



Tridelta Central rotary couplings

Quality at the  
highest level.

**Tridelta Magnetsysteme**  
Magnetic flexibility since 1920



# 100 years' experience in quality.

Tridelta Magnetsysteme:  
Our manifold standard couplings stand out for their compact design with high performance. They effortlessly withstand even extreme demands. In addition to performance, our focus lies on the manufacture of a cost-effective and efficient design.

## FLEXIBILITY FOR INDIVIDUAL APPLICATION CASES

Regardless of whether it's a customer-specific solution or a standard series, our magnet systems keep their promise of quality, and have done for more than a hundred years. The Tridelta Magnetsysteme philosophy is to develop solutions together with our customers that are in tune with the specific application. Our constant striving for perfection distinguishes us from the rest.

# Reliability of the highest level.

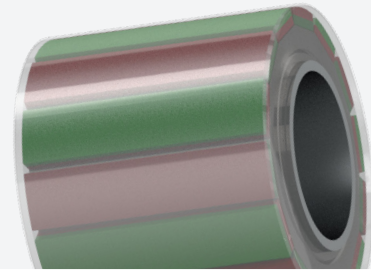
Our central rotary couplings are used wherever health-threatening, environmentally damaging, aggressive and cost-intensive liquids and gases need to be conveyed or transported.

*Info:* Various assembly kit designs for different motor and pump configurations are available for the PU machine area. Examples: IEC-standard motors and NEMA motors pump manufacturers: Bosch Rexroth, Rotary Power, Kracht, Parker, Buche



## APPLICATION AREAS

- Chemical industry
- Petrochemicals
- Oil and gas industry
- Refinery technology
- Marine applications
- Automotive industry
- Food and drink industry
- Stirring and mixing technology
- Pharmaceutical industry
- General mechanical engineering (packaging industry, laboratory apparatus, test benches)
- PU machines



SERIES	ARTICLE NO.	TORQUE
TZK 45-04	142010-10	4 Nm
TZK 45-06	142025-10	6 Nm
TZK 45-08	142040-10	8 Nm
TZK 60-07	142055-10	7 Nm
TZK 60-10	142070-10	10 Nm
TZK 60-14	142085-10	14 Nm
TZK 60-22	142100-10	22 Nm
TZK 75-20	142115-10	20 Nm
TZK 75-30	142130-10	30 Nm
TZK 75-40	142145-10	40 Nm
TZK 75-50	142160-10	50 Nm
TZK 110-20	142175-10	20 Nm
TZK 110-50	142190-10	50 Nm
TZK 110-80	142205-10	80 Nm
TZK 110-100	142220-10	100 Nm

SERIES	ARTICLE NO.	TORQUE
TZK 135-100	142235-10	100 Nm
TZK 135-135	142250-10	135 Nm
TZK 135-180	142265-10	180 Nm
TZK 165-200	142280-10	200 Nm
TZK 165-250	142295-10	250 Nm
TZK 165-275	142310-10	275 Nm
TZK 165-365	142325-10	365 Nm
TZK 200-500	142340-10	500 Nm
TZK 200-750	145255-10	750 Nm
TZK 200-1000	142370-10	1000 Nm

# Couplings taken to the next level.



- The areas of our standard series that come into contact with media are made of 1.4571 material and laser welded to be gas-tight.
- From series TZK-75 onwards, the tube of the containment shell is made of material 2.4610.
- Further containment shell material variants are available depending on the intended use.
- The external rotor is coated with permanent preservation and encapsulated in 1.4571.
- Tridelta Magnetsysteme hermetically sealed couplings are a perfect, environmentally compatible alternative to mechanical-dynamic sealing variants.
- Other magnet configurations or material combinations can be realised at any time depending on requirements and application.

More Informations: [tridelta-magnetsysteme.de/en/central-rotary-couplings](https://tridelta-magnetsysteme.de/en/central-rotary-couplings)

# The biggest advantage of our products is collaboration.

By working with us you benefit from the greatest possible flexibility with the implementation of your individual application case. We would be pleased to make further material combinations and containment shell variants available for you on request. Make use of our personal and reliable advisory services for sustained success.

## TRIDELTA MAGNETSYSTEME QUALITY FEATURES

- Compact and resource-saving design
- Contactless power transmission permits zero maintenance
- Technically sealed through static sealing via canister and O-ring or flat seal
- Standard operating conditions:  
Temperature: -45° C to +350° C / Pressure: 0-25 bar / Rotary speed range: 10-3600 rpm

# Let's talk about your requirements



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