

## 品种和特性 Varieties And Characteristics

### 加工方式和材质分类 Processing Method And Material Classification

#### 机加工钢制链轮

Machined Steel Sprocket

- ◆ 高精度滚齿、插齿技术
- ◆ 平整度精度高，齿部精度高
- ◆ 强度高、表面光洁度高
- ◆ High-precision hobbing and gear shaping technology
- ◆ High flatness accuracy and high precision of teeth
- ◆ High strength, and high surface finish



#### 精冲链轮

Fine-Blanking Sprocket

- ◆ 采用优质原材料
- ◆ 采用先进精密冲压设备和模具
- ◆ 生产效率高、尺寸精度高、光亮带好
- ◆ Quality raw materials
- ◆ Advanced press equipment and molds
- ◆ High production efficiency, high dimensional accuracy and bright shearing surface



#### 粉末冶金链轮

Powder Metallurgy Sprocket

- ◆ 采用粉末冶金工艺，性价比高
- ◆ 一体成型，加工位置度精度高
- ◆ Powder metallurgy technology, high cost performance
- ◆ One-piece molding, high precision



### 功能分类 Function Classification

#### 从动链轮

Driven sprocket

- ◆ 适用于低承载
- ◆ 应用实例：春风动力 650（国宾车）
- ◆ Suitable for low load
- ◆ Application: CFMOTO 650cc



#### 主动链轮

Drive sprocket

- ◆ 适用于曲轴端
- ◆ 应用实例：春风动力 650（国宾车）
- ◆ Suitable for crankshaft
- ◆ Application: CFMOTO 650cc



产品种类 Product Categories

机加工链轮

- ◆ 高精度滚齿技术
- ◆ 符合国家、国际链轮标准，产品性价比高
- ◆ 适合公路和越野车、泥沙等恶劣工况

Machining Sprocket

- ◆ High-precision gear hobbing technique
- ◆ Meet national and international sprockets standard, high cost performance
- ◆ Suitable to on-road and off-road motorcycles



精冲链轮

- ◆ 采用优质的原材料
- ◆ 采用先进精密冲压设备和模具
- ◆ 采用独特的齿部硬化处理技术
- ◆ 适合长距离行驶及传动平稳、噪声低的工况

Fine-Blanking Sprocket

- ◆ High quality raw material
- ◆ Advanced fine-blanking equipment and mould.
- ◆ Unique tooth hardening processing technique
- ◆ Suitable to long distance drive, smooth transmission and low noise condition



高强度轻质链轮

- ◆ 采用高强度轻质合金材料
- ◆ 采用高精度精密加工技术
- ◆ 适用于中大排量赛车

High Strength Light Sprocket

- ◆ High Strength light alloy material
- ◆ High-precision machining technique
- ◆ Suitable to large and medium displacement bikes.

