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Front Wheel

16"

Tire Size	Rim (inch)
110/90-16	2.15 - 3.00
120/80-16	2.50 - 3.00
130/70-16	3.50 - 4.00
130/90-16	2.50 - 3.50
150/80-16	3.00 - 4.00

17"

Tire Size	Rim (inch)
110/70-17	3.00 - 3.50
110/80-17	2.15 - 3.00
120/60-17	3.50 - 3.75
120/70-17	2.75 - 3.75
120/80-17	2.50 - 3.00
120/90-17	2.50 - 3.00
140/80-17	3.00-4.00
150/80-17	3.00 - 4.25

18"

Tire Size	Rim (inch)
100/90-18	2.15 - 2.75
110/80-18	2.15 - 3.00
110/90-18	2.15 - 3.00
120/70-18	3.00 - 3.75
120/90-18	2.50 - 3.00
130/60-18	3.50 - 4.00
130/70-18	3.00 - 4.00
140/70-18	3.00 - 4.50

19"

Tire Size	Rim (inch)
90/90-19	1.85 - 2.50
100/90-19	2.15 - 2.75
110/90-19	2.15 - 3.00
120/70-19	3.00 - 3.75
130/60-19	3.00 - 3.75

20"

Tire Size	Rim (inch)
120/70-20	3.5
140/60-20	3.75
150/55-20	4.5

21"

Tire Size	Rim (inch)
80/90-21	1.60 - 2.15
90/90-21	1.85 - 2.50
120/70-21	3.00 - 3.75
130/60-21	3.00 - 4.00
140/70-21	3.00 - 3.75

23"

Tire Size	Rim (inch)
120/70-23	3.50 - 4.00
130/50-23	3.50 - 4.00
130/60-23	3.00 - 3.75

26"

Tire Size	Rim (inch)
120/50-26	3.50-3.75
120/55-26	3.50-3.75

24"

Tire Size	Rim (inch)
130/70-24	4

30"	
Tire Size	**Rim (inch)**
140/40-30	4

Rear Wheel

15"	
Tire Size	Rim (inch)
130/90-15	2.50 - 3.50
140/80-15	2.75 - 3.75
140/90-15	2.75 - 3.75
150/80-15	3.00 - 4.25
150/90-15	3.00 - 4.00
170/80-15	3.50 - 5.00
180/70-15	4.25 - 5.50
200/70-15	5.50 - 6.50
230/60-15	5.50 - 7.00

16"	
Tire Size	Rim (inch)
130/90-16	2.50 - 3.50
140/90-16	2.75 - 3.75
150/80-16	3.00 - 4.00
160/80-16	3.50 - 4.50
170/70-16	4.25 -5.50
180/60-16	4.50 - 5.50
180/65-16	4.50 - 5.50
180/70-16	5.00 - 6.00
200/60-16	5.50 - 6.25
240/50-16	7.00 - 8.00

17"	
Tire Size	Rim (inch)
120/90-17	2.50 - 3.00
130/90-17	2.50 - 3.50
140/70-17	3.50 - 4.50
140/80-17	2.75 - 4.00
150/60-17	4.00 - 4.75
150/70-17	4.25 -4.50
160/60-17*	4.25 - 5.50
160/70-17	3.75 - 5.00
170/60-17	4.25 - 5.50
180/55-17	5.50 - 6.00
180/60-17**	4.50 - 5.5
190/50-17	6.00 - 6.50
190/55-17	6.00 - 6.50
190/60-17	5.00 - 6.00
200/50-17	6.00 - 6.50
200/55-17	6.00 - 6.50
210/50-17	6.00 - 7.00
300/35-17	10.0 - 11.0
330/30-17	11.0 - 12.5

18"			20"			21"	
Tire Size	Rim (inch)		Tire Size	Rim (inch)		Tire Size	Rim (inch)
110/90-18	2.15 -3.00		140/60-20	3.75		200/70-21	6.25
120/90-18	2.50 - 3.00		150/55-20	4.5		260/35-21	9
130/80-18	2.50 - 3.50		200/40-20	6.00 - 7.00			
140/70-18	3.00 - 4.50		220/50-20	6.50 - 7.50			
150/70-18	3.50 - 4.50		280/40-20	9.50 - 10.5			
160/60-18	4.25 - 5.00						
170/60-18	4.00 - 5.00						
180/55-18	5.50 - 6.00						
200/50-18	5.50 - 6.50						
200/55-18	5.50 - 6.50						
210/40-18	7.00 - 8.00						
240/40-18	8.00 - 9.00						
250/40-18	8.50 - 9.50						
260/35-18	8.50 - 9.50						
260/40-18	8.50 - 9.50						
280/35-18	9.50 - 10.5						
300/35-18	10.0 - 11.0						
310/35-18	10.0 - 11.0						
360/30-18	13						

* 160/60-17 will fit 17x5.5 rim on Metzeler Sport Tire, all other 160/60-17 will fit on rim 4.25-5.00 in wide

** Only 180/60-17 Dunlop GT502 , Pirelli Night Dragon and Michelin Scorcher 31 tire fits on 17x4.5 rim

Some of the motorcycle tires have a lettering designation. The millimeter(mm) equivalent for it: MH - 80mm, MJ - 90mm, MM - 100mm, MN - 110mm, MP - 110mm, MR - 120mm, MT - 130mm, MU - 140mm, MV - 150mm

For example MU90-16 - 140mm wide, 90% profile, 16" rim To convert from millimeters to inches divide by 25.4 (1"=25.4mm)

Correct rim width may be critical to handling and stability. A tire which is installed on a wider than recommended rim will have a "flattened" profile, and a rider may easily reach the edge of the tread during cornering. A narrow rim will alter the tire profile, with a smaller contact patch during braking. Fitment to these rims may result in slippage or air loss. And roughly each additional 0.5" of rim width will be approximately 0.25" more in each tire width

Tire Diameter Calculation (Just for information) Most of the bikers will want to know a tire diameter (measured in inches). This formula is a quick way to get the tire diameter of those metric tires that are common on just about everything stock. For example a 200/55R18 would be around 26.7 inches tall and 7.9 (200mm/25.4) inches wide. Enter any three of the numbers into this formula to solve for the fourth. "R" means Radial and "B" means Bias tire. The bigger number (on the left) is the Section Width in millimeters (1"=25.4mm). The number to the right of the slash ("/") is the Aspect Ratio (percent of width). The "R" means Radial tire and the last number, far right, is the rim diameter in inches.

Tire Diameter = Rim Diameter + (2 x Aspect Ratio x Section Width) / 25.4

Example (200/55R18 tire): Tire Diameter = 18 + (2 x 0.55 x 200) / 25.4 = 26.7 in