

CUSTOM ENGINEERING DESIGN AND MANUFACTURE

We are delighted to bring to your attention an aspect of Thompson Couplings that you may not be fully aware of. While we are renowned for our exceptional line of couplings, we want to emphasise that we have been offering bespoke engineering design and manufacturing services for a long time.

At Thompson Couplings, we pride ourselves on our commitment to providing tailored solutions to meet your specific requirements. Whether it's solving complex challenges or optimising efficiency, our expert engineers have always been here to support your needs.

Here are just a few examples of how our engineering design and manufacturing expertise combined with our reliable couplings have made a difference:

Water Supply Vertical Application: We designed a coupling with a 2.5-metre shaft featuring a 10-degree swing. This innovative solution not only meets the specific needs of the application but also integrates seamlessly with our standard couplings, ensuring long-term reliability and ease of maintenance.

Helicopter Test Bed Couplings: Our precision-engineered couplings provide seamless power transmission from the motor to the blades and from the motor to the tail rotor, minimising vibration and reducing the need for frequent maintenance checks.

Offshore Drilling Rig Coupling Solution: Our standard couplings, known for their durability and reliability, were the perfect fit for solving a challenging coupling issue at the top of a drilling shaft on an offshore rig. Their long life and low maintenance requirements ensured uninterrupted operations in a demanding offshore environment.

Mining Truck Power Take-off Unit: Designed specifically to handle four degrees of misalignment, our custom power take-off unit for a mining truck showcases the adaptability and reliability of our standard couplings.

These examples demonstrate not only our commitment to delivering custom engineering excellence but also the reliability and durability of our standard couplings. Whether it's a custom solution or a standard coupling, Thompson Couplings is your trusted partner for engineering solutions that last.

In addition to our unique engineering solutions, we want to highlight the outstanding features of our standard couplings. Our entire range of couplings is engineered to reduce maintenance needs, making them hassle-free and cost-effective. They are designed to be easy to fit, saving you time and resources during installation. Furthermore, our couplings boast a long lifespan, ensuring reliable performance throughout their service life.

Our existing range of couplings includes solutions for a wide range of applications, from standard to highly specialised needs. These couplings are meticulously designed to meet the highest standards of reliability, durability, and ease of maintenance. Whether you require couplings for industrial pumps, automotive applications, or marine systems, Thompson Couplings has you covered. The best part of all is that using one of our Couplings will reduce your maintenance costs and increase your productivity.

We invite you to explore the full range of possibilities with Thompson Couplings and experience the difference our engineering expertise and reliable couplings can make in your projects. Contact your distributor or Thompson Couplings directly today to discuss your specific requirements and let us help you save money and time.