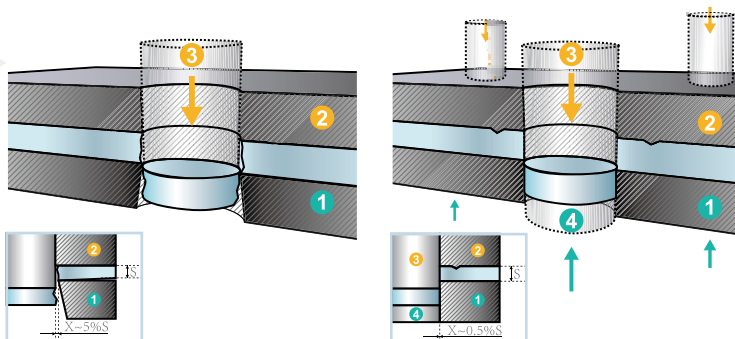


产品系列 Product Series

|                                                |                                    | 标准系列<br>Standard Series      |                                   | 强化系列<br>Super Series         |                                   | 超强系列<br>Professional Series  |                                   |
|------------------------------------------------|------------------------------------|------------------------------|-----------------------------------|------------------------------|-----------------------------------|------------------------------|-----------------------------------|
|                                                |                                    | 机加工链轮<br>Hobbing<br>Sprocket | 精冲链轮<br>Fine Blanking<br>Sprocket | 机加工链轮<br>Hobbing<br>Sprocket | 精冲链轮<br>Fine Blanking<br>Sprocket | 机加工链轮<br>Hobbing<br>Sprocket | 精冲链轮<br>Fine Blanking<br>Sprocket |
| 加工工艺<br>Processing<br>Technique                | 精密加工<br>Precision<br>Finishing     | ★                            |                                   | ★★                           |                                   | ★★★★                         |                                   |
|                                                | 精密冲压<br>Precision<br>Stamping      |                              | ★                                 |                              | ★★                                |                              | ★★★★                              |
| 大链轮材质<br>Material of<br>Rear Sprocket          | Q235                               | ●                            | ●                                 |                              |                                   |                              |                                   |
|                                                | 45#                                |                              |                                   | ●                            | ●                                 | ●                            | ●                                 |
| 小链轮材质<br>Material of<br>Front Sprocket         | Q235                               | ●                            | ●                                 |                              |                                   |                              |                                   |
|                                                | 20CrMnTi                           |                              |                                   | ●                            |                                   | ●                            |                                   |
|                                                | 20Cr                               |                              |                                   |                              | ●                                 |                              | ●                                 |
| 大轮热处理状态<br>Heat Treatment<br>of Rear Sprocket  | 渗碳淬火<br>Carburing and<br>Quenching | ●                            |                                   |                              |                                   |                              |                                   |
|                                                | 齿部硬化处理<br>Hardening for<br>Teeth   |                              |                                   | ●                            |                                   |                              |                                   |
|                                                | 调质处理<br>Quenching<br>and Tempering |                              |                                   |                              |                                   | ●                            | ●                                 |
| 小轮热处理状态<br>Heat Treatment<br>of Front Sprocket | 渗碳淬火<br>Carburing and<br>Quenching | ●                            | ●                                 | ●                            | ●                                 | ●                            | ●                                 |
| 特点<br>Features                                 | 加工精度<br>Process Precision          |                              | ●                                 |                              | ●                                 |                              | ●                                 |
|                                                | 特殊材质<br>Special Material           |                              |                                   |                              | ●                                 |                              | ●                                 |

精冲是一种依托特殊结构的精密模具和专用的精冲压力机，在强力的压力使材料处于三向压应力状态下实现小间隙精密冲裁的工艺。

Fine Blanking is a kind of technology, with special-structured precision mould and customized fine blanking press machine, to realize small clearance precision punching, making the materials under three to compressive stress state with strong pressure.



送料机 Feeding Machine

国际先进的送料机，送料精准；校平后平面度好。

Advanced machine, on time feeding; high surface flatness after flattening.



抛光机 Polishing Machine

清除链轮毛刺，避免锐角伤害，提高产品表面质量，传动平稳。

Removing burrs on sprockets, avoiding acute injury, improving the surface quality and smooth drive.



多用途炉 Multi-Purpose Furnace

台湾产多用途炉，配以碳氮共渗的热处理工艺，可控气氛保证产品质量的稳定性，改变善产品内在组织，提高抗冲击强度和耐磨性

Furnace, Made in Taiwan, do heat treatment by carbonitriding with controllable atmosphere, guarantee the stable quality, improve the micro-structure of the product, and provide anti-impact strength and wear resistance.



数控车床 CNC Lathe

组合刀头技术，换刀频率少。

With rack cutting, small tool carrier, high efficiency and precision, it guarantees the chain and sprockets in perfect engagement



精冲机 Fine Blanking Press Machine

国际先进的 1000 吨数控精密冲裁机，定位精度在 0.02MM 以内，一次性完成所有尺寸加工，产品精度偏差 < 0.05MM，效率高、质量稳定。

1000tons International advanced numerical control precision machine, 0.02mm positioning accuracy, can finish all-sized processing in one time, with product tolerance less than 0.05mm.



