

# POWERTRANSFER MOTORCYCLE CHAIN



With our leading edge technology and using only the highest grade of special steel alloys, we produce a full range of superior quality motorcycle chains. The specifications of the JT advanced power transfer chains meet or exceed the requirements of all modern motorcycles, street, MX, enduro, off road and ATV.



## ROAD & DUAL PURPOSE APPLICATION CHART

				150cc	200cc	250cc	350cc	500cc	600cc	750cc	900cc	1200cc
Z1R	X-Ring	520										
		525										
		530										
X1R <sub>2</sub>	X-Ring	520	Up to maximum 110 bhp									
X1R	X-Ring	525	Up to maximum 120 bhp									
		530	Up to maximum 130 bhp									
HDS		520										
HDR		520										
X1R	X-Ring	428										
HDR		420										
HDR		428										

## MOTOCROSS APPLICATION CHART

				150cc	200cc	250cc	350cc	500cc	600cc	750cc	900cc	1200cc
X1R	X-Ring	520	Up to maximum 95 bhp									
HDS		520										
HDR		520										
X1R	X-Ring	428										
HDR		420										
HDR		428										

## ATV APPLICATION CHART

				150cc	200cc	250cc	350cc	500cc	600cc	750cc	900cc	1200cc
X1R <sub>2</sub>	X-Ring	520										
HDS		520										
HDR		520										
X1R	X-Ring	428										
HDR		420										
HDR		428										

# JT DRIVE CHAIN

## TECHNICAL SPECIFICATION



### EXPERT SERIES X-RING DRIVE CHAIN

Z1R Super Heavy Duty X-Ring Chain

X1R Heavy Duty X-Ring Chain



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						Rivet	Clip
	mm	mm	mm	mm	kg	kgf (kN)	-	-	-		
520Z1R	10.32	21.40	2.2	2.4	1.87	4300 (42.2)	4	✓	✓	✓	-
525Z1R	10.32	23.70	2.4	2.6	2.10	4800 (47.1)	4	✓	✓	✓	-
530Z1R	10.32	25.30	2.4	2.6	2.19	4800 (47.1)	4	✓	✓	✓	-
428X1R	8.50	20.80	2.0	2.0	1.12	2800 (27.5)	4	✓	✓	-	✓
520X1R	10.22	20.30	2.0	2.0	1.55	3700 (36.3)	4	✓	✓	✓	✓
520X1R <sub>2</sub>	10.22	20.30	2.0	2.0	1.67	3900 (38.2)	4	✓	✓	✓	✓
525X1R	10.22	22.60	2.2	2.2	1.87	4050 (39.7)	4	✓	✓	✓	✓
530X1R	10.22	24.90	2.4	2.4	2.08	4200 (41.2)	4	✓	✓	✓	✓

### RACE SERIES COMPETITION DRIVE CHAIN

HDS Ultimate Competition Chain

HDR Super Competition Chain



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						Rivet	Clip
	mm	mm	mm	mm	kg	kgf (kN)	-	-	-		
520HDS	10.22	18.60	2.2	2.2	1.55	4020 (39.4)	4	✓	-	✓	✓
520HDR	10.22	17.80	2.0	2.0	1.47	3700 (36.3)	4	✓	-	✓	✓

### HEAVY DUTY DRIVE CHAIN

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						Rivet	Clip
	mm	mm	mm	mm	kg	kgf (kN)	-	-	-		
420HDR	7.77	15.05	1.6	1.6	0.74	2000 (19.6)	2	✓	-	-	✓
428HDR	8.50	18.30	2.0	2.0	0.97	2500 (24.5)	2	✓	-	-	✓

#### Pin Riveting 4

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

#### Solid Bush

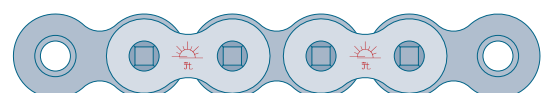
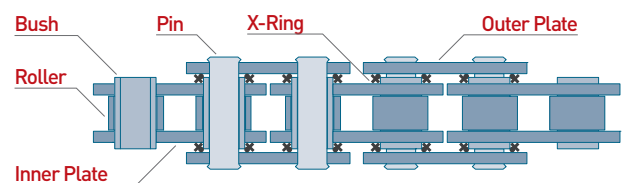
Solid bushes provide enhanced resistance to distortion from repetitive shock loading

#### Riveted Bush

All 520 HDR/HDS/X1R/X1R<sub>2</sub> 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 sealed JT chains are equipped with X-Rings



HDR, HDS, X1R, X1R<sub>2</sub> available in Black Steel and Gold & Black finish. Z1R available in Black Steel and Gold & Gold finish.