

CHOHO

The First A-share Listed
Company In The Industry
Stock Number 003033



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HONDA RACING **2025 MX-GP**
continues its new journey

CHOHO
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**WORLD MX-GP
CHAMPION**

Tim Gajser 243#

King of Racing chain

MXGP



King of racing chain

CHOHO supports all the world's top races, and with its excellent quality and powerful performance, it has achieved many successes and won the favor of many competitive teams.

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MXGP

CHAMPION RIDER
Gajser 243#



Approved by R...ns
CHOHO teams u...XGP season.

CHOHO



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MXGP

WORLD CHAMPION Gajser 243#

4-time MXGP World Champion (2016, 2019, 2020, 2022)
1-time MX2 World Champion (2015)
2024 MXGP World Runner-Up

Brief Introduction

Qingdao CHOHO Industry Co., Ltd. was founded in 1999, after 25 years of development, CHOHO has become a chain system technology leader, the first batch of state-recognized enterprise technology centers, the national technological innovation demonstration enterprises, China's first A-share listed company in the chain drive industry, stock code: 003033.

Original Supplier



Modification of suitable models



Technical Advantages



★ RING



HIGH STRENGTH



LIGHT WEIGHT



HIGH WEAR-RESISTANT



HIGH PRECISION



ANTI-IMPACT IMPACT RESISTANCE



CORROSION RESISTANCE



VACUUM OILING



HIGH ADHESION GREASE



α PIN

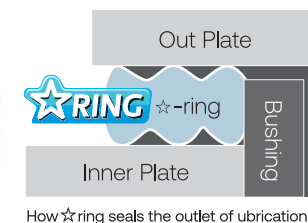


SOLID BUSH

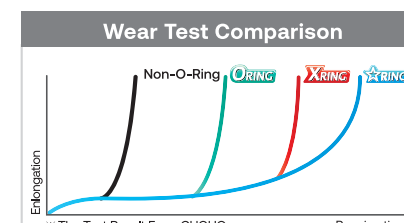


ISOTHERMAL THERMAL PROCESSING

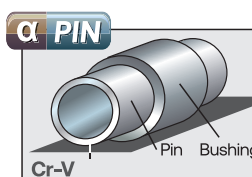
★ RING



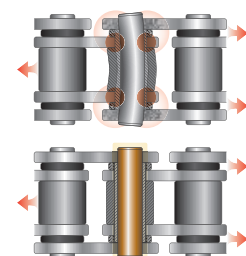
How ★ ring seals the outlet of lubrication oil



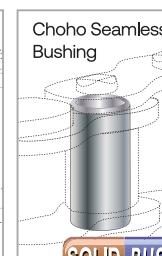
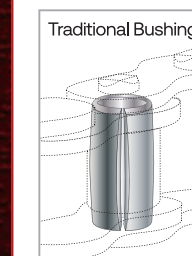
α PIN



When the car accelerates and brakes violently, the chain is stricken with great force. High-strength pins can meet this requirement.

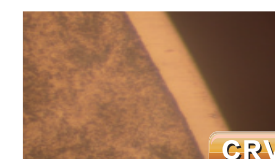


SOLID BUSH



Seamless bushing is molded by cold extrusion technology, the cylinder has no gaps, the roundness is greatly improved, and it is not easy to deform. The fit of the seamless sleeve and the pin is surface contact instead of point contact, which increases the wear resistance of the product.

CRV PROCESSING TECHNOLOGY



CRV

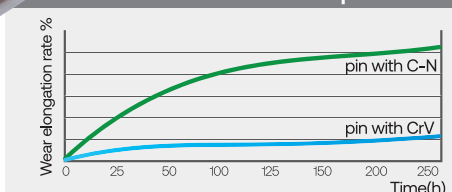


The Traditional C-n Treatment

This technology is mainly used in the surface strengthening treatment of the pin shaft, which can make the surface hardness of the pin shaft reach 2200HV, and can improve the wear resistance of the chain by more than 100%



