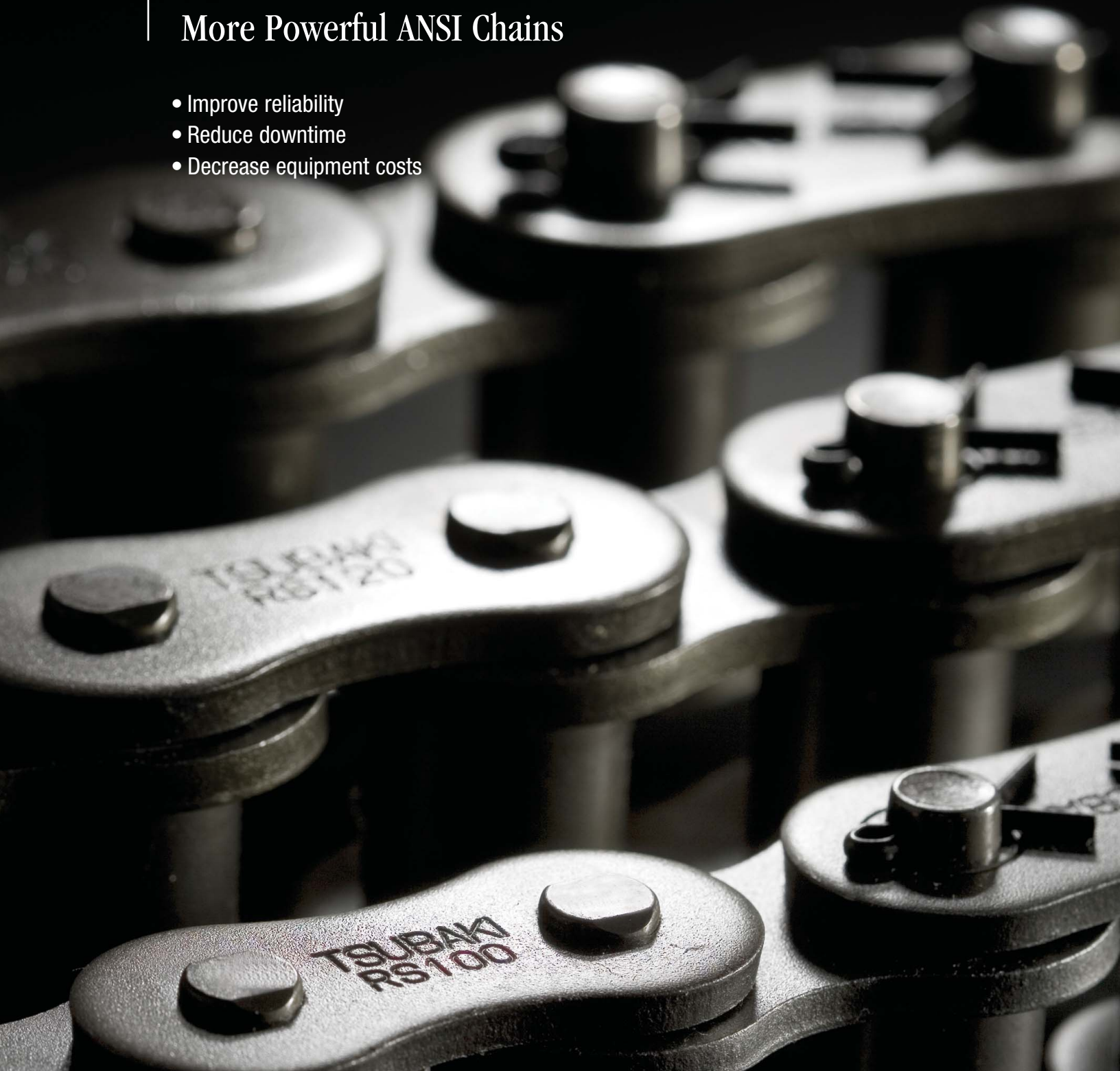




There's Nothing Standard about Tsubaki Performance

More Powerful ANSI Chains

- Improve reliability
- Reduce downtime
- Decrease equipment costs



Tsubaki: The choice for chain™

Tsubaki ANSI Chains

Your link to power

You may think your standard roller chain is good enough. It meets ASME B29.100 standards. But you can do better.

ASME defines **minimum** threshold standards for “ANSI” roller chain — acceptable, but they won’t improve your operation or your bottom line. Tsubaki ANSI Chains **exceed** ASME standards for power and performance. We set higher standards with design innovations that deliver solid results.

