

TSCHAN TNR

– design concept –

Aluminium-housing

Aluminium-flange

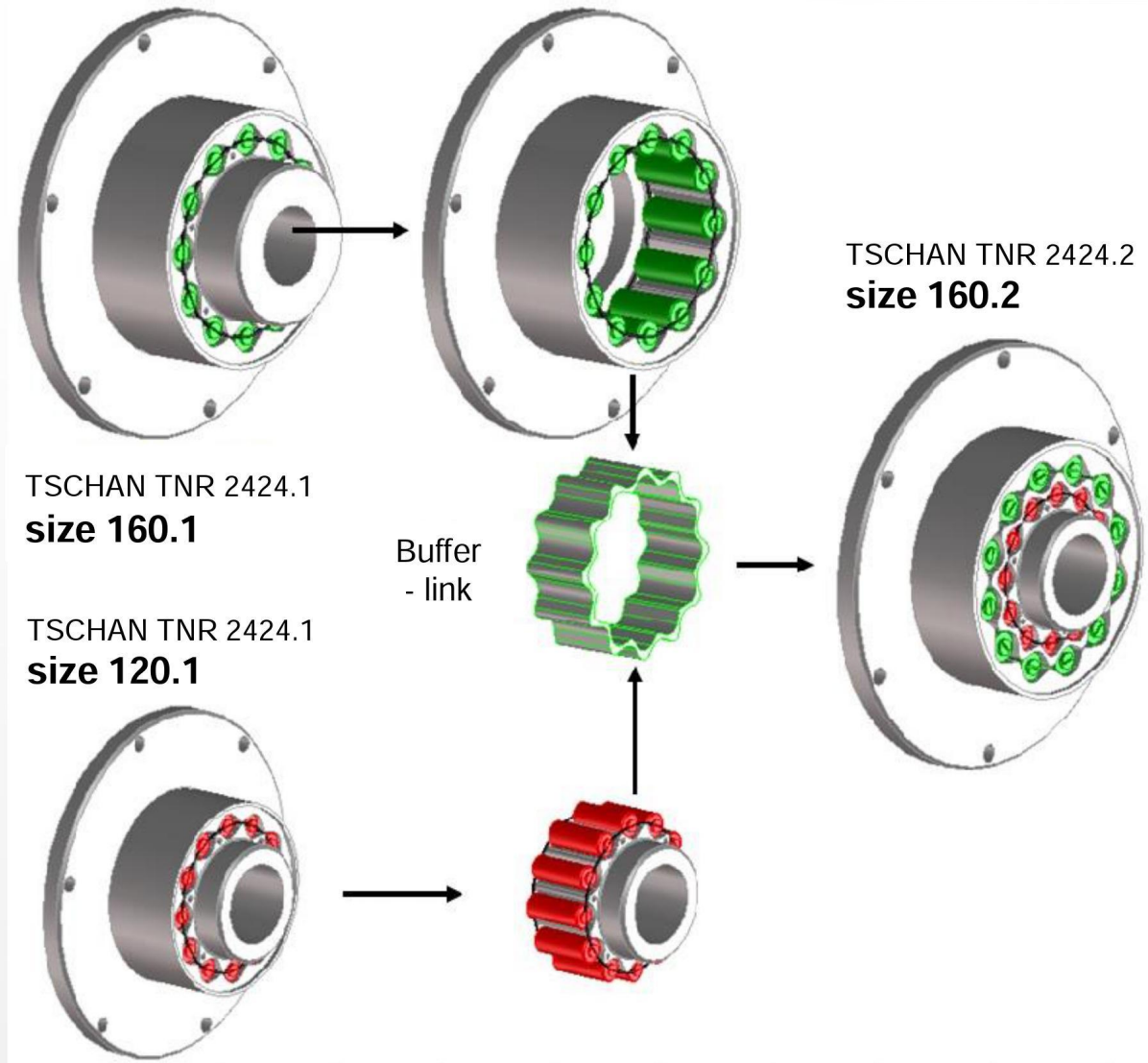
Steel-hub

Outer diameter housing
in mm = size

.1 – single-row design

.2 – double-row design

Buffers fixed on hub



TSCHAN TNR 2424.1



TSCHAN TNR 2424.2



TSCHAN TNR 2428.1



