

# Technical Databook



## 2011 · 2012

Car ◊ 4x4 ◊ Van

This data book contains comprehensive information on Continental Car and Van Tyres. The technical data and other details on tyres and accessories have been compiled to reflect as exactly and completely as possible the current state of development and are based on **ETRTO**<sup>1)</sup>, **ISO**<sup>2)</sup> and **WdK/DIN**<sup>3)</sup> standards.

Most of the Continental tyres comply with **DOT**<sup>4)</sup> regulations and are marked accordingly.

They are homologated in accordance with the relevant **ECE**<sup>5)</sup> regulation (ZR tyres without operational code in accordance with EU guideline 92/23) and are hence also homologated in accordance with current **EU**<sup>6)</sup> tyre regulation.

This databook is intended for information and instruction only. No liability whatsoever will be accepted for damage, regardless of its nature and its legal basis, arising from advice given in this book.

## Tyre safety tips

We recommend that the **inflation pressure** of every tyre is **checked** at least **every 14 days**. Avoid driving over sharp-edged or pointed objects.

Lower inflation pressures, greater loads or higher speeds than specified by the vehicle and/or tyre manufacturer all shorten the **service life** of tyres and can result in structural damages.

We recommend that **new tyres** are **run in** at moderate speeds for the first 120 to 190 miles (200 to 300 km) to roughen the tread surface. The tyre does not achieve its best performance until after this running-in period.

We recommend all wheel positions of a passenger car are fitted with tyres of the **same tread design**.

It is especially important that Continental SSR runflat tyres not be mixed with standard tyres\*.

Please observe the detailed operating instructions on [page 114 ff.](#)

<sup>1)</sup> ETRTO – The European Tyre and Rim Technical Organisation, Brussels

<sup>2)</sup> ISO – International Organization for Standardization

<sup>3)</sup> DIN – German Institute for Standardisation, Berlin  
WdK – German Rubber Manufacturers' Association, Frankfurt/M.

<sup>4)</sup> DOT – Department of Transportation (USA)

<sup>5)</sup> ECE – Economic Commission for Europe (UNO-Institution, Geneva)

<sup>6)</sup> EU – European Union, formerly EEC

<sup>7)</sup> See [page 40](#) for further details

### SAFETY WARNING!



The instructions given in this databook must be observed to ensure vehicle safety at all times. This applies especially with respect to tyre inflation pressure recommendations.

**Non-compliance with these instructions means risking tyre damage which, if serious enough, may result in a tyre bursting. It is hazards like these that can cause traffic accidents involving vehicle damage and / or serious personal injury.**

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- ① **205/55 R16 91V**
- 205** Nominal Section width in mm.
- 55** Nominal Aspect ratio  
(Tyre height is 55% of tyre width).
- R** Symbol for radial tyre  
(or **RF** for run flat tyres\*\*).
- 16** Rim diameter Code.
- 91** Load Index "91" = max. load of this tyre is 615 kg (see table page 6).
- V** Speed Index, indicating max. speed  
V=240 km/h/150 mph (see table page 6).
- Other information may be added after the size marking:  
**"REINFORCED"** or **"EXTRA LOAD (XL)"**  
 for reinforced tyres, **"M+S"** for winter tyres.
-  Snowflake designation (in USA and Canada):  
 This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.
- ② **TUBELESS** tubeless.  
(TUBE TYPE tyres must be mounted with tubes).
- ③ **E 4** Marking indicating accordance with ECE regulations. The number after the E in the circle indicates the country of homologation.  
( (4=Netherlands))
- ④ **0227293** Approval number acc. to relevant ECE regulation
- ⑤ **0811** Production code ("08" means 8th week, "11" means 2011).
- ⑥ **DOT** DOT=Department of Transportation, USA.
- ⑦ **TWI** TWI = Tread Wear Indicator.  
 Cross ribs evenly spaced around the circumference of the tyre in the longitudinal tread grooves and becoming level with the tread surface when the remaining tread depth is down to 1.6 mm.
- ⑧ **Made in ...** Marking showing the country of origin.
- ⑨ **E** Optimised rolling resistance tyre according to the original equipment requirements

<sup>\*)</sup> This sign may also be , if the tyre was homologated in accordance with the EU guideline 92/23.

<sup>\*\*)</sup> See page 40 for further details

## Including Load Index and Speed Index

### Load Index (LI)

The Load Index is a numerical code associated with the maximum load a tyre can carry (see also p. 119).

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
50	190	65	290	80	450	95	690	110	1060
51	195	66	300	81	462	96	710	111	1090
52	200	67	307	82	475	97	730	112	1120
53	206	68	315	83	487	98	750	113	1150
54	212	69	325	84	500	99	775	114	1180
55	218	70	335	85	515	100	800	115	1215
56	224	71	345	86	530	101	825	116	1250
57	230	72	355	87	545	102	850	117	1285
58	236	73	365	88	560	103	875	118	1320
59	243	74	375	89	580	104	900	119	1360
60	250	75	387	90	600	105	925	120	1400
61	257	76	400	91	615	106	950	121	1450
62	265	77	412	92	630	107	975	122	1500
63	272	78	425	93	650	108	1000	123	1550
64	280	79	437	94	670	109	1030	124	1600

### Speed Index (SI)

The Speed Index indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index.

SI	Max. speed for passenger car tyres	
M	81 mph <sup>1)</sup>	130 km/h <sup>1)</sup>
P	93 mph	150 km/h
Q	100 mph	160 km/h
R	106 mph	170 km/h
S	112 mph	180 km/h
T	118 mph	190 km/h
H	130 mph	210 km/h
V	150 mph	240 km/h
W	169 mph	270 km/h
Y	187 mph	300 km/h
(..Y)	over 187 mph <sup>2)</sup>	over 300 km/h <sup>2)</sup>
ZR	over 150 mph	over 240 km/h

SI	Reference speed for commercial vehicle tyres	
K	69 mph	110 km/h
L	75 mph	120 km/h
M	81 mph	130 km/h
N	87 mph	140 km/h
P	93 mph	150 km/h
Q	100 mph	160 km/h
R	106 mph	170 km/h
S	112 mph	180 km/h
T	118 mph	190 km/h
H	130 mph	210 km/h

<sup>1)</sup> As a rule only used for special spare tyres if they qualify according to ECE Regulation 30. In accordance with ECE Regulation 64 governing the use of special spare tyres, even these more highly rated tyres may only be used up to a maximum speed of 50 mph (80 km/h).

<sup>2)</sup> See page 124, table 4 for details.

The technical data in the tables comply generally with international standards.

All **dimensions** in the tables of this data-book are given in millimetres (mm), if not indicated in a different way.

The **rim diameter** is given in inch code. Tyre ranges on new rim types may also be marked in mm.

**Construction measurements** are theoretical values for the design of the tyre: The **width** is relative to the smooth sidewall, the **outer diameter** to the tread centre.

**Maximum measurements** are actual **operating measurements** of the inflated tyre (operating pressure) in the unloaded state. They include growth but exclude dynamic distortions.

The **width** is the max. permitted tyre width, including sidewall decorative markings, when the tyre is mounted on the correct rim.

The **outer diameter** is the max. permitted diameter. The max. measurements are binding for **vehicle designers**.

The **static radius** is the distance between the wheel centre and the ground contact patch under max. load at the recommended tyre pressure.

The **rolling circumference** is the distance covered by a point on the circumference when the tyre revolves once at 60 km/h (37 mph).

The **load capacity** in kilograms (kg) is weight in the sense of a mass.

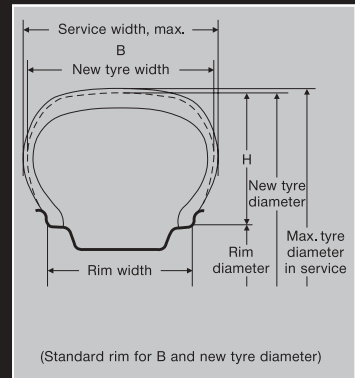
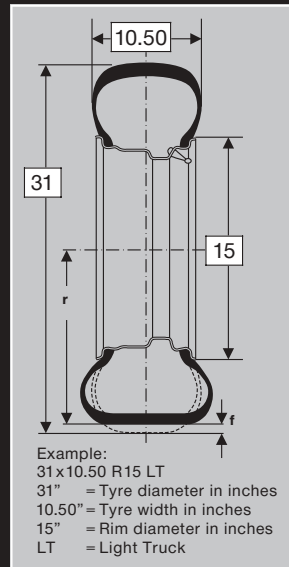
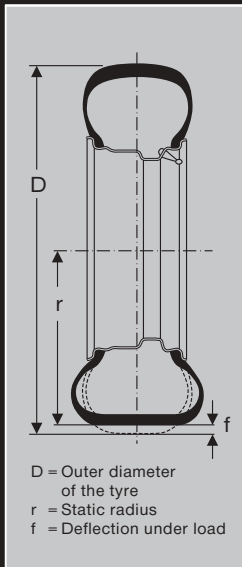
**Tyre pressure (inflation pressure)** is given in bar as an overpressure (cold tyre), for driving speeds **up to 160 km/h (100 mph)**.

Vehicle designers should bear in mind the **maximum values** for tyre outer diameter and width when planning the **wheel space of a vehicle**, if all standard approved tyres are to fit without any restrictions.

Should this by way of exception not be possible, the safety risk must be eliminated by taking appropriate measures.

### Standard sizes

### Flotation sizes (4x4)



## ContiSportContact™ 5

**NEW**

Unlimited driving fun thanks to excellent grip

- Short braking distances on wet and dry road surfaces
- High grip and safety on bends
- Reduction in rolling resistance and higher mileage

Also available as SSR<sup>1)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

Also available as ContiSeal™ tyre<sup>\*\*</sup>. In addition to the specified performance features as self-sealing standard production tyre.



<sup>1)</sup> **SSR** – Self Supporting Runflat tyre, [see page 40](#) for further details

<sup>\*\*</sup>) [See page 41](#) for further details



# ContiSportContact™ 5

Size range

50 series			
205/50 R 17 XL	93 W	FR	
215/50 R 17 XL	95 W	FR	
225/50 R 17 XL	98 Y	FR →	
235/50 R 18	97 V	FR	
45 series			
205/45 R 17 XL	88 W	FR	
215/45 R 17 XL	91 W	FR	
225/45 R 17	91 V	FR →	
	91 W MO	FR	
	91 W	FR →	
	<b>SSR ★</b>		
	91 W	FR →	
	<b>SSR MO Ext.</b>		
	91 Y MO	FR →	
225/45 R 17 XL	94 Y	FR →	
235/45 R 17	94 W	FR →	
	<b>ContiSeal</b>		
	94 Y	FR →	
235/45 R 17 XL	97 Y	FR →	
245/45 R 17	95 W MO	FR →	
	95 Y	FR →	

45 series (continued)			
245/45 R 17 XL	99 Y	FR →	
	99 Y MO	FR →	
255/45 R 17	98 Y MO	FR →	
225/45 R 18	91 V	FR →	
	<b>SSR ★</b>		
	91 Y	FR →	
225/45 R 18 XL	95 Y	FR	
235/45 R 18 XL	98 W	FR	
	98 Y	FR	
245/45 R 18 XL	100 Y	FR →	
255/45 R 18	99 Y	FR →	
255/45 R 18 XL	103 Y	FR →	
245/45 R 19 XL	102 Y MO1	FR →	
40 series			
205/40 R 17 XL	84 V	FR →	
	84 W	FR →	
245/40 R 17	91 W MO	FR	
	91 W	FR →	
	<b>SSR ★</b>		
	91 Y	FR →	
	91 Y MO	FR →	
215/40 R 18	85 V	FR →	
225/40 R 18	88 Y	FR →	
	<b>SSR ★</b>		

40 series (continued)			
225/40 R 18 XL	92 W <b>SSR</b>	FR →	
	<b>MO Ext.</b>		
	92 Y	FR →	
	92 Y MO	FR	
	92 Y AO	FR →	
235/40 R 18	91 Y	FR →	
235/40 R 18 XL	95 W	FR →	
	95 W	FR →	
	<b>ContiSeal</b>		
	95 Y	FR →	
245/40 R 18	93 Y	FR →	
245/40 R 18 XL	97 Y	FR →	
	97 Y MO	FR →	
235/40 R 19 XL	96 W	FR →	
245/40 R 20	95 W	FR →	
255/40 R 20 XL	101 Y AO	FR →	
35 series			
245/35 R 18	88 Y	FR →	
	<b>SSR ★</b>		
245/35 R 18 XL	92 Y MO	FR	
255/35 R 18 XL	94 Y	FR →	
	94 Y MO	FR →	
265/35 R 18 XL	97 Y MO	FR →	

# ContiSportContact™ 5 SUV

Size range

60 series			
235/60 R 18	103 V	FR →	
255/60 R 18 XL	112 V	FR →	
55 series			
235/55 R 18	100 V	FR	
255/55 R 18	105 V MO	→	
255/55 R 18 XL	109 H	→	
	<b>SSR ★</b>		
	109 V	→	
	<b>SSR ★</b>		
	109 Y	FR →	
235/55 R 19 XL	105 W	FR →	
245/55 R 19	103 H	FR →	
255/55 R 19 XL	111 V	→	

50 series			
235/50 R 18	97 V	FR →	
	97 W	FR →	
255/50 R 19	103 W MO	→	
	103 W <b>SSR</b>		
	<b>MO Ext.</b>	→	
255/50 R 19 XL	107 Y	FR	
255/50 R 20 XL	109 Y	FR →	

45 series			
275/45 R 19 XL	108 Y	FR	
235/45 R 20 XL	100 W	FR →	
265/45 R 20	108 Y	FR →	
	(ZR) MO		
275/45 R 20 XL	110 Y	FR	
40 series			
255/40 R 20 XL	101 W	FR →	
275/40 R 20 XL	106 Y	FR	
295/40 R 21 XL	111 Y		
	(ZR) MO		→
275/40 R 22 XL	108 Y	FR →	

See cover foldout for footnotes

## ContiSportContact™ 5P

Maximum driving pleasure and safety

- Optimised to meet the specific requirements of front and rear axle positions
- Optimal grip and stability on bends, sporty handling
- Short braking distances on dry and wet surfaces

Also available as SSR<sup>\*)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

<sup>\*)</sup> SSR – Self Supporting Runflat tyre, see page 40 for further details



Front axle \*/all wheel positions



Rear axle \*

<sup>\*)</sup> Special tyres for front and rear axle offer maximum safety and driving pleasure. The „P“ in the product name stands for the additional sporty performance.

Additional safety feature in the tread design:

summer TWI informs the driver when the remaining tyre tread is 3 mm.

# ContiSportContact™ 5P

## Size range

40 series			
235/40 R 18 XL	95 Y (ZR) MO	FR	
245/40 R 19 XL	98 Y (ZR)	FR	→
255/40 R 19 XL	100 Y	FR	
	100 Y (ZR) R01	FR	→
	(100) ZR	FR	
35 series			
255/35 R 18 XL	94 Y (ZR)	FR	
225/35 R 19 XL	88 Y	FR	
	88 Y R02	FR	
	(88) ZR	FR	
235/35 R 19 XL	91 Y	FR	
	91 YAO	FR	→
	91 Y (ZR)	FR	
	91 Y (ZR) R02	FR	
	(91) ZR	FR	
	(91) ZR MO	FR	→
	(91) ZR R01	FR	
245/35 R 19 XL	(93) ZR	FR	
255/35 R 19 XL	96 Y MO	FR	
	96 Y <i>SSR</i> MO Ext.	FR	→
	(96) ZR (Y) MO	FR	
265/35 R 19 XL	(98) ZR (Y) MO	FR	
	(98) ZR	FR	
275/35 R 19 XL	100 Y (ZR)	FR	→
285/35 R 19 XL	(103) ZR	FR	
225/35 R 20 XL	(90) ZR	FR	→
245/35 R 20	(91) ZR (Y) NO	FR	→
245/35 R 20 XL	(95) ZR	FR	
245/35 R 21 XL	96 Y	FR	→
255/35 R 21 XL	(98) ZR	FR	
265/35 R 21 XL	101 YAO	FR	
275/35 R 21 XL	103 Y R01	FR	
30 series			
255/30 R 19 XL	91 Y (ZR) R02	FR	
	(91) ZR	FR	
	(91) ZR MO	FR	
265/30 R 19 XL	(93) ZR	FR	
275/30 R 19 XL	(96) ZR	FR	
285/30 R 19 XL	98 Y MO	FR	
	98 Y <i>SSR</i> MO Ext.	FR	→
	(98) ZR (Y) MO	FR	
295/30 R 19 XL	(100) ZR	FR	
	(100) ZR R01	FR	
305/30 R 19 XL	(102) ZR	FR	
	(102) ZR R01	FR	
245/30 R 20 XL	(90) ZR	FR	
255/30 R 20 XL	92 Y (ZR) R01	FR	
	(92) ZR	FR	
295/30 R 20 XL	(101) ZR (Y) MO	FR	
305/30 R 20 XL	(103) ZR	FR	→
255/30 R 21 XL	(93) ZR	FR	→
265/30 R 21 XL	(96) ZR	FR	
275/30 R 21 XL	(98) ZR (Y) R01	FR	→
295/30 R 21 XL	(102) ZR	FR	
295/30 R 22 XL	(103) ZR	FR	
25 series			
295/25 R 20 XL	(95) ZR	FR	
305/25 R 20 XL	(97) ZR	FR	
325/25 R 20 XL	(101) ZR	FR	
295/25 R 21 XL	(96) ZR	FR	
325/25 R 21 XL	(102) ZR	FR	→
335/25 R 22 XL	(105) ZR	FR	
315/25 R 23 XL	(102) ZR	FR	

See cover foldout for footnotes

## ContiSportContact™ 3

Extremely sporty, safety without compromise

- Asymmetric tread pattern
- High braking performance on dry and wet surfaces
- Excellent protection against aquaplaning

Also available as SSR<sup>1)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

Also available as ContiSeal™ tyre<sup>\*\*</sup>. In addition to the specified performance features as self-sealing standard production tyre.



