

Solving Problems in Wood Processing Applications

Wood Processing Applications

B-LOC™ Keyless Bushings & Specialty Locking Devices

This industry demands precise, efficient machines that optimize productivity while minimizing material and fabrication costs. When compared to traditional connection methods, Fenner Drives Keyless Bushings simply can't be beat.

- Keyless frictional connection — A mechanical interference fit with a uniform pressure distribution similar to that achieved through a shrink or press fit.
- Easy installation and removal, with infinite radial and axial adjustment
- The ability to mount on plain shafting, which need not be over-sized to compensate for notch factors. This allows the use of smaller shafts and bearings for more cost effective designs. Also, the flexibility to mount over existing keyways.
- A true zero backlash shaft-to-hub connection with none of the operational drawbacks of keyways or splines
- Straight bore matching of the mounted component, generous machining tolerances and as-turned surface finishes
- Transmits shock and torque reversals
- Transmits reversing bending moments
- Available in a variety of styles and sizes — Bore sizes from 2" up to 40" and larger, both inch and metric, to suit any application. For smaller shaft sizes we recommend use of a Trantorque Keyless Bushing. Custom inquiries welcome!



PowerMax

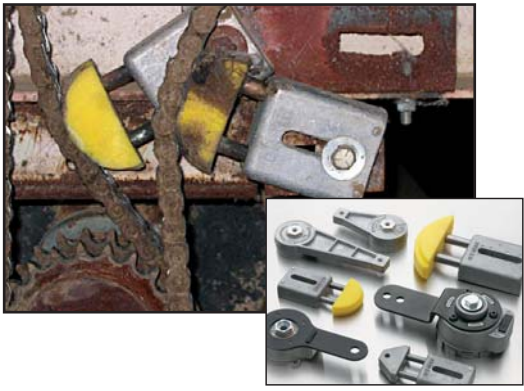
B-LOC™

Trantorque®

Trackstar

Solutions for all of your Manufacturing Needs

T-Max Belt & Chain Tensioners



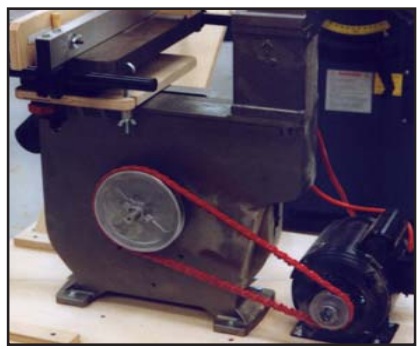
Available in both rotary and linear designs, eliminates manual retensioning of drives and the risk of inadvertently overtensioning drive components.

- Maintain correct drive belt tension automatically, increasing drive efficiency and achieving optimum drive performance
- Cut down operating and component replacement costs due to premature belt and chain failure
- Extend the life of critical drive components
- Eliminate system downtime due to periodic retensioning
- Reduce belt and chain whip on long center drives
- Ensure drive components do not snag obstructions
- Keep belt and chains taut and away from dirt and debris
- Reduce resonant frequency of chain drives
- **T-Max CT3196** — designed specifically for 8IX chain drives. Perfect for heavy duty wood processing applications.

PowerTwist Plus & NuTLink V-Belts

Dramatically reduces vibration transmitted from the motor, which results in a smoother performance and a cleaner cut.

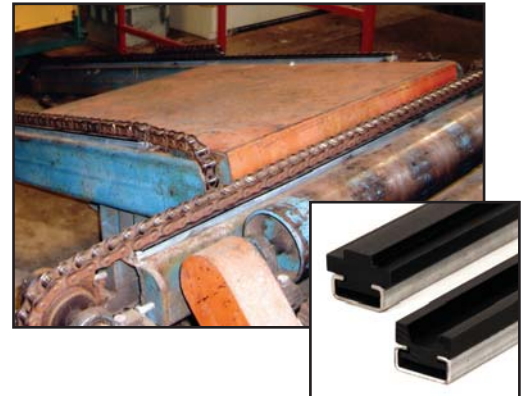
- Virtually no transmitted vibration due to the unique polyurethane/polyester segmented link design. Because we use a reinforcing fabric and not continuous cords, any vibrations that enter an individual link dissipate quickly.
- Quick installation — belts are easily made to the required length and installed in minutes without dismantling drive system components
- Outlasts conventional rubber belts in tough wood processing conditions. High resistance to abrasion and shock loads. Unaffected by extreme temperatures, water, steam, oil, grease, and industrial solvents
- Same power ratings as conventional rubber V-belts
- **PowerTwist Plus** — the every day industrial workhorse. Perfectly suited for 3L, A/4L and B/5L drives.
- **NuTLink** — when your drive needs more “muscle”. Ideal for heavier, shock loaded applications and reciprocating engine powered drives.



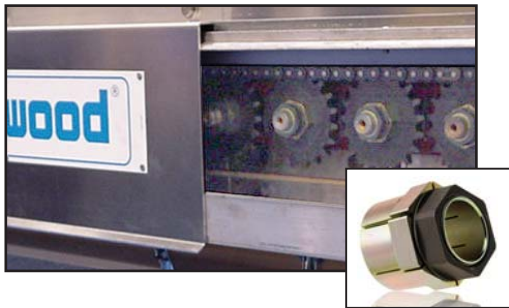
Trackstar® UHMW Belt & Chain Guide

Long-wearing belt and chain guide fights friction and reduces costs in wood processing applications.

- Produced using only the highest quality UHMW-PE material to ensure minimum friction and maximum wear resistance
- Two-piece guide and channel design simplifies installation and facilitates future replacement of UHMW inserts, while allowing for thermal expansion.
- **8IX Chain Guide** and a wide variety of standard products in stock ready to ship today!



Trantorque® Keyless Bushings



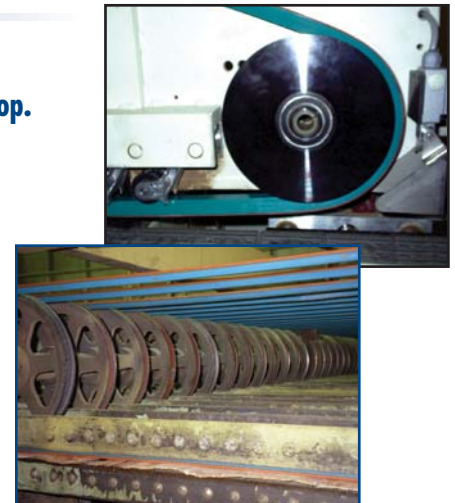
The benefits of B-LOC Keyless Bushings, but with a single locking nut.

- Quick installation and removal
- Infinite axial and radial positioning of components
- Exceptional torque transmission even with only partial shaft engagement
- Recommended for shaft sizes from 1/8" to 1-1/2"

EAGLE® Hyfen 85 CXF

Unique dual durometer co-extruded belt offers the strength and load carrying capability of our standard product lines, with the added bonus of an ultra-grip top.

- 85A polyurethane base with a 60A co-extruded ultra-grip top surface
- Ideal for inclines and where extra grip or cushioning of products is desired
- Extruded as a single integral material; top surface will not delaminate from the base material — we guarantee it!
- All Eagle Hyfen belting is reinforced and available in V- or Twin-V profiles
- **Eagle SuperGrip Top Belting** — incorporating high grip, low wear top surfaces — is ideally suited for wood processing conveying applications. Ask for our full-line Eagle belting catalog for complete product information.



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