

## Sizes & Specs - g-Force T/A™ KDW

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	Tread Pattern
205/40ZR16/XL	83W	BSW	90078	7 - 8	8.4 on 7.5	22.4	10	927	1074@50		NT, DIR
205/45ZR16/XL	87W	BSW	71146	6.5 - 7.5	8.1 on 7	23.1	10	899	1202@50		NT, DIR
205/50ZR16	87W	BSW	86547	5.5 - 7.5	8.4 on 6.5	24.1	10	865	1202@44		NT, DIR
205/55ZR16	91Y	BSW	08847	5.5 - 7.5	8.43 on 6.5	24.88	10	836	1356@44		NT, DIR
215/40ZR16/XL	86W	BSW	93128	7 - 8.5	8.6 on 7.5	23	10	903	1168@50		NT, DIR
225/45ZR16	89W	BSW	84309	7 - 8.5	8.9 on 7.5	23.7	10	876	1279@51		NT, DIR
225/50ZR16	92Y	BSW	30005	6 - 8	9.17 on 7	24.88	10	836	1388@44		NT, DIR
225/55ZR16	95Y	BSW	17082	6 - 8	9.17 on 7	25.75	10	808	1521@44		NT, DIR
205/40ZR17/XL	84Y	BSW	86358	7 - 8	8.1 on 7.5	23.5	10	885	1102@50		NT, DIR
205/45ZR17/XL	88Y	BSW	44287	6.5 - 7.5	8.1 on 7	24.3	10	858	1235@50		NT, DIR
205/50R17/XL	93Y	BSW	79712	5.5 - 7.5	8.2 on 6.5	25.4	10	819	1433@50	DC	NT, DIR
215/40ZR17/XL	87Y	BSW	41083	7 - 8.5	8.7 on 7.5	23.7	10	876	1202@50		NT, DIR
215/45R17/XL	91Y	BSW	40190	7 - 8	8.5 on 7	24.6	10	846	1356@50		NT, DIR
215/50ZR17	91Y	BSW	93358	6 - 7.5	8.9 on 7	25.5	10	815	1356@50		NT, DIR
225/45ZR17	90Y	BSW	67379	7 - 8.5	8.9 on 7.5	25	10	832	1323@44		NT, DIR
225/50ZR17	94Y	BSW	77326	6 - 8	9.17 on 7	25.91	10	803	1477@50		NT, DIR
235/40ZR17/XL	94Y	BSW	53580	8 - 9.5	9.4 on 8.5	24.4	10	852	1477@50		NT, DIR
235/45ZR17	94Y	BSW	93696	7.5 - 9	9.29 on 8	25.35	10	821	1477@50		NT, DIR
235/50ZR17	96Y	BSW	28538	6.5 - 8.5	9.65 on 7.5	26.3	10	791	1565@51		NT, DIR
235/55ZR17	99Y	BSW	11415	6.5 - 8.5	9.65 on 7.5	27.17	10	766	1709@51		NT, DIR