<sup>1)</sup> **SSR** – Self Supporting Runflat tyre, see page 40 for further details

<sup>\*\*</sup>) See page 41 for further details

# ContiSportContact™ 3

Size range

55 series		
205/55 R 17	91 Y (ZR) <b>N2</b>	FR
255/55 R 18 <b>XL</b>	109 Y <b>NO</b>	FR
50 series		
205/50 R 17	89 V	FR
215/50 R 17 <b>XL</b>	95 V E	FR
	95 W (E)	FR
225/50 R 17	94 V	
225/50 R 17 <b>XL</b>	98 W E	
	98 Y <b>A0</b>	FR →
235/50 R 17	96 Y (ZR) <b>N2</b>	FR
245/50 R 18	100 Y (ZR) <b>NO</b>	FR
	100 Y <b>SSR★</b>	
45 series		
195/45 R 16	80 V	FR
195/45 R 17	81 W	FR →
205/45 R 17	84 V ★	FR
	84 V <b>SSR★</b>	
	84 W	FR
	84 W <b>SSR★</b>	
205/45 R 17 <b>XL</b>	88 V	FR →
	88 W (ZR)	FR
215/45 R 17	87 V	FR
	87 W	FR
225/45 R 17	91 V	FR
	91 V <b>SSR★E</b>	FR
	91 W	FR
	91 W <b>MO</b>	FR
	91 W <b>SSR★E</b>	
	91 Y (ZR)	FR
	91 Y <b>MO</b>	FR
	91 Y <b>SSR★E</b>	
225/45 R 17 <b>XL</b>	94 W	FR
	94 Y	FR

45 series (continued)		
235/45 R 17	94 W <b>MO</b>	FR
	94 W (ZR)	FR
	94 W (ZR)	FR
	<b>ContiSeal</b>	
	94 Y (ZR)	FR
235/45 R 17 <b>XL</b>	97 W	FR
235/45 RF 17 <b>XL</b>	97 W <b>SSR</b>	FR
245/45 R 17	95 W	FR →
	95 W <b>MO</b>	FR
245/45 R 17 <b>XL</b>	99 Y <b>MO</b>	FR
	99 Y (ZR)	FR
255/45 R 17	98 W <b>MO</b>	FR
225/45 R 18 <b>XL</b>	95 W (ZR)	FR
	95 W	FR
	<b>ContiSeal</b>	
235/45 R 18 <b>XL</b>	98 W	FR
245/45 R 18	96 W (ZR)	FR
	96 Y <b>SSR★E</b>	
245/45 R 18 <b>XL</b>	100 W (ZR)	FR
	100 Y (ZR)	FR
255/45 R 18 <b>XL</b>	103 Y	FR
275/45 R 18	103 Y (ZR) <b>NO</b>	FR
245/45 R 19	98 W <b>SSR★</b>	FR
	98 Y (ZR)	
255/45 R 19	100 ZR (Y) <b>NO</b>	FR
255/45 R 19 <b>XL</b>	104 Y (ZR) <b>A0</b>	FR

Size range (continued)  
see following page



See cover foldout for footnotes

# ContiSportContact™ 3

## Size range

40 series			
195/40 R 17 <b>XL</b>	81 V	FR	
205/40 R 17 <b>XL</b>	84 V	FR	
	84 W	FR	□
215/40 R 17 <b>XL</b>	87 Y (ZR)	FR	
235/40 R 17	(90) ZR	FR	
245/40 R 17	91 W <b>MO</b>	FR	
	91 Y <b>MO</b>	FR	
	91 Y (ZR)	FR	
255/40 R 17	94 W <b>MO</b>	FR	
	94 Y (ZR)	FR	
225/40 R 18 <b>XL</b>	92 W	FR	
	92 Y (ZR)	FR	
	92 Y (ZR) <b>MO</b>	FR	
235/40 R 18	91 Y <b>MO</b>	FR	
	(91) ZR (Y) <b>N1</b>	FR	
235/40 R 18 <b>XL</b>	95 W	FR	
	95 W	FR	
	<b>ContiSeal</b>		
	95 Y (ZR)	FR	
245/40 R 18	(95) ZR <b>R01</b>	FR	
	93 Y <b>SSR</b>	FR	
	93 Y <b>MO</b>	FR	
245/40 R 18 <b>XL</b>	(93) ZR <b>MO</b>	FR	
	97 Y <b>MO</b>	FR	
	97 Y (ZR)	FR	
255/40 R 18 <b>XL</b>	(99) ZR (Y) <b>MO</b>	FR	
	(99) ZR (Y) <b>MO1</b>	FR	
265/40 R 18 <b>XL</b>	(101) ZR (Y) <b>N1</b>	FR	
	99 Y <b>SSR</b> ★		
235/40 R 19	92 W	FR	
235/40 R 19 <b>XL</b>	96 W	FR	
	96 Y (ZR)	FR	
245/40 R 19 <b>XL</b>	98 Y (ZR) <b>R01</b>	FR	
275/40 R 19	101 W <b>SSR</b> ★	FR	
	101 Y <b>SSR</b> ★	FR	
	101 Y (ZR)		
285/40 R 19	(103) ZR (Y) <b>NO</b>	FR	
245/40 R 20 <b>XL</b>	99 Y (ZR) <b>J</b>	FR	
265/40 R 20 <b>XL</b>	104 Y <b>AO</b>	FR	→

35 series			
215/35 R 17 <b>XL</b>	83 V	FR	
225/35 R 18 <b>XL</b>	87 W <b>AO</b>	FR	
	(87) ZR	FR	
245/35 R 18 <b>XL</b>	92 Y (ZR) <b>MO</b>	FR	
255/35 R 18 <b>XL</b>	94 Y (ZR)	FR	
	94 Y (ZR) <b>MO</b>	FR	
	94 Y <b>MO</b>	FR	
265/35 R 18 <b>XL</b>	97 Y <b>MO</b>	FR	
	(97) ZR <b>MO</b>	FR	
275/35 R 18	95 Y <b>MO</b>	FR	
275/35 R 18 <b>XL</b>	99 Y (ZR)	FR	
285/35 R 18 <b>XL</b>	101 ZR (Y) <b>MO</b>	FR	
	(101) ZR <b>R01</b>	FR	
235/35 R 19	(87) ZR (Y) <b>(N1)</b>	FR	
235/35 R 19 <b>XL</b>	91 Y (ZR)	FR	
	91 Y (ZR)	FR	
	<b>ContiSeal</b>		
245/35 R 19 <b>XL</b>	(91) ZR	FR	
	(93) ZR (Y) ★	FR	
255/35 R 19 <b>XL</b>	96 ZR (Y) <b>R01</b>	FR	
265/35 R 19	(94 Y) ZR <b>N1</b>	FR	
265/35 R 19 <b>XL</b>	(98) ZR (Y) ★	FR	
245/35 R 20 <b>XL</b>	(95) ZR	FR	
255/35 R 20 <b>XL</b>	97 W (ZR) <b>J</b>	FR	→
275/35 R 20 <b>XL</b>	102 Y (ZR) <b>J</b>	FR	
285/35 R 20 <b>XL</b>	(104) ZR	FR	
30 series			
255/30 R 19 <b>XL</b>	(91) ZR <b>MO</b>	FR	
295/30 R 19 <b>XL</b>	(100) ZR (Y) <b>N1</b>	FR	
235/30 R 20 <b>XL</b>	(88) ZR	FR	
265/30 R 20 <b>XL</b>	94 Y (ZR) <b>R01</b>	FR	
285/30 R 20 <b>XL</b>	99 Y	FR	
265/30 R 22 <b>XL</b>	(97) ZR	FR	
25 series			
315/25 R 19 <b>XL</b>	(98) ZR	FR	
305/25 R 22 <b>XL</b>	(99) ZR	FR	

See cover foldout for footnotes

# ContiSportContact™ 2

Size range

<b>55 series</b>			<b>40 series (continued)</b>		
205/55 R 16	91 V ML	FR	255/40 R 17	94 V <i>SSR</i> ★	FR
	91 V			94 W <i>SSR</i> ★	FR
	91 V <b>AO</b>	FR		(94) ZR <b>N2</b>	FR
	91 W		215/40 R 18 <b>XL</b>	89 W (ZR) <b>MO</b>	FR
	91 W <b>AO</b>	FR		(89) ZR	FR
205/55 R 16 <b>XL</b>	94 V		225/40 R 18	(88) ZR <b>N2</b>	FR
235/55 R 17	99 W <b>MO</b>	FR	225/40 R 18 <b>XL</b>	92 Y	FR
<b>50 series</b>				92 Y <b>AO</b>	FR
195/50 R 16 <b>XL</b>	88 V	FR	235/40 R 18 <b>XL</b>	95 Y (ZR)	FR
205/50 R 16	(87) ZR	FR	245/40 R 18	93 Y	FR
205/50 R 17	89 V	FR		93 Y <b>AO</b>	FR
	(89) ZR <b>N2</b>	FR	255/40 R 18 <b>XL</b>	99 Y	FR
205/50 R 17 <b>XL</b>	93 W	FR	275/40 R 18 <b>XL</b>	103 W <b>J</b>	FR →
225/50 R 17	94 H★	FR	245/40 R 19 <b>XL</b>	98 Y (ZR)	FR
	94 V★	FR	255/40 R 19	(96) ZR	FR
	94 W <b>AO</b>	FR	255/40 R 19 <b>XL</b>	100 Y <b>MO</b>	FR
	94 Y <b>AO</b>	FR		(100) ZR <b>MO</b>	FR
225/50 R 17 <b>XL</b>	98 Y <b>AO</b>	FR	275/40 R 19	101 Y <b>MO</b>	FR
<b>45 series</b>			275/40 R 19 <b>XL</b>	(105) ZR <b>MO</b>	FR
195/45 R 15	78 V	FR	245/40 R 20	(95) ZR	FR
205/45 R 16	83 V	FR	265/40 R 21 <b>XL</b>	105 Y (ZR) <b>MO</b>	FR
225/45 R 16	(89) ZR	FR	<b>35 series</b>		
205/45 R 17	84 V	FR	215/35 R 18 <b>XL</b>	(84) ZR	FR
205/45 R 17 <b>XL</b>	(88) ZR	FR	225/35 R 18 <b>XL</b>	87 ZR	FR
215/45 R 17	87 V <b>MO</b>	FR	245/35 R 18 <b>XL</b>	(92) ZR	FR
215/45 R 17 <b>XL</b>	91 V	FR	255/35 R 18 <b>XL</b>	94 Y (ZR) <b>MO</b>	FR
225/45 R 17	91 V <i>SSR</i> ★	FR	265/35 R 18	(93) ZR <b>N2</b>	FR
	91 W	FR	245/35 R 19 <b>XL</b>	93 Y★	FR
	91 W <i>SSR</i> ★	FR	265/35 R 19 <b>XL</b>	98 Y (ZR) <b>AO</b>	FR
225/45 R 17 <b>XL</b>	94 V	FR	275/35 R 19 <b>XL</b>	100 Y (ZR)	FR
235/45 R 17	94 Y	FR □	285/35 R 19	(99) ZR	FR
245/45 R 17	(95) ZR <b>J</b>	FR	255/35 R 20 <b>XL</b>	(97) ZR <b>MO</b>	FR
235/45 R 18 <b>XL</b>	98 W (ZR)	FR	275/35 R 20 <b>XL</b>	102 Y (ZR)	FR
245/45 R 18 <b>XL</b>	100 W <b>J</b>	FR →		(102) ZR <b>MO</b>	FR
255/45 R 18	99 Y <b>MO</b>	FR	<b>30 series</b>		
275/45 R 18	103 Y <b>MO</b>	FR	285/30 R 18	(93) ZR <b>N2</b>	FR
265/45 R 20	104 Y (ZR) <b>MO</b>	FR	295/30 R 18 <b>XL</b>	(94) ZR <b>N2</b>	FR
<b>40 series</b>			275/30 R 19 <b>XL</b>	96 Y★	FR
195/40 R 16 <b>XL</b>	80 W (ZR)	FR	265/30 R 20 <b>XL</b>	94 Y (ZR)	FR
215/40 R 16 <b>XL</b>	86 W (ZR)	FR	275/30 R 20 <b>XL</b>	(97) ZR	FR
205/40 R 17 <b>XL</b>	84 W	FR			
	(84) ZR	FR			

See cover foldout for footnotes

# ContiSportContact V<sub>max</sub>

Size range

235/35 R 19 <b>XL</b>	(91) ZR	FR	325/30 R 19 <b>XL</b>	(105) ZR	FR
255/35 R 19 <b>XL</b>	(96) ZR	FR	335/30 R 20 <b>XL</b>	(108) ZR	FR

# ContiEcoContact™ 5



For medium-size and luxury cars

- Very low rolling resistance for high mileage and reduced fuel consumption
- Shorter and safer braking distances in wet conditions
- Optimal handling on dry and wet road surfaces



## Size range

<b>70 series</b>	<b>60 series (continued)</b>	<b>50 series</b>
165/70 R 14 XL 85 T	195/60 R 16 XL 93 V →	195/50 R 15 82 V →
175/70 R 14 84 T →	205/60 R 16 XL 96 H →	205/50 R 17 XL 93 H FR →
<b>65 series</b>	96 W →	225/50 R 17 94 V FR →
175/65 R 14 XL 86 T →	215/60 R 16 95 V FR →	<b>45 series</b>
185/65 R 14 86 H →	215/60 R 16 XL 99 V →	195/45 R 16 XL 84 H FR →
175/65 R 15 84 T →	<b>55 series</b>	225/45 R 17 XL 94 V FR →
84 H →	185/55 R 15 82 H FR →	
185/65 R 15 88 T →	185/55 R 15 XL 86 H →	
88 H →	195/55 R 15 85 V →	
195/65 R 15 91 V →	195/55 R 16 XL 91 H E →	
195/65 R 15 XL 95 H →	91 V →	
205/65 R 15 94 V →	205/55 R 16 91 H →	
<b>60 series</b>	91 H AO →	
185/60 R 14 82 H →	91 H MO →	
185/60 R 15 84 T →	91 V MO →	
185/60 R 15 XL 88 H	91 W MO →	
195/60 R 15 88 H	205/55 R 16 XL 94 H →	
205/60 R 15 XL 95 V →	94 V →	
	94 W →	
	215/55 R 16 XL 97 W →	
	225/55 R 16 XL 99 Y	
	225/55 R 17 97 W FR →	



## ContiPremiumContact™ 2

Advanced safety and performance for medium-size and luxury cars

- Innovative 3D tread grooves
- Exceptionally precise steering and high stability
- Very high braking performance in dry and wet conditions
- Asymmetrical, non-directional tread pattern

Also available as SSR<sup>\*)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

Also available as ContiSeal™ tyre<sup>\*\*</sup>.

In addition to the specified performance features as self-sealing standard production tyre.



<sup>\*)</sup> SSR – Self Supporting Runflat tyre, see page 40 for further details

<sup>\*\*</sup>) See page 41 for further details

Size range see following page →

## ContiPremiumContact™ 2

## Size range

70 series				60 series (continued)				55 series (continued)			
155/70 R 14	77 T	E		205/60 R 16 XL	96 H			195/55 R 16 XL	91 H		
165/70 R 14	81 T				96 H			195/55 RF 16 XL	91 H	<i>SSR</i>	
175/70 R 14	84 T				<b>ContiSeal</b>			205/55 R 16	91 H (MO)		
<b>65 series</b>					96 V				91 H ★		
165/65 R 14	79 T				96 W				91 H E		
175/65 R 14	82 T	(E)		215/60 R 16	95 H				91 V (FR) (E)		
195/65 R 14	89 H				95 H				91 V MO		
175/65 R 15	84 H				<b>ContiSeal</b>				91 V ★		
185/65 R 15	88 H				95 V				91 W		
	88 V				95 V				91 W MO		
195/65 R 15	91 T	E			<b>ContiSeal</b>			205/55 R 16 XL	94 H		
	91 H	(E)		215/60 R 16 XL	99 V				94 V		
	91 V			225/60 R 16	98 V				94 V		
205/65 R 15	94 H				98 W				<b>ContiSeal</b>		
	94 V			225/60 R 16 XL	102 V			215/55 R 16	93 H		
215/65 R 16	98 H			235/60 R 16	100 V				93 V		
<b>60 series</b>					100 W				93 W		
175/60 R 14	79 H			215/60 R 17	96 H				93 Y		
185/60 R 14	82 H			235/60 R 17	102 YAO			215/55 R 16 XL	97 W		
195/60 R 14	86 H			<b>55 series</b>				225/55 R 16	95 V		
	86 V			185/55 R 14	80 H				95 V ★		
185/60 R 15	84 T			175/55 R 15	77 T	FR			95 W (FR)		
	84 TAO			185/55 R 15	82 T		→		95 W ★		
	84 H				82 H	(E)			95 YAO		
185/60 R 15 XL	88 H				82 V			225/55 R 16 XL	99 W MO		
195/60 R 15	88 H			185/55 R 15 XL	86 H				99 Y MO		
	88 V				86 V			205/55 R 17	91 V		
205/60 R 15	91 H			195/55 R 15	85 H				91 V <i>SSR</i> ★		
	91 V				85 V			205/55 R 17 XL	95 H		
	91 W			205/55 R 15	88 V			215/55 R 17	94 V		
205/60 R 15 XL	95 H				88 VAO				94 W		
215/60 R 15 XL	98 H			185/55 R 16	83 H	E		225/55 R 17	97 W ★		
225/60 R 15	96 V				83 V				97 Y ★		
	96 W			195/55 R 16	87 H	(E)		225/55 RF 17	97 Y <i>SSR</i>	→	
195/60 R 16	89 H				87 V	(E)		225/55 R 17 XL	101 W		
	89 V	ML			87 V ★			235/55 R 17	99 W	FR	
205/60 R 16	92 H	(E)			87 V <i>SSR</i> ★			245/55 R 17	102 W <i>SSR</i> ★	E	
	92 VAO							215/55 R 18	95 H		
	92 W							215/55 R 18 XL	99 V E	FR	
								235/55 R 18	100 V		→
									100 YAO		→
								235/55 R 18 XL	104 YAO		

See cover foldout for footnotes

Size range  
see following page

## ContiPremiumContact™ 2

Size range

50 series		
195/50 R 15	82 T	FR
	82 H	
	82 V	
205/50 R 15	86 V	
185/50 R 16	81 T	FR →
195/50 R 16	84 V	FR →
195/50 R 16 XL	88 V	FR
205/50 R 16	87 W	

50 series (continued)		
225/50 R 16	92 V <b>MO</b>	
	92 W	
	92 W <b>MO</b>	
205/50 R 17	89 H	FR
	89 W <b>SSR</b> ★ →	
	89 Y <b>SSR</b> ★ →	
225/50 R 17 XL	98 H	FR
	98 H	FR
	<b>ContiSeal</b>	
	98 V	FR
	98 V	FR
235/50 R 18	<b>ContiSeal</b>	
	97 V	FR
	97 W <b>J</b>	FR

45/40 series		
195/45 R 16 XL	84 H	
	84 V	FR
205/45 R 16	83 W	FR
215/45 R 16	86 H	FR
215/45 R 16 XL	90 V <b>AO</b>	FR
215/40 R 17 XL	87 V	FR
	87 W <b>AO</b>	FR

## ContiPremiumContact™

Size range

65 series		
195/65 R 15	91 H	
	91 V	
60 series		
185/60 R 14	82 H	
185/60 R 15	84 H	

55 series		
185/55 R 15	82 T	FR
185/55 R 16 XL	87 H	
195/55 R 16	87 T	FR
	87 H	FR
	87 V	FR
	91 H	(FR)
	91 H <b>SSR</b>	
205/55 R 16	91 V	(FR)
	91 V <b>SSR</b>	
	91 W	(FR)
	91 W <b>SSR</b>	
205/55 R 16 XL	94 V	FR
225/55 R 16	95 H	FR
	95 Y	FR
225/55 R 16 XL	99 Y	FR

50 series		
205/50 R 15	86 H	FR
185/50 R 16	81 H	FR
	81 V	FR
275/50 R 19 XL	112 W	FR
45 series		
205/45 R 16	83 H	FR

See cover foldout for footnotes

## ContiEcoContact™ 3

For compact and medium-size cars

- High mileage and low fuel consumption
- Extremely good grip even in wet corners
- Reduces braking distance on wet and dry road surfaces



Size range

80 series		
145/80 R 13	75 T	
155/80 R 13	79 T	
165/80 R 13	83 T	
175/80 R 14	88 T	
	88 H	
70 series		
145/70 R 13	71 T	
155/70 R 13	75 T	
165/70 R 13	79 T	
165/70 R 13 XL	83 T	
175/70 R 13	82 T	
185/70 R 13	86 T	
165/70 R 14	81 T	
175/70 R 14	84 T	
185/70 R 14	88 T	
	88 H	
65 series		
165/65 R 13	77 T	
175/65 R 13	80 T	
155/65 R 14	75 T	

65 series (continued)		
165/65 R 14	79 T	
175/65 R 14	82 T	
	82 H	
185/65 R 14	86 T	
	86 H	
165/65 R 15	81 T	
175/65 R 15	84 T	
185/65 R 15	88 T (M0)	
	88 H	
195/65 R 15	91 T	
	91 H	
195/65 R 15 XL	95 H	

60 series		
165/60 R 14	75 T	
	75 H	
165/60 R 14 XL	79 T	
185/60 R 14	82 T	
	82 H	
195/60 R 14	86 H	
155/60 R 15	74 T	FR
175/60 R 15	81 H	
55 series		
175/55 R 15	77 T	FR

## ContiEcoContact™ EP

Size range

70 series		
165/70 R 14	81 T	
135/70 R 15	70 T	FR

See cover foldout for footnotes

65 series		
155/65 R 13	73 T	
145/65 R 15	72 T	FR
60 series		
195/60 R 15	88 T	

55 series		
175/55 R 15	77 T	FR
50 series		
195/50 R 15	82 T	

## ContiWinterContact™ TS 830 P

Stops faster when it really matters.  
The ContiWinterContact™ TS 830 P –  
winter safety for high-performance vehicles.

