

Beattys



SHAPING OUR COUNTRY
WITH OUTSTANDING
DRIVESHAFT
PERFORMANCE.



EARTHMOVING

SOME OF THE BRANDS WE SUPPORT.



JOHN DEERE



DRIVESHAFTS.



Universal joints have premium grade lubricant or service free 'lube-for-life' options.



NZ

DESIGNED & MANUFACTURED

THE COMPLETE SERVICE.



DESIGN.

Beattys offers a full consultation and design service to meet any custom requirements that are needed.

24 | **SUPPLY**
HOUR | **GUARANTEE**
ON BREAKDOWNS.

■ Premium automated welds allow for deep penetration and precise control while keeping consistency to a maximum.

■ Upgraded to European style splines that are larger in diameter with finer splines resulting in increased capacity and longer service life.

■ High grade tubing increasing the resistance to high shock loadings.

■ All driveshafts are balanced to ISO 1940 standard and balance weights are spot welded to prevent fracturing and stress on the driveshaft tube.

■ Custom designed yokes to suit specialty heavy duty or high angle applications.

■ Beattys can replace or upgrade sliding spline assemblies to have heavy-duty housings and integral seal systems that protect from contamination and wear.

■ Upgraded and reinforced yoke designs to prevent catastrophic failure.



MANUFACTURE.

Throughout our driveshaft manufacturing process, you can be guaranteed the highest level of engineering excellence and commitment to quality.



REPAIR.

Beattys have the skills and componentry to repair all driveshafts. Our large capacity allows us to complete urgent jobs with minimal operational down time.



MODIFY.

Beattys can modify all types of driveshafts whether it be shortening, lengthening or changing drive ends. All modifications are designed to meet OEM specification

HANGER SHAFTS.



Custom designed yokes and flanges to suit a large range of applications.

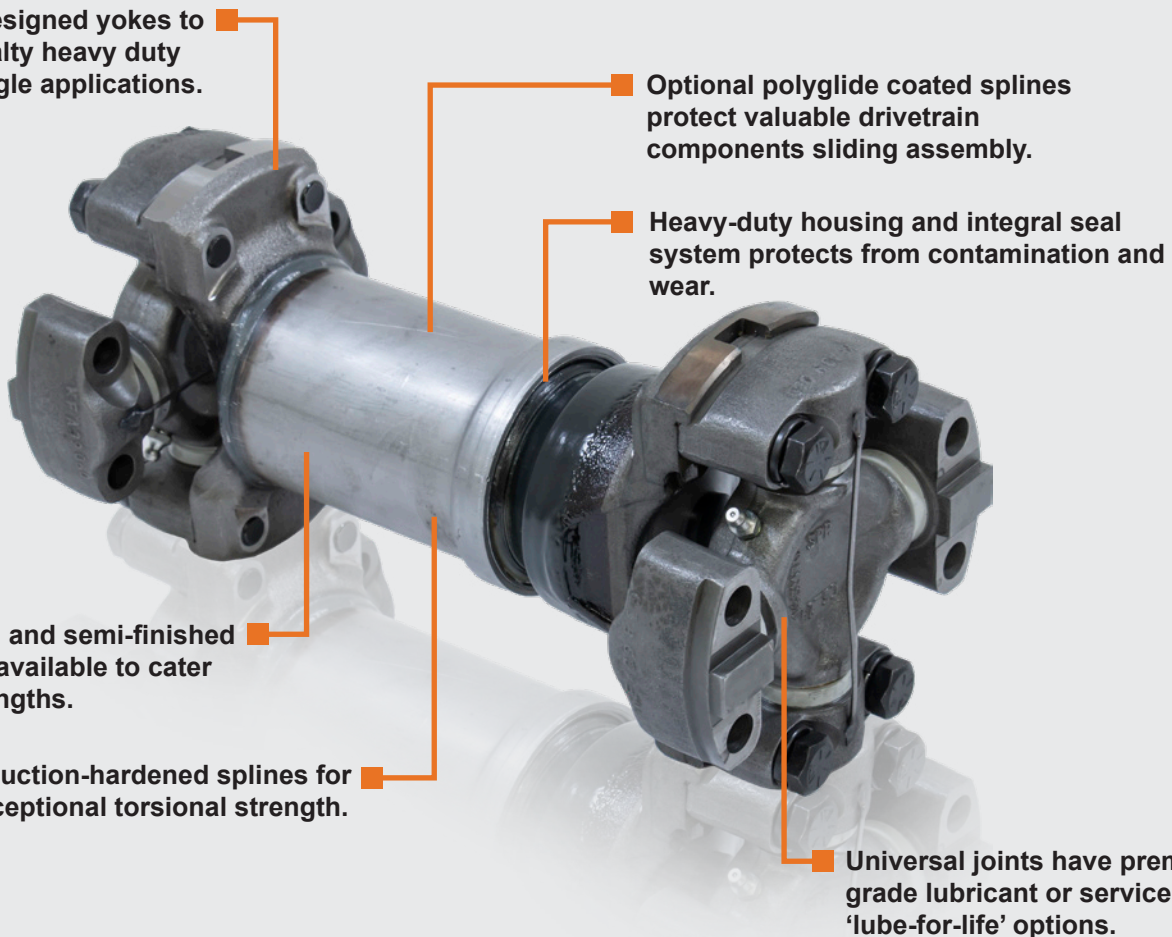
All componentry and workmanship carried out to meet or exceed original specification.

