \varnothing 400 mm
- + Milling of 4 and 5-axis components

Assembly

- + Assembly of spherical plain bearings, rod ends and assemblies

Testing laboratory

- + Vibration tests with temperature tests
- + Torque tests
- + Static and dynamic tests

Quality assurance

- + Latest measuring technology (Zeiss Calypso etc.)
- + Certified in accordance with DIN EN ISO9001:2015



Stefan Ott, Head of Construction

“Our high-quality aspiration has plenty to do with our extensive experience in the field of testing methods. For our test procedures, we only use test systems that allow measured values to be recorded and saves automatically because of their dynamic test structure. Thanks to the various test procedures we are able to match our products specifically to the customer requirements. And here, the following always applies: No challenge is too big for us. Put us to the test!”

Welcome to the specialist for spherical plain bearings and rod ends

