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YOUR TRANSDEV MAGAZINE

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UPWARDLY MOBILE

Continental and BRECO belts take lifting applications to the next level

Continental

BRECO TIMING BELTS

In this issue:

HYGIENIC THERMOPLASTIC BEARING HOUSINGS

CANNING SOLUTIONS

LATEST ESBAND PRODUCTS

RESATEC MOTOR BASES SUPPORT FRICTION BELT DRIVES





NEW AT5 BRECOMOVE BELTS INSIDE

FREE 2027 WALL PLANNER INSIDE

SINCE 1965

TransDev® THE POWER IN MOTION

CONTI® Rubber Lifting Belts
The Economic Choice for Vertical Transport

CONTI® lifting belts provide a cost-effective and dependable solution for a wide range of industrial transport tasks.

Designed for vertical applications, these belts support the efficient lifting of materials and components in demanding environments. Their robust construction, stable running characteristics, and adaptable designs make them ideal for modern manufacturing and logistics systems.

Lifting belts offer exceptional tensile strength and low elongation for vertical lifting and hoisting tasks in automotive plants. Their compact structure and balanced design allow efficient movement of loads in elevators, lifting platforms, and material-handling systems. Optional fastening or anchoring solutions allow easy integration into existing lifting mechanisms.



A System Built for Efficiency

- Long service life through correct tensioning and durable materials
- Stable, low-maintenance performance
- Compatibility with a wide range of industrial layouts
- Reduced operational downtime and energy consumption
- Safety-enhancing, silicone-free construction

CONTI Lifting Belt vs Conti Polyflat Belt Comparison

	Cover Material	Tension Members	Widths (mm)	Loads	Drives	Temperature °C	Typical Applications
Lifting Belts	Rubber	Steel	75-360	Heavy	Conventional	-30 to +60	Automotive Manufacturing
Polyflat Belts	Polyurethane	Zinc coated Steel, Stainless Steel or Aramid	10-150	Light to Medium	Compact	-10 to +50	Car Washes, Forklifts, Scissor Lifts

QUICK NEWS

TransDev exhibited at the Midlands Machine Building Exhibition at Stoneleigh Park



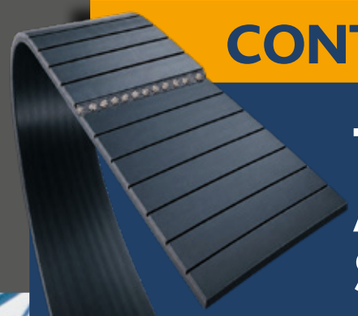
Pictured left to right: Steve Jones (Sales Director) and Gordon Smith (Midlands Sales Engineer).

Aluminium Hard Anodising Now Available

In-house, alongside our wide range of surface treatments.



CONTI POLYFLAT



THE PU FLAT BELT ALTERNATIVE TO STEEL ROPES

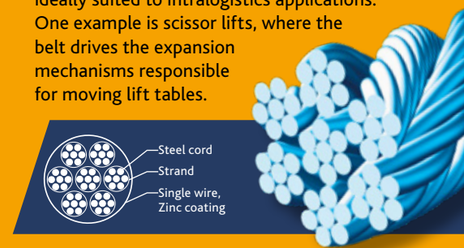
- Enables compact drive designs
- Service life up to three times longer than Steel rope
- Maintenance and lubrication-free operation

Polyflat offers a high-performance alternative to conventional Steel ropes. Thanks to its compact design, the Steel-cord reinforced Polyurethane flat belt allows the use of smaller drive pulleys and space-saving geared motors.

Polyflat incorporates Steel cords made from 49 individual wires embedded within a durable Polyurethane coating. This combination delivers exceptional tensile and breaking strength, while the abrasion-resistant coating and excellent traction properties ensure reliable power transmission, even under maximum load conditions.

The result is a highly durable drive solution with an exceptionally long service life. Polyflat can last up to three times longer than a comparable Steel rope, reducing replacement frequency and lowering operating costs. In addition, the belt requires no lubrication and is completely maintenance-free, helping to minimise downtime and servicing expenses.

