DRIVES®
CHAIN BY TIMKEN

PRECISION ROLLER CHAIN FOR YOUR TOUGHEST APPLICATIONS



RIGOROUS CHAIN FOR MANY APPLICATIONS

Drives has an extensive range of long-lasting products to handle multiple applications – including industrial manufacturing, steel production, oil field, mining, food and beverage processing, and more. Drives chain meets ANSI/ASME standards. Designated chain also meets the latest American Petroleum Institute (API) Specification 7F.

WIDE-WAISTED LINK PLATES



Shotpeened wide-waisted link plates on chain sizes 80 through 240 and all heavy series are manufactured with optimal ball heights from special alloy steels for added strength. The wide link plate profile improves stress distribution, leading to increased fatigue resistance and enhanced performance.

PRECISION HOLE QUALITY



After heat treatment on chain sizes 80 through 240 and Z series, the link plate pitch holes are ballized, imparting residual compressive stresses and optimum bearing contact between mating pins, bushings and link plates. The ballized pitch hole surface finish increases both chain fatigue resistance (working load) and pin retention.



FACTORY PRE-LOAD EXCEEDS ASME STANDARDS

Drives pre-loading of our chains exceeds the ASME standards B29.1 and B29.28 30 percent of minimum ultimate tensile strength (MUTS), which is especially important for applications involving fixed center-to-center sprockets without take-ups. Applications can withstand shock loads greater than the ASME standards 30 percent of the chain's tensile strength with minimum to no initial premature elongation.

SPECIAL HOOK COTTER



A full hardened hook cotter provides greater link plate support and up to twice the shear strength of conventional short split cotters. The easily installed hardened hook cotter provides a positive retention even in high shock load applications.

HOT DIP LUBRICATION



Industry-leading production technology is employed to hot-dip each chain. The working life of the chain is greatly extended compared to cold-dip methods. Proprietary lubricants are designed to penetrate and fully coat the bearing surface between pin and bushing.

CALL ON TIMKEN DRIVES

Our value-added solutions deliver high-quality products and services for your chain needs.

For more information, call Customer Service 800.435.0782, 815.589.2211 or visit us at www.driveschain.com

Quality products designed and manufactured in Fulton, Ill., USA.

ISO 9001 Registered.

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, brakes, clutches, chain, couplings, gears and related mechanical power transmission products and services.

Stronger. By Design.

www.driveschain.com

5M 02-18: 29 Order No. 10576 | Drives® is a registered trademark of Timken Drives LLC. Timken® is a registered trademark of The Timken Company. | © 2018 The Timken Company | Printed in U.S.A.