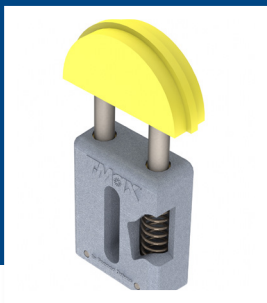
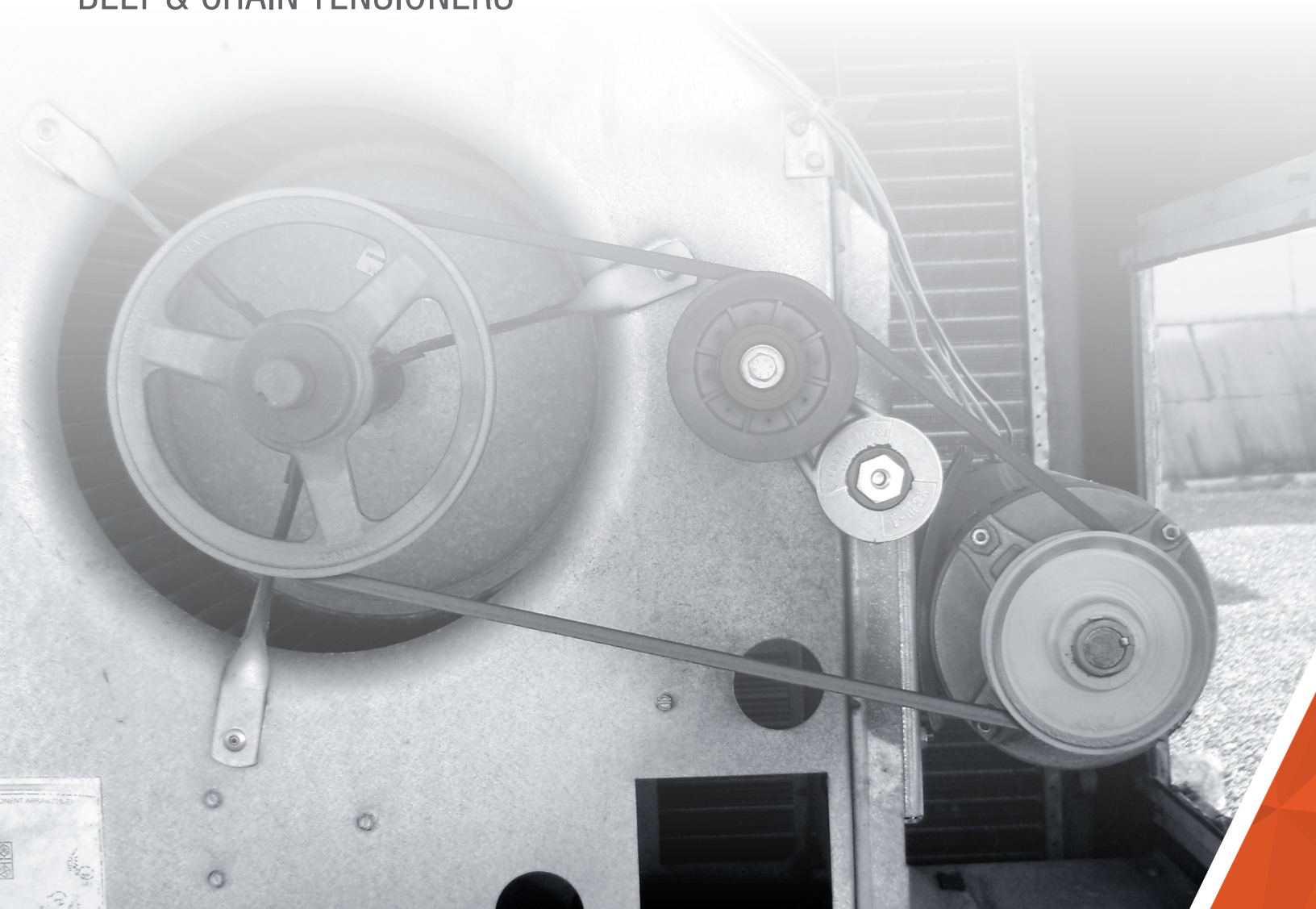