精冲模 Fine Blanking Press Mould

国际先进的冲压模具，冲头采用独特的涂层技术，冲压光亮带 100%，确保齿部及安装孔的精度，提高了运行过程的啮合性能，提高了产品的寿命。

International advanced press mould, punch with unique coating technology, Creates 100% sheared edges, guarantee the high precision of teeth and mounting holes, which will improve the performance of meshing, and product life.



◀ 剪切面全光亮带，不易发生疲劳点蚀，外观美观。

100% sheared edges, fatigue pitting is not easy to occur, easy beautiful appearance



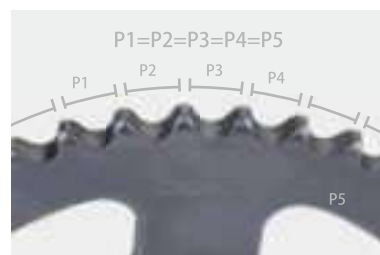
▲ 完美的齿形设计，使链轮与链条更好的啮合，传动平稳，噪声低。

The perfect tooth profile design makes the chain and sprockets in perfect engagement, stable driving, and low noise.



▲ 尺寸精度高、形位公差小，保证链轮的安装精度，容易安装。

High-precision dimension, small geometric tolerance, can guarantee the sprockets installation accuracy and easier to install.



▲ 最小的节距散差，保证与链条节距的一致性，不跳齿。

The minimum pitch divergence ensures the consistency between chain and sprockets and chain is not easy to jump.

## 高强度轻质链轮 High Strength Lightweight Sprocket

### 铝合金链轮 Aluminum Alloy Sprocket

- 采用优质高强度航空用铝合金
- 采用 CNC 加工减轻孔
- 着色氧化，色彩绚烂多样
- 硬质氧化工艺，耐磨性及抗拉强度提高
- 适用于赛车、改装车使用

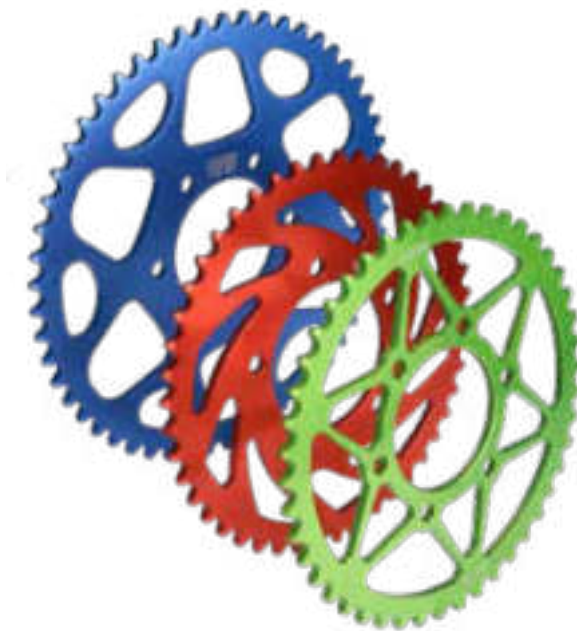
■ High quality high strength aerospace aluminum alloy

■ CNC machining the light-weighting holes, a variety of patterns, style switching is quick and convenient, to meet individual customization needs

■ The surface treatment uses an anodizing process, and the colors are varied to meet different individual needs.

■ The surface treatment uses a hard oxidation process, which improves the wear resistance and tensile strength of the conventional oxidation process.

■ Suitable for racing or modify motorcycles



### 钢包铝链轮 Aluminum Sprocket With Alloy Steel Teeth

- 外齿圈采用优质 45# 钢高频淬火
- 内嵌件采用航空用铝合金，质量轻
- 阳极氧化工艺，色彩绚烂多样
- 既耐磨，又较整体钢制链轮质量轻
- 适用于赛车、越野车、街车、改装车等各类车型

■ The teeth are made of high-quality 45# steel with high-frequency quenching.

■ The inner is made of high-quality high-strength aerospace aluminum alloy, which is light;

■ Using anodizing process, the color is gorgeous

■ Better wear resistance, lighter than steel sprocket.

■ diverse, satisfying the different needs.



