

AI-01630 Thru Axle Information Gravel

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Explain the following thru axle information

Thru Axle

Front-L-131mm, TL-20mm, TP-M12

Rear-L-163mm, TL-17mm, TP-M12

This thru axle information provides specifications for the front and rear thru axles of a bicycle. Here’s a breakdown of what each part means:

Front Thru Axle

- L-131mm: The overall length of the axle is 131 millimeters.
- TL-20mm: The threaded length (the portion with threads) is 20 millimeters.
- TP-M12: The thread pitch and diameter are M12, meaning a 12mm diameter axle with a standard metric thread pitch (usually 1.0mm unless otherwise specified).

Rear Thru Axle

- L-163mm: The overall length of the axle is 163 millimeters.
- TL-17mm: The threaded length is 17 millimeters.
- TP-M12: Again, this is a 12mm diameter axle with metric threading.

Summary Table

Position	Length (L)	Thread Length (TL)	Thread Pitch (TP)
Front	131 mm	20 mm	M12

Rear	163 mm	17 mm	M12
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These specs are crucial if you're replacing axles or checking frame compatibility with wheels, especially for thru-axle designs that are not universally standardized. If you're ordering replacements or spare axles, you'd need to match all three parameters for a proper fit.