CrV Treatment And C-n Treatment Wear Resistance Comparison





Zenming



Suitable for: Vintage Cruise / Imitation / Street / Rally

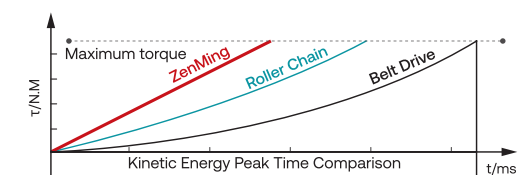
Featured Clients

Medium and large-displacement motorcycles and high-power electric motorcycles / Heavy-duty motorcycles and models with special strength requirements / Models with special appearance and customization needs.



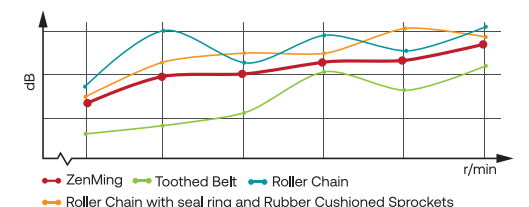
Direct power without loss, rapid acceleration no stuttering sensation

Compared with roller chain system, Zenming chain system can increase the steady state transmission efficiency by **0.46%** and the dynamic transmission efficiency by **0.68%**, which can effectively save energy and improve the range.



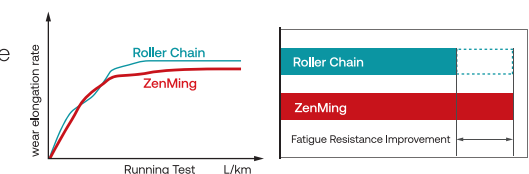
Loud sound and rhythmic sense of clacking enjoyable riding.

15% quieter than roller chain.



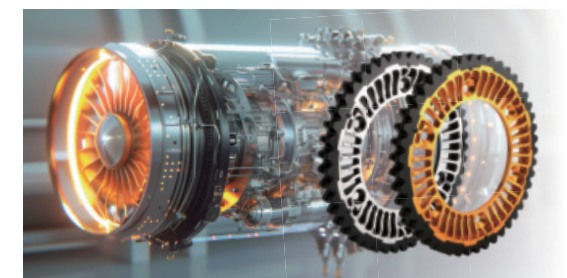
No slipping in curves, smoother gear shifting and a sense of unity in handling.

Accumulated **120,000** hours of road test, the elongation rate are less than **1%**, through the data shows that Zhenning chain wear resistance is excellent, anti-fatigue performance is outstanding, able to cope with a variety of road conditions and ultra-long ride.



Personalized Design

The design is inspired by **automobile wheel hubs and aircraft turbine engines** and uses 3D technology to realize a sense of technology and futuristic feeling.



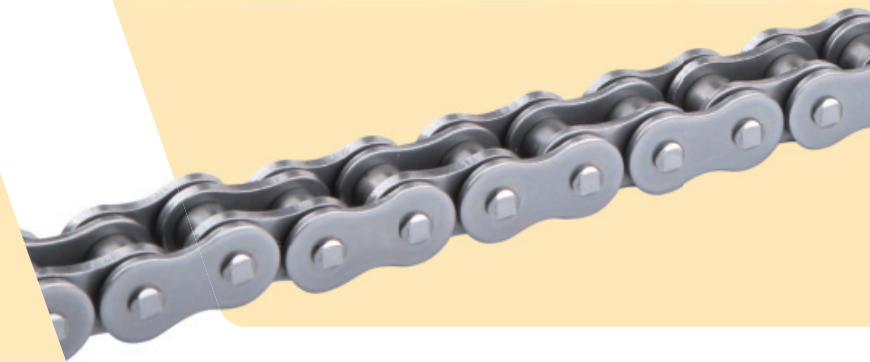
Speedy / Silently
Stylish / Steadily Full Scene Chain System