- Exceptional braking power in ice and snow
- Better snow traction
- Higher mileage

Also available as SSR<sup>\*)</sup> runflat tyre.  
In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

Also available as ContiSeal™ tyre<sup>\*\*</sup>.  
In addition to the specified performance features as self-sealing standard production tyre.

<sup>\*)</sup> **SSR** – Self Supporting Runflat tyre, [see page 40](#) for further details

<sup>\*\*</sup>) [See page 41](#) for further details



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range see following page →

## ContiWinterContact™ TS 830 P

## Size range

65 series		50 series		40 series	
195/65 R 15	91 T MO	195/50 R 16 XL	88 H AO	225/40 R 18 XL	92 V FR
215/65 R 17	99 T	225/50 R 16	92 H		92 V <i>SSR</i> ★ FR →
60 series		205/50 R 17	89 H <i>SSR</i> ★ FR →	235/40 R 18 XL	95 V FR
185/60 R 15 XL	88 H AO →	205/50 R 17 XL	93 H FR	245/40 R 18 XL	97 V FR
205/60 R 16	92 T		93 H MO FR		97 W FR
	92 H ★		93 H FR	255/40 R 18 XL	99 V MO FR
	92 H <i>SSR</i> ★		ContiSeal	235/40 R 19	92 V NO FR →
205/60 R 16 XL	96 H		93 V FR	35 series	
	96 H	215/50 R 17 XL	95 V FR	255/35 R 18 XL	94 V FR →
	ContiSeal	225/50 R 17	94 H AO FR →	265/35 R 18 XL	97 V FR →
215/60 R 16 XL	99 H	225/50 R 17 XL	98 H FR	235/35 R 19 XL	91 W FR →
225/60 R 16	98 H AO		98 H AO FR		91 Y FR →
225/60 R 16 XL	102 V		98 V FR	245/35 R 19 XL	93 Y FR →
235/60 R 16	100 H	225/50 R 18 XL	99 H AO FR	285/35 R 19	99 V NO FR →
225/60 R 18 XL	104 V	45 series		30 series	
55 series		205/45 R 17 XL	88 V FR	275/30 R 19 XL	96 Y FR →
195/55 R 16	87 H ★	215/45 R 17 XL	91 H FR	295/30 R 19 XL	100 W FR
	87 H <i>SSR</i> ★ →		91 V FR		100 Y FR →
205/55 R 16	91 H MO	225/45 R 17	91 H MO FR	See cover foldout for footnotes	
	91 H <i>SSR</i> ★ →		91 H <i>SSR</i> ★ FR →		
	91 H	225/45 R 17 XL	94 H FR		
	ContiSeal		94 V FR		
215/55 R 16	93 H MO	235/45 R 17	94 H FR		
215/55 R 16 XL	97 V	235/45 R 17 XL	97 V FR		
225/55 R 16	95 H	245/45 R 17 XL	99 H MO FR		
	95 H MO	255/45 R 17	98 V FR →		
	95 H AO	225/45 R 18 XL	95 V <i>SSR</i> ★ FR →		
	95 H ★ →	235/45 R 18 XL	98 V FR		
	95 H <i>SSR</i> ★ →	255/45 R 18	99 V MO FR		
225/55 R 16 XL	99 H	235/45 R 19 XL	99 V AO FR		
	99 H MO				
	99 V				
215/55 R 17 XL	98 H →				
	98 V				
225/55 R 17	97 H				
225/55 R 17 XL	101 V				
235/55 R 17	99 H				
	99 H AO				
	99 V MO				
235/55 R 18 XL	104 V AO				

## ContiWinterContact™ TS 830

Tailor-made braking specialist for compact and midrange cars

- Improved stopping on snow due to a high number of blocks in the shoulder area
- Outstanding braking performance on icy and wet roads
- Designed to work in harmony with today's electronic driving safety systems
- Superb fuel-efficiency



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

65 series	
185/65 R 15	88 T
185/65 R 15 XL	92 T
195/65 R 15	91 T
	91 H
195/65 R 15 XL	95 T
205/65 R 15	94 T
	94 H

60 series	
195/60 R 15	88 T
	88 H
205/60 R 15	91 T
	91 H

55 series	
185/55 R 15	82 H
195/55 R 15	85 T
	85 H
185/55 R 16 XL	87 T
195/55 R 16	87 H
205/55 R 16	91 T
	91 H
205/55 R 16 XL	94 H
	94 V
215/55 R 16	93 H
215/55 R 16 XL	97 H

See cover foldout for footnotes

## ContiWinterContact™ TS 800

Reliable and safe for compact and mid-range cars

- Superb cornering stability and grip
- Excellent performance on snow and ice
- Outstanding protection against aquaplaning
- Exceptional handling on dry surfaces



Snowflake designation (in USA and Canada):  
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

<b>80 series</b>		<b>65 series</b>		<b>55 series</b>		
175/80 R 14	88 T	155/65 R 13	73 T	185/55 R 14	80 T	FR
<b>70 series</b>		175/65 R 13	80 T	175/55 R 15	77 T	FR
155/70 R 13	75 T	155/65 R 14	75 T	<b>50 series</b>		
165/70 R 14	81 T	165/65 R 14	79 T	195/50 R 15	82 T	FR
165/70 R 14 <b>XL</b>	85 T	175/65 R 14	82 T	See cover foldout for footnotes		
175/70 R 14	84 T	175/65 R 14 <b>XL</b>	86 T			
175/70 R 14 <b>XL</b>	88 T	185/65 R 14	86 T			
185/70 R 14	88 T	195/65 R 14	89 T			
		165/65 R 15	81 T			
		<b>60 series</b>				
		165/60 R 14 <b>XL</b>	79 T			
		185/60 R 14	82 T			
		195/60 R 14	86 T			
		155/60 R 15	74 T	FR		
		175/60 R 15	81 T			
		185/60 R 15	84 T			
		185/60 R 15 <b>XL</b>	88 T			



## ContiWinterContact™ TS 810 Sport

Sporty and safe – for high performance and executive cars

- Outstanding performance in all winter conditions
- Superb handling and braking on dry roads
- Excellent aquaplaning safety

Also available as SSR<sup>\*)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

<sup>\*)</sup> **SSR** – Self Supporting Runflat tyre, [see page 40](#) for further details

Size range see following page →



Snowflake designation (in USA and Canada):  
This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

# ContiWinterContact™ TS 810 Sport

Size range

<b>65/60 series</b>				<b>40 series</b>			
175/65 R 15	84 T ★			225/40 R 18 XL	92 V MO	FR	
185/60 R 16	86 H <i>SSR</i>				92 V ★	FR	
<b>55 series</b>				235/40 R 18 XL	95 H MO	FR	
195/55 R 16	87 H ★				95 V MO	FR	
	87 H <i>SSR</i> ★				95 V N1	FR	
205/55 R 17 XL	95 V N2	FR			95 V ★	FR	
225/55 R 17	97 H ★			245/40 R 18 XL	97 V MO	FR	
245/55 R 17	102 H <i>SSR</i> ★				97 V A0	FR	
<b>50 series</b>					97 W A0	FR	
205/50 R 17 XL	93 V <i>SSR</i>	FR		255/40 R 18 XL	99 V	FR	
225/50 R 17	94 H ★	FR			99 V N1	FR	
235/50 R 17 XL	100 V N2	FR		265/40 R 18 XL	101 V N1	FR	
245/50 R 18	100 H <i>SSR</i> ★		→	255/40 R 19 XL	100 V	FR	
<b>45 series</b>				285/40 R 19 XL	107 V N0	FR	
225/45 R 17	91 H <i>SSR</i> ★	FR		255/40 R 20 XL	101 V N0	FR	
225/45 R 17 XL	94 V <i>SSR</i> ★	FR		<b>35 series</b>			
245/45 R 17 XL	99 V MO	FR ML		235/35 R 19 XL	91 V MO	FR	
255/45 R 17 XL	102 V MO	FR		245/35 R 19 XL	93 V MO	FR	
245/45 R 18 XL	100 V ★	FR			93 W	FR	
	100 V <i>SSR</i> ★	FR	→	285/35 R 20 XL	104 V N0	FR	
245/45 R 19 XL	102 V <i>SSR</i> ★	FR	→	<b>30 series</b>			
255/45 R 19 XL	104 V N0	FR		275/30 R 19 XL	96 V MO	FR	
					96 W	FR	

See cover foldout for footnotes

## ContiWinterContact™ TS 810

Sporty and safe – for high performance and executive cars

- Outstanding grip and braking performance on ice and snow
- Excellent performance in the wet
- Superb ride comfort
- Long service life



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

65 series	
185/65 R 15	88 T MO ML
195/65 R 15	91 T MO ML

60 series	
195/60 R 16	89 H MO ML
205/60 R 16	92 H MO ML
215/60 R 16 XL	99 H
55 series	
195/55 R 16	87 T MO FR

50 series	
225/50 R 16	92 H MO
45 series	
225/45 R 17 XL	94 V MO FR

See cover foldout for footnotes

## ContiWinterContact™ TS 790 V

Proven and safe for mid-range and executive cars

- Approved for speeds up to 240 km/h (150 mph)
- Superb handling and braking performance
- Good characteristics on snow and ice
- Excellent resistance to aquaplaning



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

55 series	50 series	40 series
235/55 R 17 XL 103 V FR	235/50 R 18 XL 101 V FR	255/40 R 17 XL 98 V FR
	245/50 R 18 XL 104 V ★ FR	
	45 series	
	225/45 R 17 XL 94 V	
	225/45 R 18 XL 95 V FR	

See cover foldout for footnotes

## ContiWinterContact™ TS 790

Proven and safe for mid-range and executive cars

- Excellent grip and braking performance on snow and ice
- Superb handling on dry surfaces
- Good resistance against aquaplaning



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

60 series		
225/60 R 15	96 H	★
225/60 R 16	98 H	
225/60 R 17	99 H	FR

See cover foldout for footnotes

55 series		
185/55 R 15	82 T	FR ML
185/55 R 15 <b>Rf.</b>	86 H	FR
225/55 R 16	95 H	★ FR
245/55 R 17	102 H	★ FR
50 series		
195/50 R 16	84 T	<b>MO</b> FR
205/50 R 16	87 H	FR
205/50 R 17 <b>XL</b>	93 H	★ FR
275/50 R 19 <b>XL</b>	112 H	<b>MO</b> FR

45 series		
195/45 R 16	80 T	FR

## ContiWinterContact™ TS 780

Reliable and safe for compact and mid-range cars

- Excellent cornering stability and traction
- Superb performance on snow
- Particularly quiet

Size range

<b>80 series</b>		
145/80 R 13	75 Q	
155/80 R 13	79 Q	
<b>70 series</b>		
145/70 R 13	71 Q	
165/70 R 13	79 T	
175/70 R 13	82 T	



## ContiWinterContact™ TS 760

Size range

145/80 R 14	76 T	
135/70 R 15	70 T	FR
155/70 R 15	78 T	
145/65 R 15	72 T	FR
155/65 R 15	77 T	
175/55 R 15	77 T	FR

See cover foldout for footnotes

## ContiCrossContact UHP

For high performance four-wheel drive vehicles

- For high speed road use
- Short braking distances through bionic contour
- High cornering stability and large safety reserves
- Outstanding handling and driving enjoyment
- Excellent protection against aquaplaning

Also available as SSR<sup>\*)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

<sup>\*)</sup> **SSR** – Self Supporting Runflat tyre, see page 40 for further details



Size range see following page →

## ContiCrossContact UHP

## Size range

<b>65 series</b>			<b>45 series</b>		
235/65 R 17	104 V	FR	235/45 R 19	95 W	FR
235/65 R 17 <b>XL</b>	108 V <b>NO</b>	FR	255/45 R 19	100 V <b>MO</b>	FR
<b>60 series</b>			285/45 R 19	107 W <b>MO</b>	FR ML
235/60 R 16	100 H		285/45 R 19 <b>XL</b>	111 V <b>SSR</b> ★ <sup>1)</sup>	
255/60 R 17	106 V			111 W <b>SSR</b> ★ <sup>1)</sup>	
235/60 R 18	103 V	FR	295/45 R 19	109 Y (ZR) <b>MO</b>	FR
235/60 R 18 <b>XL</b>	107 V	FR	245/45 R 20 <b>XL</b>	103 V E	FR
	107 W <b>AO</b>	FR	255/45 R 20 <b>XL</b>	105 W	FR
255/60 R 18 <b>XL</b>	112 H		275/45 R 20 <b>XL</b>	110 W	FR →
	112 V	FR □	295/45 R 20 <b>XL</b>	114 W (ZR)	FR
<b>55 series</b>			<b>40 series</b>		
225/55 R 17	97 W	FR	255/40 R 19	96 W	FR
235/55 R 17	99 H	FR	275/40 R 20 <b>XL</b>	106 Y E	FR
275/55 R 17	109 V	FR	295/40 R 20	106 Y (ZR) <b>MO</b>	FR
225/55 R 18	98 H		295/40 R 20 <b>XL</b>	110 Y <b>R01</b>	FR
	98 V (E)	FR		(110) ZR	FR
255/55 R 18	105 W <b>MO</b>		265/40 R 21 <b>XL</b>	105 Y <b>MO</b>	FR →
255/55 R 18 <b>XL</b>	109 H <b>SSR</b> ★ <sup>1)</sup>		295/40 R 21 <b>XL</b>	111 W <b>MO</b>	FR
	109 V	FR	305/40 R 22 <b>XL</b>	114 W (ZR)	FR
	109 V <b>SSR</b> ★ <sup>1)</sup>		<b>35 series</b>		
	109 W	FR	295/35 R 21 <b>XL</b>	107 Y <b>NO</b>	FR
	109 Y	FR		107 Y (ZR) <b>MO</b>	FR
	109 Y <b>N1</b>	FR	275/35 R 22 <b>XL</b>	(104) ZR	FR
255/55 R 18 <b>C</b>	116/114 T 8 PR		285/35 R 22 <b>XL</b>	106 W	FR
235/55 R 19 <b>XL</b>	105 V (E)	FR	<b>30 series</b>		
255/55 R 19 <b>XL</b>	111 H		315/30 R 22 <b>XL</b>	107 Y	FR
235/55 R 20	102 W	FR	305/30 R 23 <b>XL</b>	105 W	FR
<b>50 series</b>			1) Tread pattern ContiContact UHP		
235/50 R 18	97 V	FR			
	97 V <b>AO</b>	FR			
285/50 R 18	109 W	FR			
235/50 R 19	99 V <b>MO</b>	FR			
255/50 R 19	103 W <b>MO</b>	FR			
255/50 R 19 <b>XL</b>	107 V <b>SSR</b> ★ <sup>1)</sup>				
	107 W <b>SSR</b> ★ <sup>1)</sup>				
	107 Y	FR			
265/50 R 19 <b>XL</b>	110 Y	FR			
255/50 R 20 <b>XL</b>	109 Y	FR			
265/50 R 20 <b>XL</b>	111 V	FR			
275/50 R 20	109 W <b>MO</b>	FR			
285/50 R 20 <b>XL</b>	116 W (ZR)	FR			

See cover foldout for footnotes



# ContiCrossContact LX

For medium to heavy 4x4 vehicles

- A high-performance tyre for on-road and general off-road use
- Precise steering response and superb straight-line tracking
- Good protection against aquaplaning
- Excellent handling and braking performance



Size range

<b>75 series</b>		
225/75 R 15	102 T	FR
235/75 R 15 <b>XL</b>	109 T	FR
225/75 R 16	104 S	FR
235/75 R 16	108 S	FR
245/75 R 16	111 S	FR
265/75 R 16	116 T	FR
<b>70 series</b>		
205/70 R 15	96 H	
225/70 R 15	100 T	FR
235/70 R 15	103 T	FR
255/70 R 15	108 S	FR
265/70 R 15	112 S	FR
	112 H	
215/70 R 16	100 T	FR
225/70 R 16	102 H	
235/70 R 16	106 T	FR
	106 H	
245/70 R 16	107 T	FR
	107 H	
245/70 R 16 <b>XL</b>	111 T	FR
255/70 R 16	111 T	FR →
265/70 R 16	112 T	
	112 H	
275/70 R 16	114 S	FR
265/70 R 17	115 T	FR
265/70 R 18	116 S	
<b>65 series</b>		
215/65 R 16	98 H	FR
255/65 R 16	109 H	
225/65 R 17	102 T	
235/65 R 17 <b>XL</b>	108 H	FR

### **65 series (continued)**

245/65 R 17	107 H	FR
255/65 R 17	110 T	
	110 H	FR
265/65 R 17	112 T	FR
	112 H	FR

### **60 series**

195/60 R 16	89 T	
215/60 R 17	96 H	FR
255/60 R 17	106 H	
275/60 R 17	110 S	FR
255/60 R 18 <b>XL</b>	112 V	FR
265/60 R 18	110 T	

### **55 series**

275/55 R 17	109 V	FR
255/55 R 18 <b>XL</b>	109 H	FR
275/55 R 20 <b>XL</b>	117 S	

### **45 series**

275/45 R 20 <b>XL</b>	110 S	FR
285/45 R 22 <b>XL</b>	114 H	FR

## ContiCross Contact LX Sport

### **70 series**

215/70 R 16	100 H	
245/70 R 16 <b>XL</b>	111 T	

### **65 series**

235/65 R 17	104 H <b>MO</b>	FR
	104 V <b>MO</b>	

### **60 series**

225/60 R 17	99 H	
235/60 R 18	103 H	FR →
	103 H <b>AO</b>	FR

### **55 series**

255/55 R 18	105 H <b>MO</b>	
255/55 R 18 <b>XL</b>	109 H	FR
	109 V <b>NO</b>	FR
235/55 R 19	101 H <b>AO</b>	FR

### **50 series**

255/50 R 19 <b>XL</b>	107 H <b>MO</b>	
	107 H	
	<b>SSR MO Ext.</b>	

### **45 series/40**

265/45 R 20 <b>XL</b>	108 H <b>MO</b>	
275/45 R 20 <b>XL</b>	110 H	FR
	110 V <b>NO</b>	FR
265/40 R 21 <b>XL</b>	105 V <b>MO</b>	FR

See cover foldout for footnotes

## ContiCrossContact AT

On or off road: all terrain, all under control

- High-performance all-terrain tyre /superb on and off-road performance
- Excellent traction
- Outstanding mileage performance
- Quiet ride
- Self-cleaning for longer tyre life



Size range

<b>80/85 series</b>			
235/85 R 16 C	114/111 S		
LT 235/85 R 16	120/116 S		
215/80 R 15 C	111/109 S		
205/80 R 16 XL	104 T	FR	
<b>75 series</b>			
235/75 R 15 XL	109 S	FR	
245/75 R 15 C	109/107 S		
LT 245/75 R 16	120/116 S	FR	

<b>70 series</b>			
205/70	R 15	96 T	FR
225/70	R 15	100 S	FR
255/70	R 15	108 S	FR
235/70	R 16	106 S	FR
245/70	R 16	107 S	FR
245/70	R 16 XL	111 S	FR
265/70	R 16	112 S	FR
275/70	R 16	114 S	FR →
<b>65 series</b>			
215/65	R 16	98 T	
235/65	R 17 XL	108 H	FR
265/65	R 17	112 T	

<b>60 series</b>			
255/60 R 18 XL	112 T	FR	
<b>Flotation sizes</b>			
LT 27 x 8.50	R 14	95 Q	
LT 30 x 9.50	R 15	104 S	FR
LT 31 x 10.50	R 15	109 S	FR

See cover foldout for footnotes

## Conti4x4Contact

For four-wheel comfort

- Excellent noise levels and comfort in on-road use
- Good protection against aquaplaning
- Good traction both on the road and in general off-road usage through high sipe density

