

# Tire Application Chart



Class 1 through 4			
	Tire Size	Weight	
14	215/75R14	4oz	17
	205/70R14	4oz	
	215/70R14	4oz	
	700R15	4oz	
	7.50R15	6oz	
	8.25R15	6oz	
	9R15	8oz	
	10R15	8oz	
	215/80R15	4oz	
	195/75R15	4oz	
15	205/75R15	4oz	
	215/75R15	4oz	
	225/75R15	4oz	
	235/75R15	4oz	
	245/75R15	4oz	
	255/75R15	4oz	
	265/75R15	4oz	
	235/70R15	4oz	
	245/70R15	4oz	
	255/70R15	4oz	
16	265/70R15	4oz	
	285/70R15	4oz	
	315/70R15	6oz	
	245/65R15	4oz	
	225/60R15	4oz	
	325/60R15	6oz	
	6.5R16	4oz	
	7.50R16	4oz	
	8.25R16	6oz	
	11R16	8oz	
16.5	215/85R16	4oz	
	225/85R16	4oz	
	245/85R16	4oz	
	255/85R16	4oz	
	265/85R16	6oz	
	275/85R16	6oz	
	205/80R16	4oz	
	325/80R16	6oz	
	175/75R16	4oz	
	195/75R16	4oz	
17	225/75R16	4oz	
	235/75R16	4oz	
	245/75R16	4oz	
	265/75R16	6oz	
	285/75R16	6oz	
	215/85R16	4oz	
	225/85R16	4oz	
	245/85R16	4oz	
	255/85R16	4oz	
	275/85R16	6oz	
17.5	205/80R16	4oz	
	225/80R16	4oz	
	235/80R16	4oz	
	285/60R16	4oz	
	255/55R16	4oz	
	315/55R16	4oz	
	345/55R16	6oz	
	355/55R16	6oz	
	375/55R16	6oz	
	245/50R16	4oz	
18	8R16.5	6oz	
	8.75R16.5	6oz	
	9.50R16.5	6oz	
	10R16.5	6oz	
	12R16.5	6oz	
	235/80R17	6oz	
	235/75R17	6oz	
	245/75R17	6oz	
	255/75R17	6oz	
	245/70R17	6oz	
18.5	255/70R17	6oz	
	265/70R17	6oz	
	275/70R17	6oz	
	285/70R17	6oz	
	225/70R16	4oz	
	235/70R16	4oz	
	245/70R16	4oz	
	255/70R16	4oz	
	265/70R16	4oz	
	305/70R16	4oz	
19	285/70R16	4oz	
	275/70R16	4oz	
	315/70R16	6oz	
	355/70R16	6oz	
	365/70R16	6oz	
	395/70R16	6oz	
	195/65R16	4oz	
	215/65R16	4oz	
	225/65R16	4oz	
	245/65R16	4oz	
20	255/65R16	4oz	
	305/65R16	4oz	
	345/65R16	6oz	
	375/65R16	6oz	
	225/60R17	4oz	
	235/60R17	4oz	
	255/60R17	6oz	
	275/60R17	6oz	
	285/60R17	6oz	
	225/55R17	6oz	
21	275/55R17	6oz	
	345/55R17	6oz	
	255/50R17	6oz	
	8R17.5	6oz	
	8.5R17.5	6oz	
	9R17.5	6oz	
	9.5R17.5	8oz	
	10R17.5	8oz	
	11R17.5	8oz	
	225/90R17.5	8oz	
22	205/80R17.5	8oz	
	225/80R17.5	8oz	
	205/75R17.5	6oz	
	215/75R17.5	6oz	
	225/75R17.5	6oz	
	235/75R17.5	6oz	
	245/75R17.5	6oz	
	195/70R17.5	6oz	
	215/70R17.5	6oz	
	235/70R17.5	6oz	
23	195/60R17.5	6oz	
	205/60R17.5	6oz	
	225/60R17.5	6oz	
	7.50R18	8oz	
	255/70R18	6oz	
	265/60R18	6oz	
	275/60R18	6oz	
	285/60R18	6oz	
	325/60R18	6oz	
	375/60R18	8oz	
24	395/60R18	8oz	
	255/55R18	6oz	
	275/55R18	6oz	
	285/55R18	6oz	
	285/50R18	6oz	
	375/50R18	6oz	
	255/55R19	4oz	
	255/50R19	4oz	
	275/45R19	4oz	
	285/45R19	4oz	
25	325/75R20	8oz	
	275/65R20	6oz	
	275/60R20	6oz	
	325/60R20	6oz	
	255/60R20	6oz	
	275/55R20	4oz	
	285/55R20	4oz	
	255/50R20	4oz	
	285/50R20	4oz	
	305/50R20	6oz	
26	325/50R20	6oz	
	355/50R20	6oz	
	325/45R20	6oz	
	275/40R20	6oz	
	315/35R20	6oz	
	325/55R22	6oz	
	335/55R22	6oz	
	325/50R22	6oz	
	305/45R22	6oz	
	305/40R22	6oz	
27	285/35R22	6oz	
	325/45R24	6oz	