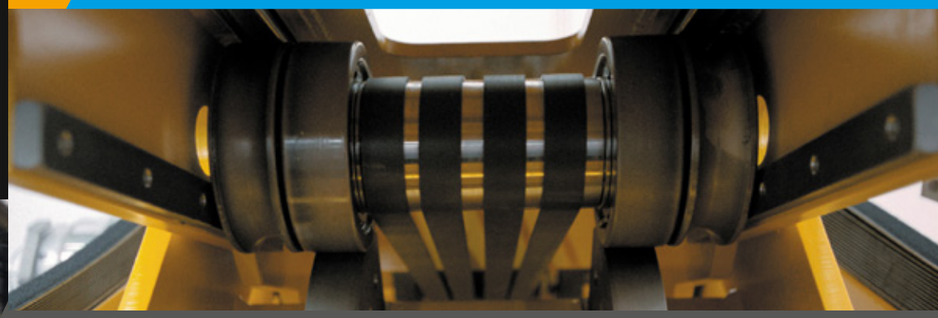
Widely established as a suspension medium in elevators, Polyflat is also ideally suited to intralogistics applications. One example is scissor lifts, where the belt drives the expansion mechanisms responsible for moving lift tables.



Another is overhead conveyor systems used in automotive manufacturing to transport vehicles from body assembly through to final production stages.

In both applications, Polyflat provides precise positioning and reliable operation without the need for maintenance or lubrication. It can also replace traditional lifting chains in floor-handling equipment such as forklift trucks, delivering a cleaner, more efficient and longer-lasting drive solution.

Contact TransDev on +44 (0)1202 675 555
or email sales@transdev.co.uk for further information or to order.









HARDWARE

DURABILITY & PERFORMANCE

Thermoplastic Bearing Housing Units With Stainless Steel Inserts



Coloured Thermoplastic Bearing Housings include housings in a choice of 4 colours with included protective End Cap and Stainless Steel Bearing insert. They are ideal for food & beverage and pharmaceutical applications.

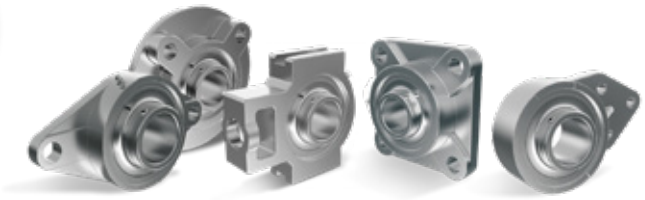
- **Thermoplastic housing**
- **4 colour options (White/Green/Blue/Black)**
- **Stainless Steel insert included (not assembled)**
- **Protective End Cap**
- **Hygienic**
- **Suitable for low and high temperatures**
- **Chemical solvent resistant**
- **Durable and ideal for heavy loads**
- **Further metric and imperial sizes available**

DRIVEFLEX

ALSO AVAILABLE

Stainless Steel Bearing Housings

Contact us for more information, or visit www.transdev.co.uk



1 Select Housing Type

Series

UCPL, PPL, FBL, FPL, NFL

2 Choose Colour



3 Confirm Bearing Insert



All our thermoplastic bearing housings are supplied with SUC 200 Series Stainless Steel Bearing Housing Inserts

MANUFACTURED TO FDA STANDARDS

NEW Resatec Motor Bases for Friction Drives

RESATEC AG

The RESATEC MW 8 motor base is designed as a highly versatile solution for friction belt drives, powered by motors from 7.5 to 45 kW.



Its continuously adjustable design allows it to adapt easily to various belt types and quantities, ensuring precise alignment and reliable performance.

Equipped with two integrated axle stabilisers, a robust, maintenance-free pretensioning device, and a screw-head bracket, the MW-8 enables safe, simple, one-person installation. All necessary mounting holes are pre-configured for motor housing sizes from IEC 160M–225M and NEMA 254T–365T, making integration quick and straightforward.

For larger applications, the RESATEC MW 10 is engineered for motors ranging from 37 kW to 200 kW.

