

Front Derailleurs Road

Model No.	FDRZ	FDRX	FDRS	FDR99	FDR90	FDR87	FDR80
Rear Compatibility	10-Speed	10-Speed	10-Speed	9-Speed	9-Speed	8-Speed	8-Speed
Chainring Compatibility	Double	Double	Double	Triple	Double	Triple	Double
Top Gear Teeth	56~50 T	56~50 T	56~50 T	50T	56~50T	52T	56~50T
Capacity	16T	16T	16T	20T	16T	22T	16T
Mounting	Brazed on	Brazed on	Band / (B) Brazed on	Band / (B) Brazed on	Band / (B) Brazed on	Band / (B) Brazed on	Band / (B) Brazed on
Band Diameter	∅	∅	(L) 34.9 / (M) 31.8mm*	(L) 34.9 / (M) 31.8mm*	(L) 34.9 / (M) 31.8mm*	(M)31.8 / (S) 28.6mm*	(M)31.8 / (S) 28.6mm*
Cable Routing	(B) Bottom Pull	(B) Bottom Pull	(B) Bottom Pull	(B) Bottom Pull	(B) Bottom Pull	(B) Bottom Pull	(B) Bottom Pull
Band & Brazed on	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged
Outer Link	Aluminum Forged	Aluminum Forged / CNC	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged
Inner Link	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged	Aluminum Forged
Chain Guide	Carbon Reinforced Steel	Steel / Chrome Plated	Steel / Chrome Plated	Steel / Chrome Plated	Steel / Chrome Plated	Steel / Chrome Plated	Steel / Chrome Plated
Applicable Chainline	43.5mm	43.5mm	43.5mm	45mm	43.5mm	45mm	43.5mm
Chain Stay Angle	61~66°	61~66°	61~66°	63~66°	61~66°	63~66°	61~66°
Average Weight	102g	99g	111g / 99g (B)	114g / 99g (B)	111g / 99g (B)	115g / 100g (B)	114g / 99g (B)

* With multi clamp band inserts

Front Derailleurs Road

Model No.	FDR31
Rear Compatibility	7 / 6 / 5-Speed
Chainring Compatibility	Double Friction
Top Gear Teeth	53 T
Capacity	14 T
Mounting	Band
Band Diameter	(M) 31.8 / (S)28.6mm
Cable Routing	(B) Bottom Pull
Band & Brazed on	Steel
Outer Link	Steel
Inner Link	Steel
Chain Guide	Steel
Applicable Chainline	45mm
Chain Stay Angle	63~66°
Average Weight	150g