## 单摇臂链轮 Single Rocker Sprocket

### 单摇臂链轮 Single-sided swingarm Sprocket

- 锻造工艺，精度高
  - 采用优质 45# 钢，高频淬火
  - 轻量化设计，减重花孔
- 
- Forging process, high accuracy
  - High quality 45 # steel, high-frequency quenching
  - Lightweight design with weight reducing holes



### 单摇臂分体链轮 Single-sided swingarm Split Sprocket

- 外齿采用优质 45# 钢，高频淬火，维护保养方便
  - 内嵌件采用航空用铝合金，质量轻，硬度高
  - 着色氧化工艺，色彩绚丽多彩
  - 耐磨，重量比钢制轻 18 %
  - 个性化彩色压盖，钛合金螺母
- 
- The outer teeth are made of high-quality 45 # steel, high-frequency quenching, and convenient for maintenance
  - The embedded parts are made of aviation aluminum alloy, with light weight and high hardness
  - Colored oxidation process with colorful colors
  - Wear-resistant, 18% lighter than steel
  - Personalized color case, titanium alloy nut



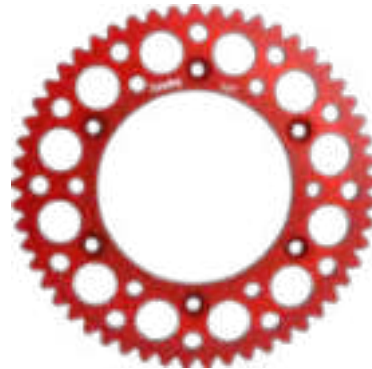
钢制链轮

Steel sprocket



铝合金链轮

Aluminum Alloy



钢包铝链轮

Aluminum Sprocket With Alloy Steel Teeth



缓冲体链轮

Buffer sprocket



## 大排量摩托车缓冲体 Sprocket Wheel Seat Set For Large Displacement

### 500Cc 摩托车链轮毂总成 Sprocket Wheel Seat Set

■ 图例为某 500CC 摩托车链轮毂总成，45# 钢高精度 520-46 链轮、YL112 压铸铝链轮座。

■ 采用高精度加工技术，最大程度的减少链轮端面 and 径向跳动

■ 轴承采用进口 NSK 轴承

■ 油封采用优质丁腈橡胶

■ 精加工链轮座，表面电泳处理，代替烤漆工艺。外观美观，防腐性能优越

■ The picture shows a 500cc motorcycle sprocket wheel seat set , 45# steel high precision 520-46 sprocket, YL112 die-cast aluminum sprocket seat

■ High-precision processing technology to minimize the end face and radial runout

■ NSK bearing

■ The oil seal is made of high-quality nitrile rubber

■ Finished sprocket seat, electrophoresis surface treatment, instead of baking paint process. Beautiful appearance, superior anti-corrosion performance



### 125CC 摩托车链轮毂总成 Sprocket Wheel Seat Set

■ 图例为某跨骑摩托车缓冲体总成，45# 钢链轮、YL112 压铸铝链轮座，组装后供货

■ 适用 100/110/125 排量，常规搭配 38T 等齿数的链轮

■ The picture shows a normal NK motorcycle sprocket wheel seat set , 45# steel sprocket, YL112 die-cast aluminum sprocket seat

■ Applicable to 100/110/125 cc, conventionally matched with 38T sprockets



### 110CC 摩托车链轮毂总成 Sprocket Wheel Seat Set

■ 图例为某弯梁摩托车车系列缓冲体总成，45# 钢链轮、YL112 压铸铝链轮座，组装后供货

■ 适用 100/110 排量，常规搭配 36T、38T 等齿数的链轮

■ The picture shows an underbone motorcycle sprocket wheel seat set , 45# steel sprocket, YL112 die-cast aluminum sprocket seat