TSCHAN TNR 2428.2



TSCHAN TNR 2425.1



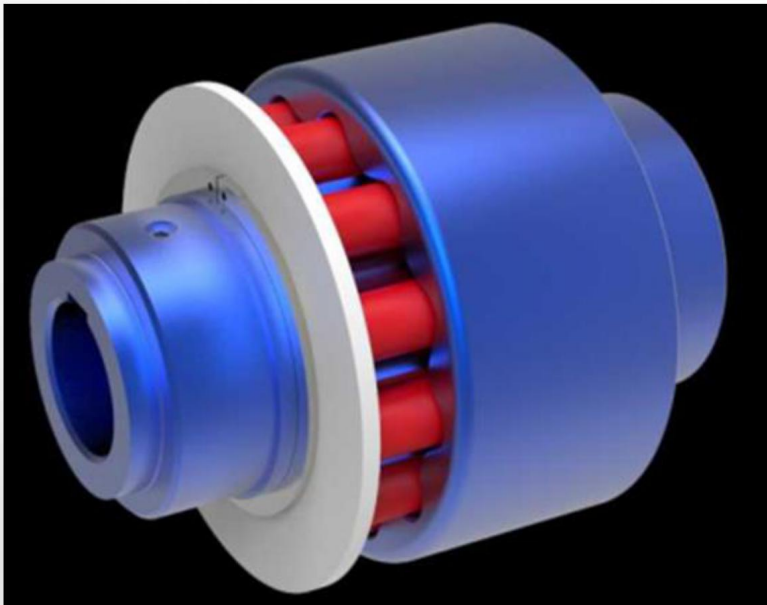
TSCHAN TNR 2425.2



with taper lock bushing system



TSCHAN TNR 2425.1



The alternative to:
RENOLD PM,
Kop-Flex Cmax,
Siemens Flender N-EUPEX DS

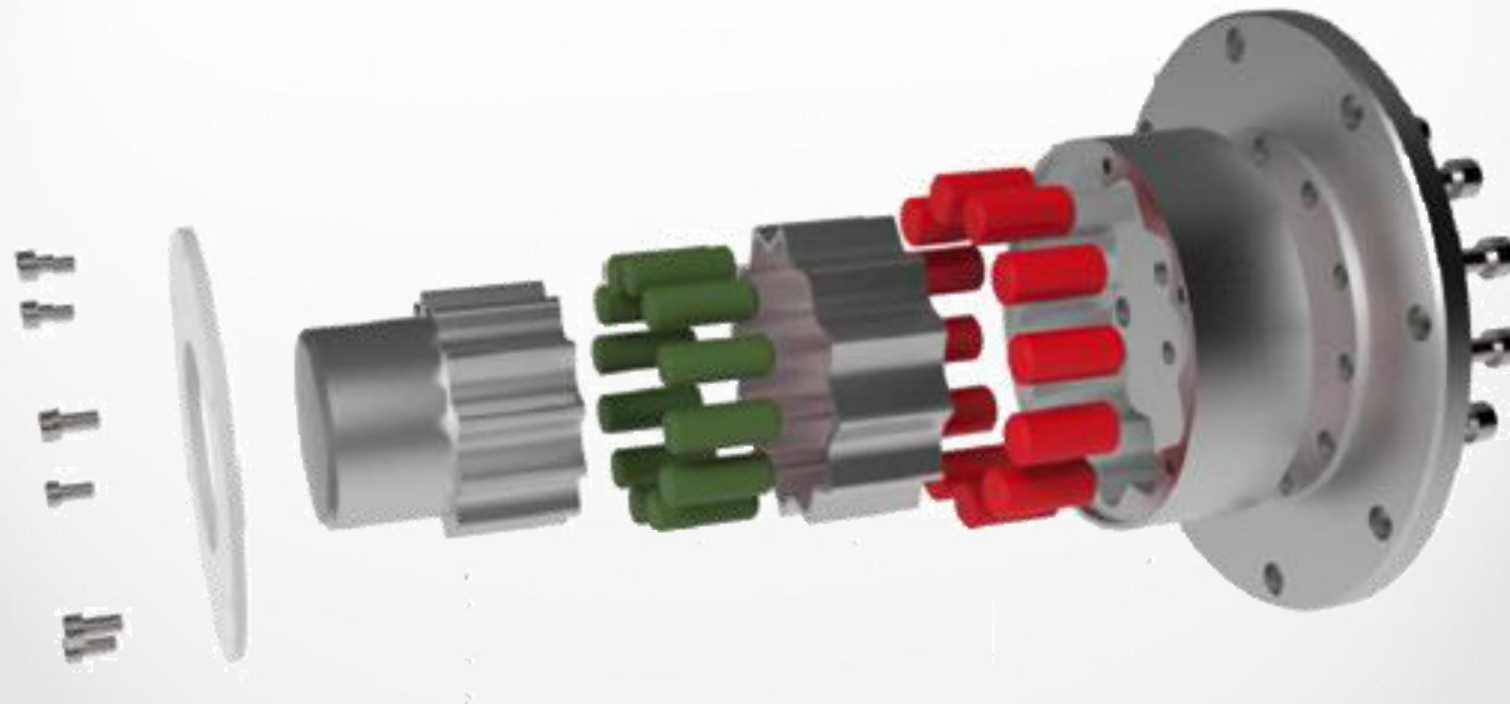
Features:

