



MAXCO CHAIN
DELIVERING SUPERIOR
PRODUCT QUALITY
AND VALUE

PREMIUM ROLLER CHAINS

MAXCO

MAXCO premium chain is the highest rated standard roller chain in the world. These roller chains are engineered for superior performance and extended service life.



MAXCO premium chain features solid bushing-solid roller (SBR) technology to ensure reduced wear, smoother operation and greater resistance to fatigue in demanding industrial environments.

Solid bushings replace the split bushings found in conventional roller chains. This seamless design enhances the contact surface area between the pin and bushing, reducing friction and minimizing elongation over time. Every link delivers higher durability and precision compared to traditional roller chains, which makes MAXCO premium chain ideal for heavy-duty industrial, agricultural and conveying applications.

“Triple Zone” Hardness Improves Wear Resistance

These precision roller chains include a patented mechanical pin treatment process that develops a “Triple Zone” hardness on the pin, which improves wear resistance and increases fatigue strength substantially from a deep compressive stress zone. Also, new boron steel pins increase strength, toughness and wear life.

Each MAXCO precision chain is pre-lubricated and pre-stressed for maximum fatigue resistance and minimal initial elongation. This ensures reliability from installation through extended use.

MAXCO Chain standard roller chains offer the following benefits:

- Higher rated working loads
- Improved wear and abrasion resistance
- Superior special-blend pre-lubricant
- Cost-effectiveness
- Size flexibility for different applications



MAXCO premium chains are also available with a wide range of both standard and application specific specialty attachments.

MAXCO Chain carries a significant amount of parts and pre-assembled chain inventory to allow quick delivery and a wide variety of attachments on any spacing desired.



HI-MAX

Our HI-MAX roller chain series delivers dependable, economical ANSI-standard performance for light- to medium-duty power transmission and conveyor applications.



Designed specifically for budget-sensitive operating environments that demand quality, MAXCO Chain HI-MAX series roller chain provides solid value, reliable wear resistance and consistent performance across a wide array of industrial environments.

MAXCO Chain HI-MAX roller chain is designed for budget-sensitive operations that still demand quality.

A Smart, Value-Driven Chain Solution

The HI-MAX roller chain series represents MAXCO Chain's commitment to value-driven chain solutions. These chains are perfect for customers balancing budget and reliability — providing solid value, reliable wear resistance and consistent performance across industrial environments.

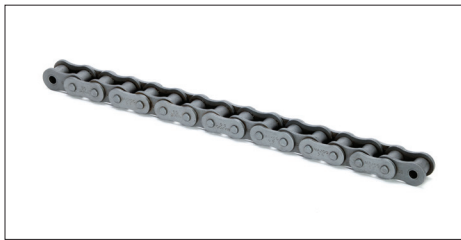
Whether you need an economical roller chain for general machinery or a cost-effective replacement chain, MAXCO Chain HI-MAX roller chains deliver strength and durability at a price that fits your budget.

CORROSION RESISTANT



AQUA-SERIES II®

Wet or moisture intense environments can be particularly harsh on industrial roller chain performance and longevity.



MAXCO Chain's Aqua-Series II precision roller chain provides the highest level of protection from corrosive damage: up to 30 times higher than conventional nickel-plated products.

With all the performance features of MAXCO premium roller chain, the added benefit of corrosion resistance further enhances durability in harsh environments. This protection helps reduce downtime, improve operating efficiency, and extend overall chain performance in demanding applications.

No Chipping, Flaking or Peeling

Aqua-Series II roller chains feature a unique Hexavalent Chromium Free mechanical rust prevention system that utilizes a ROHS-compliant zinc-alloy-iron coating. The resulting film is highly durable—it won't chip, flake, or peel in mildly corrosive applications.

The ultimate strength and working load ratings for Aqua-Series II precision roller chains are the same as carbon steel chains, while the potential occurrence of hydrogen embrittlement is eliminated.

Longer Chain Life, Less Downtime

Aqua-Series II roller chains provide greater strength and significantly more corrosion resistance than traditional nickel-plated products, which extends chain life and reduces downtime and required maintenance.

In addition, Aqua-Series II chains are more economical than stainless steel, providing corrosion protection at an affordable price.

MEGA CHAIN

MAXCO Chain Mega Chain offers the ultimate in strength and corrosion resistance.



MAXCO Chain has re-engineered the traditional stainless steel roller chain to create a product with unparalleled strength and wear performance. Mega Chain possesses ultimate strength ratings comparable to carbon steel chains, along with corrosion and heat resistance comparable to stainless steel chains.

Extreme Strength Meets Corrosion Resistance

Mega Chain's unique design offers exceptional strength and improved wear resistance when compared to conventional stainless steel roller chains. The unique labyrinth seal design and larger bearing area help prevent abrasants from penetrating the chain joint, which significantly improves wear performance in challenging abrasives.

Unique Construction Improves Strength and Wear Life

MAXCO Chain Mega Chain features a unique dual function link plate construction in which inside and outside link plates work together to improve roller chain strength and wear life.

The "cap" portion of the outer plate engages the flanged portion of the inside plates under load to significantly improve both ultimate and fatigue strength. These chains possess ultimate strength ratings that challenge even the best premium carbon steel brands.

This construction provides a labyrinth seal that helps protect the pin/bushing wear area from abrasive particles and debris while allowing the lubricant penetration. Along with a larger pin/bushing bearing area, this construction improves wear performance by up to 50%.



