



Drive Chains

ENGINEERING CLASS DRIVE CHAIN

Keep Your Operation Moving with Union Chain

Union Drive Chains are designed to exceed the listed ultimate strength ratings. These ratings are very significant. Chains with greater ultimate strength have higher actual yield and greater fatigue strength. With Union chains, you get extra reserve strength to withstand high shock loads.

Precision Manufacturing Means Greater Fatigue Strength

Union Engineering Class Drive Chains are built to withstand the most rugged conditions. We use the latest manufacturing and heat-treating techniques to manufacture every component. Each component is carefully machined to close tolerances to ensure precise pitch control for smooth sprocket/chain interaction. That means longer service life for chain and sprockets.

Add the Power of Alloy

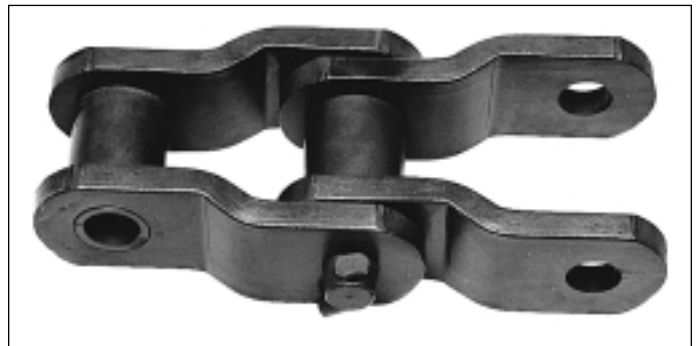
When parts require extra hardness, we use alloy steel to make the components. This provides more uniform core strength, which is particularly important for heavy duty applications. Every Union Drive Chain with an ultimate strength rating higher than 112,000 pounds is made entirely of alloy steel. All Union Drive Chains are furnished with alloy steel pins.

Reduce Maintenance Costs and Downtime

Union Drive Chains stand up to the toughest environments for hour after hour of uninterrupted service.

- Optimum strength
- Fatigue resistant
- Pre-tested
- Alloy steel parts
- Press fit construction
- Accurate pitch control

Your equipment is on the line. Count on Union Chain.



Quality Components

High-Strength Sidebars

Sidebars for Union Drive Chains with an ultimate strength rating higher than 112,000 pounds are manufactured from alloy steel and are through-hardened. This adds strength and extends the service life of the chain. In addition, our advanced manufacturing techniques ensure accurate hole size and precise pitch control, distributing the load equally and providing smooth sprocket interaction.



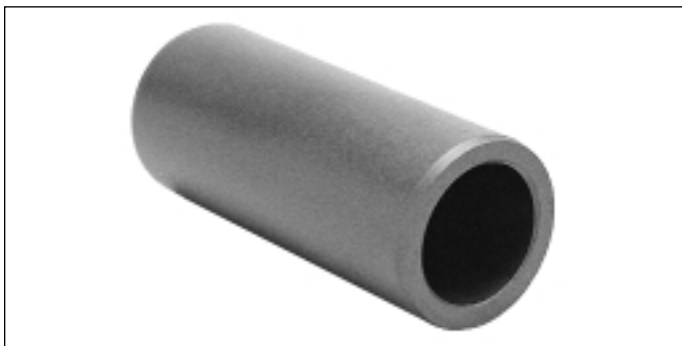
Alloy Steel Induction Hardened Pins

All Drive Chain pins are made from alloy steel and are through-hardened for toughness and strength. In addition, chains designed for heavy duty power shovel applications have ground bearing surfaces and full round induction hardening. This provides the best combination of high yield strength and superior wear resistance.



Precision Machined Bushings

Bushings for Drive Chain are precision machined to provide smooth bearing surfaces—that means less resistance on-line. They are through-hardened or case hardened to meet your application. The result is smooth riding bushings that last.



Shock-Resistant Rollers

Our rollers are made from a high quality material for use when critical tolerances and superior finish are required. Then they are through-hardened to withstand high shock loads. For chains with high ultimate strength ratings, rollers are typically made from alloy steel.

