

More than 60 years' experience in development and production of cardan shafts of the highest quality





YOUR RELIABLE PARTNER FOR CARDAN SHAFTS!

Welcome to Kempf Universal Cardan Shafts GmbH in Gersfeld (Rhön)!

For more than 60 years, we have been your specialist in the development and production of cardan shafts with torques of 8,500 Nm to 275,000 Nm.

Our products are successfully used in the following industries:

- Oil & Gas
- Paper Machines
- Mills For The Steel Industry
- Renewable Energies
- Special-Purpose Machinery And Vehicle Construction
- Drives For Railway Vehicles
- Maritime Drives

We have a tradition of quality.

That is why we have continually modernised and further developed our company.

WHAT MAKES US SPECIAL?

We stand for traditional values such as integrity, commitment and reliability and focus our actions to the benefit of our customers.

With an in-house design department, we can address the markets' constantly increasing demands in a targeted manner. Here, we use state-of-the-art, computer-assisted calculation and design processes. Right from the design and planning phase, we work closely with our customers to realise perfect solutions. Our dedicated team stands for the development of solutions, high-quality technical advice, and for the tried-and-tested and innovative products for which Kempf is known on the market.



- Quality made in germany
- High customer orientation
- Reliability, service and advice from qualified specialists
- Short delivery times and flexibility
- In-house design and development department
- High vertical range of manufacturer due to modern CNC machining centres
- Certified in accordance with DIN EN ISO 9001
- Certified welding company in accordance with EN ISO 3834-2:2006 + DIN EN 15085-2, CL1
- Repair and maintenance of cardan shafts
- Balancing service
- Flexible service team for servicing cardan shafts on site



For example, we procure our **unmachined parts** exclusively from Europe - predominantly from Germany. Alloyed case-hardening and heat-treatable styles are used, as well as high-strength engineering steels, which are characterised

by a very high load capacity.

Our **forged and cast components** are constantly being refined and improved on the basis of our many years of experience and the use of finite element simulations.

With our modern CNC machining centres, we guarantee a high vertical range of manufacture and precision. In the production of our **length compensation**, we rely on the process of **cold rolling**. Therefore, we are able to ensure a high service quality and the maximum possible gear quality and thus guarantee the durability of our products.

Our universal joint bearings were completely designed in house, developed in close collaboration with reputable German rolling bearing manufacturers. They have been optimised with regard to their static and dynamic load carrying capacity, taking the possible dimensions into consideration. The sealing system used in the universal joint bearings was also developed in-house and is much more innovative than the widespread standard sealing system.

Our team of welding experts specialises in high-strength, optimised submerged-arc welding joints. All our **welding processes** are certified by a german welding society. The quality of our welded joints is regularly assessed and confirmed by independent testing institutes.

Our **design** relies on tried-and-tested, **undivided bearing bores** for an optimal, even load distribution in the universal joint bearing, as well as minimal deformations and maximum breakage resistance even at pronounced peak torques.

KEMPF CARDAN SHAFTS: QUALITY MADE IN GERMANY







Kempf Universal Cardan Shafts GmbH

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