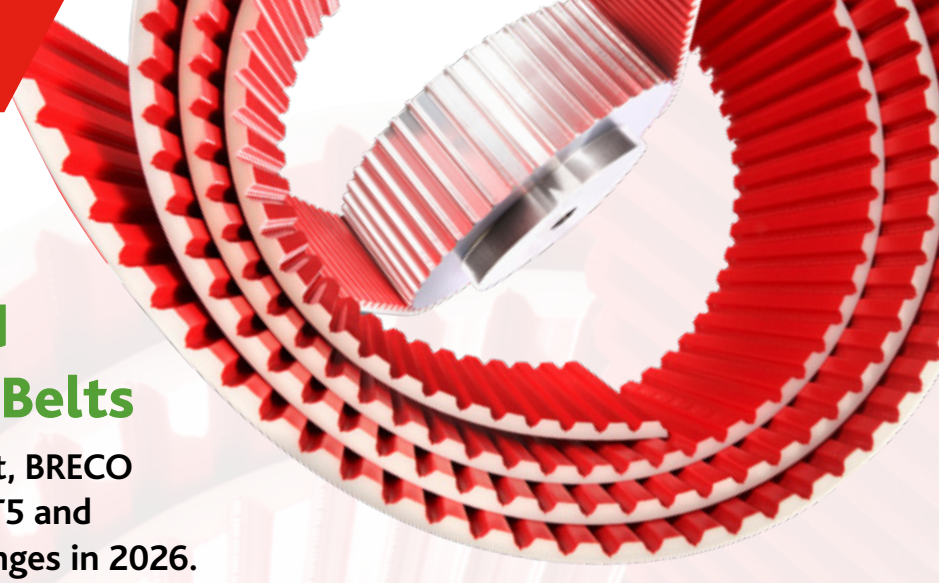
This powerful unit features a single, stepless, maintenance-free pretensioning system, with axial ball bearings, ensuring smooth operation and effortless tensioning. Compatible with IEC 225S – 315M and NEMA 404T – 447T motor sizes, the MW-10's compact design enables easy installation, even in existing systems where space is limited. Its self-regulating function guarantees optimal belt tension at all times, for maximum efficiency and extended component life.

Both the MW 8 and MW 10 deliver consistent traction performance, reduced maintenance, and long-term reliability. With perfectly maintained belt tension, operators benefit from lower downtime, improved energy efficiency, and enhanced operational stability.

- **50% reduction in V-belt replacement time, with no need to realign drive pulleys.**
- **Up to four times longer belt life thanks to constant, correct tension.**
- **Increased system reliability, protecting pulleys, bearings, and motor axles.**
- **Lower energy consumption due to optimal belt tension.**
- **Improved safety through simple and secure handling.**
- **Fully galvanised components for long-lasting durability.**
- **Absolutely maintenance-free for minimal intervention and maximum uptime.**

For further information ask our Technical team.

PU BELTS



NEW BRECOmove and BRECOFLEXmove AT5 Belts

Following four years of development, BRECO is launching the new BRECOmove AT5 and BRECOFLEXmove AT5 timing belt ranges in 2026.

Developed with a new STA-BM 0.6 tension member and specially adapted laminate, the belts offer significantly improved performance over standard AT5 belts, delivering around 25% higher transmittable force and 40% greater rigidity.

The new AT5 move range expands the BRECOmove family, providing a stronger, more robust solution for demanding power transmission and positioning applications.

BRECOmove Lifts the Load

The BRECOmove® timing belt was originally developed for power transmission, featuring optimised tooth geometry, a friction-reducing surface and reinforced tensile members. Its high tensile strength, controlled stiffness and exceptional resistance to tearing make it ideally suited to load-bearing and lifting applications, particularly vertical axes, goods lifts and industrial handling systems where reliability, precise positioning and long service life are essential.

- FEM-OPTIMISED TOOTH FLANK GEOMETRY
- NEWLY DEVELOPED TENSION MEMBER FOR TRANSMISSION OF STRONGER FORCES
- MINIMISED WEAR DUE TO A LAMINATE COATING
- SPACE SAVER DUE TO THE OPTION OF CHOOSING A NARROWER BELT WIDTH

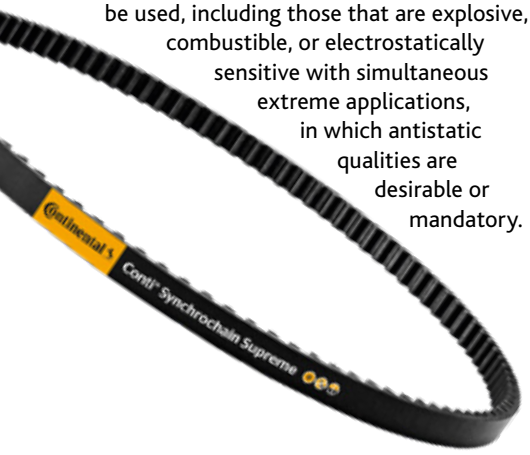
CONTI SYNCHROCHAIN® SUPREME

Synchrochain Supreme combines the advantages of Synchrochain Carbon with the benefits of an antistatic belt.