Ken-Tool  
Balancing Beads



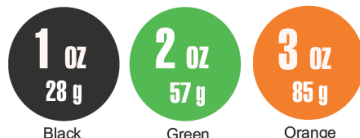
## Motorcycle Tire Application

**Front Tires:**  
80 - 120mm tire width - 1oz  
(spoked rims require 2oz)  
Tires 130 mm wide and greater are - 2oz

*"Sport bike with race tires exceeding 100 mph start with 1/4 oz and add if needed"*



**Rear Tires:**  
Tires 130mm to 240mm width - 2oz  
250mm - 360mm wide tires take - 3oz  
Car Tires 195-205 wide take - 3oz



## Dual Purpose - Off road with rim locks

**Front Tires:**  
82 - 120mm tire width - 2oz  
**Rear Tires:**  
130 - 230mm tire width - 3oz



## Scooters



10" diameter wheels - 1oz  
12" & up diameter wheels - 2oz





# KEN-TOOL BALANCING BEADS

For almost 100 years, Ken-Tool has been a trusted brand in the tire service industry. We've taken that wheel end expertise and are now proud to introduce our new Ken-Tool Balancing Beads, which offer complete wheel end balancing.

A simple cost-effective alternative to spin balancing is to simply install Ken-Tool Balancing Beads. Our easy to use drop in bag saves time and money on new tire installation and can be injected through the valve stem to completely balance the axle end on existing vehicles without dismounting the tire and wheel.

Our uniqueness in the marketplace is the memory technology that keeps our beads stabilized which provides a completely balanced axle end in all wheel positions not just highway speeds. This product always responds to correct either a sudden or progressive change in a state of balance conditions.

Spin Balancing and Machine Balancing only balance half of the axle end, meaning the tire and wheel. Ken-Tool Balancing Beads balance the complete axle end...the tire, the wheel and all the moving components of the wheel assembly (Hub, Brake Drum, etc...), not just the tire and wheel.

## Ken-Tool Balancing Beads features and benefits:

- Balances the complete wheel end for the life of the tire.
- Elimination of expensive balancing equipment and wheel weight inventory.
- Easy to use, drop in bag or install through valve stem.
- TPMS compatible
- Specially coated Ken-Tool Balancing Beads repel moisture and avoid clumping



## Facts about tire balancing:

- Tire and wheel manufacturers recommend balancing as referenced by TMC, RP214.
- Improved fuel economy by 2-3%
- Extends Tire Life on average 30%
- Reduces irregular tread wear
- Reduces rolling resistance
- Reduces vibration, enhancing driver comfort.
- Increased life of axle end components and steering assemblies.

Ken-Tool Balancing Beads have you covered from motorcycle, passenger, light truck, off Road and class 5-8 vehicles.

Bead Injection Tool can be used for easy installation into the valve stem -- #31600

## PART NUMBER LIST FOR CASES

31601 -- Case of 160 -- 1 oz bags  
 31602 -- Case of 128 -- 2 oz bags  
 31603 -- Case of 96 -- 3 oz bags  
 31604 -- Case of 92 -- 4 oz bags  
 31606 -- Case of 64 -- 6 oz bags

31608 -- Case of 52 -- 8 oz bags  
 31610 -- Case of 40 -- 10 oz bags  
 31612 -- Case of 36 -- 12 oz bags  
 31614 -- Case of 32 -- 14 oz bags  
 31616 -- Case of 28 -- 16 oz bags

\*Individual bags available

# Tire Application Chart

Medium Duty Truck	Class 5	Heavy Duty Truck & Bus	Class 7
	16,001 lbs to 19,000 lbs		26,001 lbs to 33,000 lbs
	Class 6		Class 8
	19,001 lbs to 26,000 lbs		33,001 lbs to 105,000+ lbs

