

Chad Wiene
 Wiene Motorsports
 AMA ATV Pro Champion



520ATV GOLD
 Low Friction X-Ring®

Reinforced sideplates provide extra strength for Racing. Special steel alloy is used to protect against "heat cracking" in cold weather due to severe heating and cooling during competition.



520VX2 GOLD
 Low Friction X-Ring®

During acceleration chains flex from massive torque. D.I.D. VX Series chains have increased rigidity to reduce chain flex to minimize power loss.



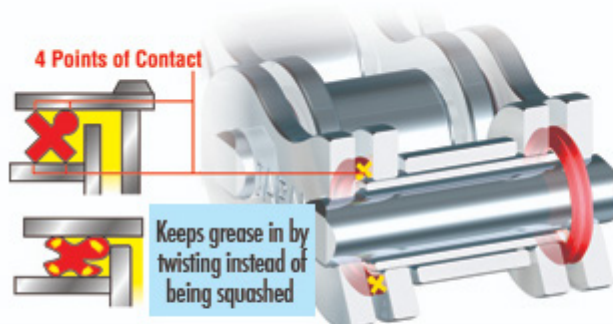
520VO
 O-Ring

D.I.D.'s O-Ring chains are quad stake riveted with solid bushings for superior strength and long life.

CATEGORY	CHAIN	DISP.C.C.	MAIN FEATURE
ATV Racing	520ATV	Max. 750c.c.	Low Friction
Sport/Utility	520VX2	Max. 750c.c.	Low Friction
Sport/Utility	520VO	Max. 500c.c.	O-Ring Chain

D.I.D's High Performance X-Ring® for Street Bikes

D.I.D X-RING® IS SUPERIOR TO OTHER TYPES OF O-RING DESIGNS



Seal Comparison Chart

D.I.D X-Ring®		
Normal O-Ring		
Other A		
Other B		

Half the Power Loss

(Compared with Normal O-Ring)

D.I.D's PATENTED X-Ring construction reduces friction by twisting between the side plates instead of being squashed. Normal O-Rings and other makers' modified O-Rings have squashed points that increase friction. The twisting motion of the X-Ring disperses the pressure and minimizes power loss. X-Ring is a U.S.A. Registered Trademark of D.I.D; Daido Kogyo Co. Ltd. Japan

1.5 to 2 Times Longer Wear Resistance

(Compared with Normal O-Ring)

The X-Ring's four contact points greatly increase its sealing performance. This keeps the dirt out and the lubrication in much better than any other O-Ring. X-Rings have the greatest wear resistance of any other type of O-Ring or Non-O-Ring chain.



428VX, 520VX2,
525VX & 530VX Chains
Available in Gold G/B,
and Unplated Steel

Pro-Street VX-Series X-Ring®

In developing the Pro-Street VX Series, D.I.D focused on improving chain "Rigidity". Traditionally, "Tensile Strength" has been used to measure the strength of a chain. But Tensile Strength is only a laboratory measurement of a chain's "breaking point". Rigidity increases a chain's ability to withstand forces that occur in a rider's real world experience. Rigidity increases power transfer from the engine to the ground and greater resistance to stretching under load. This translates into smooth handling and quicker response time. To maximize performance, ZVM-X chains have D.I.D's race proven low friction X-Rings. D.I.D's PRO-Street VX Series Chains are a perfect match for your dual sport, sport bike or sport touring bike.

CHAIN	DISP. C.C.	MAIN FEATURE
428VX	MAX. 350 C.C.	Great Value X-RING
520VX2	MAX. 750 C.C.	Great Value X-RING
525VX	MAX. 900 C.C.	Great Value X-RING
530VX	MAX. 1000 C.C.	Great Value X-RING



The 530ZVM-X is also applicable for custom V-Twin Motorcycles!

520ZVM-X, 525ZVM-X & 530ZVM-X Chains Available in Gold G/G, Silver S/S & Unplated

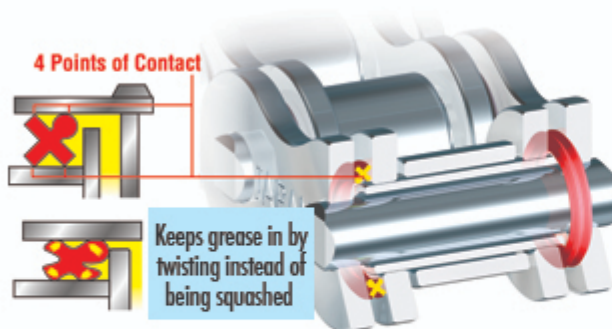
Super Street ZVM-X-Series X-Ring®

D.I.D's Super Street Series X-Ring Chains were designed with increased power transfer from the engine to the ground, greater resistance to stretching under load and overall improved performance that meets the demands of current large displacement street bikes and the people who ride them. D.I.D's ZVM-X chains are the strongest high mileage chains.

