

#### Custom Sprocket Design and Manufacturing



www.ustsubaki.com

## **Engineering Capabilities**

Our ability to provide engineered solutions features a collaborative approach with customer application data driving customized Tsubaki innovations.

- U.S. Tsubaki CAD system universally translates customer input
- Custom design assessment determines your application drive system and performance needs
- ANSI standard and British standard design available
- Custom tooth profiling
- Engineers available for customer and application visits

Triple Strand Roller Chain Sprocket with large finished bore and custom split design



Custom Adjustable Roller Chain Sprocket Assembly



Adjustable Segmental Rim Sprockets

Large Engineering Class Segmental Sprocket with split hub

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### Machining Capabilities

The sophistication and range of U.S. Tsubaki facilities exists to create sprocket solutions large and small in quantities from one piece to huge orders.

- CNC/manual turning to 99" diameters
- Three-axis machining, 110" by 40" by 36"
- SMAW/GMAW welding is CWB certified to 47.1
- Traditional hobbing to 60" diameters
- Induction and flame hardening to 120" diameters



Large Engineering Class Sprocket "gap tooth" for chain attachments



Spline Bore Drive Sprocket

Triple Strand Roller Chain Sprocket machined solid web-style with mounting hole and lighting holes



#### Delivery and Quality Performance

**Caption?** 

U.S. Tsubaki's exceptional delivery never compromises its commitment to outstanding quality and unmatched service.

- One-year warranty on made-to-order sprockets
- ERP/MRP software ensures on-time customer expectations are met.
- Fully equipped quality lab features destructive testing and microscopic analysis
- TQM provides assurance of quality at every step of our relationship with you from inquiry to delivery

# Sprockets and chain are like cars and their tires. You wouldn't buy a car without tires. Why buy chain without sprockets?

U.S. Tsubaki has been making sprockets since 1976. Sprockets ready made and sprockets made-to-order. Sprockets thick and thin, sprockets big and small, sprockets with every imaginable tooth design. Highly engineered sprockets with tight tolerances and new designs. Sprockets that provide seamless interface with U.S. Tsubaki chain whether from our vast inventory or customized for you to solve a particular need.

You know us as the chain people. You know our quality, our dependability, our speed. Do you also know about our onsite and on-call engineering assistance and analysis?

- U.S. Tsubaki's commitment to service is rare. Our sales force and engineers are available by phone or in person to advise, retrofit, customize, tweak, and expand. Contact us and we will perform an analysis of your product using your specifications or prints of your current systems.
- U.S. Tsubaki's materials are of the highest grade made domestically and made to our specifications.
- Superb manufacturing controls at every part of the process to produce the kind of sprockets which fit perfectly and on which you can depend.

Sprockets may all look the same at first glance. What you can't see is the U.S. Tsubaki formula for success: Our use of the finest materials, our meticulous manufacturing processes, and our unparalleled engineering and after-sales support. No one but U.S. Tsubaki supplies both sprockets and chain.

U.S. Tsubaki has been making made to order and ready made sprockets for almost every industry for over 30 years.









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CATALOGUE NUMBER: L1030100 Printed in U.S. 02/10