Combines extremely high load capacity with antistatic properties

The advantages of the well-known Synchrochain Carbon power transmission belt and those of an antistatic belt are combined in the CONTI Synchrochain Supreme power transmission belt, giving users the best of both worlds.

Synchrochain Supreme broadens the range of situations in which polyurethane belts may be used, including those that are explosive, combustible, or electrostatically sensitive with simultaneous extreme applications, in which antistatic qualities are desirable or mandatory.



Properties retained over the entire service life

The CONTI Synchrochain Supreme belt transfers high torques and can be used to replace chain drives, just like the Synchrochain Carbon. Its resilience to ageing and maintenance-free nature make it an excellent choice for long-term applications, especially in severe situations. Synchrochain Supreme guarantees antistatic qualities throughout the duration of its service life, going far beyond the ISO 9563 standard requirement. The ISO 9563 standard only requires electrical conductivity on delivery.

Now, applications including everything from energy recovery systems and air-cooled heat exchangers to petroleum refineries, geothermal power plants, grain silos and processing facilities, sawmills, mining, and chemical processing can be supported safely.

*As with belt drives operating in any explosive environment, the customer is responsible to qualify the application.



- Polyurethane teeth belt backing
- Carbon tension member
- Antistatic fabric to tooth surface
- Antistatic property according to ISO 9563*
- Maintenance-free
- PU material is oil resistant according to DIN 53428 (reference oil: IRM 903)
- PU material is ozone resistant according to DIN ISO 1431
- PU material is resistant against light exposure according to DIN EN ISO 4892
- 8M Lengths 720 to 4480mm / Widths 12 to 62mm
- 4M Lengths 994 to approx. 5502mm / Widths 20 to 125mm





SPECIALISED BELTING AND CHAIN SOLUTIONS FOR CANNING LINES

TransDev offers a range of specialist products for this demanding application.

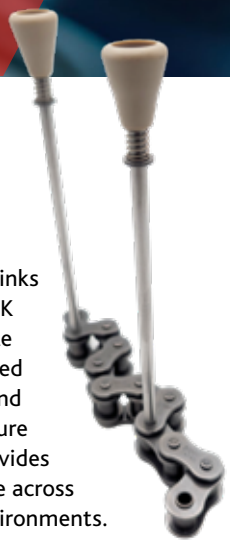
Volta TPE Round Belts

Canning lines demand reliable, low-friction components to protect both printed tin sheets and the inner can surface during production. Special round-profile belts are essential for guiding sheets through printing without scratching, and for supporting long filling lines—often hundreds of metres—where stationary cans rest on belts as the line runs beneath them. Volta meets these demands with a range of durable TPE round belts available in multiple diameters, including reinforced options such as Steel-cord constructions to prevent elongation under heavy loads.

D.I.D. Pin Oven Chain

For the thermal processing stages of can manufacture, D.I.D. Pin Oven Chain (also known as Deco Chain) provides a high-performance solution for conveying decorated and base-coated cans through high-speed, high-temperature ovens. Widely used in the Japanese market for its long service life, the chain offers a wide selection of types and pin-tip styles to suit different production requirements.

Designed specifically for can manufacturing, D.I.D. Pin Oven Chain incorporates several key advantages: wide clearance between plates for better lubrication penetration, reduced sludge and fume contamination, smooth polished plates for easier cleaning, and a larger pin-to-bushing bearing area for improved stability. The chain also supports easy maintenance with non-riveted pins and spring-clip connecting links featuring long pins with PEEK tips. With a minimum tensile strength of 32.4 kN, extended bushings for improved fit, and long-pin projections for secure conveying, this solution provides robust, reliable performance across demanding can-making environments.





WIPPERMANN

Wippermann's New Chain Wear Indicator

Check roller and leaf chain condition quickly and accurately—right at the machine.

Chain elongation happens naturally over time, and if ignored, it can cause malfunctions and extra wear.

This tool helps you spot issues early, so you can plan maintenance in good time. Simply place the indicator against the chain to see immediately whether the wear limit has been reached. Rear stops ensure easy and precise use, even on smaller chains like 06B.

