

# TENSIONSET™

PRECISION LOAD LIMITER



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Proper belt tensioning is frequently overlooked when tensioning belts on motor drives. Commonly, over-tensioned belts induce excessive force on shaft bearings and other components, causing premature failure and costly repairs.

The Setco TensionSet is a load limiting device that protects shaft bearings from inadvertent over-tensioning. The TensionSet rotates like a nut to generate pull-force on a threaded rod. The pull-force in turn increases the distance between pulleys, and induces belt tension. When pull-force exceeds the load setting during tightening, the TensionSet disengages internally to prevent over-tensioning. Positive reverse drive ensures the TensionSet will remove the tensioning load as it rotates in the reverse direction.

The “load sensitive” TensionSet design is resistant to changes in threaded rod condition that alter the relationship between tightening torque and pull force.

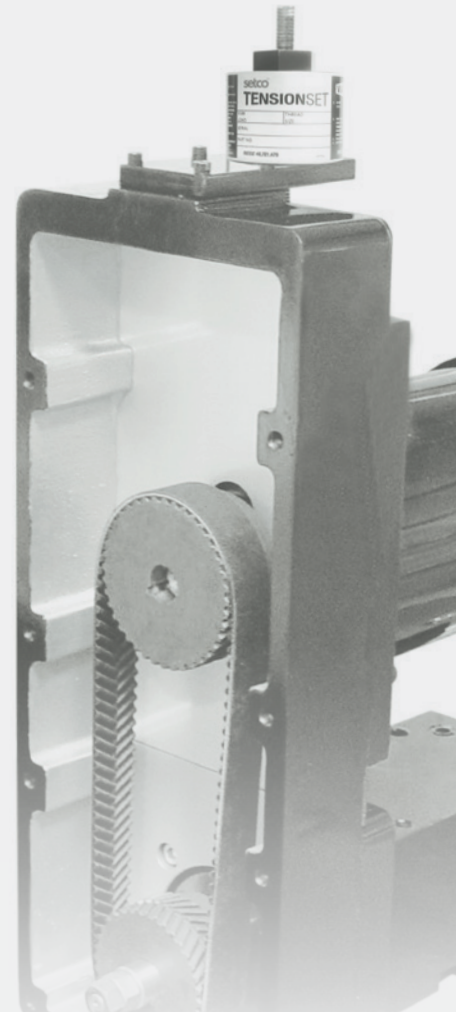
The TensionSet is available in a wide range of load settings to meet your application requirements.

## STANDARD TENSIONSET MODELS

PART NUMBER	NOM. LOAD 0/+10%
TENSIONSET025-075B	25 LBS 50 LBS 75 LBS
TENSIONSET100-200B	100 LBS 125 LBS 150 LBS 175 LBS 200 LBS
TENSIONSET225-375B	225 LBS 250 LBS 275 LBS 300 LBS 325 LBS 375 LBS
TENSIONSET425-625B	425 LBS 500 LBS 575 LBS 625 LBS

## FEATURES

- Extends spindle and equipment uptime
- Prevents premature bearing failure due to over-tensioning
- Maximizes belt life
- Easy to install
- Patented design
- Retrofittable to many existing spindles
- Various thread sizes available upon request
- Custom load settings available upon request



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[setco.com](http://setco.com)