D.I.D is the World’s #1 original parts (OE) supplier for Japanese and European motorcycle manufacturers.

ADVANCED TECHNOLOGY

Advanced Technology

D.I.D’s patented X-Ring is superior to other O-Ring designs. The X-Ring construction reduces friction by twisting between the side plate instead of being squashed. The graph below shows friction levels of the X-Ring compared to other seals.

SDH pin treatment creates an extremely hard chromium carbide layer on the pin’s surface. The inner core remains soft to absorb shock loads.

Low Rigid

High Rigid

Pin flex robs your bike of its horsepower. The high rigidity of D.I.D pins means a quicker response, resistance from chain elongation, and smoother handling.

LOW RIGIDITY

HIGH RIGIDITY

D.I.D brand drive chains and aluminum rims are all manufactured in Kaga, Ishikawa prefecture, Japan and supplied through motorcycle dealers worldwide. These top quality products are meticulously made by skilled technicians in order to provide outstanding performance for all riders.
**SUPERBIKE STRENGTH**
D.I.D’s ZVM-X Series has greater strength than the VX Series and is designed for heavyweight motorcycles with tremendous torque and horsepower.

**LONGEST WEAR LIFE**
The twisting action of the X-Ring® increases its sealing performance and its four contact points minimize power loss.

**QUICKER RESPONSE**
The ZVM-X Series’ Direct Energy Transfer, born from our experience in MotoGP, means greater stretch resistance under load.

**WIDE RANGE OF MOTORCYCLES**
D.I.D’s VX Series includes the 428VX, 520VX3, 525VX3, and 530VX3 chains to suit numerous street and off-road motorcycles from 350cc to 1100cc.

**LONGER CHAIN LIFE**
D.I.D’s VX Series boasts a much longer chain life than the VO Series due to the patented X-Ring technology. The 520VX3 has a 32% longer chain life than the 520VO and the 525 and 530VX3 has a 41% longer chain life!

**SMOOTHER HANDLING**
D.I.D’s VX Series has increased rigidity in order to reduce flex, so riders can ride smoother with confidence.

**FEEL THE FULL POWER OF HIGH PERFORMANCE MACHINES**

<table>
<thead>
<tr>
<th>ZVM-X SERIES</th>
<th>VX SERIES</th>
<th>VO SERIES</th>
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<tbody>
<tr>
<td>AVAILABLE SIZE</td>
<td>AVAILABLE SIZE</td>
<td>AVAILABLE SIZE</td>
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<tr>
<td>520ZVM-X 1200cc</td>
<td>428VX 350cc</td>
<td>420V - 100cc</td>
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<tr>
<td>525ZVM-X 1300cc</td>
<td>520VX3 800cc</td>
<td>520VO - 750cc</td>
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<td>530ZVM-X 1400cc</td>
<td>525VX3 1000cc</td>
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<tr>
<td>530VX3 1100cc</td>
<td>530VX3 1100cc</td>
<td>530VO - 1000cc</td>
</tr>
</tbody>
</table>

**RIDE WITH D.I.D**
Applicable for street and off-road bikes and ATV’s up to 1000cc.

**UNCOMPROMISED QUALITY**
D.I.D’s top quality O-Ring chains are quad stake riveted with solid bushings for superior strength and long chain life.”
ROAD RACING
415ERZ is designed for the Moto3 Regulations that requires a higher performance chain.

MINI BIKE KING
Perfect for smaller bikes up to 250cc such as the KTM 50.

MOTOGP SPEC
D.I.D’s 520ERV7 is the chosen chain of MotoGP, Superbike, and road racing teams alike.

UPGRADED FOR 2020
Upgraded from the 520ERV3, the 520ERV7 boasts a 3% higher tensile strength, a 13% longer chain life, and less friction due to X-Ring improvements.

ROAD RACING
Flagship model for street bikes and enduro riding.

ENDURO BOSS
Upgraded from the 520ERT, the 520ERVT is now 2% lighter and has a 15% longer lifespan, all while maintaining the same tensile strength.

ULTIMATE OFF-ROAD X-RING CHAIN
Born from our original motocross chain, the 520ERVT now adds the benefits of an X-Ring. New off-road chain choice for the top AMA teams!

OPTIMAL ATV CHAIN
Steel alloy construction to minimize heat cracking in cold weather due to severe heating and cooling of the chain during competition.