CHAIN	DISP. C.C.	MAIN FEATURE
520ZVM-X	MAX. 1200 C.C.	Super Strong/High Mileage
525ZVM-X	MAX. 1300 C.C.	Super Strong/High Mileage
530ZVM-X	MAX. 1400 C.C.	Super Strong/High Mileage

D.I.D's High Performance X-Ring® for Road Racing

D.I.D X-RING® IS SUPERIOR TO OTHER TYPES OF O-RING DESIGNS



Seal Comparison Chart

D.I.D X-Ring®		
Normal O-Ring		
Other A		
Other B		

Half the Power Loss

(Compared with Normal O-Ring)

D.I.D's PATENTED X-Ring construction reduces friction by twisting between the side plates instead of being squashed. Normal O-Rings and other makers' modified O-Rings have squashed points that increase friction. The twisting action of the X-Ring disperses the pressure and minimizes power loss. X-Ring is a U.S.A. Registered Trademark of D.I.D; Daido Kogyo Co. Ltd. Japan

1.5 to 2 Times Longer Wear Resistance

(Compared with Normal O-Ring)

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D.I.D's High Performance ER Road Racing Chain

D.I.D X-RING® IS THE WORLD'S LOWEST FRICTION CHAIN



520ERV3 GOLD

The Light Weight Road Racing Champion

EXCLUSIVE RACING X-RING®

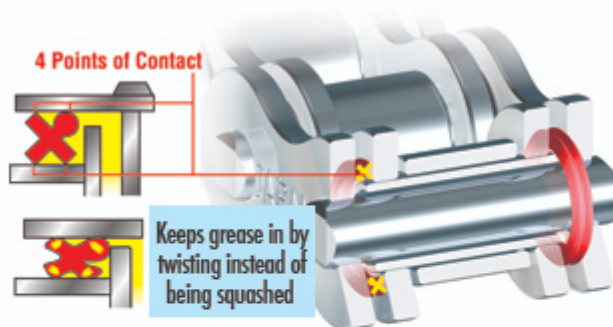
CHAIN	DISP. C.C.	MAIN FEATURE
415ERZ	MAX. 125 C.C.	Non-O-Ring
520ERS2	MAX. 250 C.C.	Non-O-Ring
520ERV3	MAX. 750 C.C.	X-Ring®

* The maximum c.c. displacement is based on original manufacturers recommended chain size.



D.I.D's High Performance X-Ring® for Enduros & Desert Racing

D.I.D X-RING® IS SUPERIOR TO OTHER TYPES OF O-RING DESIGNS



Seal Comparison Chart

O-Ring Type	Seal Design	Wear Resistance	Sealing Performance
D.I.D X-Ring®		High	Excellent
Normal O-Ring		Low	Poor
Other A		Medium	Fair
Other B		Medium	Fair

Half the Power Loss

(Compared with Normal O-Ring)

D.I.D's PATENTED X-Ring construction reduces friction by twisting between the side plates instead of being squashed. Normal O-Rings and other makers' modified O-Rings have compressed points that increase friction. The twisting action of the X-Ring minimizes power loss.

X-Ring is a U.S.A. Registered Trademark of D.I.D; Daido Kogyo Co. Ltd. Japan

1.5 to 2 Times Longer Wear Resistance

(Compared with Normal O-Ring)

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520ERV3

For Enduro and Desert Racing

D.I.D's 520ERV3 is the Enduro and Desert Champion D.I.D's 520VT2 and 520VX2 X-Ring chains provide excellent low friction performance

Low Weight, Low Friction X-Ring

520VT2 and 520VX2

For Enduro and Trail Riding

D.I.D's 520VT2 and 520VX2 X-Ring chains provide excellent low friction performance



CHAIN	DISP. C.C.	MAIN FEATURE
520ERV3	MAX. 750 C.C.	ENDURO CHAMPION
520ATV	MAX. 750 C.C.	ATV ENDURO X-Ring®

* The maximum c.c. displacement is based on original manufacturers recommended chain size. Consult your owners manual.