Also available as SSR<sup>\*)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

<sup>\*)</sup> SSR – Self Supporting Runflat tyre, [see page 40](#) for further details



Size range

82/80 series		60 series		50 series	
195/80 R 15	96 H	235/60 R 16	100 T	235/50 R 18	97 V FR →
205 R 16 C	110/108 S	235/60 R 17	102 H MO ML	235/50 R 18 XL	101 H FR
<b>75 series</b>			102 V MO ML	235/50 R 19	99 H MO ML
215/75 R 16 XL	107 H	255/60 R 17	106 H		99 V MO ML
<b>70 series</b>		235/60 R 18	103 H FR	255/50 R 19 XL	107 H MO ML
205/70 R 15	96 T	265/60 R 18	110 H MO FR ML		107 H SSR★
225/70 R 16	102 H		110 V MO FR ML		107 V FR
235/70 R 17 XL	111 H	<b>55 series</b>		265/50 R 19 XL	110 H (AD) FR
<b>65 series</b>		235/55 R 17	99 V FR	<b>45 series</b>	
185/65 R 15	88 T	255/55 R 17	104 V MO ML	275/45 R 19 XL	108 V NO FR
215/65 R 16	98 H	255/55 R 18	105 H MO FR ML	265/45 R 20 XL	108 H MO ML
215/65 R 16 XL	102 V		105 V MO FR ML	275/45 R 20 XL	110 H FR
255/65 R 16	109 H	255/55 R 18 XL	109 H FR		
225/65 R 17	102 T		109 V N1 FR		
235/65 R 17	104 H MO FR	235/55 R 19 XL	105 H FR		
	104 V (MO) FR ML	255/55 R 19 XL	111 V		
235/65 R 17 XL	108 V	275/55 R 19	111 H MO FR ML		
	108 V N1 FR		111 V MO FR ML		

See cover foldout for footnotes

## Conti4x4SportContact

For high performance four-wheel drive vehicles

- Suitable for high speed road use
- Good cornering stability through asymmetric tread pattern
- Good protection against aquaplaning
- Excellent noise levels and comfort



Size range

### 45 series

275/45 R 19 XL 108 Y NO FR

### 40 series

275/40 R 20 XL 106 Y FR  
106 Y NO FR

### 35 series

315/35 R 20 XL (110) ZR FR

See cover foldout for footnotes

## ContiTrac SUV

For medium to heavy 4x4 vehicles

- Suitable for on-road and general off-road use
- Outstanding handling and braking performance
- Good protection against aquaplaning and minimal stone retention
- Excellent traction and high ride comfort



Size range

70 series	
P 235/70 R 16	104 T*
245/70 R 16 XL	111 S*
255/70 R 16	111 T*
	111 H*

See cover foldout for footnotes

\*Tread pattern ContiTrac

## ContiCrossContactWinter

Robust and safe – for use on 4x4 vehicles

- Excellent traction and braking performance on snow
- Outstanding handling on snow-covered and dry roads
- High protection against aquaplaning
- Quiet and low rolling resistance



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

<b>82/85 series</b>				<b>65 series</b>				<b>50 series</b>			
205	R 16 C	110/108 T	→	175/65	R 15	84 T	→	235/50	R 18	97 H	FR
LT 215/85	R 16	115/112 Q		215/65	R 16	98 T		255/50	R 20 XL	109 V	FR
<b>75 series</b>						98 H		<b>45 series</b>			
225/75	R 16	104 T		255/65	R 16	109 H		275/45	R 19 XL	108 V	FR →
LT 245/75	R 16	120/116 Q		225/65	R 17	102 T		285/45	R 19 XL	111 V MO	FR
<b>70 series</b>				235/65	R 17 XL	108 H	FR	275/45	R 20 XL	110 V	FR
205/70	R 15	96 T		245/65	R 17 XL	111 T		<b>40 series</b>			
215/70	R 16	100 T		255/65	R 17	110 H	FR	275/40	R 20 XL	106 V	FR
225/70	R 16	102 H		235/65	R 18 XL	110 H	FR →	295/40	R 20 XL	110 V (MO)	FR
235/70	R 16	106 T		<b>60 series</b>				<b>35 series</b>			
245/70	R 16	107 T		225/60	R 17	99 H		295/35	R 21 XL	107 V	FR
265/70	R 16	112 T		235/60	R 17	102 H MO					
235/70	R 17 XL	111 T		255/60	R 18 XL	112 H					
				<b>55 series</b>							
				225/55	R 17	97 H	FR				
				235/55	R 18	100 H	FR				
				255/55	R 18 XL	109 V					
				235/55	R 19 XL	105 H	FR				
				255/55	R 19 XL	111 V	FR				

See cover foldout for footnotes

## Conti4x4WinterContact

Robust and safe – for use on 4x4 vehicles

- Exceptional traction and braking performance
- Outstanding driving stability – even on snow-covered roads
- Excellent driving comfort and quiet ride
- Excellent resistance to aquaplaning

Also available as SSR<sup>1)</sup> runflat tyre. In addition to the specified performance features, these tyres also have runflat properties

- for distances up to 80 kilometres (50 miles)
- at a maximum speed of 80 km/h (50 mph)

<sup>1)</sup> **SSR** – Self Supporting Runflat tyre, see page 40 for further details



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

Size range

80 series		
195/80 R 15	96 T	
205/80 R 16 XL	104 T	
75 series		
235/75 R 15 XL	109 T	
70 series		
265/70 R 15	112 T	

See cover foldout for footnotes

65 series		
175/65 R 15	84 T	
235/65 R 17	104 H *	
	104 H MO ML	
235/65 R 17 XL	108 H NO FR	
265/65 R 17	112 T	
60 series		
235/60 R 16	100 T	
215/60 R 17	96 H *	FR
255/60 R 17	106 H	
235/60 R 18 XL	107 H	FR
265/60 R 18	110 H MO ML	

55 series		
235/55 R 17	99 H *	FR
275/55 R 17	109 H	
255/55 R 18	105 H *	FR
	105 H MO FR ML	
255/55 R 18 XL	109 H SSR*FR	
	109 V	FR
50 series		
255/50 R 19 XL	107 V	FR
	107 V SSR*FR	

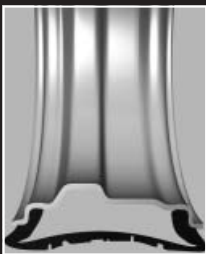
## The SSR tyres from Continental – advanced runflat technology.



- Reduced danger and hassle
- Drive to safety for up to 80 kilometres at 80 km/h
- Compatible with standard wheel rims (H2)
- No need for a spare wheel and jack

### The secret of SSR.

Continental's SSR tyres use reinforced sidewalls to support the vehicle in the event of a loss of air pressure. SSR technology prevents the side of the flat tyre from being crushed between the road and wheel rim.



*Standard tyres  
The deflated tyre gets trapped beneath the rim and is destroyed.*



*SSR runflat tyres  
The stable sidewalls support the tyre if it loses air.*

### Increased safety thanks to reinforced sidewalls.

SSR tyres allow for a controlled continuation of your journey at a reduced speed of up to a distance of 80 km at a maximum speed of 80 km/h depending on the condition of the roads, the condition of the tyre and the weight of the vehicle.

### Communication between tyre and driver.

As SSR tyres offer a very high standard of driving comfort, the driver will barely notice any loss of pressure in the tyre. For this reason, Continental SSR tyres may only be used on vehicles equipped with a tyre pressure monitoring system, which will display the drop in tyre pressure on the dashboard instrument panel.

### Note:

SSR tyres may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system.

The brochure "SSR Runflat Tyres – Important information for drivers" contains important details about using SSR runflat tyres.

The tread patterns and sizes available as SSR runflat tyre can be found in the current product range of summer and winter passenger tyres.

As dealer, you need to get training and certification for the professional mounting and removal of SSR tyres under [www.conti-ssr.co.uk](http://www.conti-ssr.co.uk) – see also [www.conti-ssr.com](http://www.conti-ssr.com)

(SSR training, product information and certificate)



## The self-sealing standard production tyre from Continental.

For enhanced mobility and safety, even if a foreign object penetrates the tyre tread.

ContiSeal tyres contain an innovative technology which seals punctures in the tread area. ContiSeal tyres have a sticky, viscous layer from shoulder to shoulder that instantly seals punctures caused by nails and other objects up to 5 mm in diameter. The layer temporarily seals the vast majority of tyre tread punctures.

The material in the sealant layer prevents air loss even if the penetrating object becomes dislodged. As a result there is no need to stop straight away or change the tyre immediately in the event of a puncture. Despite this, the tyre should be taken as soon as possible to a tyre specialist who can examine it to determine if it needs a permanent repair.

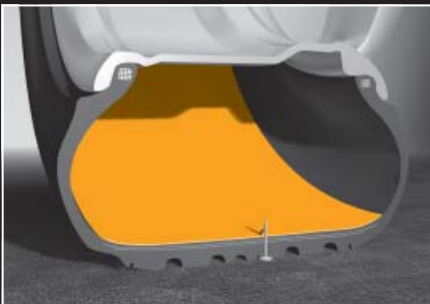
ContiSeal tyres are instantly regocnisable by the nail symbol on the sidewall and are compatible with all commonly available wheel rims.

### ContiSeal tyres – the benefits at a glance:

- punctures in the tread area caused by penetrating objects up to 5 mm in diameter are sealed
- holes are sealed even if the penetrating object becomes dislodged
- same high performance under normal driving conditions as non ContiSeal tyres
- no need to stop straight away or change the tyre

For detailed information about ContiSeal tyres – use, inspection, storing, mounting / demounting, repair, disposal – please see [www.contiseal.com](http://www.contiseal.com)

**ContiSeal**



Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>82 series</b>							
125 R 12	63	272	3.00 B	127			
			<b>3.50 B</b>	<b>132</b>	518	233	1555
			4.00 B	137			
<b>80 series</b>							
135/80 R 13	70	335	<b>3.50 B<sup>4)</sup></b>	<b>138</b>	554	249	1665
			4.00 B <sup>4)</sup>	143			
			4.50 B <sup>4)</sup>	148			
145/80 R 13	75	387	3.50 B <sup>4)</sup>	146			
			<b>4.00 B<sup>4)</sup></b>	<b>151</b>	572	256	1714
			4.50 B <sup>4)</sup>	156			
155/80 R 13	79	437	4.00 B <sup>4)</sup>	158			
			<b>4.50 B<sup>4)</sup></b>	<b>163</b>	588	262	1763
			5.00 B <sup>4)</sup>	168			
165/80 R 13	83	487	4.00 B <sup>4)</sup>	167			
			<b>4.50 B<sup>4)</sup></b>	<b>172</b>	604	268	1812
			5.00 B <sup>4)</sup>	177			
145/80 R 14	76	400	5.50 B <sup>4)</sup>	182			
			3.50 B <sup>4)</sup>	146			
			<b>4.00 B<sup>4)</sup></b>	<b>151</b>	598	268	1793
175/80 R 14	88	560	4.50 B <sup>4)</sup>	156			
			5.00 B <sup>4)</sup>	161			
			<b>4 ½ J</b>	<b>179</b>			
185/80 R 14 Rf.	94	670	<b>5 J</b>	<b>184</b>	648	287	1940
			5 ½ J	189			
			6 J	194			
165/80 R 15	87	545	4 ½ J	179			
			<b>5 J</b>	<b>191</b>	664	293	1989
			5 ½ J	196			
165/80 R 15	87	545	6 J	201			
			4 J	167			
			<b>4 ½ J</b>	<b>172</b>	655	293	1967
165/80 R 15	87	545	5 J	177			
			5 ½ J	182			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>70 series</b>							
145/70 R 13	71	345	3.50 B <sup>4)</sup>	146			
			4.00 B <sup>4)</sup>	151			
			<b>4.50 B<sup>4)</sup></b>	<b>156</b>	542	244	1629
			5.00 B <sup>4)</sup>	161			
155/70 R 13	75	387	4.00 B <sup>4)</sup>	158			
			<b>4.50 B<sup>4)</sup></b>	<b>163</b>	556	250	1671
			5.00 B <sup>4)</sup>	168			
165/70 R 13 XL / Rf.	79	437	4.00 B <sup>4)</sup>	167			
	83	487	4.50 B <sup>4)</sup>	172			
			<b>5.00 B<sup>4)</sup></b>	<b>177</b>	572	255	1714
			5.50 B <sup>4)</sup>	182			
175/70 R 13	82	475	4.50 B <sup>4)</sup>	179			
			<b>5.00 B<sup>4)</sup></b>	<b>184</b>	586	261	1757
			5.50 B <sup>4)</sup>	189			
			6.00 B <sup>4)</sup>	194			
185/70 R 13	86	530	4.50 B <sup>4)</sup>	187			
			5.00 B <sup>4)</sup>	192			
			<b>5.50 B<sup>4)</sup></b>	<b>197</b>	600	266	1800
			6.00 B <sup>4)</sup>	202			
165/70 R 14 XL / Rf.	81	462	4 J	167			
	85	515	4.50 B <sup>4)</sup>	172			
			<b>5.00 B<sup>4)</sup></b>	<b>177</b>	598	268	1793
			5.50 B <sup>4)</sup>	182			
175/70 R 14	84	500	4 ½ J	179			
			<b>5.00 B<sup>4)</sup></b>	<b>184</b>	612	273	1836
			5.50 B <sup>4)</sup>	189			
			6 J	194			
185/70 R 14	88	560	4 ½ J	187			
			5 J	192			
			<b>5 ½ J</b>	<b>197</b>	626	279	1879
			6 J	202			
195/70 R 14	91	615	5 J	199			
			5 ½ J	204			
			<b>6 J</b>	<b>209</b>	640	284	1922
			6 ½ J	214			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>70 series</b>							
135/70 R 15	70	335	3 ½ J	139			
			<b>4 J</b>	<b>144</b>	579	264	1742
			4 ½ J	149			
155/70 R 15	78	425	4 J	158			
			<b>4 ½ J</b>	<b>163</b>	607	275	1827
			5 J	168			
195/70 R 15 Rf.	97	730	5 J	199			
			5 ½ J	204			
			<b>6 J</b>	<b>209</b>	665	297	1998
			6 ½ J	214			
205/70 R 15	96	710	5 J	207			
			5 ½ J	212			
			<b>6 J</b>	<b>217</b>	681	302	2040
			6 ½ J	222			
			7 J	227			
215/70 R 15	98	750	5 ½ J	219			
			6 J	225			
			<b>6 ½ J</b>	<b>230</b>	695	308	2083
			7 J	235			
P 235/70 R 15	103	875	6 J	240			
			6 ½ J	245			
			<b>7 J</b>	<b>250</b>	725	319	2169
			7 ½ J	255			
8 J	260						
<b>65 series</b>							
155/65 R 13	73	365	<b>4.50 B<sup>4)</sup></b>	<b>163</b>	540	244	1623
			5.00 B <sup>4)</sup>	168			
			5.50 B <sup>4)</sup>	173			
165/65 R 13	77	412	4.50 B <sup>4)</sup>	172			
			<b>5.00 B<sup>4)</sup></b>	<b>177</b>	552	249	1659
			5.50 B <sup>4)</sup>	182			
			6.00 B <sup>4)</sup>	187			
175/65 R 13	80	450	<b>5.00 B<sup>4)</sup></b>	<b>184</b>	568	254	1702
			5.50 B <sup>4)</sup>	189			
			6.00 B <sup>4)</sup>	194			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>65 series</b>							
155/65 R 14		75	387	<b>4.50 B<sup>4)</sup></b>	<b>163</b>	566	256
				5.00 B <sup>4)</sup>	168		
				5.50 B <sup>4)</sup>	173		
165/65 R 14		79	437	<b>4.50 B<sup>4)</sup></b>	<b>172</b>	578	261
				<b>5.00 B<sup>4)</sup></b>	<b>177</b>		
				5.50 B <sup>4)</sup>	182		
175/65 R 14	XL / Rf.	82	475	<b>5.00 B<sup>4)</sup></b>	<b>184</b>	594	267
				6 J	189		
				6 J	194		
185/65 R 14		86	530	5 J	192	606	272
				<b>5 ½ J</b>	<b>197</b>		
				6 J	202		
195/65 R 14		89	580	6 ½ J	207	620	277
				<b>5 ½ J</b>	<b>204</b>		
				<b>6 J</b>	<b>209</b>		
145/65 R 15		72	355	6 ½ J	214	577	264
				7 J	219		
				<b>4 J</b>	<b>151</b>		
155/65 R 15		77	412	<b>4 ½ J</b>	<b>156</b>	591	269
				5 J	161		
				<b>5 J</b>	<b>163</b>		
165/65 R 15		81	462	5 J	168	603	274
				5 ½ J	173		
				<b>4 ½ J</b>	<b>172</b>		
175/65 R 15		84	500	<b>5 J</b>	<b>177</b>	619	279
				6 J	187		
				5 ½ J	182		
185/65 R 15		88	560	<b>5 J</b>	<b>184</b>	631	284
				6 J	194		
				5 ½ J	189		
195/65 R 15	XL / Rf.	91	615	<b>5 J</b>	<b>187</b>	645	289
				6 J	194		
				<b>6 J</b>	<b>209</b>		
205/65 R 15	Rf.	94	670	6 ½ J	214	657	294
				7 J	219		
				<b>5 ½ J</b>	<b>212</b>		
205/65 R 15	Rf.	99	775	<b>6 J</b>	<b>217</b>	657	294
				6 ½ J	222		
				7 J	227		
				7 ½ J	232		

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>65 series</b>							
215/65 R 15	Rf.	96	710	6 J	225		
		100	800	<b>6 ½ J</b>	<b>230</b>	673	300
				7 J	235		
				<b>7 ½ J</b>	240		
215/65 R 16		98	750	6 J	225		
				<b>6 ½ J</b>	<b>230</b>	698	312
				7 J	235		
				<b>7 ½ J</b>	240		
215/65 R 17		98	750	6 J	225		
		99	775	<b>6 ½ J</b>	<b>230</b>	724	325
				7 J	235		
				<b>7 ½ J</b>	240		
<b>60 series</b>							
165/60 R 14	XL	75	387	4 ½ J	172		
		79	437	<b>5 J<sup>5)</sup></b>	<b>177</b>	562	255
				5 ½ J	182		
				6 J	187		
175/60 R 14		79	437	<b>5 J<sup>5)</sup></b>	<b>184</b>	574	260
				5 ½ J	189		
				6 J	194		
185/60 R 14		82	475	5 J	192		
				<b>5 ½ J</b>	<b>197</b>	586	264
				6 J	202		
				<b>6 ½ J</b>	207		
195/60 R 14		86	530	5 ½ J	204		
				<b>6 J</b>	<b>209</b>	600	269
				6 ½ J	214		
				7 J	219		
155/60 R 15		74	375	<b>4 ½ J</b>	<b>163</b>	575	263
				5 J	168		
				5 ½ J	174		
175/60 R 15		81	462	<b>5 J</b>	<b>184</b>	599	272
				5 ½ J	189		
				6 J	194		
185/60 R 15	XL	84	500	5 J	192		
		88	560	<b>5 ½ J</b>	<b>197</b>	611	277
				6 J	202		
				<b>6 ½ J</b>	207		
195/60 R 15		88	560	5 ½ J	204		
				<b>6 J</b>	<b>209</b>	625	282
				6 ½ J	214		
				7 J	219		