- Torsionally flexible up to size 400 highly elastic
- Reduces vibrations
- Dampens shock loads
- Fail-safe design
- Higher power density compared to highly flexible disc couplings
- Update fail-safe or completely sealed

Used for:

- Compressors
- Steel mill main drives / roller table
- Crushers / mills
- ID and FD fans and pumps

TSCHAN TNR 2425.2



TSCHAN TNR – Applications



TSCHAN TNR – Applications



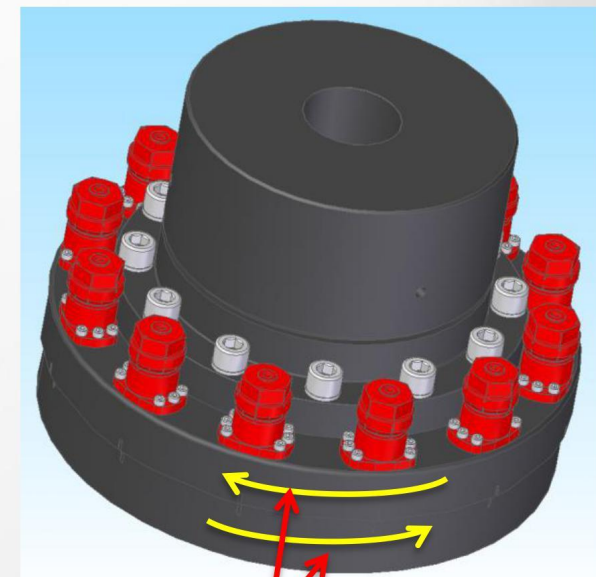
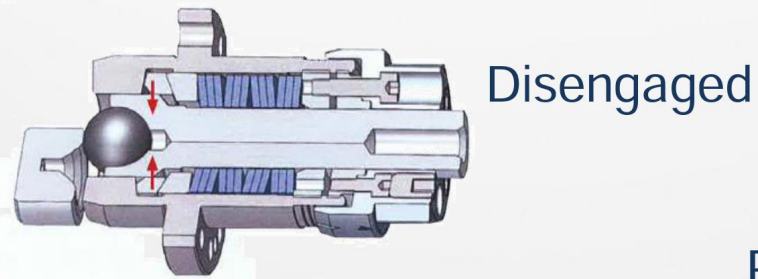
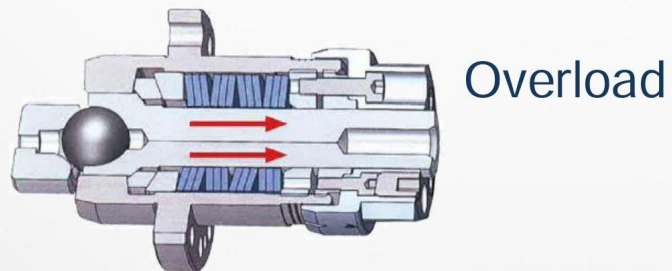
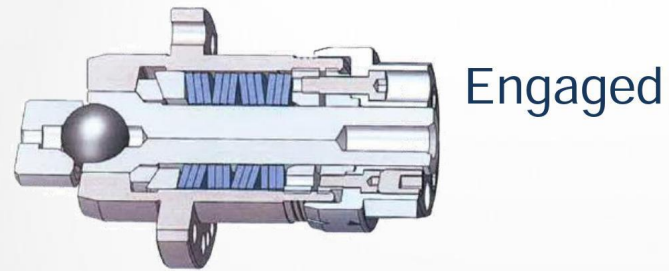
TSCHAN TNT - Heavy Load Torque Limiter