■ Applicable to 100/110 cc, conventionally matched with 36T/38T sprockets



主要规格 Models

| 型号<br>CHOHO NO. | 规格<br>Model | 尺寸<br>Dimension   | 安装高度<br>Installation Height |
|-----------------|-------------|-------------------|-----------------------------|
| CHOHO-01        | DY100       | 54-70-4* $\phi$ 8 | 31                          |
| CHOHO-02        | DY100       | 54-70-4*M8        | 36.4                        |
| CHOHO-03        | GS125       | 58-78-4* $\phi$ 8 | 40                          |
| CHOHO-04        | QJ125/JD100 | 64-80-4* $\phi$ 8 | 31                          |
| CHOHO-05        | DY100       | 54-70-4*M8        | 31                          |
| CHOHO-06        | QJ125/JD100 | 64-80-4* $\phi$ 8 | 31                          |
| CHOHO-07        | LF500       | 112-138-5*M12     | 32.7                        |

# 表面处理

## Surface Treatment

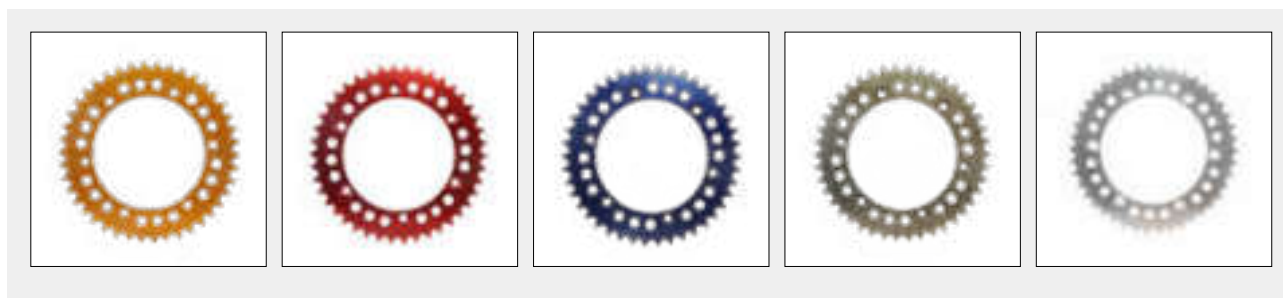
### 链条可选的颜色及表面处理

Chain optional color and surface treatment



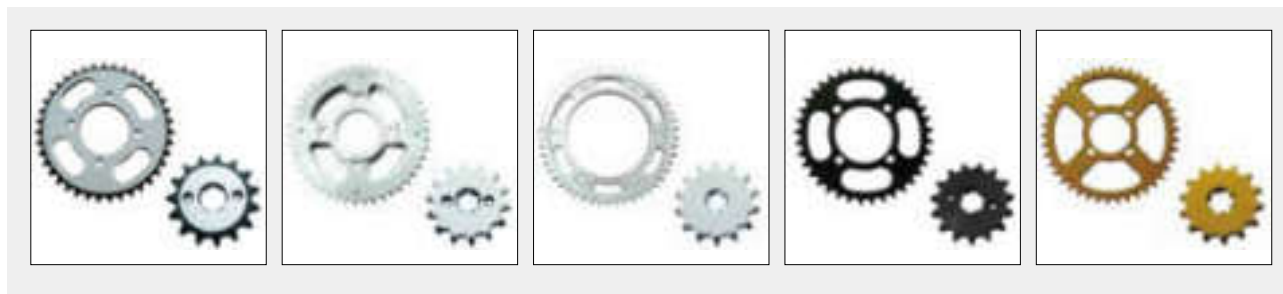
### 轻质链轮可选的颜色及表面处理

Light Sprockets optional color and surface treatment



### 机加工链轮可选的颜色及表面处理

Machining Sprockets optional color and surface treatment



# 链节的选择 Connecting Type

|                                      | 非密封圈链条用<br>For No-ring Chain                                                        | 密封圈链条用<br>For Seal-ring Chain                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 卡簧式 (开口) CL<br>Clip (open)CL         |    |    |
| 卡簧式 (封闭) SCL<br>Clip (closed)SCL     |   |   |
| 铆接式<br>Rivet PL                      |  |  |
| 涨孔式 EPL<br>Split Connecting Link EPL |                                                                                     |  |