Class 5 through 8		
	Tire Size	Weight
19.5	8R19.5	8oz
	9R19.5	8oz
	18R19.5	14oz
	280/75R19.5	8oz
	285/75R19.5	8oz
	225/70R19.5	8oz
	245/70R19.5	8oz
	265/70R19.5	8oz
	275/70R19.5	10oz
	285/70R19.5	10oz
	305/70R19.5	12oz
	385/65R19.5	14oz
445/65R19.5	14oz	
20	7.50R20	10oz
	8.25R20	10oz
	9.00R20	12oz
	10.00R20	12oz
	11R20	14oz
	12.00R20	14oz
	12.5R20	14oz
	14/80R20	14oz
	14.00R20	16oz
	365/80R20	16oz
	395/80R20	16oz
	525/65R20.5	20oz
20.5	615/65R20.5	20oz
	10.00R22	12oz
22	11.00R22	12oz
	9R22.5	10oz
22.5	10R22.5	10oz
	11R22.5	12oz
	12R22.5	14oz
	13R22.5	12oz
	15R22.5	12oz
	16R22.5	14oz
	16.5R22.5	14oz
	18R22.5	16oz
	235/80R22.5	6oz
	255/80R22.5	8oz
	275/80R22.5	12oz
	295/80R22.5	14oz
24	315/80R22.5	14oz
	365/80R22.5	14oz
	245/75R22.5	10oz
	265/75R22.5	10oz
	285/75R22.5	12oz
	295/75R22.5	12oz
	315/75R22.5	12oz
	345/75R22.5	12oz
	350/75R22.5	14oz
	235/70R22.5	8oz
	255/70R22.5	10oz
	11/70R22.5	10oz
265/70R22.5	10oz	
24.5	275/70R22.5	12oz
	305/70R22.5	12oz
	315/70R22.5	12oz
	365/70R22.5	12oz
	365/65R22.5	12oz
	385/65R22.5	12oz
	425/65R22.5	14oz
	445/65R22.5	16oz
	285/60R22.5	10oz
	295/60R22.5	10oz
	305/60R22.5	10oz
	315/60R22.5	10oz
385/55R22.5	12oz	
455/55R22.5	16oz	
275/50R22.5	10oz	
445/50R22.5	16oz	
25	11.00R24	14oz
	12.00R24	14oz
	14.00R24	16oz
	445/70R24	16oz
	495/70R24	16oz
	11R24.5	12oz
	12R24.5	14oz
	285/75R24.5	12oz
	305/75R24.5	12oz
	315/75R24.5	12oz
	275/80R24.5	12oz
	295/80R24.5	12oz



## Special Application

Off Road      Lifted Pickups

Weight	Tire Size	Weight	Tire Size	Weight	
15	27/8.5R14	3oz	16	33/12.50R16	6oz
	29/9.50R15	6oz		34/12.50R16	6oz
	30/9R15	6oz		35/12.50R16	6oz
	33/9.50R15	6oz		36/12.50R16	8oz
	31/10.50R15	6oz		37/12.50R16	8oz
	33/10.50R15	6oz		33/14.50R16	8oz
	31/11.50R15	6oz		36/14.50R16	10oz
	32/11.50R15	6oz		31/10.50R16.5	6oz
	31/12.50R15	6oz		33/12.50R16.5	6oz
	32/12.50R15	6oz		35/12.50R16.5	6oz
	33/12.50R15	6oz		37/12.50R16.5	8oz
	35/12.50R15	6oz		33/14.50R16.5	8oz
15	36/12.50R15	8oz	16.5	35/14.50R16.5	8oz
	37/12.50R15	8oz		38/15.50R16.5	10oz
	35/13.50R15	8oz		33/16.50R16.5	8oz
	31/14.50R15	6oz		36/16.50R16.5	10oz
	33/14.50R15	8oz		40/17B16.5	10oz
	36/14.50R15	10oz		44/18.50B16.5	12oz
	38/15.50R15	10oz		33/12.50R17	6oz
	33/16.50R15	8oz		35/12.50R17	6oz
	36/16.50R15	10oz		37/12.50R17	8oz
	40/17B15	10oz		37/13.50R17	10oz
	44/18.50B15	12oz		40/13.50R17	10oz
	16	32/9.50R16		6oz	18
35/10.50R16		6oz	37/12.50R18	8oz	
31/12.50R16		6oz	35/12.50R20	6oz	
32/12.50R16		6oz	37/12.50R20	8oz	