- **Improve reliability**

Tsubaki ANSI Chains outperform the competition

- **Reduce downtime**

Tsubaki ANSI Chains last longer

- **Decrease equipment costs**

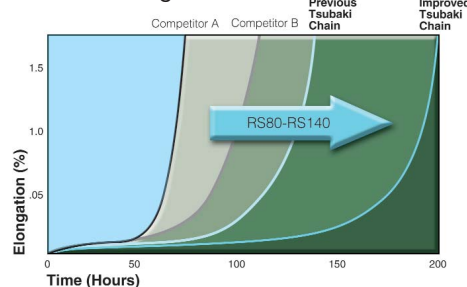
In some cases, you can use a smaller, less-costly chain and get the same or better performance

Tsubaki ANSI Chains offer real benefits.

Significantly Longer Wear Life

Tsubaki is the only supplier in the world that combines the strength and durability of solid bushings with oil-retaining lube grooves to create longer-lasting ANSI Chain. Tsubaki ANSI Chain sizes 80–140 feature our patented PerforMax™ solid lube groove bushings. The solid construction and precise round shape means better surface contact between the pin and bushing, while lube grooves hold oil where the chain needs it most. You get longer wear life and reduced costs for maintenance and replacements.

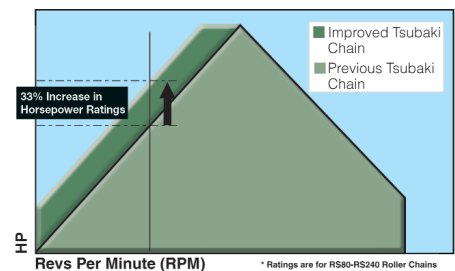
Wear Elongation



Increased Horsepower

Tsubaki ANSI Chain sizes 80–240 transmit up to 33% more horsepower than other ANSI chains. You can use a smaller, less-costly Tsubaki chain to transmit the same horsepower. Or you can install the same size you’re currently using and increase the transmitting power in the application. Don’t settle for standard when you could be getting more for your money.

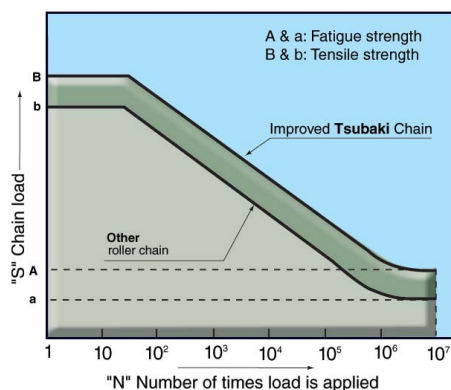
Horsepower Ratings



Greater Fatigue Strength

Tsubaki carefully chooses link plate material, fabrication methods, heat-treatment, and shot-peening techniques to improve link plate fatigue strength. Our ring-coined cover plate design strengthens the connecting link, providing the same fatigue resistance as the base chain. Tsubaki ANSI Chains last longer and perform more efficiently, adding to your bottom line.

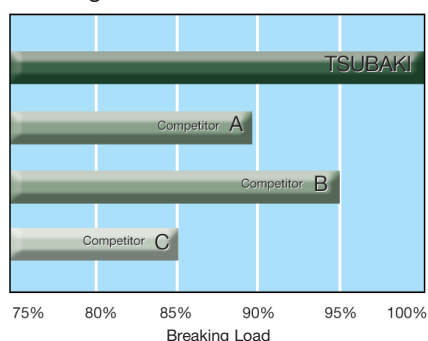
S-N Curve



Higher Tensile Strength

Increased chain tensile strength is achieved by pin material selection, heat-treatment, and precise diameter control to maintain high and consistent press-fit construction. Tsubaki ANSI Chains are built for better strength and durability, even under high shock loads.

Breaking Load



Ring-Coining Makes Connecting Links Stronger

Connecting links can be weak links in some chains. Tsubaki's connecting links are as strong as the base chain. Our patented ring-coining process increases fatigue strength and durability. You get longer service life and superior performance for your application.

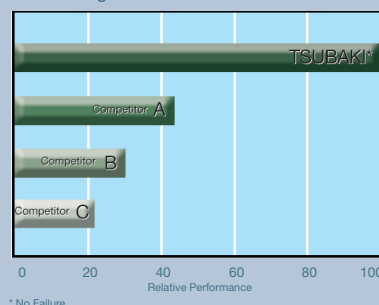


Our exclusive ring-coining process compresses the material around the pitch holes, creating positive residual stresses that are critical to extending fatigue life.