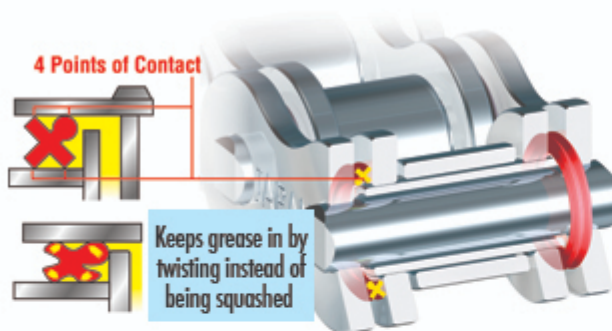
CHAIN	DISP. C.C.	MAIN FEATURE
520VT2	MAX. 500 C.C.	Narrow X-Ring®
520VX2	MAX. 750 C.C.	GREAT VALUE X-Ring®

* The maximum c.c. displacement is based on original manufacturers recommended chain size. Consult your owners manual.



D.I.D's High Performance X-Ring® for for Trials and Dual Sports

D.I.D X-RING® IS SUPERIOR TO OTHER TYPES OF O-RING DESIGNS



Seal Comparison Chart

D.I.D X-Ring®		
Normal O-Ring		
Other A		
Other B		

Half the Power Loss

(Compared with Normal O-Ring)

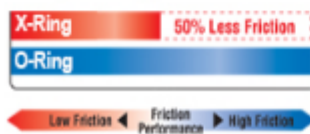
D.I.D's PATENTED X-Ring construction reduces friction by twisting between the side plates instead of being squashed. Normal O-Rings and other makers' modified O-Rings have squashed points that increase friction. The twisting action of the X-Ring disperses the pressure and minimizes power loss. X-Ring is a U.S.A. Registered Trademark of D.I.D; Daido Kogyo Co. Ltd. Japan

1.5 to 2 Times Longer Wear Resistance

(Compared with Normal O-Ring)

The X-Ring's four contact points greatly increase its sealing performance. This keeps the dirt out and the lubrication in much better than any other O-Ring. X-Rings have the greatest wear resistance of any other type of O-Ring or Non-O-Ring chain.

X-Ring vs O-Ring FRICTION CHART



PRO-Street X-Ring® VX Series Chains

D.I.D's PRO-Street X-Ring® VX Series Chains are high quality X-Ring® chains with superior strength to withstand the horsepower of today's Dual Sports and Trials Bikes. The VX Series uses our patented low friction X-Ring® for maximum performance.



CHAIN	DISP. C.C.	MAIN FEATURE
428VX	MAX 350 C.C.	Great Value X-Ring®
520VX2	MAX 750 C.C.	Great Value X-Ring®
520VO	MAX 500 C.C.	Great Value O-Ring

* The maximum c.c. displacement is based on original manufacturers recommended chain size. Consult your owners manual.

ER Racing Non-O-Ring Chain for Trials

CHAIN	DISP. C.C.	MAIN FEATURE
520ERS2	MAX 250 C.C.	Non-O-Ring

* The maximum c.c. displacement is based on original manufacturers recommended chain size. Consult your owners manual.

Professional O-Ring Chain

D.I.D.'s top quality O-Ring chains are quad stake riveted with solid bushings for superior strength and long life.



The NEW 520VO is applicable for Street Motorcycles, Off-road Motorcycles and ATVs up to 500cc.