245/40ZR17	91Y	BSW	88828	8 - 9.5	9.7 on 8.5	24.7	10	841	1356@44		NT, DIR
245/45ZR17	95Y	BSW	88499	7.5 - 9	9.57 on 8	25.67	10	810	1521@51		NT, DIR
255/40ZR17	94Y	BSW	94564	8.5 - 10	10.2 on 9	25.2	10	825	1477@44		NT, DIR
275/40ZR17	98Y	BSW	17970	9 - 11	10.94 on 9.5	25.67	10	810	1653@44		NT, DIR
275/40ZR17	98Y	BSW	42899	9 - 11	10.9 on 9.5	25.7	10	810	1653@44		TT, DIR
215/35ZR18/XL	84Y	BSW	79613	7 - 8.5	8.5 on 7.5	23.9	10	870	1102@50		NT, DIR
215/40ZR18	85Y	BSW	88309	7 - 8.5	8.7 on 7.5	24.7	10	841	1135@44		NT, DIR
225/35R18/XL	87Y	BSW	70256	7.5 - 9	9.1 on 8	24.3	10	856	1202@50		NT, DIR
225/40R18/XL	92Y	BSW	61972	7.5 - 9	9.1 on 8	25.1	10	829	1388@50		NT, DIR
225/45ZR18	91Y	BSW	86741	7 - 8.5	8.9 on 7.5	25.9	10	802	1356@51		NT, DIR
235/35ZR18/XL	90Y	BSW	86721	8 - 9.5	9.4 on 8.5	24.5	10	851	1323@50		NT, DIR
235/40ZR18/XL	95Y	BSW	97900	8 - 9.5	9.5 on 8.5	25.4	10	819	1521@50		NT, DIR
235/50ZR18	97Y	BSW	49336	6.5 - 8.5	9.6 on 7.5	27.3	10	762	1609@51		NT, DIR
245/35ZR18	88Y	BSW	63734	8 - 9.5	9.8 on 8.5	24.7	10	841	1235@51		NT, DIR
245/40ZR18	93Y	BSW	68815	8 - 9.5	9.6 on 8.5	25.7	10	809	1433@44		NT, DIR
245/45ZR18	96Y	BSW	84649	7.5 - 9	9.5 on 8	26.8	10	777	1565@51		NT, DIR
255/35ZR18/XL	94Y	BSW	70126	8.5 - 10	10.2 on 9	25	10	833	1477@50		NT, DIR
255/40ZR18	95Y	BSW	85761	8.5 - 10	10.2 on 9	26	10	801	1521@51		NT, DIR
255/45ZR18	99Y	BSW	84296	8 - 9.5	10.1 on 8.5	27	10	769	1709@51		NT, DIR
265/35ZR18	93Y	BSW	97867	9 - 10.5	10.7 on 9.5	25.3	10	822	1433@44		NT, DIR
275/35ZR18	95Y	BSW	46785	9 - 11	10.9 on 9.5	25.6	10	814	1521@51		NT, DIR
275/40ZR18	99Y	BSW	76132	9 - 11	10.94 on 9.5	26.65	10	780	1709@51		NT, DIR