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Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>60 series</b>							
205/60 R 15  XL / Rf.	91	615	5 ½ J	212			
			<b>6 J</b>	<b>217</b>	637	286	1912
			6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/60 R 15 XL	98	750	6 J	225			
			<b>6 ½ J</b>	<b>230</b>	649	291	1949
			7 J	235			
			7 ½ J	240			
225/60 R 15	96	710	6 J	232			
			<b>6 ½ J</b>	<b>237</b>	661	296	1986
			7 J	242			
			7 ½ J	247			
175/60 R 16	82	475	<b>5 J</b>	<b>184</b>	624	285	1879
			5 ½ J	189			
			6 J	194			
185/60 R 16	86	530	5 J	192			
			<b>5 ½ J</b>	<b>197</b>	636	290	1915
			6 J	202			
195/60 R 16	89	580	5 ½ J	204			
			<b>6 J</b>	<b>209</b>	650	294	1952
			6 ½ J	215			
			7 J	220			
205/60 R 16  XL	92	630	5 ½ J	212			
			<b>6 J</b>	<b>217</b>	662	299	1989
			6 ½ J	222			
			7 J	227			
215/60 R 16  XL / Rf.	95	690	6 J	225			
			<b>6 ½ J</b>	<b>230</b>	674	304	2025
			7 J	235			
225/60 R 16  XL / Rf.	98	750	6 J	232			
			<b>6 ½ J</b>	<b>237</b>	686	309	2062
			7 J	242			
235/60 R 16  Rf.	100	800	6 ½ J	245			
			<b>7 J</b>	<b>250</b>	700	313	2098
			7 ½ J	255			
			8 J	260			
235/60 R 16  Rf.	104	900	8 J	260			
			8 ½ J	265			

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index	Load capacity  kg		Width (mm)	Outer-Ø (mm)			
60 series								
215/60 R 17		96	710	6 J	225			
				<b>6 ½ J</b>	<b>230</b>	700	317	2105
				7 J	235			
				7 ½ J	240			
225/60 R 17		99	775	6 J	232			
				<b>6 ½ J</b>	<b>237</b>	712	321	2141
				7 J	242			
				7 ½ J	247			
225/60 R 18	XL	100	800	6 J	232			
				<b>6 ½ J</b>	<b>237</b>	737	334	2217
				7 J	242			
				7 ½ J	247			
		103	875	8 J	252			
				7 J	242			
				7 ½ J	247			
				8 J	252			
55 series								
185/55 R 14		80	450	5 J	192			
				5 ½ J	197			
				<b>6 J</b>	<b>202</b>	568	257	1708
				6 ½ J	207			
175/55 R 15		77	412	5 J	184			
				<b>5 ½ J</b>	<b>189</b>	581	266	1748
				6 J	194			
185/55 R 15	XL / Rf.	81	462	5 J	192			
				5 ½ J	197			
				<b>6 J</b>	<b>202</b>	593	270	1784
				6 ½ J	207			
195/55 R 15	XL / Rf.	85	515	5 ½ J	204			
				<b>6 J</b>	<b>209</b>	603	274	1815
				6 ½ J	214			
		89	580	7 J	219			
				5 ½ J	213			
				<b>6 ½ J</b>	<b>223</b>	617	278	1851
				7 J	228			
205/55 R 15		88	560	7 ½ J	233			
				5 J	192			
				5 ½ J	197			
185/55 R 16	XL	83	487	<b>6 J</b>	<b>202</b>	618	283	1861
				6 ½ J	207			
				5 J	192			
				5 ½ J	197			
		87	545	6 J	202	618	283	1861
				6 ½ J	207			

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Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)		
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)				
<b>55 series</b>									
195/55 R 16		87	545	5 ½ J	204				
	XL	91	615	<b>6 J</b>	<b>209</b>	628	287	1891	
					6 ½ J	214			
				7 J	219				
205/55 R 16		91	615	5 ½ J	213				
	XL	94	670	6 J	218				
					<b>6 ½ J</b>	<b>223</b>	642	291	1928
					7 J	228			
				7 ½ J	233				
215/55 R 16		93	650	6 J	225				
	Rf.	95	690	6 ½ J	230				
	XL	97	730	<b>7 J</b>	<b>235</b>	652	295	1958	
					7 ½ J	240			
225/55 R 16		95	690	6 J	232				
	XL	99	775	6 ½ J	237				
					<b>7 J</b>	<b>242</b>	664	300	1995
					7 ½ J	247			
					8 J	252			
205/55 R 17		91	615	5 ½ J	213				
	XL	95	690	6 J	218				
					<b>6 ½ J</b>	<b>223</b>	668	304	2007
					7 J	228			
					7 ½ J	233			
215/55 R 17		94	670	6 J	225				
	XL	98	750	6 ½ J	230				
					<b>7 J</b>	<b>235</b>	678	308	2037
					7 ½ J	240			
225/55 R 17		97	730	6 J	232				
	XL / Rf.	101	825	6 ½ J	237				
					<b>7 J</b>	<b>242</b>	690	312	2074
					7 ½ J	247			
					8 J	252			
235/55 R 17		99	775	6 ½ J	245				
	XL / Rf.	103	875	7 J	250				
					<b>7 ½ J</b>	<b>255</b>	700	317	2105
					8 J	260			
					8 ½ J	265			
245/55 R 17		102	850	7 J	258				
				<b>7 ½ J</b>	<b>263</b>	712	321	2141	
				8 J	268				
				8 ½ J	273				

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index <sup>1)</sup>  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)			
<b>55 series</b>								
215/55 R 18		95	690	6 J	225	703	321	
				6 ½ J	230			
				<b>7 J</b>	<b>235</b>			2114
235/55 R 18	XL	100	800	6 ½ J	245	725	329	
				7 J	250			
				<b>7 ½ J</b>	<b>255</b>			2181
				8 J	260			
				8 ½ J	266			
<b>50 series</b>								
175/50 R 13		72	355	5.00 B <sup>4)</sup>	184	514	233	
				<b>5.50 B<sup>4)</sup></b>	<b>189</b>			1543
				6.00 B <sup>4)</sup>	194			
185/50 R 14		77	412	5 J	192	550	250	
				5 ½ J	197			
				<b>6 J</b>	<b>202</b>			1653
				6 ½ J	207			
195/50 R 15		82	475	5 ½ J	204	585	267	
				<b>6 J</b>	<b>209</b>			1760
				6 ½ J	214			
				7 J	219			
205/50 R 15		86	530	5 ½ J	213	595	270	
				6 J	218			
				<b>6 ½ J</b>	<b>223</b>			1790
				7 J	228			
				7 ½ J	233			
185/50 R 16		81	462	5 J	192	600	275	
				5 ½ J	197			
				<b>6 J</b>	<b>202</b>			1806
				6 ½ J	207			
195/50 R 16	XL	84	500	5 ½ J	204	610	279	
				<b>6 J</b>	<b>209</b>			1836
				6 ½ J	214			
				7 J	219			
205/50 R 16		87	545	5 ½ J	213	620	283	
				6 J	218			
				<b>6 ½ J</b>	<b>223</b>			1867
				7 J	228			
				7 ½ J	233			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>				
<b>50 series</b>								
225/50 R 16	XL	92	630	6 J	232			
		93	650	6 ½ J	237			
		96	710	<b>7 J</b>	<b>242</b>	642	291	1928
				7 ½ J	247			
				8 J	252			
205/50 R 17	XL	89	580	5 ½ J	213			
		93	650	6 J	218			
				<b>6 ½ J</b>	<b>223</b>	646	296	1946
				7 J	228			
				7 ½ J	233			
215/50 R 17	XL	91	615	6 J	225			
		95	690	6 ½ J	230			
				<b>7 J</b>	<b>235</b>	656	300	1976
				7 ½ J	240			
225/50 R 17	XL	94	670	6 J	232			
		98	750	6 ½ J	237			
				<b>7 J</b>	<b>242</b>	668	304	2007
				7 ½ J	247			
				8 J	252			
235/50 R 17	XL	96	710	6 ½ J	245			
		100	800	7 J	250			
				<b>7 ½ J</b>	<b>255</b>	678	308	2037
				8 J	260			
				8 ½ J	265			
225/50 R 18	XL	99	775	6 J	232			
				6 ½ J	237			
				<b>7 J</b>	<b>242</b>	693	316	2083
				7 ½ J	247			
				8 J	252			
235/50 R 18	XL	97	730	6 ½ J	245			
		101	825	7 J	250			
				<b>7 ½ J</b>	<b>255</b>	703	320	2114
				8 J	260			
				8 ½ J	265			
245/50 R 18	XL	100	800	7 J	258			
		104	900	<b>7 ½ J</b>	<b>263</b>	713	324	2144
				8 J	268			
				8 ½ J	273			
275/50 R 19	XL	112	1120	7 ½ J	285			
				8 J	290			
				<b>8 ½ J</b>	<b>295</b>	771	349	2315
				9 J	300			
				9 ½ J	305			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>45 series</b>							
195/45 R 13	75	387	6 J	198			
			<b>6 ½ J</b>	<b>203</b>	514	234	1543
			7 J	208			
195/45 R 14	77	412	6 J	198			
			<b>6 ½ J</b>	<b>203</b>	540	246	1623
			7 J	208			
195/45 R 15	78	425	6 J	198			
			<b>6 ½ J</b>	<b>203</b>	565	259	1699
			7 J	208			
195/45 R 16 XL	80	450	6 J	198			
	84	500	<b>6 ½ J</b>	<b>203</b>	590	272	1775
			7 J	208			
205/45 R 16	83	487	6 ½ J	209			
			<b>7 J</b>	<b>214</b>	598	275	1800
			7 ½ J	219			
215/45 R 16 XL	86	530	<b>7 J</b>	<b>222</b>	608	279	1830
	90	600	7 ½ J	227			
			8 J	232			
225/45 R 16	89	580	7 J	229			
			<b>7 ½ J</b>	<b>234</b>	616	282	1854
			8 J	239			
245/45 R 16	94	670	7 ½ J	248			
			<b>8 J</b>	<b>253</b>	634	289	1909
			8 ½ J	258			
195/45 R 17	81	462	6 J	198			
			<b>6 ½ J</b>	<b>203</b>	616	284	1854
			7 J	208			
205/45 R 17 XL	84	500	6 ½ J	209			
	88	560	<b>7 J</b>	<b>214</b>	624	288	1879
			7 ½ J	219			
215/45 R 17 XL	87	545	<b>7 J</b>	<b>222</b>	634	291	1909
	91	615	7 ½ J	227			
			8 J	232			
225/45 R 17 XL / Rf.	91	615	7 J	229			
	94	670	<b>7 ½ J</b>	<b>234</b>	642	295	1934
			8 J	239			
			8 ½ J	244			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)			
<b>45 series</b>								
235/45 R 17		94	670	<b>7 ½ J</b>	240			
	XL	97	730	<b>8 J</b>	<b>245</b>	652	298	1964
				8 ½ J	250			
				9 J	255			
245/45 R 17		95	690	<b>7 ½ J</b>	248			
	XL	99	775	<b>8 J</b>	<b>253</b>	660	302	1989
				8 ½ J	258			
				9 J	263			
255/45 R 17		98	750	<b>8 J</b>	260			
	XL	102	850	<b>8 ½ J</b>	<b>265</b>	672	305	2019
				9 J	270			
				9 ½ J	275			
215/45 R 18 XL		93	650	<b>7 J</b>	<b>222</b>	659	304	1986
				7 ½ J	227			
				8 J	232			
225/45 R 18		91	615	<b>7 J</b>	229			
	XL	95	690	<b>7 ½ J</b>	<b>234</b>	667	308	2010
				8 J	239			
				8 ½ J	244			
235/45 R 18 XL		98	750	<b>7 ½ J</b>	240			
				<b>8 J</b>	<b>245</b>	677	311	2040
				8 ½ J	250			
				9 J	255			
245/45 R 18		96	710	<b>7 ½ J</b>	248			
	XL	100	800	<b>8 J</b>	<b>253</b>	685	315	2065
				8 ½ J	258			
				9 J	263			
255/45 R 18		99	775	<b>8 J</b>	260			
	XL	103	875	<b>8 ½ J</b>	<b>265</b>	697	318	2095
				9 J	270			
				9 ½ J	275			
275/45 R 18		103	875	<b>8 ½ J</b>	279			
				<b>9 J</b>	<b>284</b>	715	325	2150
				9 ½ J	289			
				10 J	294			
				10 ½ J	299			
235/45 R 19 XL		99	775	<b>7 ½ J</b>	240			
				<b>8 J</b>	<b>245</b>	703	324	2120
				8 ½ J	250			
				9 J	255			
245/45 R 19		98	750	<b>7 ½ J</b>	248			
	XL	102	850	<b>8 J</b>	<b>253</b>	711	327	2144
				8 ½ J	258			
				9 J	263			

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>				
				Width (mm)	Outer-Ø (mm)			
<b>45 series</b>								
255/45 R 19		100	800	8 J	260			
	XL	104	900	<b>8 ½ J</b>	<b>265</b>	723	331	2175
				9 J	270			
				9 ½ J	275			
265/45 R 20		104	900	8 ½ J	272			
				<b>9 J</b>	<b>277</b>	756	347	2275
				9 ½ J	282			
				10 J	287			
<b>40 series</b>								
195/40 R 14		73	365	6 ½ J	203			
				<b>7 J</b>	<b>208</b>	518	239	1562
				7 ½ J	213			
215/40 R 14		79	437	7 J	222			
				<b>7 ½ J</b>	<b>227</b>	534	245	1610
				8 J	232			
				8 ½ J	237			
195/40 R 16 XL		80	450	6 ½ J	203			
				<b>7 J</b>	<b>208</b>	568	264	1714
				7 ½ J	213			
215/40 R 16 XL		86	530	7 J	222			
				<b>7 ½ J</b>	<b>227</b>	584	270	1763
				8 J	232			
				8 ½ J	237			
225/40 R 16		85	515	7 ½ J	234			
				<b>8 J</b>	<b>239</b>	594	273	1787
				8 ½ J	244			
				9 J	249			
195/40 R 17 XL		81	462	6 ½ J	203			
				<b>7 J</b>	<b>208</b>	594	277	1793
				7 ½ J	213			
205/40 R 17 XL		84	500	7 J	215			
				<b>7 ½ J</b>	<b>220</b>	602	280	1818
				8 J	225			
215/40 R 17 XL		87	545	7 J	222			
				<b>7 ½ J</b>	<b>227</b>	610	283	1842
				8 J	232			
				8 ½ J	237			
235/40 R 17		90	600	8 J	246			
				<b>8 ½ J</b>	<b>251</b>	628	289	1891
				9 J	256			
				9 ½ J	261			
245/40 R 17		91	615	8 J	253			
				<b>8 ½ J</b>	<b>258</b>	636	292	1915
				9 J	263			
				9 ½ J	268			

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>				
				Width (mm)	Outer-Ø (mm)			
<b>40 series</b>								
255/40 R 17		94	670	<b>8 ½ J</b>	265			
	XL	98	750	<b>9 J</b>	<b>270</b>	644	295	1940
				9 ½ J	275			
				10 J	280			
275/40 R 17		98	750	9 J	284			
				<b>9 ½ J</b>	<b>289</b>	660	302	1989
				10 J	294			
				10 ½ J	300			
				11 J	305			
215/40 R 18 XL		89	580	7 J	222			
				<b>7 ½ J</b>	<b>227</b>	635	296	1918
				8 J	232			
				8 ½ J	237			
225/40 R 18		88	560	7 ½ J	234			
	XL	92	630	<b>8 J</b>	<b>239</b>	645	299	1943
				8 ½ J	244			
				9 J	249			
235/40 R 18		91	615	8 J	246			
	XL	95	690	<b>8 ½ J</b>	<b>251</b>	653	302	1967
				9 J	256			
				9 ½ J	261			
245/40 R 18		93	650	8 J	253			
	XL	97	730	<b>8 ½ J</b>	<b>258</b>	661	305	1992
				9 J	263			
				9 ½ J	268			
255/40 R 18		95	690	8 ½ J	265			
	XL	99	775	<b>9 J</b>	<b>270</b>	669	308	2016
				9 ½ J	275			
				10 J	280			
265/40 R 18 XL		101	825	9 J	277			
				<b>9 ½ J</b>	<b>282</b>	677	311	2040
				10 J	287			
				10 ½ J	292			
275/40 R 18		99	775	9 J	284			
	XL	103	875	<b>9 ½ J</b>	<b>289</b>	685	314	2065
				10 J	294			
				10 ½ J	299			
				11 J	304			
225/40 R 19		89	580	7 ½ J	234			
				<b>8 J</b>	<b>239</b>	671	312	2022
				8 ½ J	244			
				9 J	249			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>40 series</b>							
235/40 R 19 XL	96	710	8 J	246			
			<b>8 ½ J</b>	<b>251</b>	679	315	2047
			9 J	256			
			9 ½ J	261			
245/40 R 19 XL	94	670	8 J	253			
			<b>8 ½ J</b>	<b>258</b>	687	318	2071
			9 J	263			
			9 ½ J	268			
255/40 R 19 XL	96	710	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	695	321	2095
			9 ½ J	275			
			10 J	280			
265/40 R 19 XL	98	750	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	703	324	2120
			10 J	287			
			10 ½ J	292			
275/40 R 19 XL	101	825	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	711	327	2144
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/40 R 19 XL	103	875	9 ½ J	296			
			<b>10 J</b>	<b>302</b>	721	330	2169
			10 ½ J	307			
			11 J	312			
245/40 R 20 XL	95	690	8 J	253			
			<b>8 ½ J</b>	<b>258</b>	712	330	2147
			9 J	263			
			9 ½ J	268			
255/40 R 20 XL	101	825	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	720	334	2172
			9 ½ J	275			
			10 J	280			
265/40 R 20 XL	104	900	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	728	337	2196
			10 J	288			
			10 ½ J	293			
265/40 R 21 XL	105	925	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	753	349	2272
			10 J	288			
			10 ½ J	293			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)



Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>35 series</b>							
215/35 R 17 XL	83	487	7 J	222			
			<b>7 ½ J</b>	<b>227</b>	588	275	1775
			8 J	232			
225/35 R 17 Rf.	86	530	7 ½ J	234			
			<b>8 J</b>	<b>239</b>	596	277	1800
			8 ½ J	244			
245/35 R 17	87	545	9 J	249			
			8 J	253			
			<b>8 ½ J</b>	<b>258</b>	610	283	1842
215/35 R 18 XL	84	500	9 J	263			
			9 ½ J	268			
			7 J	222			
225/35 R 18 XL	87	545	<b>7 ½ J</b>	<b>227</b>	613	287	1851
			8 J	232			
			8 ½ J	237			
245/35 R 18	88	560	7 ½ J	234			
			<b>8 J</b>	<b>239</b>	621	290	1876
			8 ½ J	244			
245/35 R 18 XL	92	630	9 J	249			
			8 J	253			
			<b>8 ½ J</b>	<b>258</b>	635	295	1918
255/35 R 18 XL	94	670	9 J	263			
			9 ½ J	268			
			8 ½ J	265			
265/35 R 18	93	650	<b>9 J</b>	<b>270</b>	643	298	1937
			9 ½ J	275			
			10 J	280			
265/35 R 18 XL	97	730	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	651	301	1961
			10 J	287			
275/35 R 18	95	690	10 ½ J	292			
			9 J	284			
			<b>9 ½ J</b>	<b>289</b>	657	304	1979
285/35 R 18	99	775	10 J	294			
			10 ½ J	299			
			11 J	304			
285/35 R 18 XL	97	730	9 ½ J	297			
			<b>10 J</b>	<b>302</b>	665	306	2004
			10 ½ J	307			
	101	825	11 J	312			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>35 series</b>							
225/35 R 19 XL	88	560	7 ½ J	234			
			<b>8 J</b>	<b>239</b>	647	303	1955
			8 ½ J	244			
235/35 R 19 XL	87 91	545 615	8 J	246			
			<b>8 ½ J</b>	<b>251</b>	653	305	1973
			9 J	256			
245/35 R 19 XL	93	650	9 ½ J	261			
			<b>8 J</b>	<b>253</b>			
			<b>8 ½ J</b>	<b>258</b>	661	308	1998
255/35 R 19 XL	92 96	630 710	9 J	263			
			<b>9 ½ J</b>	<b>268</b>			
			<b>8 ½ J</b>	<b>265</b>	669	311	2016
265/35 R 19 XL	94 98	670 750	9 J	275			
			<b>9 ½ J</b>	<b>280</b>			
			<b>9 ½ J</b>	<b>282</b>	677	314	2040
275/35 R 19 XL	100	800	10 J	287			
			<b>9 J</b>	<b>277</b>			
			<b>9 ½ J</b>	<b>284</b>	683	316	2059
285/35 R 19 XL	99 103	775 875	10 ½ J	292			
			<b>10 J</b>	<b>302</b>	691	319	2083
			10 ½ J	307			
225/35 R 20 XL	90	600	11 J	312			
			7 ½ J	234			
			<b>8 J</b>	<b>239</b>	672	315	2031
245/35 R 20 XL	95	690	8 ½ J	244			
			<b>8 J</b>	<b>253</b>			
			<b>8 ½ J</b>	<b>258</b>	686	321	2074
255/35 R 20 XL	97	730	9 J	263			
			<b>9 ½ J</b>	<b>268</b>			
			<b>8 ½ J</b>	<b>265</b>	694	324	2092
			9 J	270			
			<b>9 ½ J</b>	<b>275</b>			
			10 J	280			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>35 series</b>							
275/35 R 20 XL	102	850	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	708	329	2135
			10 J	294			
			10 ½ J	299			
285/35 R 20 XL	104	900	11 J	304			
			<b>9 ½ J</b>	<b>296</b>			
			<b>10 J</b>	<b>302</b>	716	332	2159
245/35 R 21 XL	96	710	10 ½ J	307			
			11 J	312			
			<b>8 J</b>	<b>253</b>			
255/35 R 21 XL	98	750	<b>8 ½ J</b>	<b>258</b>	711	334	2150
			9 J	263			
			9 ½ J	268			
265/35 R 21 XL	101	825	10 J	275			
			10 ½ J	280			
			<b>8 ½ J</b>	<b>265</b>			
275/35 R 21 XL	103	875	<b>9 J</b>	<b>270</b>	719	336	2169
			9 ½ J	275			
			10 J	280			
265/35 R 21 XL	101	825	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	727	339	2193
			10 J	287			
275/35 R 21 XL	103	875	10 ½ J	292			
			9 J	284			
			<b>9 ½ J</b>	<b>289</b>	733	342	2211
10 J	294						
10 ½ J	299						
11 J	304						
<b>30 series</b>							
255/30 R 18 XL	90	600	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	617	288	1864
			9 ½ J	275			
285/30 R 18	93	650	10 J	308			
			<b>10 J</b>	<b>302</b>	635	295	1918
			10 ½ J	307			
295/30 R 18	94	670	11 J	318			
			10 J	308			
			<b>10 ½ J</b>	<b>313</b>	643	298	1937
255/30 R 19 XL	91	615	9 J	277			
			<b>9 J</b>	<b>270</b>	643	301	1943
			9 ½ J	275			
265/30 R 19 XL	93	650	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	649	303	1961
			10 J	287			
275/30 R 19 XL	96	710	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	655	306	1979
			10 J	294			

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>1)</sup>  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>30 series</b>							
285/30 R 19 XL	98	750	9 ½ J	297			
			<b>10 J</b>	<b>302</b>	661	308	1998
			10 ½ J	307			
295/30 R 19 XL	96	710	10 J	308			
	100	800	<b>10 ½ J</b>	<b>313</b>	669	310	2016
305/30 R 19 XL	102	850	10 ½ J	321			
			<b>11 J</b>	<b>326</b>	675	313	2034
			11 ½ J	331			
325/30 R 19 XL	105	925	11 J	339			
			<b>11 ½ J</b>	<b>344</b>	687	317	2071
			12 J	349			
235/30 R 20 XL	88	560	<b>8 ½ J</b>	<b>251</b>	656	309	1983
245/30 R 20 XL	90	600	8 J	253			
			<b>8 ½ J</b>	<b>258</b>	662	311	2001
			9 J	263			
255/30 R 20 XL	92	630	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	668	314	2019
			9 ½ J	275			
265/30 R 20 XL	94	670	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	674	316	2037
			10 J	287			
275/30 R 20 XL	97	730	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	680	318	2056
			10 J	294			
285/30 R 20 XL	99	775	9 ½ J	297			
			<b>10 J</b>	<b>302</b>	686	321	2074
			10 ½ J	307			
295/30 R 20 XL	101	825	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	694	323	2092
			11 J	318			
305/30 R 20 XL	103	875	10 ½ J	321			
			<b>11 J</b>	<b>326</b>	700	325	2111
			11 ½ J	331			
335/30 R 20 XL	108	1000	11 ½ J	352			
			<b>12 J</b>	<b>357</b>	718	332	2166
			12 ½ J	362			
255/30 R 21 XL	93	650	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	693	326	2095
			9 ½ J	275			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
				Width (mm)	Outer-Ø (mm)		
<b>30 series</b>							
265/30 R 21 XL	96	710	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	699	329	2114
			10 J	287			
275/30 R 21 XL	98	750	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	705	331	2132
			10 J	294			
295/30 R 21 XL	102	850	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	719	336	2169
			11 J	318			
265/30 R 22 XL	97	730	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	725	341	2193
			10 J	287			
<b>25 series</b>							
315/25 R 19	93	650	11 J	333			
			<b>11 ½ J</b>	<b>338</b>	647	303	1955
			12 J	343			
295/25 R 20 XL	95	690	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	662	312	2001
			11 J	318			
305/25 R 20 XL	97	730	10 ½ J	321			
			<b>11 J</b>	<b>326</b>	666	313	2013
			11 ½ J	331			
325/25 R 20 XL	101	825	11 ½ J	344			
			<b>12 J</b>	<b>349</b>	676	317	2044
			12 ½ J	355			
295/25 R 21 XL	96	710	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	687	324	2077
			11 J	318			
325/25 R 21 XL	102	850	11 ½ J	344			
			<b>12 J</b>	<b>349</b>	XXX	330	XXXX
			12 ½ J	354			
295/25 R 22 XL	97	730	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	713	337	2156
			11 J	318			
305/25 R 22 XL	99	775	10 ½ J	320			
			<b>11 J</b>	<b>326</b>	717	339	2169
			11 ½ J	331			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRT0)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>80 series</b>							
195/80 R 15	96	710	5 J	199			
			<b>5 ½ J</b>	<b>204</b>	705	312	2114
			6 J	209			
			6 ½ J	214			
205/80 R 16 XL	104	900	5 J	206			
			<b>5 ½ J</b>	<b>211</b>	748	331	2239
			6 J	216			
			6 ½ J	221			
			7 J	226			
<b>75 series</b>							
205/75 R 15 P 205/75 R 15	97	730	5 J	206			
			<b>5 ½ J</b>	<b>211</b>	701	310	2101
			6 J	216			
			6 ½ J	221			
			7 J	226			
215/75 R 15 P 215/75 R 15	100	800	5 J	215			
			5 ½ J	220			
			<b>6 J</b>	<b>225</b>	715	316	2144
			6 ½ J	230			
			7 J	235			
225/75 R 15 P 225/75 R 15	102	850	<b>6 J</b>	<b>232</b>	733	322	2193
			6 ½ J	237			
			7 J	242			
			7 ½ J	247			
P 235/75 R 15	105	925	6 J	239			
235/75 R 15 XL	109	1030	<b>6 ½ J</b>	<b>244</b>	747	328	2236
			7 J	249			
			7 ½ J	254			
			8 J	259			
265/75 R 15 P 265/75 R 15	112	1120	7 J	273			
			<b>7 ½ J</b>	<b>278</b>	795	346	2376
			8 J	283			
			8 ½ J	288			
			9 J	293			
215/75 R 16 XL	107	975	5 ½ J	220			
			<b>6 J</b>	<b>225</b>	740	329	2220
			6 ½ J	230			
			7 J	235			
225/75 R 16	104	900	<b>6 J</b>	<b>232</b>	758	335	2269
			6 ½ J	237			
			7 J	242			
			7 ½ J	247			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circum- ference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>75 series</b>							
P 235/75 R 16	106	950	6 J	239			
235/75 R 16	108	1000	<b>6 ½ J</b>	<b>244</b>	772	341	2312
			7 J	249			
			7 ½ J	254			
			8 J	259			
P 245/75 R 16	109	1030	6 ½ J	253			
245/75 R 16	111	1090	<b>7 J</b>	<b>258</b>	788	347	2361
			7 ½ J	263			
			8 J	268			
265/75 R 16	116	1250	7 J	273			
			<b>7 ½ J</b>	<b>278</b>	820	358	2452
			8 J	283			
			8 ½ J	288			
			9 J	293			
<b>70 series</b>							
205/70 R 15	96	710	5 J	207			
			5 ½ J	212			
			<b>6 J</b>	<b>217</b>	681	302	2040
			6 ½ J	222			
			7 J	227			
225/70 R 15	100	800	6 J	232			
P 225/70 R 15			<b>6 ½ J</b>	<b>237</b>	709	313	2126
			7 J	242			
			7 ½ J	247			
P 235/70 R 15	102	850	6 J	240			
235/70 R 15	103	875	6 ½ J	245			
			<b>7 J</b>	<b>250</b>	725	319	2169
			7 ½ J	255			
			8 J	260			
P 255/70 R 15	108	1000	6 ½ J	260			
			7 J	265			
			<b>7 ½ J</b>	<b>270</b>	753	330	2254
			8 J	275			
			8 ½ J	280			
265/70 R 15	112	1120	7 J	273			
			7 ½ J	278			
			<b>8 J</b>	<b>283</b>	767	335	2297
			8 ½ J	288			
			9 J	293			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>70 series</b>							
P 215/70 R 16	99	775	5 ½ J	220			
215/70 R 16	100	800	6 J	225			
			<b>6 ½ J</b>	<b>230</b>	720	321	2159
			7 J	235			
225/70 R 16	102	850	6 J	232			
	103	875	<b>6 ½ J</b>	<b>237</b>	734	326	2202
			7 J	242			
			7 ½ J	247			
P 235/70 R 16	104	900	6 J	240			
235/70 R 16	106	950	6 ½ J	245			
			<b>7 J</b>	<b>250</b>	750	332	2245
			7 ½ J	255			
			8 J	260			
245/70 R 16	107	975	6 ½ J	253			
XL	111	1090	<b>7 J</b>	<b>258</b>	764	337	2288
			7 ½ J	263			
			8 J	268			
255/70 R 16	111	1090	6 ½ J	260			
			7 J	265			
			<b>7 ½ J</b>	<b>270</b>	778	342	2330
			8 J	275			
			8 ½ J	280			
265/70 R 16	112	1120	7 J	273			
			7 ½ J	278			
			<b>8 J</b>	<b>283</b>	792	348	2373
			8 ½ J	288			
			9 J	293			
275/70 R 16	114	1180	7 J	280			
			7 ½ J	285			
			<b>8 J</b>	<b>290</b>	808	353	2416
			8 ½ J	295			
			9 J	300			
235/70 R 17 XL	111	1090	6 J	240			
			6 ½ J	245			
			<b>7 J</b>	<b>250</b>	776	344	2325
			7 ½ J	255			
			8 J	260			

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Yellow background = standard values for tyre size (ETRTO)



Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>70 series</b>							
245/70 R 17	110	1060	6 ½ J	253			
			<b>7 J</b>	<b>258</b>	790	350	2367
			7 ½ J	263			
			8 J	268			
265/70 R 17	115	1215	7 J	273			
			7 ½ J	278			
			<b>8 J</b>	<b>283</b>	818	361	2452
			8 ½ J	288			
			9 J	293			
<b>65 series</b>							
175/65 R 15	84	500	<b>5 J</b>	<b>184</b>	619	279	1857
			5 ½ J	189			
			6 J	194			
185/65 R 15	88	560	5 J	192			
			<b>5 ½ J</b>	<b>197</b>	631	284	1894
			6 J	202			
			6 ½ J	207			
205/65 R 15	94	670	5 ½ J	212			
			<b>6 J</b>	<b>217</b>	657	294	1973
			6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/65 R 16	98	750	6 J	225			
			<b>6 ½ J</b>	<b>230</b>	698	312	2092
			7 J	235			
			7 ½ J	240			
255/65 R 16	109	1030	7 J	265			
			<b>7 ½ J</b>	<b>270</b>	752	332	2251
			8 J	275			
			8 ½ J	280			
			9 J	285			
225/65 R 17	102	850	6 J	232			
			<b>6 ½ J</b>	<b>237</b>	736	330	2208
			7 J	242			
			7 ½ J	247			
			8 J	252			
235/65 R 17	103	875	6 ½ J	245			
	104	900	<b>7 J</b>	<b>250</b>	750	335	2251
<b>XL</b>	108	1000	7 ½ J	255			
			8 J	260			
			8 ½ J	265			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)			
<b>65 series</b>								
245/65 R 17	XL	107	975	<b>7 J</b>	<b>258</b>	762	340	2288
				7 ½ J	263			
				8 J	268			
				8 ½ J	273			
255/65 R 17		110	1060	7 J	265			
				<b>7 ½ J</b>	<b>270</b>	778	345	2330
				8 J	275			
				8 ½ J	280			
265/65 R 17		112	1120	7 ½ J	278			
				<b>8 J</b>	<b>283</b>	790	350	2367
				8 ½ J	288			
				9 J	293			
275/65 R 17		115	1215	7 ½ J	285			
				<b>8 J</b>	<b>290</b>	804	355	2410
				8 ½ J	295			
				9 J	300			
285/65 R 17		116	1250	8 J	299			
				<b>8 ½ J</b>	<b>304</b>	816	360	2446
				9 J	309			
				9 ½ J	314			
235/65 R 18 XL		110	1060	6 ½ J	245			
				<b>7 J</b>	<b>250</b>	775	348	2327
				7 ½ J	255			
				8 J	260			
215/60 R 17		96	710	6 ½ J	245			
				<b>7 J</b>	<b>250</b>	700	313	2098
				7 ½ J	255			
				8 J	260			
215/60 R 17		96	710	6 J	225			
				<b>6 ½ J</b>	<b>230</b>	700	317	2105
				7 J	235			
				7 ½ J	240			
<b>60 series</b>								
235/60 R 16		100	800	6 ½ J	245			
				<b>7 J</b>	<b>250</b>	700	313	2098
				7 ½ J	255			
				8 J	260			
215/60 R 17		96	710	8 ½ J	265			
				6 J	225			
				<b>6 ½ J</b>	<b>230</b>	700	317	2105
				7 J	235			
215/60 R 17		96	710	7 ½ J	240			
				7 ½ J	240			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>60 series</b>							
P 225/60 R 17	98	750	6 J	232			
225/60 R 17	99	775	<b>6 ½ J</b>	<b>237</b>	712	321	2141
			7 J	242			
			7 ½ J	248			
			8 J	253			
235/60 R 17	102	850	6 ½ J	245			
			<b>7 J</b>	<b>250</b>	726	326	2178
			7 ½ J	255			
			8 J	260			
255/60 R 17	106	950	8 ½ J	265			
			7 J	265			
			<b>7 ½ J</b>	<b>270</b>	750	335	2251
			8 J	275			
275/60 R 17	110	1060	8 ½ J	280			
			9 J	285			
			7 ½ J	285			
			<b>8 J</b>	<b>290</b>	776	345	2324
235/60 R 18	103	875	8 ½ J	295			
			9 J	300			
			9 ½ J	305			
			7 J	245			
XL	107	975	<b>7 J</b>	<b>250</b>	751	339	2254
			7 ½ J	255			
			8 J	260			
			8 ½ J	265			
255/60 R 18 XL	112	1120	7 J	265			
			<b>7 ½ J</b>	<b>270</b>	775	348	2327
			8 J	275			
			8 ½ J	281			
265/60 R 18	110	1060	9 J	286			
			7 ½ J	278			
			<b>8 J</b>	<b>283</b>	787	353	2364
			8 ½ J	288			
			9 J	293			
			9 ½ J	298			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)	
	Load Index	Load capacity  kg		Max. standard value in operation <sup>2)</sup>				
	LI			Width (mm)	Outer-Ø (mm)			
<b>55 series</b>								
225/55 R 17	97	730	6 J	232				
			6 ½ J	237				
			<b>7 J</b>	<b>242</b>	690	312	2074	
			7 ½ J	247				
			8 J	252				
235/55 R 17	99	775	6 ½ J	245				
			7 J	250				
			<b>7 ½ J</b>	<b>255</b>	700	317	2105	
			8 J	260				
			8 ½ J	265				
255/55 R 17	104	900	7 J	266				
			7 ½ J	271				
			<b>8 J</b>	<b>276</b>	724	325	2172	
			8 ½ J	281				
			9 J	286				
275/55 R 17	109	1030	7 ½ J	285				
			8 J	290				
			<b>8 ½ J</b>	<b>295</b>	746	334	2239	
			9 J	300				
			9 ½ J	305				
225/55 R 18	98	750	6 J	232				
			6 ½ J	237				
			<b>7 J</b>	<b>242</b>	715	325	2150	
			7 ½ J	247				
			8 J	252				
235/55 R 18	100	800	6 ½ J	245				
			7 J	250				
			<b>7 ½ J</b>	<b>255</b>	725	329	2181	
			8 J	260				
			8 ½ J	266				
255/55 R 18	105	925	7 J	266				
			7 ½ J	271				
	XL	109	1030	<b>8 J</b>	<b>276</b>	749	338	2248
				8 ½ J	281			
				9 J	286			
235/55 R 19	101	825	6 ½ J	245				
			7 J	250				
	XL	105	925	<b>7 ½ J</b>	<b>255</b>	751	342	2260
				8 J	260			
				8 ½ J	266			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity  kg		Width (mm)	Outer-Ø (mm)		
<b>55 series</b>							
255/55 R 19 XL	111	1090	7 J	265			
			7 ½ J	270			
			<b>8 J</b>	<b>276</b>	<b>775</b>	<b>351</b>	<b>2327</b>
			8 ½ J	281			
275/55 R 19	111	1090	9 J	286			
			7 ½ J	285			
			8 J	290			
			<b>8 ½ J</b>	<b>295</b>	<b>797</b>	<b>359</b>	<b>2394</b>
275/55 R 20 XL	117	1285	9 ½ J	305			
			7 ½ J	285			
			8 J	290			
			<b>8 ½ J</b>	<b>295</b>	<b>822</b>	<b>372</b>	<b>2471</b>
<b>50 series</b>							
235/50 R 18 XL	97	730	6 ½ J	245			
			7 J	250			
	101	825	<b>7 ½ J</b>	<b>255</b>	<b>703</b>	<b>320</b>	<b>2114</b>
			8 J	260			
285/50 R 18	109	1030	8 ½ J	265			
			8 J	299			
			8 ½ J	304			
			<b>9 J</b>	<b>309</b>	<b>755</b>	<b>340</b>	<b>2266</b>
235/50 R 19	99	775	9 ½ J	314			
			10 J	319			
			6 ½ J	245			
			7 J	250			
255/50 R 19 XL	103	875	<b>7 ½ J</b>	<b>255</b>	<b>729</b>	<b>333</b>	<b>2193</b>
			8 J	260			
	107	975	7 J	266			
			7 ½ J	271			
265/50 R 19 XL	110	1060	<b>8 J</b>	<b>276</b>	<b>749</b>	<b>341</b>	<b>2254</b>
			8 ½ J	281			
			9 J	286			
			7 ½ J	278			
			8 J	283			
			<b>8 ½ J</b>	<b>288</b>	<b>759</b>	<b>345</b>	<b>2284</b>
			9 J	293			
			9 ½ J	298			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>50 series</b>							
255/50 R 20 XL	109	1030	7 J	266			
			7 ½ J	271			
			<b>8 J</b>	<b>276</b>	774	353	2330
			8 ½ J	281			
			9 J	286			
265/50 R 20 XL	111	1090	7 ½ J	278			
			8 J	283			
			<b>8 ½ J</b>	<b>288</b>	784	357	2361
			9 J	294			
			9 ½ J	299			
275/50 R 20	109	1030	7 ½ J	285			
			8 J	290			
			<b>8 ½ J</b>	<b>295</b>	796	361	2391
			9 J	301			
			9 ½ J	306			
285/50 R 20 XL	116	1250	8 J	299			
			8 ½ J	304			
			<b>9 J</b>	<b>309</b>	806	365	2422
			9 ½ J	314			
			10 J	319			
<b>45 series</b>							
235/45 R 19	95	690	7 ½ J	241			
			<b>8 J</b>	<b>245</b>	703	324	2120
			8 ½ J	251			
			9 J	256			
255/45 R 19	100	800	8 J	260			
			<b>8 ½ J</b>	<b>265</b>	723	331	2175
			9 J	270			
			9 ½ J	275			
275/45 R 19 XL	108	1000	8 ½ J	279			
			<b>9 J</b>	<b>284</b>	741	338	2230
			9 ½ J	289			
			10 J	294			
			10 ½ J	299			
285/45 R 19 XL	107	975	9 J	291			
	111	1090	<b>9 ½ J</b>	<b>296</b>	749	341	2254
			10 J	301			
			10 ½ J	306			
295/45 R 19	109	1030	9 ½ J	302			
			<b>10 J</b>	<b>308</b>	759	345	2284
			10 ½ J	312			
			11 J	317			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>45 series</b>							
235/45 R 20 XL	100	800	7 ½ J	241			
			<b>8 J</b>	<b>245</b>	728	336	2196
			8 ½ J	251			
			9 J	256			
245/45 R 20 XL	103	875	7 ½ J	248			
			<b>8 J</b>	<b>253</b>	736	340	2220
			8 ½ J	258			
			9 J	263			
255/45 R 20 XL	101	825	8 J	260			
	105	925	<b>8 ½ J</b>	<b>265</b>	748	344	2251
			9 J	270			
			9 ½ J	275			
265/45 R 20 XL	108	1000	8 ½ J	272			
			<b>9 J</b>	<b>277</b>	756	347	2275
			9 ½ J	282			
			10 J	287			
275/45 R 20 XL	110	1060	8 ½ J	279			
			<b>9 J</b>	<b>284</b>	766	351	2306
			9 ½ J	289			
			10 J	294			
295/45 R 20 XL	114	1180	10 ½ J	299			
			9 ½ J	303			
			<b>10 J</b>	<b>308</b>	784	358	2361
			10 ½ J	313			
285/45 R 22 XL	114	1180	11 J	318			
			9 J	291			
			<b>9 ½ J</b>	<b>296</b>	825	379	2486
			10 J	301			
305/45 R 22 XL	118	1320	10 ½ J	306			
			9 ½ J	310			
			<b>10 J</b>	<b>315</b>	843	386	2541
			10 ½ J	320			
			11 J	325			
			11 ½ J	330			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circum- ference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>40 series</b>							
255/40 R 19	96	710	8 ½ J	265			
			<b>9 J</b>	<b>270</b>	695	321	2095
			9 ½ J	275			
			10 J	281			
275/40 R 20 XL	106	950	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	736	340	2220
			10 J	294			
			10 ½ J	299			
295/40 R 20 XL	106 110	950 1060	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	754	346	2269
			11 J	318			
			11 ½ J	323			
265/40 R 21 XL	105	925	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	753	349	2272
			10 J	287			
			10 ½ J	292			
295/40 R 21 XL	111	1090	10 J	307			
			<b>10 ½ J</b>	<b>313</b>	779	359	2345
			11 J	318			
			11 ½ J	324			
265/40 R 22 XL	106	950	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	779	362	2352
			10 J	288			
			10 ½ J	293			
275/40 R 22 XL	108	1000	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	787	365	2376
			10 J	294			
			10 ½ J	299			
305/40 R 22 XL	114	1180	10 J	316			
			10 ½ J	321			
			<b>11 J</b>	<b>326</b>	813	375	2449
			11 ½ J	331			
305/40 R 23 XL	115	1215	12 J	336			
			10 J	316			
			10 ½ J	321			
			<b>11 J</b>	<b>326</b>	838	387	2525
285/40 R 24 XL	112	1120	11 ½ J	331			
			12 J	336			
			9 ½ J	296			
			<b>10 J</b>	<b>302</b>	848	394	2556
			10 ½ J	307			
			11 J	312			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)



Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index <sup>2)</sup>  LI	Load capacity  kg		Max. standard value in operation <sup>2)</sup>			
<b>35 series</b>							
315/35 R 20 XL	110	1060	10 ½ J	328			
			<b>11 J</b>	<b>333</b>	736	340	2220
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
295/35 R 21 XL	107	975	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	747	347	2254
			11 J	318			
			11 ½ J	324			
265/35 R 22 XL	102	850	9 J	277			
			<b>9 ½ J</b>	<b>282</b>	753	352	2272
			10 J	287			
			10 ½ J	292			
275/35 R 22 XL	104	900	9 J	284			
			<b>9 ½ J</b>	<b>289</b>	759	354	2291
			10 J	294			
			10 ½ J	300			
			11 J	305			
285/35 R 22 XL	106	950	9 ½ J	296			
			<b>10 J</b>	<b>302</b>	767	357	2315
			10 ½ J	307			
			11 J	312			
315/35 R 24 XL	114	1180	10 ½ J	328			
			<b>11 J</b>	<b>333</b>	838	391	2532
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
<b>30 series</b>							
295/30 R 22 XL	103	875	10 J	308			
			<b>10 ½ J</b>	<b>313</b>	745	348	2248
			11 J	318			
315/30 R 22 XL	107	975	10 ½ J	328			
			<b>11 J</b>	<b>333</b>	757	353	2284
			11 ½ J	338			
305/30 R 23 XL	106	950	10 ½ J	321			
			<b>11 J</b>	<b>326</b>	776	363	2342
			11 ½ J	331			
<b>25 series</b>							
335/25 R 22 XL	105	925	11 ½ J	351			
			<b>12 J</b>	<b>357</b>	733	345	2217
			12 ½ J	362			
315/25 R 23 XL	102	850	11 J	333			
			<b>11 ½ J</b>	<b>338</b>	748	354	2263
			12 J	343			

Size	Tyre Load Index LI <sup>1)</sup>	Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions			Radius stat. +/- 2 % (mm)	Rolling circum- ference <sup>3)</sup> + 1.5 % - 2.5 % (mm)	Load Index LI	Wheel position <sup>9)</sup>
			Max. standard value in operation <sup>2)</sup>	on measuring rim	Width (mm)				
<b>LT-sizes</b>									
LT 215/85 R 16	115/112	5 ½ J	220					115	S
		<b>6 J</b>	<b>225</b>	794	216	349	2339		
		6 ½ J	230						
		7 J	235						
LT 235/85 R 16	120/116	6 J	239					120	S
		<b>6 ½ J</b>	<b>244</b>	822	235	363	2442		
		7 J	249						
		7 ½ J	254						
LT 235/75 R 15	104/101	6 J	239					104	S
		<b>6 ½ J</b>	<b>244</b>	747	235	328	2236		
		7 J	249						
LT 225/75 R 16	110/107	<b>6 J</b>	<b>232</b>	758	223	338	2269	110	S
		6 ½ J	237						
		7 J	242						
LT 245/75 R 16	120/116	<b>6 ½ J</b>	<b>252</b>	788	242	347	2361	120	S
		7 J	257						
		7 ½ J	262						
		8 J	267						
<b>LT-flotation sizes</b>									
LT 30x9.50 R 15	104	6 ½ J	241					104	S
		7 J	246						
		<b>7 ½ J</b>	<b>251</b>			334	2285		
		8 J	256						
LT 31x10.50 R 15	109	7 J	263					109	S
		7 ½ J	268						
		8 J	273						
		<b>8 ½ J</b>	<b>278</b>	791	289	344	2365		
		9 J	283						
LT 33x12.50 R 15	108	8 ½ J						108	S
		9 J							
		9 ½ J							
		<b>10 J</b>		844	325	364	2520		
		10 ½ J							
11 J									

See cover foldout for footnotes

Load capacity (kg) per axle at a tyre pressure (bar)																Speed Index and reference speed (km/h)
2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5		
		1400 2550	1490 2710	1575 2870	1660 3030	1750 3190	1835 3350	1920 3510	2010 3670	2095 3830	2180 3990	2270 4150	2355 4310	2430 4480	Q 160	
		1580 2880	1695 3080	1800 3280	1890 3440	2000 3640	2090 3800	2200 4000	2285 4160	2380 4320	2480 4510	2580 4680	2675 4870	2760 5040	Q 160 S 180	
		1420 2580	1515 2760	1620 2940	1705 3120	1800 3300									Q 160	
		1400 2540	1495 2710	1590 2900	1675 3050	1760 3200	1855 3380	1950 3540	2035 3720	2120 3900					Q 160	
		1580 2880	1695 3080	1800 3280	1890 3440	2000 3640	2090 3800	2200 4000	2285 4160	2380 4320	2480 4510	2580 4680	2675 4870	2760 5040	S 180	
	1240	1335	1420	1530	1625	1720	1800								S 180	
	1400	1510	1600	1735	1845	1960	2060								Q 160 S 180	
	1755	1880	2000												S 180	

Yellow background = standard values for tyre size (ETRTO)

## CST 17

### CST = Conti Spare Tyre

The space- and weight-saving spare tyre in radial design **for temporary, limited use**. Approved for speeds of up to 50 mph/80 km/h<sup>1)</sup>.

This tyre may only be used **in an emergency on one wheel** of the vehicle with the agreement of the vehicle manufacturer. The T in the tyre designation indicates temporary use under restricted conditions.

<sup>1)</sup> According to ECE-Regulation 64 governing the use of special spare tyres, those with a higher rating may also only be used up to a maximum speed of 50 mph/80 km/h.



### Size range

90 series	80 series	70 series
T 125/90 R 15 TL 96 M	T 125/80 R 15 TL 95 M	T 115/70 R 15 TL 90 M
T 125/90 R 16 TL 98 M	T 125/80 R 16 TL 97 M	T 125/70 R 15 TL 95 M
T 135/90 R 16 TL 102 M	T 145/80 R 16 TL 105 M <sup>1)</sup>	T 135/70 R 15 TL 99 M
T 145/90 R 16 TL 106 M	T 125/80 R 17 TL 99 M	T 115/70 R 16 TL 92 M
T 135/90 R 17 TL 104 M (★)	T 135/80 R 17 TL 102 M ★	T 125/70 R 16 TL 96 M
T 165/90 R 17 TL 105 M	103 M	T 135/70 R 16 TL 100 M
T 155/90 R 18 TL 113 M	T 145/80 R 17 TL 107 M	T 125/70 R 17 TL 98 M
85 series	T 165/80 R 17 TL 104 M	T 155/70 R 17 TL 110 M
T 125/85 R 16 TL 99 M	T 135/80 R 18 TL 104 M	T 125/70 R 18 TL 99 M
T 155/85 R 18 TL 115 M	T 145/80 R 18 TL 99 M	T 125/70 R 19 TL 100 M
	T 145/80 R 19 TL 110 M	T 155/70 R 19 TL 113 M
	T 155/80 R 19 TL 114 M	65 series
	T 175/80 R 19 TL 122 M	185/65 R 16 TL XL 93 M <sup>2)</sup>
		60 series
		T 125/60 R 18 TL 94 M
		T 155/60 R 18 TL 107 M
		T 145/60 R 20 TL 105 M
		T 165/60 R 20 TL 113 M

See cover foldout for footnotes

<sup>1)</sup> Tread pattern Serva Spare

<sup>2)</sup> No "T" tyre. Speed limited to 130 km/h (81 mph) acc. to Speed Index M

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity <sup>1)</sup>  kg		Width (mm)	Outer-Ø (mm)		
<b>95 series</b>							
T 105/95 R 17	90	600	<b>3 J<sup>5)</sup></b>	<b>110</b>	640	291	1940
			3 ½ J <sup>5)</sup>	115			
<b>90 series</b>							
T 125/90 R 15	96	710	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	617	275	1863
			4 J <sup>5)</sup>	136			
T 115/90 R 16	92	630	<b>3 J<sup>5)</sup></b>	<b>118</b>	622	281	1885
			3 ½ J <sup>5)</sup>	123			
			4 J <sup>5)</sup>	128			
T 125/90 R 16	98	750	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	642	288	1940
			4 J <sup>5)</sup>	136			
T 135/90 R 16	102	850	<b>3 ½ J<sup>5)</sup></b>	<b>138</b>	660	294	1996
			4 J <sup>5)</sup>	143			
			4 ½ J <sup>5)</sup>	148			
T 145/90 R 16	106	950	3 ½ J	146			
			<b>4 J</b>	<b>151</b>	678	301	2051
			4 ½ J	156			
			5 J	161			
T 135/90 R 17	104	900	<b>3 ½ J<sup>5)</sup></b>	<b>138</b>	686	307	2075
			4 J <sup>5)</sup>	143			
			4 ½ J <sup>5)</sup>	148			
T 165/90 R 17	105	925	4 J <sup>5)</sup>	167			
			<b>4 ½ J</b>	<b>172</b>	742	329	2241
			5 J	177			
			5 ½ J	182			
T 155/90 R 18	113	1150	4 J <sup>5)</sup>	158			
			<b>4 ½ J<sup>5)</sup></b>	<b>163</b>	749	333	2263
			5 J <sup>5)</sup>	168			
<b>85 series</b>							
T 125/85 R 16	99	775	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	626	283	1897
			4 J <sup>5)</sup>	136			
T 155/85 R 18	115	1215	4 J	158			
			<b>4 ½ J</b>	<b>163</b>	731	327	2213
			5 J	168			

<sup>1)</sup> Load capacity at 4.2 bar up to max. 130 km/h. Application-specific speed limited to 80 km/h (50 mph) in accordance with ECE regulation 64.

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity <sup>1)</sup>  kg		Width (mm)	Outer-Ø (mm)		
<b>80 series</b>							
T 125/80 R 15	95	690	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	<b>589</b>	<b>266</b>	<b>1784</b>
			4 J <sup>5)</sup>	136			
T 125/80 R 16	97	730	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	<b>614</b>	<b>278</b>	<b>1860</b>
			4 J <sup>5)</sup>	136			
T 145/80 R 16	105	925	3 ½ J	146			
			<b>4 J</b>	<b>151</b>	<b>648</b>	<b>290</b>	<b>1959</b>
			4 ½ J	156			
			5 J	161			
T 125/80 R 17	99	775	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	<b>640</b>	<b>291</b>	<b>1940</b>
			4 J <sup>5)</sup>	136			
T 135/80 R 17	102	850	<b>3 ½ J<sup>5)</sup></b>	<b>138</b>	<b>656</b>	<b>297</b>	<b>1989</b>
	103	875	4 J <sup>5)</sup>	143			
			4 ½ J <sup>5)</sup>	148			
T 145/80 R 17	107	975	3 ½ J	146			
			<b>4 J</b>	<b>151</b>	<b>674</b>	<b>303</b>	<b>2038</b>
			4 ½ J	156			
			5 J	161			
T 165/80 R 17	104	900	4 J	167			
			<b>4 ½ J</b>	<b>172</b>	<b>704</b>	<b>321</b>	<b>2142</b>
			5 J	177			
			5 ½ J	182			
T 135/80 R 18	104	900	<b>3 ½ J<sup>5)</sup></b>	<b>138</b>	<b>681</b>	<b>310</b>	<b>2066</b>
			4 J <sup>5)</sup>	143			
			4 ½ J <sup>5)</sup>	148			
T 145/80 R 18	99	775	3 ½ J	146			
			<b>4 J</b>	<b>151</b>	<b>699</b>	<b>316</b>	<b>2115</b>
			4 ½ J	156			
			5 J	161			
T 145/80 R 19	110	1060	3 ½ J	146			
			<b>4 J</b>	<b>151</b>	<b>725</b>	<b>328</b>	<b>2195</b>
			4 ½ J	156			
			5 J	161			
T 155/80 R 19	114	1180	4 J	158			
			<b>4 ½ J</b>	<b>163</b>	<b>741</b>	<b>334</b>	<b>2244</b>
			5 J	168			
T 175/80 R 19	122	1500	4 ½ J	179			
			<b>5 J</b>	<b>184</b>	<b>775</b>	<b>346</b>	<b>2342</b>
			5 ½ J	189			
			6 J	194			

<sup>1)</sup> Load capacity at 4.2 bar up to max. 130 km/h. Application-specific speed limited to 80 km/h (50 mph) in accordance with ECE regulation 64.

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity <sup>1)</sup>  kg		Width (mm)	Outer-Ø (mm)		
<b>70 series</b>							
T 115/70 R 15	90	600	3 J <sup>5)</sup>	118			
			<b>3 ½ J<sup>5)</sup></b>	<b>123</b>	549	251	1667
			4 J <sup>5)</sup>	128			
T 125/70 R 15	95	690	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	565	256	1710
			4 J <sup>5)</sup>	136			
T 135/70 R 15	99	775	3 ½ J	139			
			<b>4 J</b>	<b>144</b>	579	261	1753
			4 ½ J	149			
T 115/70 R 16	92	630	3 J <sup>5)</sup>	118			
			<b>3 ½ J<sup>5)</sup></b>	<b>123</b>	574	264	1744
			4 J <sup>5)</sup>	128			
T 125/70 R 16	96	710	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	590	269	1787
			4 J <sup>5)</sup>	136			
T 135/70 R 16	100	800	3 ½ J	139			
			<b>4 J</b>	<b>144</b>	604	274	1830
			4 ½ J	149			
T 125/70 R 17	98	750	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	616	282	1867
			4 J <sup>5)</sup>	136			
T 155/70 R 17	110	1060	4 J	158			
			<b>4 ½ J</b>	<b>163</b>	658	297	1996
			5 J	168			
T 125/70 R 18	99	775	3 J <sup>5)</sup>	126			
			<b>3 ½ J<sup>5)</sup></b>	<b>131</b>	641	294	1943
			4 J <sup>5)</sup>	136			
T 125/70 R 19	100	800	3 J	126			
			<b>3 ½ J</b>	<b>131</b>	667	307	2023
			4 J	136			
T 155/70 R 19	113	1150	4 J	158			
			<b>4 ½ J</b>	<b>163</b>	709	323	2152
			5 J	168			

<sup>1)</sup> Load capacity at 4.2 bar up to max. 130 km/h. Application-specific speed limited to 80 km/h (50 mph) in accordance with ECE regulation 64.

Size	Tyre		Permitted rims <sup>1)</sup>  (measuring rim bold)	Tyre dimensions Max. standard value in operation <sup>2)</sup>		Radius  stat. +/- 2% (mm)	Rolling circumference <sup>3)</sup> +1.5% -2.5% (mm)
	Load Index  LI	Load capacity <sup>1)</sup>  kg		Width (mm)	Outer-Ø (mm)		
<b>65 series</b>							
185/65 R 16 XL	93	650	5 J	192			
			<b>5 ½ J</b>	<b>197</b>	656	297	1970
			6 J	202			
			6 ½ J	207			
<b>60 series</b>							
T 125/60 R 18	94	670	<b>3 ½ J</b>	<b>131</b>	613	285	1863
			4 J	136			
			4 ½ J	141			
T 155/60 R 18	107	975	<b>4 ½ J<sup>5)</sup></b>	<b>163</b>	651	298	1974
			5 J <sup>5)</sup>	168			
			5 ½ J <sup>5)</sup>	173			
T 145/60 R 20	105	925	4 J	151			
			<b>4 ½ J</b>	<b>156</b>	688	319	2094
			5 J	161			
T 165/60 R 20	113	1150	4 J				
			<b>4 ½ J</b>	<b>171</b>	712	328	2167
			5 J				
			5 ½ J				

<sup>1)</sup> Load capacity at 4.2 bar up to max. 130 km/h. Application-specific speed limited to 80 km/h (50 mph) in accordance with ECE regulation 64.