Tsubaki ring-coined connecting links outlast and outperform the competition.

Connecting Link Performance



Bushings Enhance Performance and Reliability

OUR LATEST INNOVATION Only Available from Tsubaki

Patented PerformMax™ Solid Lube Groove Bushing

Advanced technology allows us to combine the strength, durability, and reliability of a solid bushing with our patented lube groove on the inner surface. Our exclusive PerformMax™ bushings can double chain wear life in many applications. The PerformMax™ bushing is available in ANSI sizes 80-140 to handle the most demanding chain operations.

Lube Grooves Keep Oil Where It's Needed Most

Abrasion in the pin-bushing joint due to poor lubrication is the number one cause of chain replacement. That's why Tsubaki ANSI Chains have a special lube groove on the inner surface of the bushing to retain lube at the point of contact — increasing chain wear life. Longer wear life means improved operating, maintenance, and replacement costs.



ANSI Chain with Power to Spare

Tsubaki is built better to save you time and money.

- **Improve reliability**
- **Reduce downtime**
- **Decrease equipment costs**

Superior Chain/Sprocket Interaction

Tsubaki rollers are heat-treated and then shot-peened to ensure greater fatigue life and added durability in high-speed applications.

Patented Solid Lube Groove Bushing

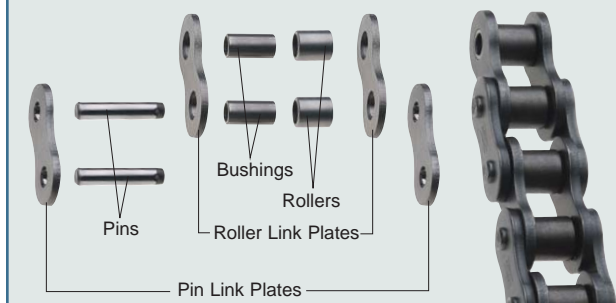
The PerforMax™ bushing combines the strength and reliability of a solid bushing with our patented lube groove on the inner surface (sizes 80–140). Keep chain running longer without additional lube, reduce initial elongation, and improve wear life.

Increased Fatigue Strength

Link plates have wider waists for greater fatigue strength. That's one of the reasons why our maximum allowable loads exceed ASME standards. Your chain lasts longer, reducing operating costs.

The Quality Connection

All ANSI roller chain consists of roller links and pin links connected in a series. Take a closer look. You'll see the quality that connects each link of Tsubaki ANSI Chain.



More Power in the Pivot Point

Pins are made from top-quality alloy steel, then heat-treated for greater tensile strength, increased shock resistance, and reduced wear.



Ring-Coined Connecting Links

Our unique ring-coining process causes positive compressive stresses around the pitch holes to counteract shock loads. Ring-coining allows the connecting link to maintain fatigue resistance equal to the base chain. The result is longer service life in the most demanding applications.

Heavy Series ANSI Chain for Extra Performance

Tsubaki offers the most complete line of roller chains for tough applications that require extra performance, like material handling and construction. Heavy Series Chains are directly interchangeable with standard ANSI chains and require no special equipment modifications or sprockets.

T Series

chains have thru-hardened pins for higher ultimate tensile strength and greater shock resistance.



H Series

chains have thicker link plates and longer pins than standard roller chains. They handle up to 10 percent higher shock loads.



HT Series

chains have thru-hardened pins and thicker link plates for 15 to 30 percent higher ultimate strength and even more shock load resistance.



Super Series

chains have wider-waist link plates, ball-drifted pitch holes, and through-hardened pins for greater shock resistance and 25 to 30 percent higher maximum allowable loads.



Super-H Series

chains have the same features as Super Series, plus wider-waist, thicker link plates for even higher maximum allowable loads.



Ultra Super Series

chains provide the highest ultimate tensile strength and maximum allowable loads of any Tsubaki roller chain. In some applications, these chains can transmit virtually twice the load of their standard equivalents — and that saves you money.