Upgraded yokes with increased support and torque capacity at potential fracture points.

Heavy duty bearings and housings designed to handle harsh conditions.

Flexible rubber housings also available according to OEM specifications.

SHORT COUPLED SHAFTS.



Custom designed yokes to suit specialty heavy duty or high angle applications.

Optional polyglide coated splines protect valuable drivetrain components sliding assembly.

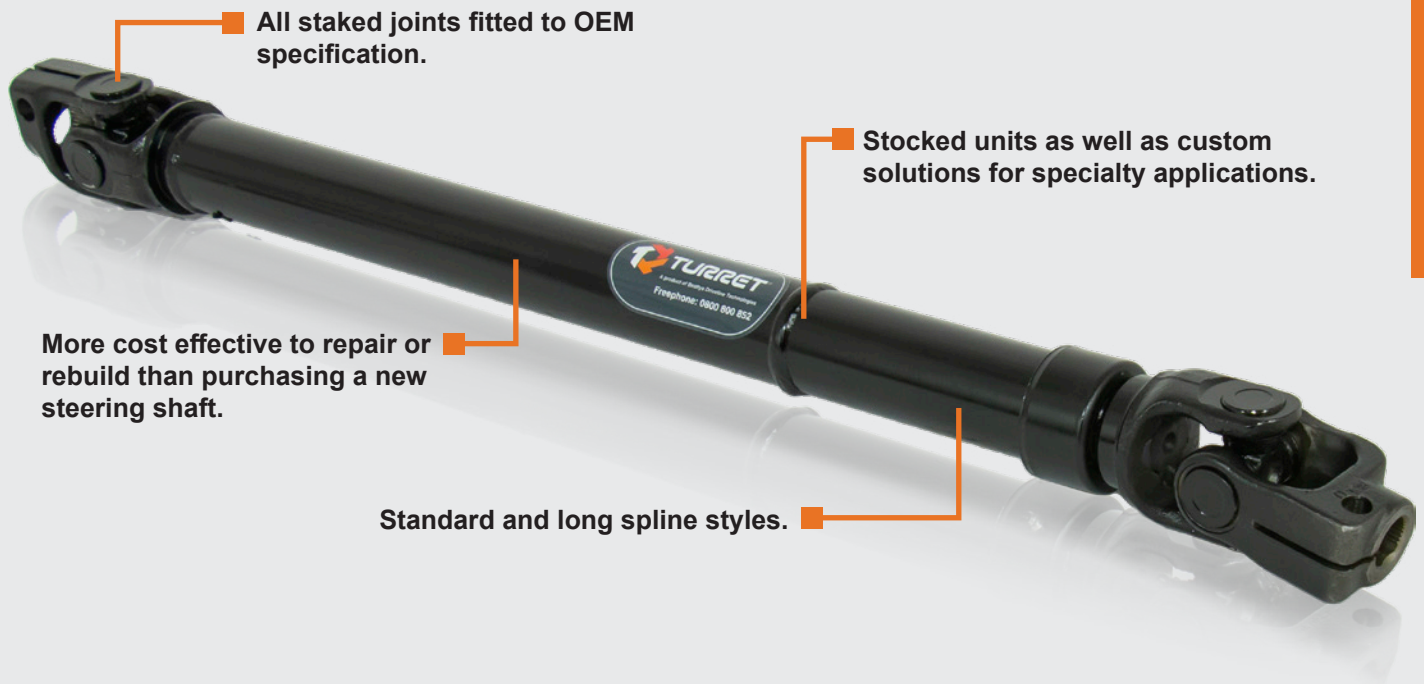
Heavy-duty housing and integral seal system protects from contamination and wear.