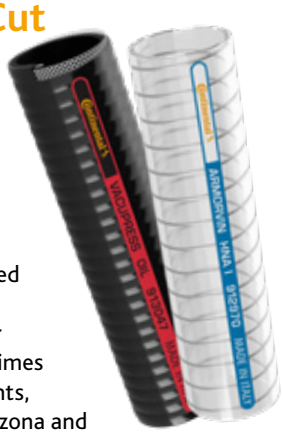
Built for Hygienic Environments

Made from corrosion-resistant V2A Stainless Steel, the indicators withstand frequent cleaning and disinfection. Laser-engraved markings stay clear and readable over time.



ALL VERSIONS ARE AVAILABLE IMMEDIATELY
If you're unsure which model fits your chain, our team is happy to advise.

Continental Hoses Cut for Quick Delivery



At TransDev, we know that speed and accuracy are critical when it comes to supply from our extensive range of Continental rubber and thermoplastic hoses.

That's why many of the hoses featured on our website are available with a cut-to-length service, enabling faster turnaround times and reduced lead times for your projects. Popular hose variants, such as Armovin HNA, Ragno PU, Arizona and Vacupress are now easily ordered for your convenience.

Our in-house cutting service ensures clean, precise cuts to your required length, helping you minimise waste and get exactly what you need—ready to install. Whether you're ordering industrial or specialist hoses, our team works efficiently to support urgent demands and keep downtime to a minimum.

REQUEST YOUR 1000 PAGE+
'THE BEAST'
CATALOGUE



Esband Endless V-Guides Go The Distance

Esband Endless V-Guides provide reliable belt guidance for conveyor systems operating under high loads or over long distances.

Manufactured endlessly from FDA-approved thermoplastic polyurethane, they offer improved durability, non-directional operation and consistent tracking performance—without glued or welded joints.

Custom profile and notching options ensure excellent flexibility and smooth belt guidance, even in applications with tight deflections. A proven solution for stable, accurate belt tracking in demanding industrial environments.

Schlatterer Esband



Esband Belts Feel the Squeeze with New LX Material



Esband squeeze belts deliver reliable separation for food and recycling applications – from meat and poultry to fish and vegetables.

Made from high-quality, FDA-compliant materials, they now offer even greater durability thanks to the new LX TPU coating.

The new LX material provides improved cut resistance and high pressure stability, with the LX 1812 version designed specifically for demanding applications. A tear-resistant fabric core combined with a textured polyurethane surface prevents damage from sharp objects such as bones.

Abrasion-resistant, easy to clean, and resistant to oils, greases, and temperatures up to +80 °C, Esband squeeze belts can be tailored to suit any system, speed, or pressure requirement.

Esband Pressure Rollers Avoid the Crush

Esband Pressure Rollers offer reliable control when product protection really matters.

In high-speed production and conveying environments, maintaining control without damaging products is a constant challenge. From delicate food items to uneven packaging surfaces, even small variations can lead to product loss, quality issues or costly downtime. That's where Esband pressure rollers, supplied by TransDev, make a measurable difference.

Designed to deliver consistent contact pressure with maximum protection, Esband pressure rollers offer a dependable solution for industries where precision, hygiene and reliability are non-negotiable.

Silicone pressure rollers – the no-crush solution

For particularly sensitive products, Esband silicone pressure rollers provide a proven no-crush solution. Manufactured from FDA-compliant silicone materials, they combine gentle pressure with a high coefficient of friction, to keep products under control without deformation or damage.

These rollers are widely used in food and packaging applications, transporting items such as fish fillets, meat portions, biscuits and baked goods, as well as pressing labels securely onto uneven surfaces or maintaining grip on inclined conveyors. Heat resistance, easy cleaning and excellent release properties make silicone pressure rollers ideal for demanding, hygienic environments operating at high speeds.

Foam core pressure rollers – flexibility with built-in protection

Esband pressure rollers with a foam core are engineered to adapt. The internal foam structure provides excellent damping, allowing the roller to absorb vibration and compensate for height variations across the conveyor line. This makes them a popular choice for applications where products vary in size, shape or position.

They are commonly used to hold products securely in place, separate items of differing dimensions, or assist with label application on uneven surfaces. With a choice of foam densities, shaft diameters and coating materials, these rollers can be tailored to match the exact demands of your process—ensuring smooth operation and reduced wear on both products and machinery.



Custom solutions, backed by expertise

Every production line is different—and Esband pressure rollers reflect that.

Available in customised designs, contours and material combinations, they are engineered to integrate seamlessly into both new and existing systems. Whether you need the adaptability of a foam core roller or the product-safe grip of a silicone no-crush roller, TransDev works with you to specify the right solution for your application.