Zenming Chain Xinjiang Activities



Wings of Freedom  **Lightweight Competition Chain**

EX Series



Applicable models: Liter level / track racing

Application By CC

Maximum Satisfiable **1300cc**

520EX	700...1100
525EX	900.....1300
530EX	900.....1300

Color Optional



Chain Performance

- Excellent impact resistance and tensile strength
- Excellent high fatigue strength
- Reinforced pins and lightened chain plates
- Special matching for chain and sprocket



Product Advantages

X Series  Max 600cc

SX Series  Max1100cc

EX Series  Max1300cc





Road Legend  **Strong Tensile
Strength Chain**

SX Series



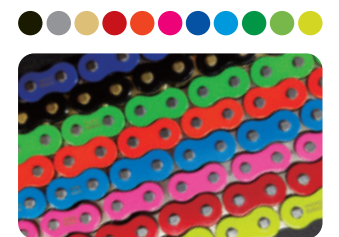
Recommended for: Motorcycle riders / Street riders / City riders

Application By CC

520SX	600...900
525SX	600.....1100
530SX	600.....1100

Maximum
Satisfiable **1100cc**

Color Optional



Chain Performance

- Stronger tensile strength
- Stronger fatigue strength and impact resistance
- Pin reinforcement and material upgrade
- Special matching for chain and sprocket



Modification color reference



Representative model: Kawasaki 400



Representative model: CFMOTO 450SR

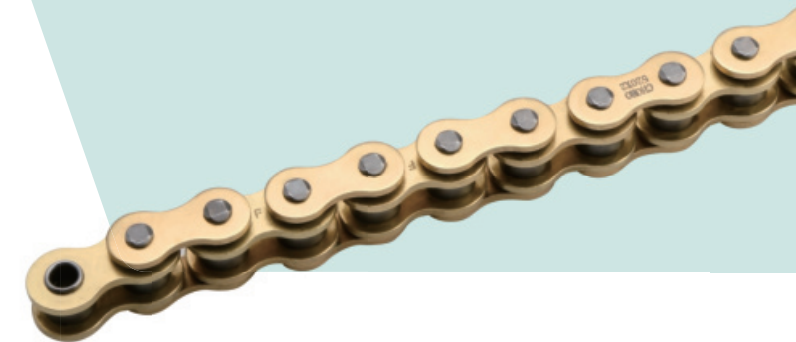


Representative model: KTM790

This chain and sprocket are taken in kind. Please consult the manufacturer for more colors.



X Series



Recommended for: Mid-displacement Race Replica / City riding

Application By CC

428HX	125...200
520X	200.....600
525X	250.....600

Maximum Satisfiable **600cc**



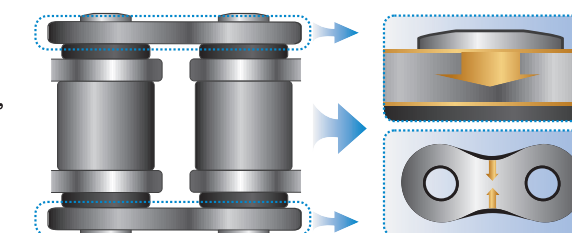
Chain Performance

- Excellent tensile strength
- Excellent fatigue strength and impact resistance
- High fatigue technology, constant quality
- Whole chain lightweight design



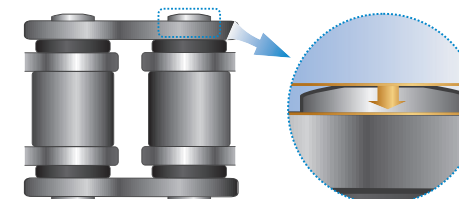
Chain plate shape optimization

The chain plate adopts a lightweight plate design, with thinner chain plate thickness and narrower waist, which is particularly suitable for rubber-coated sprockets.



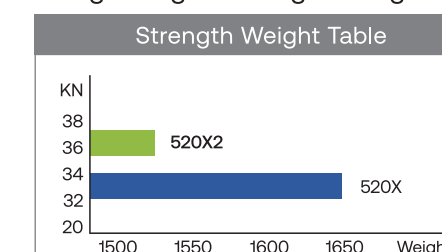
Optimization of the pin head

The pin shaft is lightweight in design, shortening the overall width of the chain and making the entire chain lightweight.