275/40ZR18	99Y	BSW	41503	9 - 11	10.9 on 9.5	26.7	10	779	1709@44		TT, DIR
285/30ZR18/XL	97Y	BSW	84124	9.5 - 10.5	11.5 on 10	24.8	10	840	1609@50		NT, DIR
285/40ZR18	101Y	BSW	84932	9.5 - 11	11.4 on 10	27	10	771	1819@51		NT, DIR
285/60R18/XL	120V	BSW	76315	8 - 10	11.2 on 8.5	31.5	10	660	2805@50 *		NT, DIR
295/35ZR18	99Y	BSW	88175	10 - 11.5	11.9 on 10.5	26.1	10	798	1709@51		NT, DIR
335/30ZR18	102Y	BSW	58900	11.5 - 12.5	13.5 on 12	25.9	10	802	1874@51		NT, DIR
215/35ZR19/XL	85Y	BSW	93396	7 - 8.5	8.5 on 7.5	24.9	10	835	1135@50		NT, DIR
225/35ZR19/XL	88Y	BSW	77664	7.5 - 9	9.1 on 8	25.2	10	824	1235@50		NT, DIR
235/35ZR19/XL	91Y	BSW	76922	8 - 9.5	9.3 on 8.5	25.5	10	816	1356@50		NT, DIR
245/35R19/XL	93Y	BSW	98647	8 - 9.5	9.8 on 8.5	25.8	10	806	1433@50		NT, DIR
245/40ZR19/XL	98Y	BSW	96340	8 - 9.5	9.8 on 8.5	26.8	10	777	1653@50		NT, DIR
255/35ZR19/XL	96Y	BSW	96121	8.5 - 10	10.2 on 9	26	10	799	1565@50		NT, DIR
265/30ZR19/XL	93Y	BSW	95089	9 - 10	10.7 on 9.5	25.4	10	820	1433@50		NT, DIR
275/35ZR19	96Y	BSW	86557	9 - 11	10.9 on 9.5	26.5	10	784	1565@51		NT, DIR
285/35ZR19	99Y	BSW	97373	9.5 - 11	11.6 on 10	26.7	10	778	1709@44		NT, DIR
295/35ZR19	100Y	BSW	86811	10 - 11.5	11.9 on 10.5	27	10	769	1764@51		NT, DIR
225/30ZR20/XL	85W	BSW	84431	8 - 8	8.9 on 8	25.5	10	815	1135@50		NT, DIR
225/35ZR20/XL	90Y	BSW	44959	7.5 - 9	9.06 on 8	26.22	10	793	1323@50		NT, DIR
245/30ZR20/XL	90W	BSW	92177	8 - 9	9.7 on 8.5	26	10	901	1323@50		NT, DIR
245/35ZR20/XL	95W	BSW	96751	8 - 9.5	9.7 on 8.5	26.8	10	777	1521@50		NT, DIR
245/40ZR20	95Y	BSW	72146	8 - 9.5	9.8 on 8.5	27.7	10	750	1521@44		TT, DIR
255/30ZR20/XL	92Y	BSW	97871	8.5 - 9.5	10.4 on 9	26.1	10	798	1389@50		NT, DIR
255/35ZR20/XL	97W	BSW	91690	8.5 - 10	10.4 on 9	27	10	769	1609@50		NT, DIR
255/35ZR20	93Y	BSW	49407	8.5 - 10	10.2 on 9	27	10	770	1433@44		TT, DIR
265/30ZR20/XL	94W	BSW	44477	9 - 10	10.7 on 9.5	26.3	10	791	1477@50		NT, DIR
265/35ZR20/XL	99W	BSW	95451	9 - 10.5	10.6 on 9.5	27.3	10	761	1709@50		NT, DIR
265/50R20/XL	111V	BSW	81848	7.5 - 9.5	10.9 on 8.5	30.4	10	684	2184@50 *		NT, DIR
275/35ZR20	98Y	BSW	63300	9 - 11	10.9 on 9.5	27.6	10	755	1653@44		TT, DIR
285/30ZR20/XL	99Y	BSW	93701	9.5 - 10.5	11.5 on 10	26.7	10	778	1709@50		NT, DIR
285/55R20/XL	119V	BSW	87929	8 - 10	11.2 on 9	32.3	10	644	2725@50 *		NT, DIR
295/40ZR20	106Y	BSW	59160	10 - 11.5	12 on 10.5	29.5	10	706	2094@44		TT, DIR
295/45R20/XL	114V	BSW	83036	9.5 - 11	11.6 on 10	30.5	10	682	2365@50 *		NT, DIR
285/35ZR22/XL	106W	BSW	67782	9.5 - 11	11.2 on 10	29.9	10	696	1904@50 *		NT, DIR
305/40ZR22/XL	114W	BSW	62658	10 - 12	12.4 on 11	31.5	10	660	2365@50 *		NT, DIR
LT325/55R22/D	120H	BSW	55283	9 - 12	13.2 on 10	36.1	11	576	3085@50		NT, DIR
305/35R24/XL	112W	BSW	58378	10 - 12	12.1 on 10.5	32.6	10	638	2245@50 *		NT, DIR