When control, consistency and product protection matter, Esband pressure rollers deliver reassurance under pressure.

NEW ADDITIONS

PU belts

SYNCHROFLEX special pitch timing belts remain available to order, subject to minimum order quantities.

Please note that V / AR / BR / CR / DR series are obsolete and should not be specified for new applications. These belts are not stocked and may require a minimum production quantity of 3 sleeves. To provide a quotation, belt width in millimetres is required.

Hardware

Expanded Range: Beam & Rigid Couplings



The TransDev beam coupling and rigid coupling range has been further expanded in response to customer demand.

More sizes and configuration options are now available across this high-quality coupling portfolio, which is available direct from stock for next day delivery.

Designed for constant velocity performance, they offer excellent misalignment capability, low bearing loads, and low inertia. Available in aluminium and corrosion-resistant Stainless Steel, Driveflex couplings operate from -40°F up to 350°F, making them ideal for a wide range of precision applications.

Gears

Stock Update: Helical Pinions



Our range of Metric Hardened & Ground Helical Pinions continues to grow, with increased stock now available in 3 MOD and 4 MOD, and additional sizes due shortly.

These helical gears feature hardened and ground teeth for smooth, accurate power transmission. Manufactured from C45 E Steel, they have a left-hand helix angle of 19° 31 42, 20° pressure angle, and quality grade 6h25. Teeth are hardened to 55–58 HRC, with a soft bore for ease of machining and assembly.

Chain

WIPPERMANN

Marathon Lift Introduces Compact ML500 Lifting System



Wippermann has expanded its maintenance-free Marathon Lift range with the launch of the new ML500, a compact rigid-chain lifting system capable of lifting loads up to 500 kg.

Designed for applications where installation space is limited, the ML500 requires a construction height of just 170 mm, making it an ideal alternative to bulkier hydraulic, spindle-driven and rack-and-pinion systems. The compact design is achieved through the use of a smaller 19.05 mm chain pitch and an integrated chain storage system.

The ML500 is suited to applications such as automated guided vehicles, assembly platforms and stage technology, delivering high performance in space-restricted environments.

PRICE REDUCTION

Worms & Wormwheels

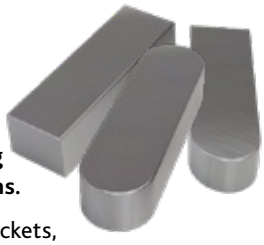


TransDev supplies worms and wormwheels from 0.5 to 6.0 MOD, offering reliable solutions for a wide range of applications.

Worms are available in EN8M Steel (226M44 / 080M40 / 080M46) or equivalent, with wormwheels supplied in PB1 or PB2 bronze or GG20 Cast Iron. Intermediate sizes and specials manufactured to customer drawings are also available.

Many of our Worms and Wormwheels have benefited from significant price reductions, offering even greater value. **This is the ideal time to take advantage of these competitive savings.**

Parallel Key Update



Our Parallel Key range has been extended to include 14mm variants with radius ends and 10mm x 10mm variants with flat ends, providing additional options for precision shaft connections.

TransDev Parallel Keys securely locate pulleys, sprockets, and gears on rotating shafts while also acting as a cost-effective mechanical failsafe, protecting more critical components. As sacrificial parts, they should be replaced periodically.

Keys can also be specified when ordering Driveflex pulleys, gears, and sprockets, and Parallel Keys are fully compatible with the Driveflex Taper Lock Bush range. TransDev can also machine keyways and supply custom or modified Parallel Keys via our Special Manufacturing department.



Keysteel Range Expansion

Keysteels are now available up to 45mm wide, supplied in Steel and Stainless Steel, with 12-inch and 1-metre lengths offered as standard.

Keysteel (Key Bar) is stocked by TransDev in C45 medium carbon Steel to DIN 6880, supplied in standard lengths of 304.8mm and 1000mm. Available in square and rectangular sections, with a wide range of sizes to suit keyed shaft and hub assemblies.

THOUSANDS OF PRODUCTS ARE JUST A CLICK AWAY



- UTILISE the quick product search and easy navigation
- VIEW live stock availability and your agreed pricing
- LINK to product info
- BUILD and review order lists
- SPECIFY shipping type
- MANAGE your orders and users

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TransDev® THE POWER IN MOTION

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