Material and process upgrades

Upgrade to match high-strength craftsmanship to achieve lightweight and high strength.



Wind Knight Lightweight Chain



O Series



Recommended for: Mid-displacement Race Replica / City riding

Application By CC Maximum Satisfiable **450cc**

4200	70...150
415UO	100...150
428HO	125.....200
530HO	170.....350
5200	200.....450

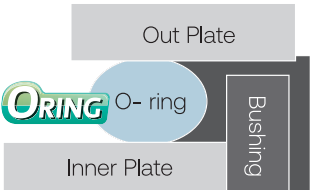


Chain Performance

- Fine alloy material
- Special-treatment on Pin
- High quality grease
- High fatigue technology, constant quality



Product Advantages



How O- ring seals the outlet of lubrication oil





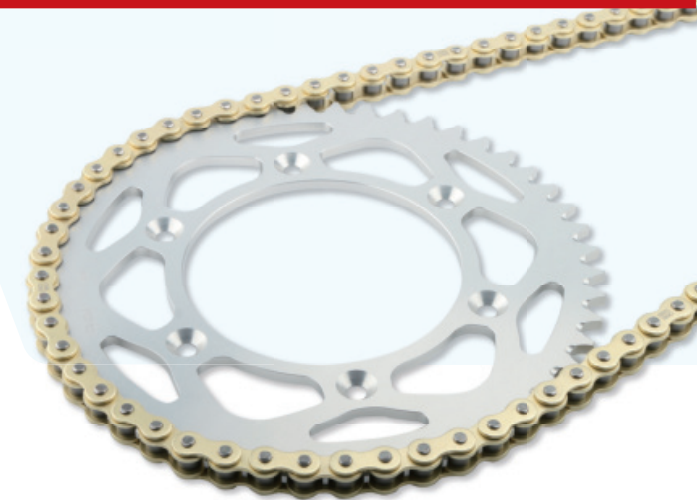
CHOHO
SPONSOR

WORLD CHAMPION MX-GP
Tim Gajser 243#

Approved by Racing Choice for Champions

The GP series chain system is tailor-made by CHOHO for the HRC team, with the core features of "High Strength, Lightweight, High Wear Resistance, Impact Resistance and Corrosion Resistance", it is specially designed for the harsh tracks of MXGP. It can withstand high-intensity impacts and the tests of complex terrains, helping riders break through performance limits.

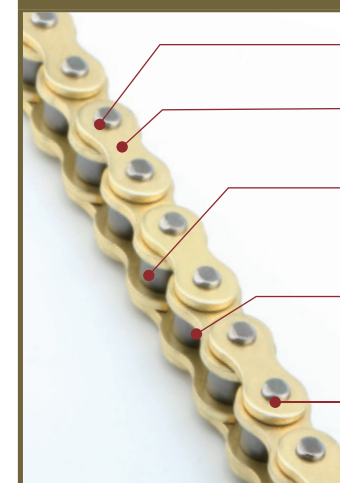
GP series | MOTOCROSS



Applicable models: Off-road / Track Racing

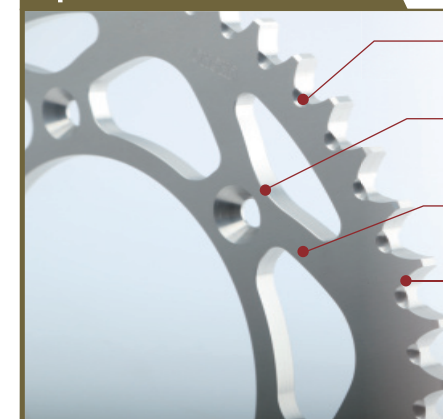
Series Model	Color	Applicable Model	Application By CC
520MXND	Gold	CRF250	250cc
520 Front Sprocket	Metallic Original Color	CRF450	250-800cc
520 Rear Sprocket	Anodized Red / Rose Gold / Original Color / Electrophoretic Black / Zinc Plating	CRF450	250-800cc