BELT & CHAIN TENSIONERS

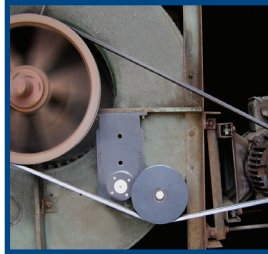


Take Up the Slack...Automatically

When used in power transmission drives, all V-belts and roller chains will elongate significantly over time if not properly maintained. This can cause energy losses for belt and chain drives. In addition, incorrect belt or chain tension will lead to increased downtime, lower equipment productivity and inflated maintenance costs. To achieve optimum drive performance, correct drive belt or chain tension must be maintained. The solution? A self-adjusting Tensioner from Fenner Industrial Motion. Fenner Drives automatic tensioners eliminate the need for regular manual retensioning of drives. The risk of inadvertently over-tensioning drive components is avoided and overall drive operating efficiency is enhanced.

Combined with a Fenner Drives idler pulley or chain sprocket from Fenner Industrial Motion, an automatic Fenner Drives Tensioner can be used to:

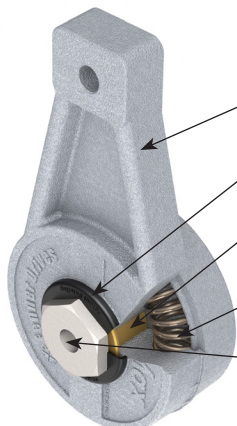
- Extend the life of critical drive components
- Reduce system downtime
- Increase drive efficiency
- Reduce belt and chain whip on long center drives
- Ensure drive components do not snag obstructions
- Reduce resonant frequency of chain drives



RT3000 and Fenner Drives Idler installed on an industrial air mover



Fenner Drives Light-Duty Rotary Tensioners



RT1000 Series

BODY – Rugged, die-cast aluminum.

DEBRIS WASHER – Prevents contaminants from seeping in and causing premature wear. Patent Pending.

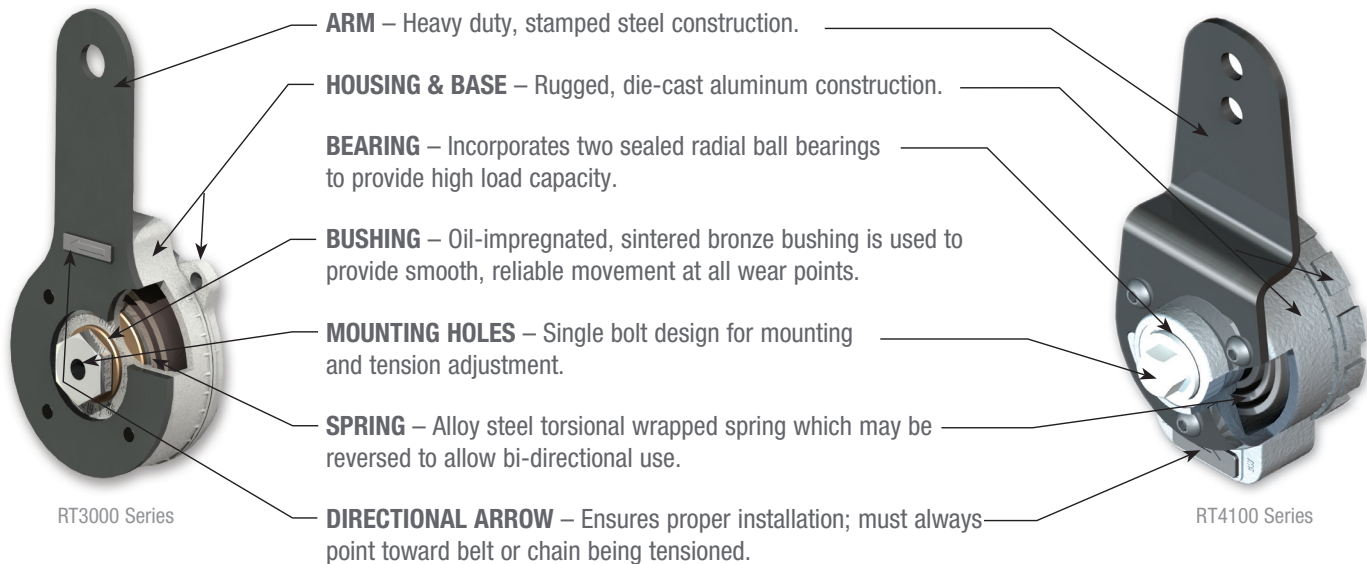
BUSHING – Oil-impregnated, sintered bronze bushing is used to provide smooth, reliable movement at all wear points. Bushing is positioned by a press-fit and never needs lubrication.

