

# **PIN OVEN CHAIN**

*X-Ring Series*

*for the Can Industry*

# Tsubaki Innovation Delivers

Tsubaki Pin Oven Chain, featuring precision components and accurate assembly, is a sealed chain that uses special X-Rings to seal in heat-resistant lubricant for reduced bending resistance and sustained smooth movement. In addition, outstanding wear resistance minimizes elongation and further reduces vibration.

## Tsubaki Pin Oven Chain

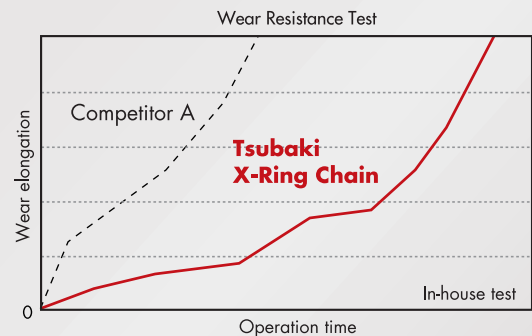
### Long Wear Life

Low bearing pressure, smooth articulation, and the use of specially formulated grease between pin and bushing give Tsubaki Pin Oven Chain a long wear life.



#### Solid extended bushing

Larger bearing area (up approx. 15% over conventional bushing)



### Outstanding Chain Quality

Accurately controlled assembly and precision alignment of the components ensure even contact between the pin and bushing. And Tsubaki Pin Oven Chain is pre-stretched, so initial elongation is minimized, and the need for post-installation adjustments is eliminated.

#### Superior Alignment

Special Tsubaki equipment minimizes wobbling of the chain pins.



### High Productivity and Overall Cost Reduction

Tsubaki Pin Oven Chain is designed to minimize vibration, resulting in fewer jams and wrecks and less downtime. What's more, Tsubaki Pin Oven Chain provides an overall cost advantage over competitors' chains because it lasts longer. And Tsubaki technical support gives customers yet another advantage by helping them get the most out of their Pin Oven Chain.

# Outstanding Performance



## *Special Spring*

Tsubaki Pin Oven Chain's spring-loaded tip incorporates a tough spring that softens shock and absorbs impact load.



## *Tips*

Tips are available in nylon or high-temperature material.



## *X-Ring and Special Grease*

The X-Ring design minimizes bending resistance to deliver longer wear life and less friction. Even during operation, the increase in bending resistance is small, resulting in stable, consistent performance.



## *Pins*

Selecting the optimum type of steel and heat treatment for each pin size ensures high tensile strength and shock absorption for superior resistance to intermittent impact load.



## *Solid Extended Bushings*

This design greatly improves internal lubrication between the pin and the bushing. Sophisticated heat treatment improves strength.



## *Solid Rollers*

Rollers are heat-treated and shot-peened for greater impact resistance.



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