Chain Performance



- High Strength:** High-carbon steel undergoes isothermal heat treatment. The pin shaft adopts overall high-strength heat treatment, enhancing explosive force.
- Lightweight:** The link plate is made of high-carbon steel and features a narrow-waist design. This optimizes the weight ratio, reduces power loss, and improves acceleration response.
- High Wear Resistance:** NiMo alloy steel is used. The sleeve adopts special-shaped cold heading forming and a special-shaped taper angle structure at both ends. The pin shaft applies Cr penetration technology, extending the service life by more than **20%**.
- Impact Resistance:** Adopts frame consistent assembly process, enhanced pre-tensioning technology, and high-strength residual elongation process. The impact resistance strength is increased by **20%**.
- Corrosion Resistance:** Applies RGP anti-corrosion process and pin shaft Cr penetration anti-corrosion process. It has a bright appearance, reduces maintenance costs, resists rusting, and maintains stable output continuously.

Sprocket Performance



- Application Scenarios:** Designed for mud discharge chutes, it prevents sediment accumulation and is suitable for off-road multi-scenario complex working conditions.
- Lightweight:** Adopts lightweight materials, with structural simulation analysis and precise weight reduction design, reducing weight by **65%** compared to steel sprockets.
- High strength & Impact Resistance:** Uses high-strength aviation aluminum alloy with T6 heat treatment technology.
- High Wear Resistance & Corrosion Resistance:** Features U-shaped tooth design and HAA process, ensuring strong wear resistance and acid-alkali resistance.
- Personalization:** Equipped with CNC precision machining and H.Y.Z colored oxidation technology, it offers a variety of pattern and color options and supports personalized customization.





GP series | ROAD RACING



Applicable models: arena competition

Series Model	Color	Applicable Model	Application By CC
415RRUO	Gold / Metallic Original Color	Nijia400	250-500cc
415 Front Sprocket	Metallic Original Color	Nijia400	250-500cc
415 Rear Sprocket	Anodized Red / Rose Gold / Original Color / Electrophoretic Black / Zinc Plating	Nijia400	250-500cc

Product Performance

- **Lightweight:** The chain plates are made of **1.5mm** alloy steel with isothermal heat treatment and adopt a small-piece design, reducing weight by **10%**. This effectively minimizes power loss and improves acceleration response.
- **Impact Resistance:** The chain plates undergo isothermal heat treatment, the pins are strengthened, the frame is assembled with consistency, and enhanced pre-tensioning technology is applied, enabling it to withstand frequent gear shifts in racing track environments.
- **Lightweight:** The sprockets are made of aviation aluminum material. Through structural simulation analysis and precise weight reduction design, they are **65%** lighter than steel sprockets.
- **High Strength & Impact Resistance:** The sprockets are made of high-strength aviation aluminum alloy with T6 heat treatment technology.
- **High Wear Resistance:** The sprockets feature a U-shaped tooth design. The large wheels adopt HAA process, combined with the overall carburizing and hardening heat treatment technology for small wheels, enhancing the wear resistance of the system.
- **Personalization:** The sprockets undergo CNC precision machining and H.Y.Z colored oxidation technology, offering a variety of pattern and color options and supporting personalized customization.



LIGHT
WEIGHT



ANTI
- IMPACT



HIGH
STRENGTH



HIGH WEAR
- RESISTANT

The GP Racing Series Chain System shines on top-tier competitive arenas worldwide, thanks to its reliable, outstanding quality and powerful performance.



Noise Reduction Chain Series

CHOHO has been committed to improving the common noise pain point of motorcycle sprockets and chains around the world. Through our long-term technical analysis, research and testing, we have launched the CHOHO new generation of noise reduction chain system. Through the optimization of the chain and sprocket configuration, after testing, the CHOHO new generation of noise reduction chain system can effectively reduce noise by more than **70%**. CHOHO will take the chain system noise problem as a special subject to tackle. We will continue to optimize the process and make continuous improvements to provide better chain system products and solutions for global customers and consumers.

