

Sizes & Specs - g-Force T/A™ KDWS

Tire Size	Service Description	Sidewall	MSPN	Rim Width Range (inches)	Section Width on Measuring Rim Width	Overall Diameter	Tread Depth (in/32nds)	Revs/Mile at 45 mph	Max Load (lbs @psi)	Original Equipment
245/45ZR17	95W	BSW	74062	7.5 - 9	9.6 on 8	25.7	10	810	1521@44	GM
255/50ZR17	101W	BSW	72668	7 - 9	10.4 on 8	27.1	10	768	1819@44	
P215/45ZR18	89W	BSW	21159	7 - 8	8.39 on 7	25.63	10	812	1279@51	T
235/50ZR18	97W	BSW	64168	6.5 - 8.5	9.6 on 8	27.2	9.5	759	1609@44	F
245/55ZR18	103W	BSW	40913	7 - 8.5	9.9 on 8	28.5	9.5	724	1929@44	F

Original Equipment Key: F= Ford, GM= General Motors, T=Toyota

- The sizes shown are average design values for tires measured on specified measuring rim widths. Some tires may vary from this value by +/-3% of the section height (affecting overall diameter), and +/-4% of the section width.
- Section width varies approximately 0.2" (5mm) for every 0.5" change in rim width.

WARNING: Serious or fatal injury may result from tire failure due to underinflation or overloading. To ensure correct air pressure and vehicle load, refer to vehicle owner's manual or tire information placard on the vehicle. Serious injury or death may result from explosion of tire/rim assembly due to improper mounting. Only tire professionals should mount tires and they should never inflate beyond 40 psi to seat the beads. Before mixing types of tires in any configuration on any vehicle, be sure to check the vehicle owner's manual for its recommendations.

DANGER: Never mount a 16" diameter tire on a 16.5" rim.

DANGER: Never mount a 17" diameter tire on a 17.5" rim.

Inflation pressure increase must not exceed the maximum pressure branded on the tire sidewall. When a customer requests a replacement tire with a lower speed rating than the original equipment tire, you must clearly communicate to him or her that the handling of the vehicle may be different, and that its maximum speed capability is limited to that of the lowest speed-rated tire on the vehicle. Exceeding the lawful speed limit is neither recommended nor endorsed.

For high-speed driving, additional inflation pressure and possibly reduced tire loading and/or upsizing is required. In the absence of specific recommendations by the vehicle manufacturer, use the following guidelines based on those in the European Tyre and Rim Technical Organization Standards Manual.

For speeds over 160km/h (100 mph), load and inflation must be adjusted according to the table below.

W-Speed Rated Sizes:

Maximum Speed (mph) 118 124 130 136 143 149 155 161 168

Inflation Increase (psi) 0 1.5 3.0 4.5 6.0 7.5 7.5 7.5 7.5

Load Capacity (% of max) 100 100 100 100 100 100 95 90 85

Uniform Tire Quality Grading (UTQG) Ratings

The **Uniform Tire Quality Grading Ratings (UTQG)** is a tire information system designed to help you make the relative comparisons among all passenger car tires. The UTQG rating tells you about the tire's treadwear, traction, and temperature grades.

Size	Treadwear	Traction	Temperature
245/45ZR17	400	AA	A
255/50ZR17	400	AA	A
P215/45ZR18	400	AA	A
235/50ZR18	400	AA	A
245/55ZR18	400	AA	A