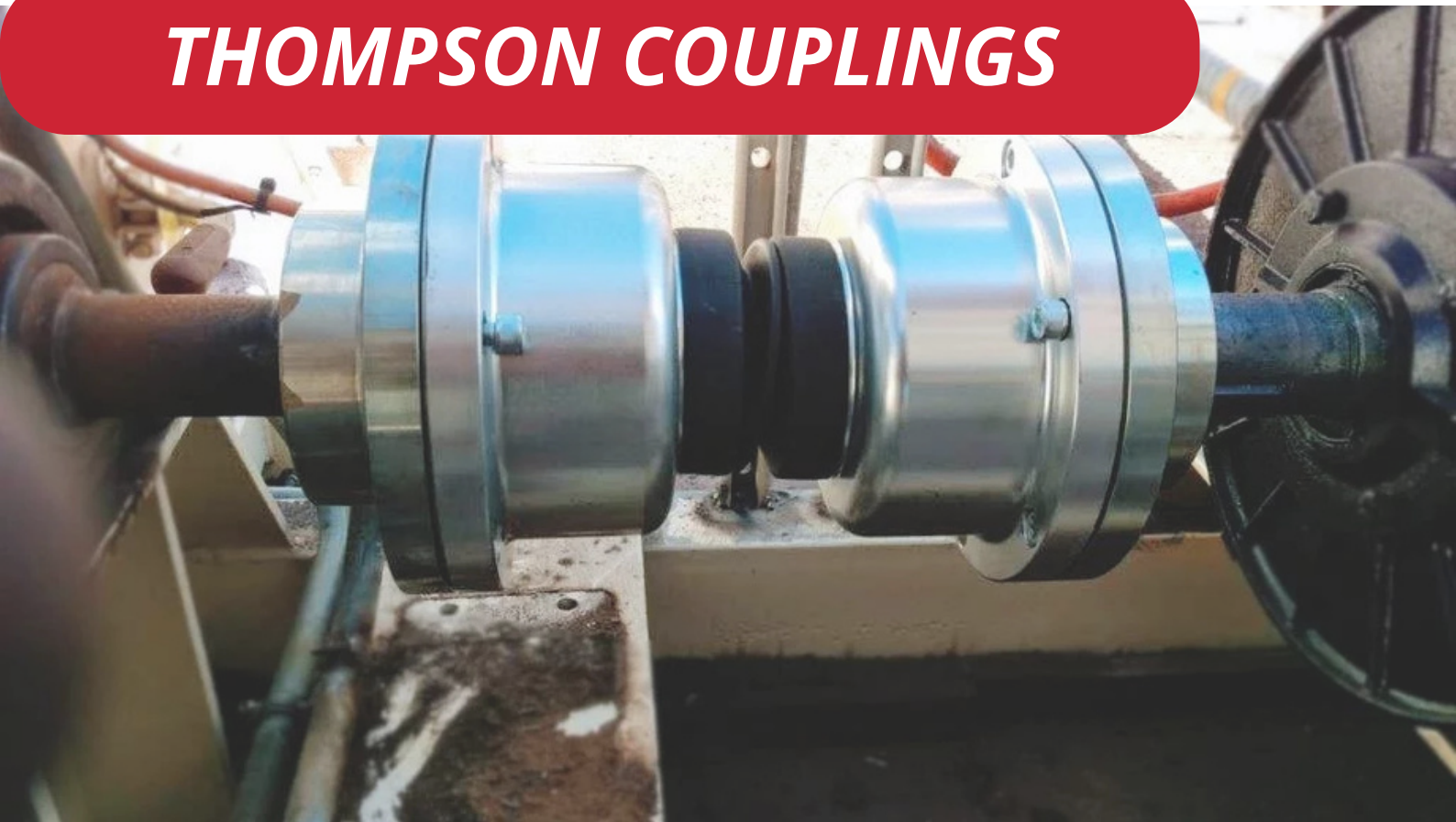




quality makes a difference
thompson
COUPLINGS

THOMPSON COUPLINGS



*“When reliability
meets innovation”*



SANOK RUBBER
COLMANT CUVELIER



POWER TRANSMISSION
COURROIES ET COMPOSANTS · BELTS AND COMPONENTS

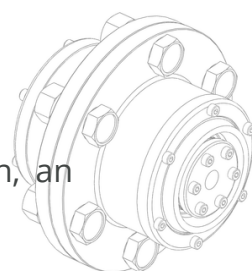
Colmant Cuvelier partners with **Thompson Coupling** to offer you a range of TCAE constant velocity couplings with unique drive and cutting edge solutions.

TCAE : Thompson Couplings Alignment Eliminator *the solution to your problems*

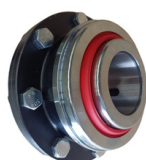
TCAE - S series



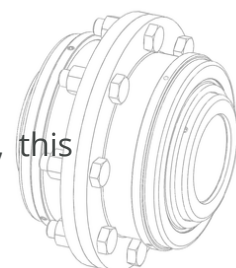
A close-coupled design for applications where axial space is limited. In addition, an economical spacer design is available to extend the length of the coupling.



TCAE - ST series



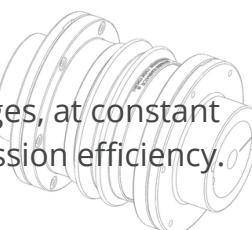
A close-coupled design for applications where axial space is limited. In addition, this Trade Marked Designed Coupling can be fitted with a taper lock.



TCAE - R series



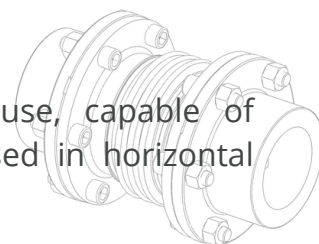