NEW

Quiet the transmission

experiences

★RING Star Sealing Ring

High-strength and lightweight chain

Specific seal ring
Drag and noise reduction

↑ Material Upgrade

New generation of
noise-reducing small sprockets

Changed rubber hanging structure
New rubber material

📐 Optimized Design

High-precision large sprocket

Improves accuracy
Precise meshing

🌱 Carbon Footprint Certification

New Upgrade
Powerful Noise Reduction



CHOHO Sprocket

CHOHO's large-displacement sprockets are original suppliers of the following manufacturers
HONDA | YAMAHA | HARLEY-DAVIDSON | CFMOTO | QJMOTOR | KTMR2R

Steel Sprocket

KTMR2R
Original sprocket



European Yamaha
Original sprocket



Aluminum Alloy Sprocket



Steel-Clad Aluminum Sprocket



Single Rocker Sprocket



Single Rocker Split Sprocket



Chain Maintenance

Chain Maintenance Cycle

1. Routine maintenance is required every 500KM.
2. Maintenance is required after riding in rainy days.

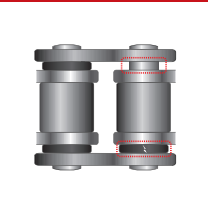
Chain Replacement Cycle

Sealing ring chain: about 15000-20000KM
Non-sealing ring chain: about 5000KM

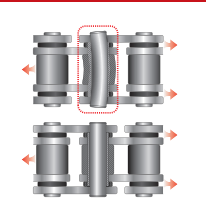
Common Abnormalities Of The Chain



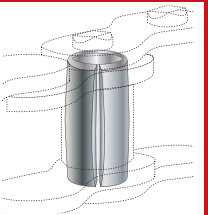
Rusty chain



The seal is cracked or falling off

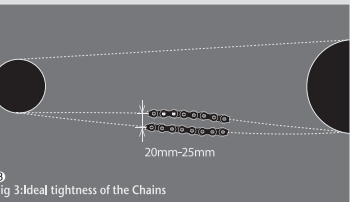
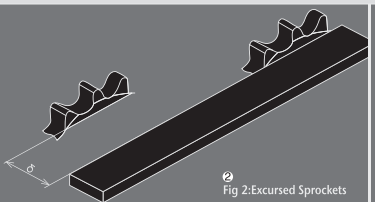
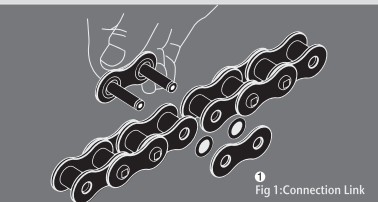


The pin is deformed or the friction between it and the sleeve causes the chain to lengthen.



Roller cracked, pin scratched

Chain Installation and Adjustment



Chain Installation:

- 1 Please use the same type of connecting links as the chain.
- 2 When installing, insert the connecting links into both ends of the chain first (Figure 1).
- 3 Use CHOHO special riveting tools to press the joints.
- 4 Make sure the sprocket axes are parallel and on the same plane (Figure 2).
- 5 Adjust the chain to maintain the appropriate tightness of 20-25mm (Figure 3).

Chain Adjustment:

When the seal ring chain is first installed, it may not rotate smoothly due to the pressure of the seal ring. We recommend that the chain be maintained every 1,000 kilometers. The ideal tightness is 20-25mm (Figure 3).

★ Be careful not to let the chain loosen or tighten too much! Excessive looseness may cause gaps between the chain sprockets and produce noise; excessive tension will affect the normal operation of the vehicle, put a greater load on the chain, shorten the chain life and increase fuel consumption.

Punched Chain Clasp

■ For large displacement motorcycles, please use perforated chain buckles.

■ Punch chain link installation tool.



Comparison of the link strength between punched chain buckles and ordinary chain buckles

The traditional linking method can only reach 70% of the chain strength, while the punching type can increase it to 100%. Therefore, it is recommended to use punched chain buckles for large-displacement motorcycles.