EXTRA CAPACITY



DOUBLE CAPACITY®

MAXCO Chain Extra Capacity roller chains offer superior strength and resistance.



Extra Capacity roller chains deliver value by enabling equipment to carry more load (or absorb more shock) with fewer line failures and less overall downtime.

Double Capacity = Double the Link Plates

MAXCO Chain's Double Capacity roller chains have twice as many link plates as standard single strand roller chains, making them twice as strong. They operate on standard single-strand sprockets with hardened teeth. Triple and Quad Capacity roller chains are available, but require special sprockets.

Extra capacity roller chains are mainly designed for high-load hoists, pull down and other tension linkage applications. They are stronger than Super Series roller chains and are available in both ANSI and British Standard sizes.

More Load Capacity, Fewer Failures

MAXCO Chain's Extra Capacity roller chain provides insurance for heavy and shock-prone applications – enabling more load capacity, fewer failures, longer life, and lower overall cost of ownership.

LOW MAINTENANCE

MAXCO Chain offers three different types of low-maintenance roller chains:

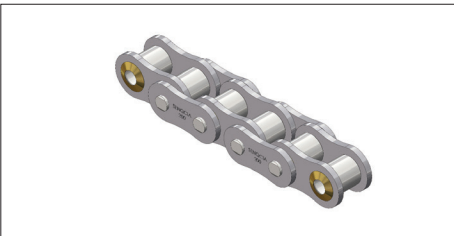


FREEDOM SERIES®

OEMs and distributors seeking premium performance and value in a maintenance-free roller chain need look no further than MAXCO Chain's Freedom Series chain.

These chains are maintenance-free and self-lubricating for clean, precise application environments including food processing, packaging, and textiles.

The Freedom Series design uses oil-impregnated sintered bushings, which continuously release lubricant during operation, reducing or eliminating the need for regular chain lubrication.



SEAL GUARD®

MAXCO Chain's Seal Guard roller chain provides maintenance-free operation without the need for continuous lubrication.

Seal Guard chains include built-in sealing elements placed between critical components of the chain. These seals lock lubricant inside the pin and bushing area and keep contaminants such as dust, dirt, moisture, and chemicals out.



CHROMIUM PIN (CRP)

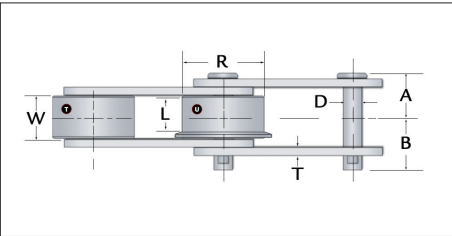
Highly abrasive operating conditions present unique challenges.

MAXCO Chain's Chromium Pin (CRP) roller chains feature chrome-plated pins that provide a very hard wear surface for exceptional resistance to abrasion and wear even with poor lubrication.

They provide double or triple expected chain wear-life in abrasive applications thanks to their hard chrome plated pins.



Engineering class chains are built for heavy-duty end user applications that demand exceptional strength, fatigue resistance and long wear life.



MAXCO Chain Engineering Class chains are designed for use in power transmission and conveyance applications where high strength and long life are critical. These chains are typically larger and stronger than standard roller chains, with components that can withstand impact, corrosion and abrasive environments.

MAXCO Chain supplies a full range of engineering class chains designed for rugged performance in high-load and continuous operation environments. These include drive chains, roller conveyor chains, cast combination chains, welded steel chains, and mill chains, among others.

Designed for Severe-Duty Environments

While standard roller chains are suitable for moderate loads and standard drive systems, engineering class chains are designed for severe-duty environments. These chains are widely used in sawmills and lumber mills, pulp and paper mills, foundries, cement plants and agricultural processing facilities.

MAXCO Chain engineering class chains are built to meet the most demanding industrial and material handling requirements. They provide dependable performance in environments where roller chains can't handle high stress or environmental challenges, which reduces costly downtime.

Expert Assistance

MAXCO Chain delivers proven reliability, extensive product selection and expert technical support for industrial and OEM customers in need of engineering class chains. We provide hands-on assistance with specs, selection and customization.

MAXCO Chain is a top-tier manufacturer and supplier of high-quality chains, flights and critical components engineered for use with every type of water treatment facility.

With proven reliability across municipal and industrial facilities, MAXCO Chain's clarifier systems deliver dependable operation, reduced maintenance and cost-effective performance over time. We have performed extensive research into manufacturing methods and conducted field tests at plants across the nation. The result is a complete line of proven, high-quality water treatment solutions.



Clarifier Chains & Components

Our complete line of clarifier chain systems includes all essential components for sludge collector and scum removal applications:

Clarifier Chains

Available in non-metallic and stainless-steel materials for strength and corrosion resistance.

Flights

Available in Douglas Fir Wood, Aluminum, and FRP (Fiberglass-Reinforced Plastic).

Sprockets & Shafts

Designed for smooth chain engagement and long life in submerged conditions.

Wear Shoes

Designed for use with flights. Available in UHMW, Nylon, Polyurethane and Steel materials.

All MAXCO Chain products are manufactured to precise tolerances to ensure consistent operation and compatibility with existing systems.

TAKE THE NEXT STEP

Contact MAXCO Chain's sales team to discuss how we can provide the right industrial roller chain and engineering class chain solutions for your needs.

We have three service center locations:

Georgia

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Marietta, GA 30066

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