FASTER & STRONGER
7% lighter, 10% stronger, and 8% longer chain life than the original ATV chain.
**MOTOCROSS MONSTER**
The 520MX chain has the highest rating tensile strength in our ER lineup making it optimal for off-road racing.

**TOUGHEST OFFROAD CHAIN**
This super strong chain is the one you can depend on to handle toughest race.

**THE CUTTING EDGE**
With uncompromisable strength, the 520ERT3 has 25% greater anti-shock performance and a 5% higher tensile strength than the previous generation chain without any added weight.

**CHAIN OF CHOICE FOR THE TOP AMA TEAMS!**
The 520ERT3 is our lightest motocross racing chain used by AMA factory teams such as KTM, Yamaha, and Kawasaki.

**GREAT VALUE / HIGH PERFORMANCE**
The 520DZ2 is budget-friendly, high-performance racing chain designed specifically with local motocross champions in mind.

**LONGER CHAIN LIFE**
Designed to meet demand of even the most grueling MX tracks with SDH technology which leads to longer chain life.

**MADE FOR FUTURE CHAMPIONS**
Made for future champions, the NZ series includes premium chains specifically for mini bike racing.
STRONGER THAN OE RIMS

All DirtStar rims are made from 7-series aluminum alloy, which makes them stronger than stock (OE) rims.

EASY TO LACE UP

All DirtStar rims are designed to be compatible with OE hubs, spokes and nipples.

ORIGINAL SERIES

GREAT VALUE!
20% stronger than OE rims making these a great upgrade

ST-X SERIES

MOTOCROSS MUST-HAVES
40% stronger than OE rims and the go-to choice for AMA race teams.

Changing/upgrading your bike’s drive system just became so easy, eliminating the guess-work in part numbers and fitments. Each kit contains high-quality steel JT Sprockets and a D.I.D chain to directly fit your bike. Changing your chain and sprockets at the same time are recommended to help reduce unnecessary wear.

STREET/ OFF-ROAD

CHAIN & SPROCKET KITS

MOTOCROSS

STRENGTH: D.I.D 2020 CATALOG

20% stronger than OE rims and the go-to choice for AMA race teams.

GREAT VALUE!

20% stronger than OE rims making these a great upgrade

ST-X SERIES

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40% stronger than OE rims and the go-to choice for AMA race teams.

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MOTOCROSS

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## Chain Specifications

### Exclusive Racing Chains

<table>
<thead>
<tr>
<th>Chain</th>
<th>Category</th>
<th>Pin Length (inches)</th>
<th>Pin Dia. (inches)</th>
<th>Plate Thickness</th>
<th>Weight/100L (lbs)</th>
<th>Tensile Strength (lbs)</th>
<th>Seal</th>
<th>Chain Life Index</th>
<th>Master Link</th>
<th>Max CC</th>
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<tbody>
<tr>
<td>415ERZ</td>
<td>Mini MX</td>
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<td>0.156</td>
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<td>1.45</td>
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<td>Mini MX</td>
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### Super X-Ring Chains

<table>
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<tr>
<th>Chain</th>
<th>Category</th>
<th>Pin Length (inches)</th>
<th>Pin Dia. (inches)</th>
<th>Plate Thickness</th>
<th>Weight/100L (lbs)</th>
<th>Tensile Strength (lbs)</th>
<th>Seal</th>
<th>Chain Life Index</th>
<th>Master Link</th>
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### Pro X-Ring Chains

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<tbody>
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### Standard O-Ring Chains

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### Standard Non-O-Ring Chains

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<th>Pin Length (inches)</th>
<th>Pin Dia. (inches)</th>
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### Super Non-O-Ring Chains

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<th>Chain</th>
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<th>Pin Length (inches)</th>
<th>Pin Dia. (inches)</th>
<th>Plate Thickness</th>
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## Riveting FLARE DIMENSIONS

- **RJ:** Safety Clip and Loose-fit Type
  - Mainly for non-O-Ring chain for small size motorcycles. You don’t need any special tools.

- **FJ:** Safety Clip and Press-fit Type
  - For OX-Ring chain for middle size motorcycles. You need a tool to press off outer plate.

- **ZJ:** Rivet and Press-fit Type
  - For OX-Ring chain for large size motorcycles. You need a tool to press off outer plate and rivets.