



# Chains of the Future



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CONCEPT

## PREMIUM MOTORCYCLE CHAIN

ELEGANT, STRONG, DETAILED AND MAGNIFICENT,  
ULTIMATE SHAPE WITH FLEXIBILITY AND STRENGTH

FIVE CONCEPTS TO MAKE OUR IDEAL THREEED CHAIN A REALITY

### Impressive

- Ultimate Plate Shape
- 3D-designed beautiful curved form is an evolutionary shape with various functions in the next generation

### Dynamic

- Astonishing Transmission Efficiency
- Smooth and powerful acceleration by excellent transmission performance

### Elegant


- Bright Silver Premium Chain
- Nothing but our 3D design makes it possible to have an elegant form and everlasting beautiful light reflection

### Advanced

- Applying Brand-new Revolutionary Process of Manufacturing
- Far better than standard chains in every aspect such as fatigue strength, product quality and so on
- Aiming for no Initial elongation

### Light

- Slim Design with the Minimum Weight
- Produced by our exclusive technology to strengthen a chain without making it heavy



ThreeD: Chains with the three "D"s  
Design, 3Dimension and Dynamic

## LINEUP

### OUR BRAND-NEW STRONGEST SIX ITEMS

ROAD RACE.....	ThreeD	520GP
MOTOCROSS.....	ThreeD	520MX
ENDURO·MOTARD.....	ThreeD	520SM
SUPER SPORTS (250cc-1.000cc) .....	ThreeD	520Z
SUPER SPORTS (250cc-1.200cc) .....	ThreeD	525Z
SUPER SPORTS (250cc-1.400cc).....	ThreeD	530Z

### COMMON ADVANTAGES OF EACH ITEM

#### Precise Forging Process

We make our ThreeD chains highly Stiff, leading to better acceleration and efficient engine work.

#### Original Special Plate with Lightening Hole

We create a lightening hole in each inner plate without weakening the plate according to the computer analysis.

This plate enables the chain to be light, remove mud from the hole, and dissipate heat effectively.

#### Improvement of Transmission Efficiency

Our ThreeD parts are precisely manufactured, leading to a great improvement of transmission efficiency.

#### Adoption of Special Pin

We create a hole on both end of a pin to make the chain lightened.

#### Edge-Cut Inner Plate

Reduces friction and realizes smooth engagement with sprocket .





# IDEAL STYLE FOR VICTORY

## Advantages of ThreeD 520GP

- Chrome Plating
- Inner Plate with Lightening Hole
- Reduced Friction
- Chromium Carbide Pin
- QX2 Ring
- SX2 Ring
- Lightweight
- Transmission Efficiency
- Precise Forging Process
- End Facing Plate
- Dimpled Outer Plate
- Edge-Cut Inner Plate

## Suggested Applications: 250cc-1.000cc

Category	Product#	Color	Seal Type	Conn. Link	Applications
Road Race	520GP	Silver	Ring	MLJ	250cc-1,000cc

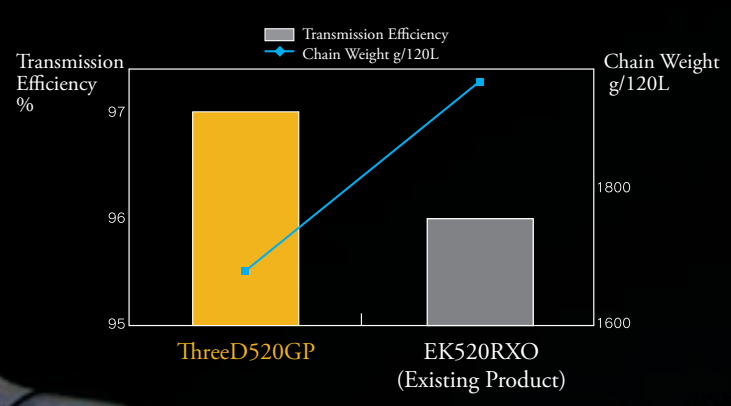
**REDUCED FRICTION**  
 Our Exclusive SX2 Ring leads to 30% reduction of friction (compared with our existing products).

**CHROMIUM CARBIDE PIN**  
 Chromium Carbide pin surface coating increases hardness and reduces chain wear.

**LIGHTWEIGHT**  
 Our Exclusive SX2 Ri Plate: Special three-dimensional plate shape strengthens a chain without making it heavy  
 Pin: Both end of a pin has a lightening hole.

**IMPROVEMENT OF TRANSMISSION EFFICIENCY**  
 Our ThreeD parts are precisely manufactured, leading to a great improvement of transmission efficiency.

### RELATION BETWEEN TRANSMISSION EFFICIENCY AND CHAIN WEIGHT



ThreeD 520GP

# MOTOCROSS



## Advantages of ThreeD 520MX

- Chrome Plating
- Inner Plate with Lightening Hole
- Reduced Friction
- Chromium Carbide Pin
- QX2 Ring
- SX2 Ring
- Lightweight
- Transmission Efficiency
- Precise Forging Process
- End Facing Plate
- Dimpled Outer Plate
- Edge-Cut Inner Plate

## Suggested Applications: 125cc-500cc

Category	Product#	Color	Seal Type	Conn. Link	Applications
Motocross	520MX	Silver	Non-sealed	SPJ	125cc-500cc

### REDUCED FRICTION

Non-sealed chain to reduce as much friction as possible.

### CHROMIUM CARBIDE PIN

Chromium Carbide pin surface coating increases hardness and reduces chain wear.

