



Mountain Bike Series

Axle System Exchangeable



M15F-QR5/9/15/20



M13R -QR5/10/12/X12

Specification:	<u>MTB Front Hub</u>	<u>MTB Rear Hub</u>
Axle Size (length)	108/100/100/110 mm	145/135/135/142 mm
O.L.D.	100/100/100/110 mm	135/135/135/142 mm
Spoke Holes	24/28/32	24/28/32
Bearings	2	4
Spoke Gauge	13G/14G - J Bend	13G/14G - J Bend
Chain Line Offset	5.05/4.55/4.55/4.45 mm	5.5/8.1/8.1/7.7 mm
Material	AL6061 (Body) AL7075 (Axle)	AL6061 (Body) AL7075 (Axle ; Cassette)
Brake Type	Disk Brake	Disk Brake
Anodizing	Optional (Body)	Optional (Body) Blue (Cassette)
Weight	160g/171g/154g/149g±5%	250g/248g/234g/235g±5%
Freehub Body		3/6 pawls

For Shimano - 9 10 11 speed

Sram XXI XD - 11 speed

Notes:

1. Customized demands are available.
2. Cassette is HubsMaster 's patented design.
3. Product s are compliant with JIS (Japan) , CNS (Taiwan) and EN (EU) requirements.
4. The bearing such as E nduro, EZO is also available as optional selection.