SPRINGS – Alloy steel, accurately wound compression springs are used to provide consistent tensioning force. Grease-lubricated to ensure not only quiet operation, but also long life.

MOUNTING HOLE – Single bolt design for both mounting and tension adjustment.

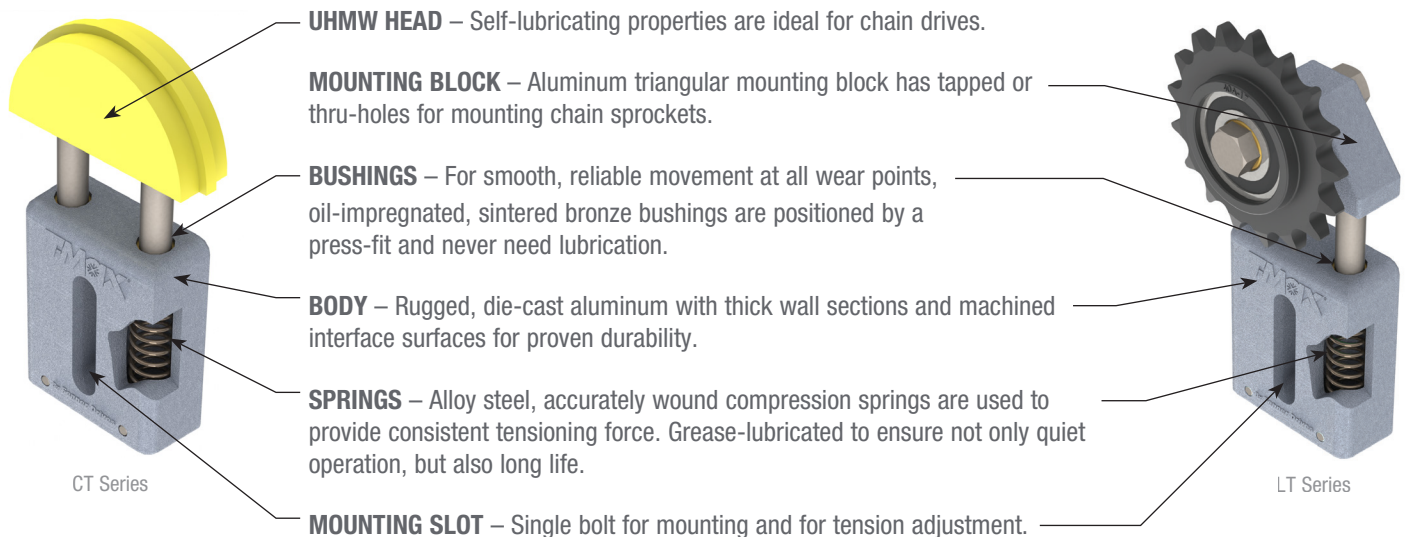
- Easy installation and adjustment with single bolt feature
- Wide variety of sizes and mounting styles
- Improved performance and extended life for most fixed-center drives
- Built-in spring mechanism absorbs momentary overloads and reduces vibration
- Graduated scale tension adjustment

Fenner Drives Medium-and Heavy-Duty Rotary Tensioners



- Rugged, heavy-duty construction for heavy load applications
- Designed for use with single or multiple belts or strands of chain
- No elastomeric tension members to cold-flow, fatigue or take a compression set
- Torsion spring absorbs momentary overloads and reduces vibration

Fenner Drives Linear Tensioners



- Fully automatic straight-line take up
- Extended life through improved performance on most fixed-center drives
- Single bolt feature offers easy installation and adjustment
- Reduced vibration as built-in spring mechanism absorbs momentary overloads
- Available in a wide range of sizes and mounting styles to fit your unique application



At Fenner Precision Polymers, A Michelin Group Company, we are proud to keep your business in motion. As a supplier of critical components and engineered solutions for conveying, motion control and power transmission applications, our trusted brands are recognized globally for providing unique solutions that solve complex problems and build sustainable growth. We strive to partner closely with you so we can always provide expert-level support and powerful results that keep our world moving forward.



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