The regular range of couplings delivering high performance across high-speed ranges, at constant velocity. These couplings offer a long service life, high reliability and a high transmission efficiency.



TCAE - V series



A coupling for vertical applications, compact and robust, for intensive use, capable of transmitting a high torque. Its axial dimensions are reduced. It can be used in horizontal applications.



TCAE - E / ET / L series

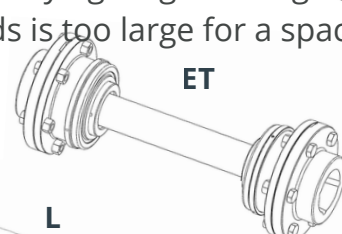
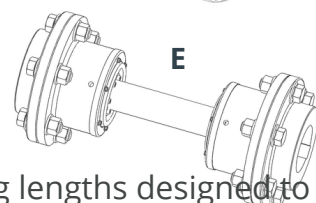


The **TCAE E**, **TCAE ET** and **TCAE L couplings** use a hollow or solid shaft of varying lengths designed to the customer's requirements. Used where the distance between shaft ends is too large for a spacer type coupling.

Série E : with a key , bored and straight-grooved.

Série ET : with a taper-lock.

Série L : either with taper-lock, or bored and straight-grooved.



TCAE : Thompson Couplings Alignment Eliminator

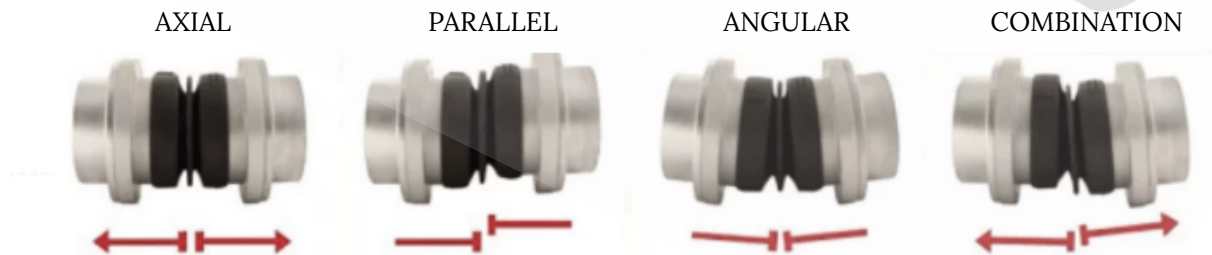
The coupling you can fit and forget !