Original Equipment Key: DC = Daimler-Chrysler, F = Ford

TT=Traditional Tread, NT = New Tread

XL = Extra Load

\* Passenger sizes used in Light Truck/SUV applications have reduced load capacity. This will differ from the maximum load branded on the tire sidewall.

Government UTQG Ratings do not apply to light truck sized tires.

1. 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.

2. 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.

**H-Speed Rated Sizes:**

Maximum Speed (mph) 100 106 112 118 124 130  
 Inflation Increase (psi) 0.0 1.0 2.0 3.0 4.0 5.0  
 Load Capacity (% of max.) 100 100 100 100 100 100

**V-Speed Rated Sizes:**

Maximum Speed (mph) 100 106 112 118 124 130 136 143 149  
 Inflation Increase (psi) 0 1 2 3 4 5 5 5 5  
 Load Capacity (% of max) 100 100 100 100 100 100 97 94 91

**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

**Y-Speed Rated Sizes:**

Maximum Speed (mph) 118 124 130 136 143 149 155 161 168 174 180 186  
 Inflation Increase (psi) 0 0 0 1.5 3 4.5 6 7.5 7.5 7.5 7.5  
 Load Capacity (% of max) 100 100 100 100 100 100 100 100 100 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
205/40ZR16/XL	300	AA	A
205/45ZR16/XL	300	AA	A
205/50ZR16	300	AA	A
205/55ZR16	300	AA	A
215/40ZR16/XL	300	AA	A
225/45ZR16	300	AA	A
225/50ZR16	300	AA	A
225/55ZR16	300	AA	A

205/40ZR17/XL	300	AA	A
205/45ZR17/XL	300	AA	A
205/50R17/XL	300	AA	A
215/40ZR17/XL	300	AA	A
215/45R17/XL	300	AA	A
215/50ZR17	300	AA	A
225/45ZR17	300	AA	A
225/50ZR17	300	AA	A
235/40ZR17/XL	300	AA	A
235/45ZR17	300	AA	A
235/50ZR17	300	AA	A
235/55ZR17	300	AA	A
245/40ZR17	300	AA	A
245/45ZR17	300	AA	A
255/40ZR17	300	AA	A
275/40ZR17	300	AA	A
275/40ZR17	300	AA	A
215/35ZR18/XL	300	AA	A
215/40ZR18	300	AA	A
225/35R18/XL	300	AA	A
225/40R18/XL	300	AA	A
225/45ZR18	300	AA	A
235/35ZR18/XL	300	AA	A
235/40ZR18/XL	300	AA	A
235/50ZR18	300	AA	A
245/35ZR18	300	AA	A
245/40ZR18	300	AA	A
245/45ZR18	300	AA	A
255/35ZR18/XL	300	AA	A
255/40ZR18	300	AA	A
255/45ZR18	300	AA	A
265/35ZR18	300	AA	A
275/35ZR18	300	AA	A
275/40ZR18	300	AA	A
275/40ZR18	300	AA	A
285/30ZR18/XL	300	AA	A
285/40ZR18	300	AA	A
285/60R18/XL	300	AA	A
295/35ZR18	300	AA	A
335/30ZR18	300	AA	A
215/35ZR19/XL	300	AA	A
225/35ZR19/XL	300	AA	A
235/35ZR19/XL	300	AA	A
245/35R19/XL	300	AA	A
245/40ZR19/XL	300	AA	A
255/35ZR19/XL	300	AA	A
265/30ZR19/XL	300	AA	A
275/35ZR19	300	AA	A
285/35ZR19	300	AA	A

295/35ZR19	300	AA	A
225/30ZR20/XL	300	AA	A
225/35ZR20/XL	300	AA	A
245/30ZR20/XL	300	AA	A
245/35ZR20/XL	300	AA	A
245/40ZR20	300	AA	A
255/30ZR20/XL	300	AA	A
255/35ZR20/XL	300	AA	A
255/35ZR20	300	AA	A
265/30ZR20/XL	300	AA	A
265/35ZR20/XL	300	AA	A
265/50R20/XL	300	AA	A
275/35ZR20	300	AA	A
285/30ZR20/XL	300	AA	A
285/55R20/XL	300	AA	A
295/40ZR20	300	AA	A
295/45R20/XL	300	AA	A
285/35ZR22/XL	300	AA	A
305/40ZR22/XL	300	AA	A
305/35R24/XL	300	AA	A