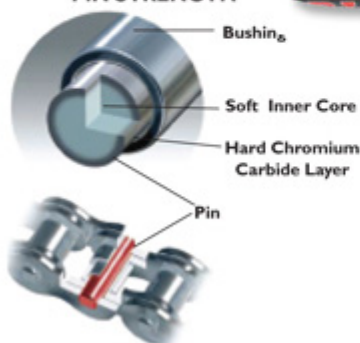
420VO

D.I.D. SPECIFICATIONS

PROFESSIONAL O-RING V			The Professional O-Ring Series is a high quality O-Ring chain with excellent wear resistance. D.I.D. Professional V Series chain is a great value O-Ring chain.									
Model No.	Pin Length		Roller Dia. mm	Plate Thickness		Weight		Tensile Strength		Seal Type	Wear Resistance Index: Std. Chain = 100	Connecting Link Rivet ZJ - Clip FJ or RJ OPTION RJ INCLUDED OPTION FJ INCLUDED OPTION XJ INCLUDED
	mm	in.		Inner mm	Outer mm	Kgs/100 Links	Lbs./100 Links	Average KN	Lbs.			
420V	16.90	0.665	7.77	1.5	1.5	0.73	1.60	15.8	3,560	○	700	
520VO	20.20	0.795	10.16	2.0	2.0	1.50	3.31	35.6	8,000	○	2,350	
630V	25.30	0.996	11.96	2.4	2.4	2.96	6.52	48.1	10,820	○	2,050	

Motocross Race Chain

EXTREME IMPACT
PIN STRENGTH



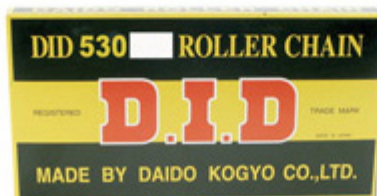
D.I.D. NZ Super Non O-Ring Series Chain 520NZ, 525NZ and 530NZ

The NZ Series features our exclusive SDH Pin Treatment for Superior Strength and Long Life.

The SDH pin treatment creates a hard chromium-carbide layer on the pin surface which increases chain life. And at the same time the pin's inner core remains soft to absorb the tremendous shock loads without breaking.

In addition, all NZ Series chains have Solid bushings and Quad-Riveted pins.

Model No.	Pin Length		Roller Dia. mm	Plate Thickness		Weight		Tensile Strength		Seal Type	Wear Resistance Index: Std. Chain = 100	Connecting Link	
	mm	in.		Inner mm	Outer mm	Kgs/100 Links	Lbs./100 Links	KN	Lbs.			Rivet	Clip
SUPER NON-O-RING NZ				Feature: • SDH treatment on pins • Quad-riveted pins • Solid bushing									
420NZ3	18.75	0.859	7.77	1.8	1.8	0.82	1.81	21.9	4,830	-	410	N/A	✓ Includ.
428NZ	18.90	0.744	8.50	2.0	2.0	1.00	2.20	25.5	5,740	-	410	✓ opt.	✓ Includ.
520NZ	18.35	0.722	10.20	2.2	2.2	1.81	3.54	35.8	8,050	-	410	✓ opt.	✓ Includ.
525NZ	20.60	0.811	10.22	2.4	2.2	1.81	3.99	39.2	8,820	-	410	✓ opt.	✓ Includ.
530(50)NZ	22.55	0.888	10.20	2.4	2.4	1.85	4.07	38.3	8,600	-	410	✓ opt.	✓ Includ.



STANDARD NON-O-RING				D.I.D Standard Non-O-Ring Chain is designed for low horsepower smaller displacement mopeds, scooters and vintage motorcycles.									
Model No.	Pin Length		Roller Dia. mm	Plate Thickness		Weight		Tensile Strength		Seal Type	Wear Resistance Index: Std. Chain = 100	Maximum c.c. Engine Displacement	
	mm	in.		Inner mm	Outer mm	Kgs/100 Links	Lbs./100 Links	KN	Lbs.				
420D	14.75	0.581	7.77	1.5	1.5	0.70	1.54	17.7	3,970	-	100	Up to 80 c.c.	
428D	16.70	0.657	8.50	1.5	1.5	0.84	1.84	18.8	4,230	-	100	Up to 125 c.c.	
428HD	18.90	0.744	8.50	2.0	2.0	1.00	2.20	23.4	5,250	-	100	Up to 125 c.c.	
520	17.50	0.689	10.16	2.0	2.0	1.42	3.12	29.8	6,700	-	100	Up to 250 c.c.	
525	18.60	0.732	10.16	2.0	2.0	1.49	3.28	30.8	6,930	-	100	Up to 400 c.c.	
530	20.30	0.799	10.16	2.0	2.0	1.68	3.71	30.8	6,930	-	100	Up to 400 c.c.	

NOTES: If your motorcycle came with an Original Equipment O-Ring or X-Ring® chain, DO NOT replace it with a STANDARD NON-O-RING CHAIN; you must replace it with a sealed chain of equal or greater strength.

STANDARD NON-O-RING CHAINS ARE NOT SUITABLE FOR HIGH PERFORMANCE MOTORCYCLES