### END FACING PLATE

\* Realizes wear-resistant performance against mud without reducing strength.

End Facing / Exclusive for 520MX, Reduced friction against chain guide, also makes the chain lightweight



without End Facing

with End Facing

\* The end of plate, (which engages with chain guide), is cut off so that the plate can engage smoothly without unnecessary friction against chain guide.

# ENDURO • MOTARD



## Advantages of ThreeD 520SM

- Chrome Plating
- Inner Plate with Lightening Hole
- Reduced Friction
- Chromium Carbide Pin
- QX2 Ring
- SX2 Ring
- Lightweight
- Transmission Efficiency
- Precise Forging Process
- End Facing Plate
- Dimpled Outer Plate
- Edge-Cut Inner Plate

## Suggested Applications: 250cc-650cc

Category	Product#	Color	Seal Type	Conn. Link	Application
Enduro/Motard	520SM	Silver	SX2 Ring	MLJ	250cc-650cc

### SX2 RING

Slim sized SX2 ring strengthens the stiffness by reducing clearance between plates / SX2 ring has better wear-resistant performance than SX ring by 30%.

### LIGHTWEIGHT

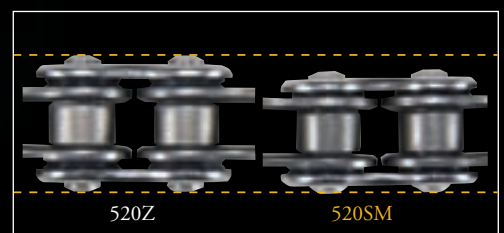
Plate: Special three-dimensional plate shape strengthens a chain without making it too heavy.

Pin: Both ends of the pins have lightening holes.

### IMPROVEMENT OF TRANSMISSION EFFICIENCY

Our ThreeD parts are precisely manufactured, leading to a great improvement of transmission efficiency.

ThreeD 520SM



Comparison of Width between and 520SM



# MASTERPIECE TO BE NO.1

## Advantages of ThreeD 520Z, 525Z, and 530Z

- Chrome Plating
- Inner Plate with Lightening Hole
- Reduced Friction
- Chromium Carbide Pin
- QX2 Ring
- SX2 Ring
- Lightweight
- Transmission Efficiency
- Precise Forging Process
- End Facing Plate
- Dimpled Outer Ring
- Edge-Cut Inner Plate

- 520Z Suggested Applications: 250cc-1.000cc
- 525Z Suggested Applications: 250cc-1.200cc
- 530Z Suggested Applications: 250cc-1.400cc

ThreeD 530Z • 525Z • 520Z

### REDUCED FRICTION

Exclusive QX2 Ring leads to 30% reduction of friction (compared with our existing products).

### QX2 RING

QX2 ring enables more reduced friction and better wear resistance than QX ring / QX2 ring has better wear-resistant performance than QX ring by 30%.

### LIGHTWEIGHT

Plate: Special three-dimensional plate shape strengthens a chain without making it heavy.  
Pin: Both ends of the pins have lightening holes.

Category	Product#	Color	Seal Type	Conn. Link	Applications
Super Sports	520Z	Silver	QX2 Ring	MLJ	250cc-1.000cc
	525Z	Silver	QX2 Ring	MLJ	250cc-1.200cc
	530Z	Silver	QX2 Ring	MLJ	250cc-1.400cc

### IMPROVEMENT OF TRANSMISSION EFFICIENCY

Our ThreeD parts are precisely manufactured, leading to a great improvement of transmission efficiency

## ThreeD New Performance

### Chrome Plating

ThreeD chain is impressivly and elegantly shining, appealing as premium chain that cannot be ignored

### Inner Plate with Lightening Hole

We create a lightening hole in each inner plate without weakening the plate according to the computer analysis / This plate enables the chain to be light, remove mud from the hole, and dissipate heat effectively

### Reduced Friction

Our exclusive QX2 and SX2 ring contributes to 30% reduction of friction (compared with our existing products) / 520MX is non-sealed chain to reduce as much friction as possible

### Chromium Carbide Pin

Chromium Carbide pin surface coating increases hardness and reduces chain wear

### QX2 Ring

QX2 ring enables more reduced friction and better wear resistance than QX ring / QX2 ring has better wear-resistant performance than QX ring by 30%

### SX2 Ring

Slim sized SX2 ring strengthens the stiffness by reducing clearance between plates / SX2 ring has better wear-resistant performance than SX ring by 30%

### Lightweight

Plate: Special three-dimensional plate shape strengthens a chain without making it heavy  
Pin: Both end of a pin has a lightening hole

### Transmission Efficiency

Our ThreeD parts are precisely manufactured, leading to a great improvement of transmission efficiency

### Precise Forging Process

We make our ThreeD chains highly Stiff, leading to better acceleration and efficient engine work

### End Facing Plate

Our original End Facing Plate realizes wear-resistant performance against mud without reducing strength

### Dimpled Outer Plate

Dimpled outer plate shows strong, elegant, and advanced 3D design

### Edge-Cut InnerPlate

Reduces friction and realizes smooth engagement with sprocket

## ThreeD Connecting Links

SPJ (Clip-type)	Comes standard with ThreeD 520MX, Slip Fit
MLJ (Rivet-type)	Comes standard with ThreeD 520GP, 520Z, 525Z, 530Z (can be used for ThreeD 520SM as optional link), Semi-Press Fit As good as chain in terms of fatigue strength, Requires special riveting tool to install
SKJ (Clip-type)	Comes standard with ThreeD 520SM, Semi-Press Fit



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