A : Benefits

- Models allowing large angle deviations - **up to 10° of misalignment.** (See B)
- **No** laser alignment - **quick and easy installation.** (See B)
- **Easy to install** - **without prior adjustment**, hot or cold. (See C)
- Reduction of noise and vibration - **protection of the motor and driven shaft.**
- Maintenance Free - **No greasing to be expected.** (See D)
- Increase in the lifespan of your equipment.
- Use in harsh environments.
- Reduction of operating and power costs
- Components serial numbered.

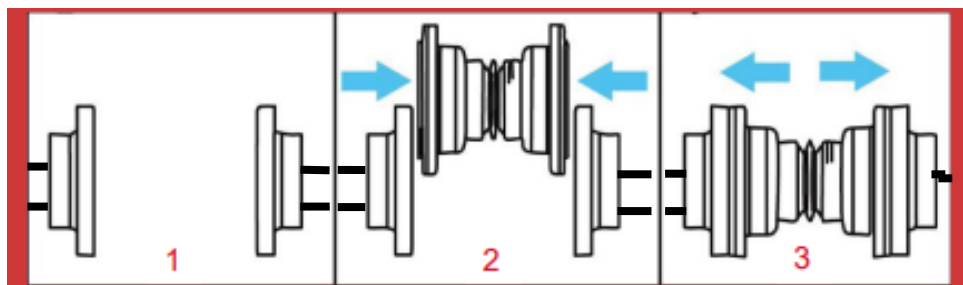
B : Capabilities

- **The TCAE coupling** articulates **up to 10 degrees** angular misalignment, in combinaison with parallel misalignment.
- **The TCAE coupling** extends and compresses to accommodate movement between connected devices.



C : Installation

Quick release flanges allow for easy installation and replacement of TCAE. Simply fix the flanges on the pump and motor shafts (1), compress the TCAE to fit in between (2) and then expand and attach the TCAE (3).



D : Maintenance

 Nitrile material, very good resistance to oils, greases, fuels, gases and abrasion. Flexibility and elasticity ensure effective sealing. Protects the connection and ensures the life of the lubrication.

Working temperature between -40°C and +120°C, see 250°C with the Viton material on request.

TCAE : Thompson Couplings Alignment Eliminator

Return on investment

A coupling that is not aligned can be expensive for you (maintenance costs, technical stops, laser alignments, energy overheads due to misalignments...)

The TCAE coupling is the solution to reduce your costs.

Our technical team is at your disposal.

Range of applications



OIL & GAS



PAPERMAKING



AGRICULTURE



TRANSPORT



MARITIME & FLUVIAL



ROLLING MILLS
GLASS FACTORY



EXTRACTION



AGRO-FOOD

Quality



Compliance with safety and quality standards required by the European Union.



Compliance with standards to ensure quality and customer satisfaction.



Affiliation to the recognized AIDN association in the defense, security, and industry sectors. (Australian Industry and Defence Network).



Compliant with standards for use in potentially explosive atmospheres (ATEX zone, IECEx...) Designed to not trigger an explosion, even in the presence of flammable gases, vapors or dust.



Compliance with the rules, standards and technical standards established by the ABS (American Bureau of Shipping) for maritime or offshore applications.

Assistance et Services

Our technical and commercial team at your service ←

- Audits installation
- Training sessions
- Reliability



At your disposal on our website



- Data sheets
- Application questionnaire
- Computational tools



**SANOK RUBBER
COLMANT CUVELIER**



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