## 部分配套车型适配产品 OEM Models

### 本田 HONDA 400cc



**520UX 密封圈链条**  
X-Ring Drive Chain



**SCL04CF-7 发动机链条**  
Silent Chain



### 本田 HONDA NSS350



**ZSSCL04CF-5 发动机链条**  
Silent Chain



### 本田 HONDA 190cc



**428HS 链条**  
Drive Chain



**SCL04CF-7 发动机链条**  
Silent Chain



## 部分配套车型适配产品 OEM Models

### 豪爵铃木 HAOJUE SUZUKI GSX250



**520O2 密封圈链条**  
X-Ring Drive Chian



**520 链轮 Sprocket**



**SCL04CF-7 发动机链条**  
Silent Chain



■ 链条采用轻量化设计理念，链板选用优质合金弹簧钢。

■ 链条选用新款 X 型密封圈封油性能更佳。

■ 选用进口白色润滑脂，耐磨效果更佳。

■ 链条特点：高强度、高耐磨、轻量化。

■ Designed by ultralight concept, plates made of S45C material guarantees good strengths.

■ X-Ring seals oil more efficient.

■ Original Japanese lubricating grease provides better abrasion resistance performance.

■ Features: High Strengths, wear resistance and light.

## KTM790



520 链轮 Sprocket



挂胶小轮 Sprocket



## 摩托莫里尼 MOTO MORINI 赛文佐 6½ 650cc



520SX2 密封圈链条  
X-Ring Drive Chain



520 链轮 Sprocket



## 部分配套车型适配产品 OEM Models

### 雅马哈 YAMAHA 900cc



**525SX2 密封圈链条**  
X-Ring Drive Chian



**525 链轮** Sprocket



### 雅马哈 YAMAHA 700cc



**525SX2 密封圈链条**  
X-Ring Drive Chian



**525 链轮** Sprocket



## 雅马哈 YAMAHA 125cc



**428HO 密封圈链条**  
O-Ring Drive Chain



**428 链轮 Sprocket**



## 重庆雅马哈 YAMAHA 250cc



**428HO 密封圈链条**  
O-Ring Drive Chain



**SCL04CF-5 发动机链条**  
Silent Chain



## 部分配套车型适配产品 OEM Models

### 贝纳利 BENELLI 1200cc



**525EX 密封圈链条**  
X-Ring Drive Chain



**SSCL04CF-9 发动机链条**  
Silent Chain



### 贝纳利 BENELLI 800cc



**525SX2 密封圈链条**  
X-Ring Drive Chain



**219H 发动机链条**  
Bushing Chain



### 贝纳利 BENELLI 750cc



#### 525SX2 密封圈链条

X-Ring Drive Chian



#### 219H 发动机链条

Bushing Chain



### 贝纳利 BENELLI 600cc



#### 525SX2 密封圈链条

X-Ring Drive Chian



#### SCL04CF-9 发动机链条

Silent Chain



### 贝纳利 BENELLI 500cc



#### 525SX2 密封圈链条

X-Ring Drive Chian



#### SCL04CF-9 发动机链条

Silent Chain



## 部分配套车型适配产品 OEM Models

### 无极 VOGE 650cc



#### 520UX 密封圈链条

X-Ring Drive Chian



#### SCL04CF-9 发动机链条

Silent Chain



### 无极 VOGE 500cc



#### 520UX 密封圈链条

X-Ring Drive Chian



#### SCL04CF-9 发动机链条

Silent Chain



### 无极 VOGE 300cc



#### 520UX 密封圈链条

X-Ring Drive Chian



#### SCL04CF-7 发动机链条

Silent Chain



## 阿普利亚 Aprilia RSV4



**520HX 密封圈链条**  
X-Ring Drive Chain



**7M250 Sprocket**



## 阿普利亚 Aprilia CR150



**428HX 密封圈链条**  
X-Ring Drive Chain



**SCL04CF-5 发动机链条**  
Silent Chain



**7M250 Sprocket**



### 春风国宾 CFMOTO 650



- 发动机链条链板采用等温处理，强度高。
- 发动机链条销轴采用 C-N 共渗处理。
- 链轮端面跳动和径向跳动都控制在 0.15 以内，传动平稳。
- 链条特点：高强度、高耐磨性、重载。

■ Isothermal heat treated plates of engine chains provide higher Strengths.