A Winning Combination Tsubaki Attachment Chains

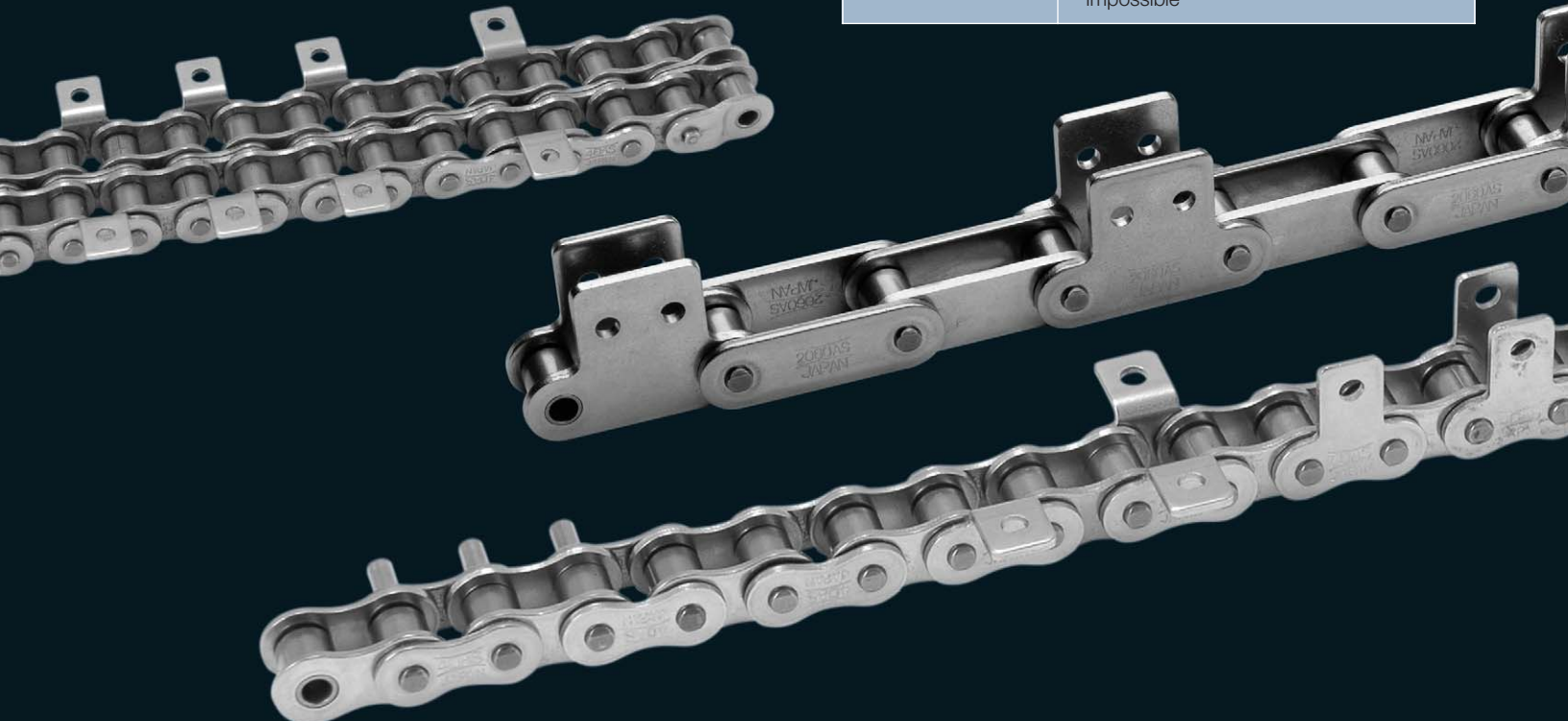
For industry-leading quality, service, and support, there's no stopping U.S. Tsubaki. That's because we keep improving on #1!

- Our premium-quality base chains are designed to consistently exceed industry standards.
- We keep thousands of standard attachments in stock so you can get the product you need quickly.
- Have a specialized or custom application? Bring it to us and let our technical experts design the made-to-order attachment solution to meet your specific needs.
- Need attachment chains? Contact our professional customer service team to get answers to questions and fast quotes. Your business is our #1 priority.

Get the right chain, right away!

Simply choose the base chain that works best in your environment, and then specify the type of attachment and spacing. One call to Tsubaki gets the process going, and we're here to help every step of the way.

Select this chain	For this condition/application
Carbon Steel	Standard applications
Nickel-Plated	Mildly corrosive environments
Stainless Steel	Corrosive environments, including food-grade applications
NEPTUNE®	Mild washdown conditions and harsh outdoor environments
LAMBDA®	When lubrication is difficult or impossible



Attachment chains are our #1 business.

Look for prompt, professional service every step of the way.

Don't settle for standard chain.
Get more **power** and **performance** from **Tsubaki**.

Improve reliability

Reduce downtime

Decrease equipment costs



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