Finished and semi-finished options available to cater for all lengths.

Induction-hardened splines for exceptional torsional strength.

Universal joints have premium grade lubricant or service free 'lube-for-life' options.

STEERING SHAFTS.



All staked joints fitted to OEM specification.

Stocked units as well as custom solutions for specialty applications.

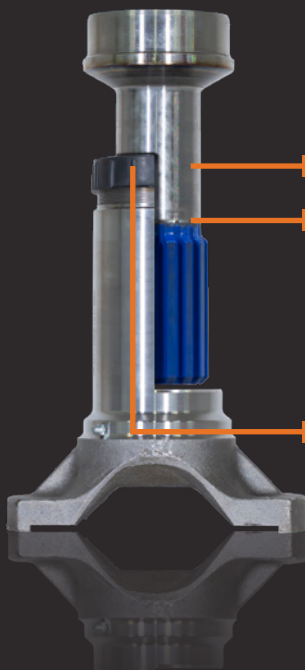
More cost effective to repair or rebuild than purchasing a new steering shaft.

Standard and long spline styles.

ALL STAKED JOINTS FITTED TO ORIGINAL OEM SPECIFICATION

SPLINE UPGRADES.

SAE Spline.



- Screw on seal.
- Shorter square cut male splines can require more clearance and can result in noisy driveshafts with vibrations, especially in high RPM applications.
- If the seal is breached, debris comes in contact with spline immediately.

DIN Spline.



- Large diameter spline.
- Involute splines have fine clearance tolerance reducing noise and vibrations.
- Longer splines with 100% engagement across the complete slip.
- Superior seal system guarantees no debris can affect the performance and wear of the spline.

UNIVERSAL JOINTS.

Manufactured with premium materials and processes to ensure durability and superior performance.

High spec multi-lip seals for maximum retention of grease and keeping contaminants out.

Thrust washers allow for finer fitting tolerances with cooler operating temperatures.

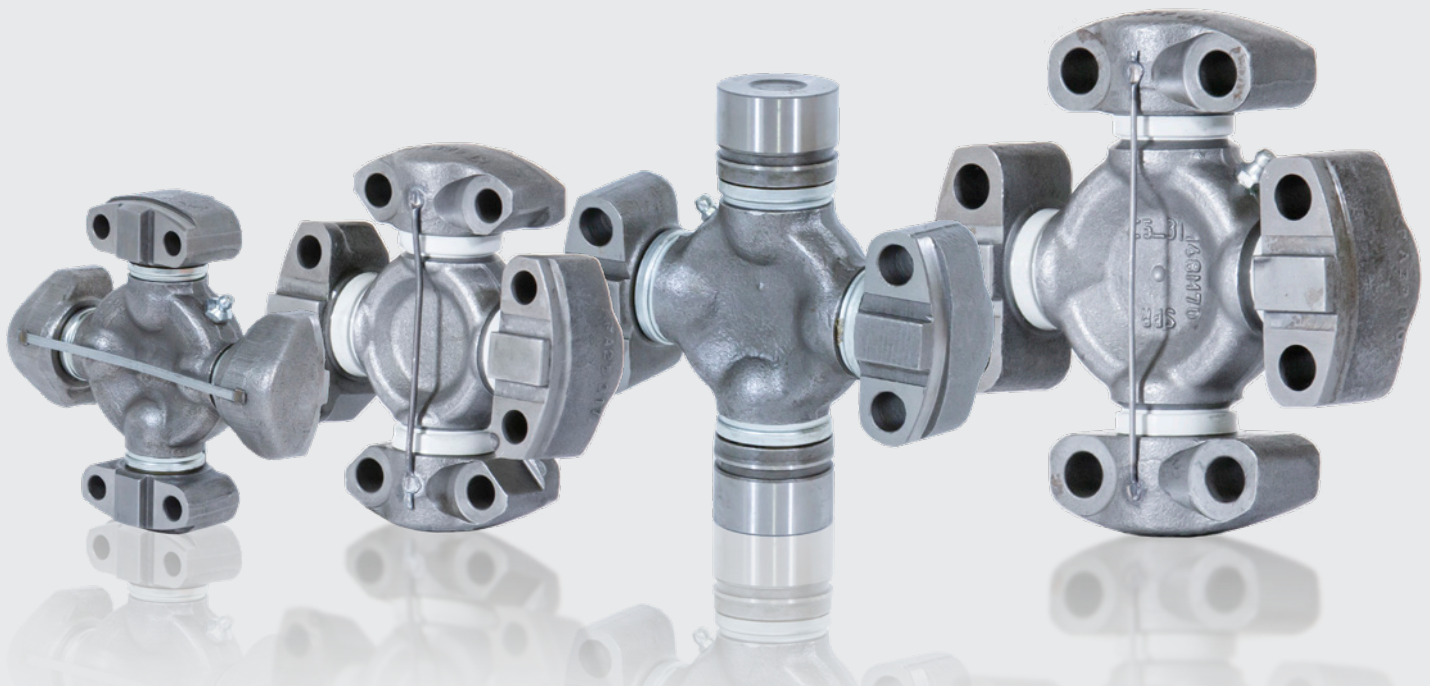
Engineered to meet the specific demands of any specified vehicle.

