

JT DRIVE CHAIN

Using our experience and technical expertise in drive components, we ensure that the specifications of JT advanced power transfer chains meet or exceed the requirements of all modern motorcycles, be it street, motocross, enduro, off-road or ATV. Available in all sizes, a full range is available for all types of motorcycle in black steel or nickel finish.

Chain Range

BHP/CC application charts for reference only – to ensure correct chain selection, follow the vehicle manufacturer's recommendations

Z3 Super Heavy Duty X-Ring Chain

Chain	Street/Dual Purpose	Motocross	ATV
530 Z3	up to 1400 cc	–	–
525 Z3	up to 1400 cc	–	–
520 Z3	up to 1000 cc	–	–



All Silver (Nickel)



Black Steel



X1R / X1R2 Heavy Duty X-Ring Chain

Chain	Street/Dual Purpose	Motocross	ATV
530 X1R	up to 900 cc / 130 bhp (97 kW)	–	–
525 X1R	up to 800 cc / 120 bhp (90 kW)	–	–
520 X1R2	up to 750 cc / 110 bhp (82 kW)	–	200 to 600 cc
520 X1R	–	200 to 600 cc	–
428 X1R	up to 250 cc	up to 200 cc	up to 200 cc



All Silver (Nickel)



Black Steel



HPO High-Performance O-Ring Chain

Chain	Street/Dual Purpose	Motocross	ATV
428 HPO	up to 200 cc	up to 150 cc	up to 150 cc



Nickel & Black



Gold & Black



HDS Super Heavy Duty Chain

Chain	Street/Dual Purpose	Motocross	ATV
520 HDS	up to 350 cc	up to 500 cc	up to 500 cc



All Silver (Nickel)



Black Steel



HDR Heavy Duty Chain

Chain	Street/Dual Purpose	Motocross	ATV
520 HDR	up to 200 cc	up to 350 cc	up to 350 cc
428 HDR	up to 200 cc	up to 150 cc	up to 150 cc
420 HDR	up to 150 cc	up to 150 cc	up to 150 cc



All Silver (Nickel)
(520 only)



Nickel & Black
(420/428 only)



Black Steel

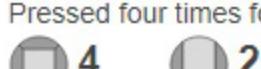


Chain Specifications

Chain	Roller Diameter	Pin Length	Plate Thickness		Weight per 100 links	Avg. Tensile Strength	Pin Riveting	Solid Bush	X-Ring Seal	Available Connecting Link	
			Inner	Outer						Standard	Option
	mm	mm	mm	mm	kg	kgf (kN)	-	-	-		
520 Z3	10.32	21.40	2.2	2.4	1.87	4240 (41.6)	4	Yes	Yes	RL	-
525 Z3	10.32	23.70	2.4	2.6	2.10	4690 (46.0)	4	Yes	Yes	RL	-
530 Z3	10.32	25.30	2.4	2.6	2.19	4690 (46.0)	4	Yes	Yes	RL	-
428 X1R	8.50	20.80	2.0	2.0	1.12	2800 (27.5)	4	Yes	Yes	SL	-
520 X1R	10.22	20.30	2.0	2.0	1.55	3700 (36.3)	4	Yes	Yes	DL	RL/SL
520 X1R2	10.22	20.30	2.0	2.0	1.67	3900 (38.2)	4	Yes	Yes	DL	RL/SL
525 X1R	10.22	22.60	2.2	2.2	1.87	4050 (39.7)	4	Yes	Yes	RL	SL
530 X1R	10.22	24.90	2.4	2.4	2.08	4200 (41.2)	4	Yes	Yes	RL	SL
428 HPO	8.50	20.00	1.7	1.7	1.11	2250 (22.1)	4	Yes	O-Ring	SL	-
520 HDS	10.22	18.60	2.2	2.2	1.55	4020 (39.4)	4	Yes	-	SL	RL
520 HDR	10.22	17.80	2.0	2.0	1.47	3700 (36.3)	4	Yes	-	SL	RL
420 HDR	7.77	15.05	1.6	1.6	0.74	2000 (19.6)	2	Yes	-	SL	-
428 HDR	8.50	18.30	2.0	2.0	0.97	2500 (24.5)	2	Yes	-	SL	-

Pin Riveting

Pressed four times for an extra strong rivet that resists powerful lateral forces on the outer plate



Solid Bush

Solid bushes provide enhanced resistance to distortion from repetitive shock loading

Riveted Bush

All 520 HDR/HDS/X1R/X1R2 have riveted bushes that resist powerful lateral forces on the inner plate

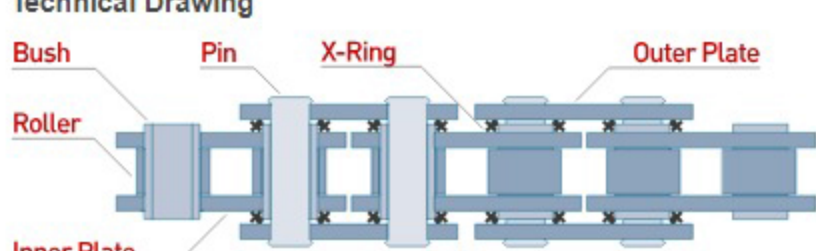
X-Ring Seal

X-Ring seals offer better sealing than the conventional O-Ring and produce far less friction. All Z3/X1R chains are equipped with X-Rings

Connecting Link Reference

SL Spring/Clip Link **RL** Rivet Link **DL** Dual Link (contains both link types)

Technical Drawing



Looking for dependable motorcycle drivetrain & transmission parts? Rely on JT Sprockets for quality and long-lasting products.