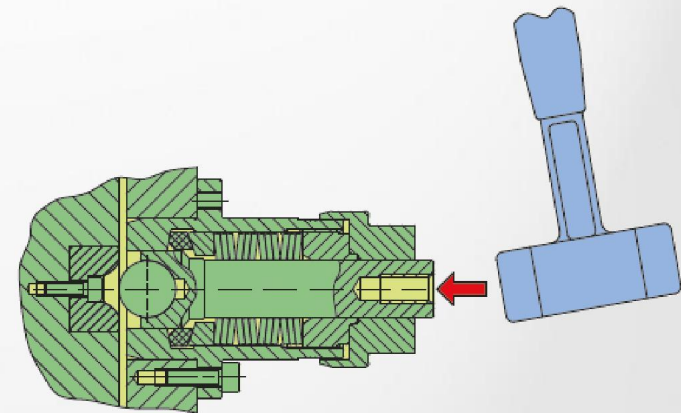
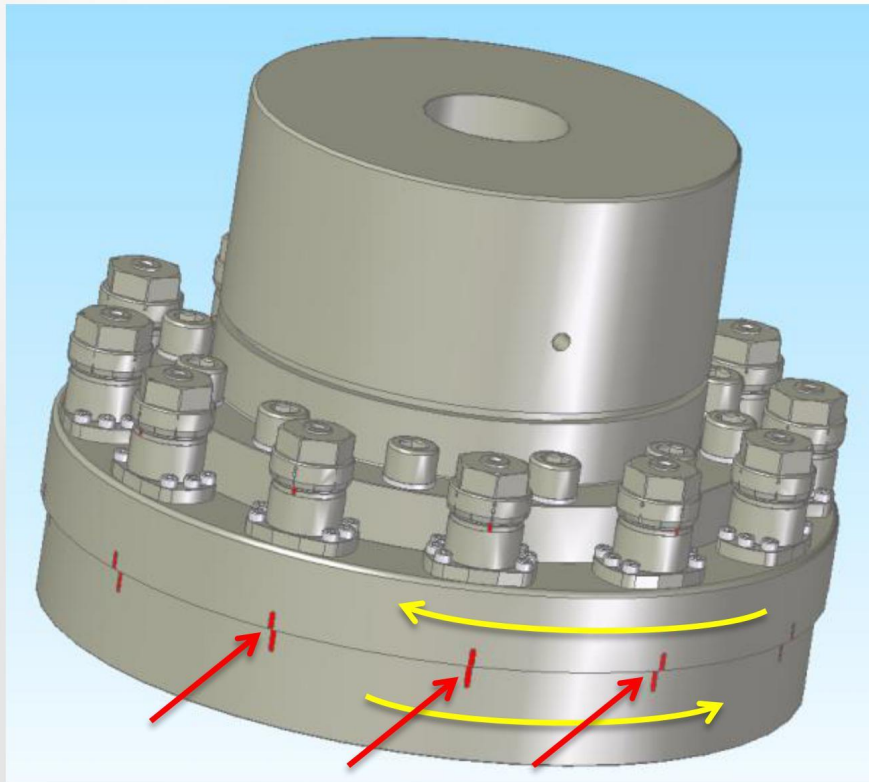
Designed for overload protection in heavy duty, high speed and high inertia machines such as:

- Dredgers
- Extruders
- Industrial shredders
- Industrial conveyors
- ...

TSCHAN TNT – Functional principle



TSCHAN TNT Re-engagement



TSCHAN TNT – Types

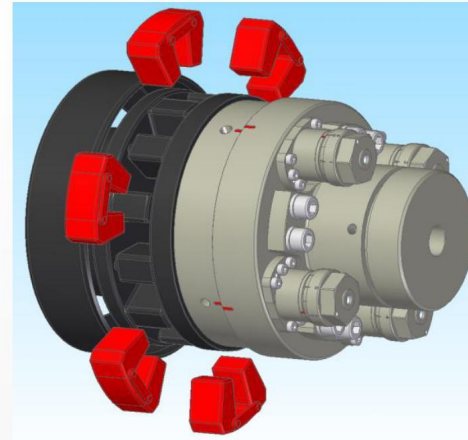


TNT 2420

Flange / Keyway hub

Bore diameter: 25 - 200mm

TSCHAN TNT – Types



TNT 2425

Elastomeric coupling with keyway hubs

Bore diameters

Elastomeric side: 30 – 200mm

Coupling side: 25 – 200mm

FLANGE COUPLING RfN 5571

– Sizes and Designs –

Version A:



- mounted from „shaft-side“
- with hexagon head screws for shrink disc

Version B:



- mounted from „flange-side“
- with hexagon head cap screws for shrink disc

FLANGE COUPLING RfN 5571

– Sizes and Designs –

Version A:



- mounted from „shaft-side“
- with hexagon head screws for shrink disc

Version B:



- mounted from „flange-side“
- with hexagon head cap screws for shrink disc

FLANGE COUPLING RfN 5571

– Sizes and Designs –

Version A:



Complete
flange coupling

Version B:



Half
flange coupling