■ Pins of engine chains adopt carbonitriding processing.

■ Both Axial and radial run-out of sprockets are under 0.15, transmitting smoothly.

■ Features: High Strengths, high abrasion resistance and overload.

**520SX2 密封圈链条**  
X-Ring Drive Chain



**520 链轮 Sprocket**



**正时链轮**  
Drive sprocket



**SCL04CF-9 发动机链条**  
Silent Chain



## 春风国宾 CFMOTO NK/SR250



**520HX 密封圈链条**  
X-Ring Drive Chian



**SCL04CF-7 发动机链条**  
Silent Chain



**520 链轮 Sprocket**



## 宝马 BMW K8X



**525EX 密封圈链条**  
X-Ring Drive Chian



**25SH 油泵链条**  
Bushing Chain



**98RH 发动机链条**  
Silent Chain



## 部分配套车型适配产品 OEM Models

### 哈雷戴维森 Harley-Davidson X350



#### 525HO 密封圈链条

O-Ring Drive Chain



### 虬龙 轻蜂 Surron



#### 420O 链条

O-Ring Drive Chain



#### 420 链轮 Sprocket



## TINBOT RS1



**CL08CFM-5-138L 振明链**  
Zenming Chian



**20T/67T 链轮 Sprocket**



## TINBOT ES1



**CL08CFM-5-134L 振明链**  
Zenming Chian



**15T/51T 链轮 Sprocket**



### 雪地摩托车 Snowmobile



- 发动机链条链板采用等温处理，强度高。
- 发动机链条销轴采用 C-N 共渗处理。
- 链轮端面跳动和径向跳动都控制在 0.15 以内，传动平稳。
- 链条特点：高强度、高耐磨性、重载。

■ Isothermal heat treated plates of engine chains provide higher Strengths.

■ Pins of engine chains adopt carbonitriding processing.

■ Both axial and radial run-out of sprockets are under 0.15, transmitting smoothly.

■ Features: High Strengths, wear resistance and heavy-duty.

**CL06CF5-9、CL06CF5-13 发动机链条**  
Silent Chain



长江 CHANGJIANG 650 BOBBIE



**520SX2 密封圈链条**  
X-Ring Drive Chain



**520 链轮 Sprocket**



春风 CFMOTO ATV/UTV



**SCL04CF-9 发动机链条**  
Silent Chain



## 部分配套车型适配产品 OEM Models

### 新感觉 元图 GP250



**520X2 密封圈链条**  
X-Ring Drive Chain



**单摇臂链轮总成** Sprockets



### 隆鑫 无极 VOGE 350AC



**520X2 密封圈链条**  
X-Ring Drive Chain



**降噪链轮** Sprockets

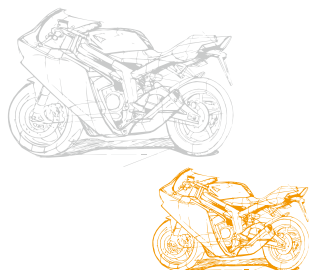


# 配色方案 Coloring Scheme

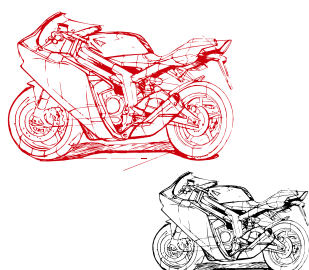
## 征和链轮配色参考 CHOHO Sprocket Reference



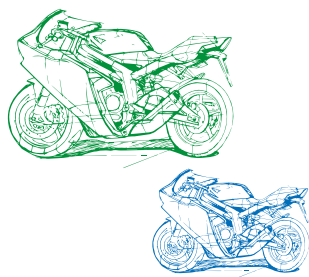
白色与黄色为主基调的摩托车



红色与黑色为主基调的摩托车



绿色与蓝色为主基调的摩托车



此链轮为实物拍摄，也可以搭配镀镍、发黑、发蓝链条使用



## 征和链条配色参考 CHOHO Chain Reference

征和红



绿色



征和蓝



粉橙