Optional pre-lubricated and sealed for life system to seal out contaminants and eliminate maintenance.

Extended universal joint life with lowering maintenance and operational costs.

Optional grease nipple to allow for contaminants purge during preventative maintenance routines.

OVER 100 DIFFERENT WING STYLES AVAILABLE



COMPONENTS.



DIFF / TRANSMISSION YOKES.

Beattys stock a range of common diff yokes as well as a range of semi-finished ready for custom machining to suit your specific requirements. Our technical team has designed a range of upgrades with heavy duty reinforced ears that increase the yokes reliability and performance.



TUBE YOKES.

Turret tube yokes come in a large range of styles and profiles. With increased reinforcing in the ears, Turret tube yokes can handle higher torque without any compromise.



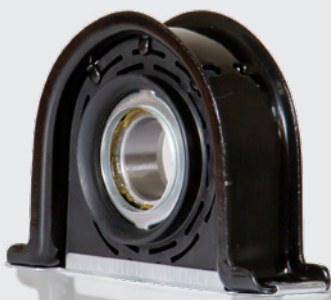
DOUBLE CARDAN JOINTS.

Where driveshafts are operating at high angles there is often a demand for double cardan joints. A pin or ball system in the middle gives the assembly support and allows the driveshaft to operate without premature wear of the universal joints.



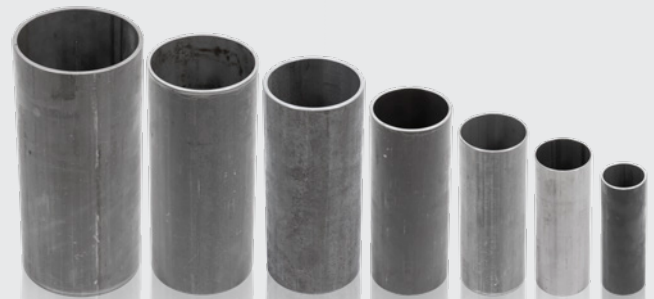
SLIP SETS.

Beattys stock both SAE and European slip sets to suit all earth moving applications. With increasing demand on driveshafts from heavy machinery, the quality of the slip set becomes an integral component to the successful operation of the vehicle.



CENTRE BEARINGS.

Turret centre bearings always provide optimal alignment, which translates into improved performance and durability of the driveshaft. Our advanced technology reduces noise and vibration, while maintaining the driveline angle to maximize driveshaft and component life.



DRIVESHAFT TUBE.

Beattys stock a complete range of driveshaft tube ranging from 25mm to over 140mm with a variety of wall thickness options throughout the complete range. All our tubing is sourced from industry leading suppliers and meets all ISO and other industry standards.

OVER 30,000 DRIVESHAFT PARTS HELD IN STOCK AT ALL TIMES



Beattys



Optimal Performance
Whatever the Challenge

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