## ContiComfortKit

The ContiComfortKit is a tyre emergency set that quickly makes a vehicle mobile again in the event of tyre failure. It seals punctures in passenger car tyres typically caused by for instance nails. Once the puncture has been sealed, the motorist can continue on his journey for up to 200 km (120 miles) at a maximum speed of 80 km/h (50 mph).

### Please note:

It may not be possible to seal tyres with extensive damage.

Temporarily sealed tyres must be inspected by a tyre specialist as soon as possible.

Be sure to observe the applicable regulations in your country.

Information about repairing tyres can be found on [page 129](#) of this databook.



**Compressor and tyre sealant integrated in one unit**

**Powered by the vehicle electric system (12V, 15A fuse)**

**Integrated lamp and safety reflector, illuminated pressure gauge and display**

**Weight approx. 2.3 kg, dimensions 180x240x95 mm**

**Sealant lasts for 4 years (see expiration date on the emergency set or the bottle)**

**Can be replaced and disposed of by specialized dealers**

### Available products

ContiComfortKit – complete tyre emergency set

Repair set – bottle with sealant, hose, adapter

Further information available in Internet under [www.conticomfortkit-shop.co.uk](http://www.conticomfortkit-shop.co.uk)

## VancoEco™

The new VancoEco for light commercial vehicles and vans

- Cost-effective due to optimised rolling resistance
- Short braking distances, even on wet surfaces
- Car-like handling



### Size range

15 Inch	16 Inch	17 Inch reinf.
195/70 R 15 C 8 PR 104/102 Q (100 R) 104/102 R	195/75 R 16 C 8 PR 107/105 R → 107/105 T →	235/55 R 17 103 H
	215/75 R 16 C 8 PR 113/111 R	
	195/65 R 16 C 8 PR 104/102 T (100 T)	
	205/65 R 16 C 8 PR 107/105 T (103 H)	
	215/65 R 16 C 8 PR 109/107 R (106 T) 109/107 T →	
	225/65 R 16 C 8 PR 112/110 R →	
	235/65 R 16 C 8 PR 115/113 R	
	225/60 R 16 C 8 PR 111/109 T (105 H)	

Technical data

C tyres [page 92 ff.](#)

See cover foldout for footnotes

## Vanco™ 2

For small commercial vehicles and vans

- Up to 20% greater mileage
- Perceptible car-orientated handling
- Excellent wet braking performance
- Outstanding protection against aquaplaning
- Especially robust construction



Size range

14 Inch	15 Inch	16 Inch (continued)
185 R 14 C 8 PR 102/100 Q	195/70 R 15 C 6 PR 100/98 R (97 T)	225/75 R 16 C 8 PR 116/114 R (118/116 P)
195 R 14 C 8 PR 106/104 Q	8 PR 104/102 R	10 PR 118/116 R
205 R 14 C 8 PR 109/107 P	205/70 R 15 C 8 PR 106/104 R	121/120 R
215 R 14 C 8 PR 112/110 P	215/70 R 15 C 8 PR 109/107 R	215/70 R 16 C 6 PR 108/106 S →
185/75 R 14 C 8 PR 102/100 Q	109/107 S	195/65 R 16 C 6 PR 100/98 T
195/75 R 14 C 8 PR 106/104 Q	225/70 R 15 C 8 PR 112/110 R (115 N)	8 PR 104/102 T (100 T)
	205/65 R 15 C 6 PR 102/100 T	205/65 R 16 C 8 PR 107/105 T (103 T)
	215/65 R 15 C 6 PR 104/102 R →	215/65 R 16 C 6 PR 106/104 T
	185/60 R 15 C 6 PR 94/92 T	8 PR 109/107 R (106 T)
	<b>16 Inch</b>	225/65 R 16 C 8 PR 112/110 R
	205 R 16 C 8 PR 110/108 T →	112/110 S
	175/75 R 16 C 8 PR 101/99 R	235/65 R 16 C 8 PR 115/113 R
	185/75 R 16 C 8 PR 104/102 R	10 PR 121/119 R
	195/75 R 16 C 8 PR 107/105 R	
	107/105 T	<b>17 Inch</b>
	10 PR 110/108 R	235/60 R 17 C 10 PR 117/115 R
	205/75 R 16 C 8 PR 110/108 R	
	10 PR 113/111 R	
	215/75 R 16 C 8 PR 113/111 R	
	10 PR 116/114 R	

Technical data

C tyres page 92 ff.

See cover foldout for footnotes

## Vanco™

For small commercial vehicles and vans

- High mileage potential
- Superior service life
- Improved grip in wet conditions
- Minimised risk of aquaplaning



Size range

14 Inch	15 Inch	16 Inch
195 R 14 C 10 PR 110/108 S	195 R 15 C 8 PR 106/104 R	195/75 R 16 C 8 PR 107/105 R
165/75 R 14 C 8 PR 97/95 R	195/70 R 15 C 8 PR 104/102 R	215/75 R 16 C 8 PR 113/111 R
	225/70 R 15 C 8 PR 112/110 R (115 N)	10 PR 116/114 R

See cover foldout for footnotes

Technical data  
C tyres [page 92 ff.](#)

## VancoContact™ 2

For family vans and small commercial vehicles

- Outstanding handling
- Precise braking reaction and reduced stopping distance
- Excellent protection against aquaplaning
- Ride comfort, even at high speeds



Size range

13 Inch	14 Inch	16 Inch
165 R 13 C 6 PR 91/89 R	165/70 R 14 C 6 PR 89/87 R	205/65 R 16 C 6 PR 103/101 H →
165/70 R 13 C 6 PR 88/86 R	165/70 R 14 Rf. 85 S	8 PR 107/105 T (103 H)
	175/70 R 14 C 6 PR 95/93 T	195/60 R 16 C 6 PR 99/97 H
	175/65 R 14 C 6 PR 90/88 R	215/60 R 16 Rf. 99 H
	175/65 R 14 Rf. 86 T	215/60 R 16 C 6 PR 103/101 T
	<b>15 Inch</b>	225/60 R 16 C 6 PR 105/103 H →
	195/70 R 15 Rf. 97 T	
	185/65 R 15 Rf. 92 T	
	195/65 R 15 Rf. 95 T	
	205/65 R 15 Rf. 99 T	
	215/65 R 15 Rf. 100 T	
	100 H	
	215/65 R 15 C 6 PR 104/102 T	

See cover foldout for footnotes

Technical data

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Reinforced tyres [page 42 ff.](#)

## VancoContact™

For family vans and small commercial vehicles

- Optimised braking performance in wet conditions
- High protection against aquaplaning
- Reduced tread wear for increased product life
- Improved rolling characteristics for reduced fuel consumption
- Precise steering characteristics



### Size range

15 Inch			
185/60 R 15 C	6 PR	94/92 T	
195/55 R 15 Rf.		89 H	

See cover foldout for footnotes

16 Inch			
205/65 R 16 C	6 PR	103/101 T	
		(99 H)	
	8 PR	107/105 T	
215/65 R 16 C	4 PR	102/100 H	
	6 PR	106/104 T	
225/60 R 16 Rf.		102 H	
225/60 R 16 C	6 PR	105/103 H	
235/60 R 16 Rf.		104 H	

17 Inch			
185/60 R 17 C	6 PR	96/94 R	
225/55 R 17 Rf.		101 H	
		101 V	
225/55 R 17 C	6 PR	104/102 H	
235/55 R 17 Rf.		103 W	

Technical data

C tyres [page 92 ff.](#)

Reinforced tyres [page 42 ff.](#)

## VancoCamper™

For camper vans

- High safety reserves for camper van application
- Robust construction for improved durability in rough camping environments
- Reduced stopping distance on wet surfaces
- Extra driving stability for rear-heavy camper vans
- Long service intervals, as the tyres' air pressure is held permanently above the minimum pressure



Size range

15 Inch	16 Inch
215/70 R 15 CP 8 PR 109 R	195/75 R 16 CP 8 PR 107 R
	215/75 R 16 C 10 PR 116/114 R
	225/75 R 16 CP 8 PR 116 R
	225/65 R 16 CP 8 PR 112 R
	235/65 R 16 CP 8 PR 115 R

See cover foldout for footnotes

Technical data  
C tyres [page 92 ff.](#)

## VancoFourSeason™ 2

The flexible solution for economical fleet use all the year round

- Maximum efficiency in all seasons
- High safety in the summer due to improved handling characteristics
- High safety in the winter due to reliable traction and braking on wintry roads
- Long tyre life



### Size range

16 Inch			
205/75	R 16 C	8 PR	110/108 R
		10 PR	118/116 R
225/75	R 16 C	10 PR	121/120 R
205/65	R 16 C	8 PR	107/105 T (103 H)
215/65	R 16 C	8 PR	109/107 R → (106 T)
225/65	R 16 C	8 PR	112/110 R
235/65	R 16 C	8 PR	115/113 R
		10 PR	121/119 N → (118 R)

Technical data  
C tyres page 92 ff.

See cover foldout for footnotes



## VancoFourSeason™

The all-season tyre for economical fleet operations

- Greater economy due to longer service life
- Safety reserves in slushy snow and at low temperatures
- Improved wet adhesion and reduced risk of aquaplaning
- Kerbing band protects tyre from sidewall damage
- Improved ride comfort and reduced noise level



Size range

14 Inch
185 R 14 C 8 PR 102/100 Q
165/70 R 14 C 6 PR 89/87 R

See cover foldout for footnotes

15 Inch
195/70 R 15 C 8 PR 104/102 R (97 T)
225/70 R 15 C 8 PR 112/110 R (115 N)
205/65 R 15 C 6 PR 102/100 T

Technical data

C tyres [page 92 ff.](#)

LT tyres [page 74 f.](#)

16 Inch	
LT 215/85 R 16	115/112 Q
205/75 R 16 C 10 PR	113/111 R
215/75 R 16 C 8 PR	113/111 R
	10 PR 116/114 R
LT 245/75 R 16	120/116 Q
195/65 R 16 C 8 PR	104/102 T (100 T)
285/65 R 16 C 10 PR	128 N (121 R)

## VancoWinter™ 2

For winter use on small commercial vehicles and vans

- Optimised braking effect on snow and ice
- Car-orientated handling on snow
- Cost-effective even in winter
- Excellent protection against aquaplaning and safe wet handling
- Robust construction



Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

### Size range

14 Inch	16 Inch	16 Inch (continued)
185 R 14 C 8 PR 102/100 Q	175/75 R 16 C 8 PR 101/99 R →	225/65 R 16 C 8 PR 112/110 R
195 R 14 C 8 PR 106/104 Q →	185/75 R 16 C 8 PR 104/102 R	235/65 R 16 C 8 PR 115/113 R
165/70 R 14 C 6 PR 89/87 R	195/75 R 16 C 8 PR 107/105 R	10 PR 121/119 N →
175/70 R 14 C 6 PR 95/93 T	205/75 R 16 C 8 PR 110/108 R	(118 R)
175/65 R 14 C 6 PR 90/88 T	215/75 R 16 C 8 PR 113/111 R	195/60 R 16 C 6 PR 99/97 T
<b>15 Inch</b>	225/75 R 16 C 8 PR 116/114 R	205/60 R 16 C 6 PR 100/98 T
195/70 R 15 C 8 PR 104/102 R	(118/116 P)	215/60 R 16 C 6 PR 103/101 T
195/70 R 15 Rf. 97 T	195/65 R 16 C 8 PR 104/102 T	<b>17 Inch</b>
205/70 R 15 C 8 PR 106/104 R	(100 T)	215/60 R 17 C 6 PR 104/102 H
215/70 R 15 C 8 PR 109/107 R	205/65 R 16 C 8 PR 107/105 T	
225/70 R 15 C 8 PR 112/110 R	(103 T)	
(115 N)	215/65 R 16 C 6 PR 106/104 T	
205/65 R 15 C 6 PR 102/100 T	8 PR 109/107 R	
185/55 R 15 C 6 PR 90/88 T	(106 T)	

Technical data

C tyres [page 92 ff.](#)

Reinforced tyres [page 42 ff.](#)

See cover foldout for footnotes

## VancoWinterContact™

For family vans and small commercial vehicles on wintry roads

- Excellent grip and optimal braking performance in wintry conditions
- Economical thanks to long service life
- Outstanding protection against aquaplaning
- High ride comfort, low tyre noise



Size range

13 Inch
165/70 R 13 C 6 PR 88/86 R

Technical data

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Reinforced tyres [page 42 ff.](#)

15 Inch
205/65 R 15 Rf. 99 T
185/60 R 15 C 6 PR 94/92 T
195/55 R 15 Rf. 89 T

16 Inch
215/65 R 16 C 4 PR 102/100 T

See cover foldout for footnotes

Size	Tyre		Rim <sup>7)</sup> (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions				new		Radius stat. +/- 2% (mm)	Rolling circumference +1.5% -2.5% (mm)	
	PR	Service description <sup>6)</sup>			Max. standard value in operation <sup>8)</sup>				Width	Outer-Ø			
					Width		Outer-Ø						
Stand-ard	Spe-cial	Stand-ard	Spe-cial	Width	Outer-Ø								
<b>13 Inch</b>													
165 R 13 C	6	91/89R	4 J	43 GS 11.5	167	175	604	609	162	596	273	1806	
			4 ½ J		172	180			167				
			5 J		177	185			172				
165/70 R 13 C	6	88/86R	4 ½ J <sup>5)</sup>	43 GS 11.5	172		572	576	165	170	258	1703	
			5 J <sup>5)</sup>		177				170				
<b>14 Inch</b>													
175 R 14 C	8	99/98P	4 ½ J	43 GS 11.5	178	187	642	648	173	634	293	1921	
			5 J		183	192			178				
			5 ½ J		188	197			183				
185 R 14 C	6	99/97Q	5 J	43 GS 11.5	189	198	659	665	183	650	299	1970	
	8	102/100Q	5 ½ J		194	203			188				
195 R 14 C	6	102/100Q	5 J	43 GS 11.5	199	209	675	682	193	666	306	2018	
			5 ½ J		204	214			198				
			6 J		209	219			203				
205 R 14 C	8	109/107P	5 ½ J	43 GS 11.5	209	220	696	703	203	686	312	2079	
			6 J		214	225			208				
			6 ½ J		219	230			213				
215 R 14 C	8	112/110P	5 ½ J	(43 GS 11.5)	220	230	710	717	213	700	319	2121	
			6 J		225	235			218				
			6 ½ J		230	240			223				
165/75 R 14 C	8	97/95R	4 J	TR 600 XHP, TR 602 HP	167		614	618	160	604	277	1830	
			4 ½ J		172				165				
			5 J		177				170				
185/75 R 14 C	8	102/100Q	5 J	TR 600 XHP, TR 602 HP	191	646	-	-	184	634	289	1921	
			5 ½ J		196	189							
			6 J		201	194							
195/75 R 14 C	8	106/104Q	5 J	TR 600 XHP, TR 602 HP	199	666	-	-	191	648	295	1963	
			5 ½ J		204	196							
			6 J		209	201							
165/70 R 14 C	6	89/87R	4 ½ J	43 GS 11.5	172	598	602	-	165	588	270	1782	
			5 J		177				170				
175/70 R 14 C	6	95/93T	4 ½ J	43 GS 11.5	179	612	616	-	172	602	276	1824	
			5 J		184				177				
			5 ½ J		189				182				
175/65 R 14 C	6	90/88R	5 J	43 GS 11.5	186	594	598	-	177	584	269	1770	
		90/88T	5 ½ J		191				182				

See cover foldout for footnotes and page 100 \* (Valves)

	PR	Load Index	Wheel position <sup>9)</sup>	Load capacity (kg) per axle at a tyre pressure (bar)													Speed Index and reference speed (km/h)	
				3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0		
	6	91 89	S T	1030 1940	1095 2070	1165 2195	1230 2320											R 170
	6	88 86	S T	935 1775	1000 1890	1060 2005	1120 2120											R 170
	8	99 98	S T	1120 2170	1195 2310	1270 2450	1340 2590	1410 2730	1480 2865	1550 3000								P 150
	6	99 97	S T	1295 2445	1380 2605	1465 2765	1550 2920											Q 160
	8	102 100	S T	1230 2315	1310 2465	1390 2620	1470 2765	1545 2915	1625 3060	1700 3200								
	6	102 100	S T	1420 2675	1515 2855	1605 3030	1700 3200											Q 160 S 180
	8	106 104	S T	1375 2605	1465 2775	1555 2945	1645 3110	1730 3275	1815 3440	1900 3600								
	10	110 108	S T	1355 2555	1445 2725	1535 2890	1620 3055	1705 3220	1790 3380	1875 3535	1955 3690	2040 3845	2120 4000					
	8	109 107	S T	1490 2820	1590 3005	1685 3190	1780 3370	1875 3550	1970 3725	2060 3900								P 150
	8	112 110	S T	1620 3065	1725 3270	1830 3470	1935 3665	2040 3860	2140 4050	2240 4240								P 150
	8	97 95	S T	1010 1910	1080 2035	1145 2160	1210 2285	1270 2405	1335 2525	1400 2645	1460 2760							R 170
	8	102 100	S T	1175 2215	1255 2360	1330 2505	1405 2650	1480 2790	1555 2930	1630 3065	1700 3200							Q 160
	8	106 104	S T	1315 2495	1405 2655	1490 2820	1575 2980	1655 3140	1740 3295	1820 3450	1900 3600							Q 160
	6	89 87	S T	970 1825	1035 1945	1100 2065	1160 2180											R 170
	6	95 93	S T	1150 2175	1230 2315	1305 2460	1380 2600											T 170
	6	90 88	S T	1005 1875	1070 2000	1135 2120	1200 2240											R 170 T 190

Size	Tyre		Rim <sup>7)</sup> (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions				new		Radius stat. +/- 2% (mm)	Rolling circum- ference +1.5% -2.5% (mm)	
	PR	Service description <sup>6)</sup>			Max. standard value in operation <sup>8)</sup>				Width	Outer- Ø			
					Width	Outer- Ø	Stand- ard	Spe- cial					Stand- ard
<b>15 Inch</b>													
185 R 15 C	8	103/102R	5 J	43 GS 11.5	189	198	683	689	183	674	312	2042	
			<b>5 ½ J</b>		194	203			188				
			6 J		199	208			193				
195 R 15 C	8	106/104R	5 J	43 GS 11.5	201	703	-	193	690	318	2091		
			<b>5 ½ J</b>		206			198					
			6 J		211			203					
175/70 R 15 C	8	97/95T	4 ½ J	43 GS 11.5 (1540, 38 G 11.5)	179	637	641	172	627	289	1900		
			<b>5 J</b>		184			177					
			5 ½ J		189			182					
195/70 R 15 C	6	100/98R (97T)	5 J	43 GS 11.5	199	665	671	191	655	300	1985		
			<b>5 ½ J</b>		204			196					
	8	104/102Q (100 R)	<b>6 J</b>		209			201					
		104/102R 104/102R (97T)											
205/70 R 15 C	8	106/104R	5 ½ J	43 GS 11.5	212	681	687	204	669	305	2027		
			<b>6 J</b>		217			209					
			6 ½ J		222			214					
215/70 R 15 C	8	109/107R	5 ½ J	43 GS 11.5 TR 600 XHP, TR 600 HP	220	695	701	211	683	311	2069		
		109/107S	6 J		225			216					
		109R	<b>6 ½ J</b>		230			221					
			7 J		235			226					
215/70 R 15 CP	8	109R		TR 600 XHP, TR 602 HP, 40 MS									
225/70 R 15 C	8	112/110R (115N)	6 J	43 GS 11.5	232	709	715	223	697	317	2112		
			<b>6 ½ J</b>		237			228					
			7 J		242			233					
205/65 R 15 C		102/100T 102/100R	5 ½ J	43 GS 11.5	212	657	663	204	647	297	1960		
			<b>6 J</b>		217			209					
			6 ½ J		222			214					
215/65 R 15 C	6	104/102T 104/102R	6 J	43 GS 11.5	225	673	677	216	661	302	2003		
			<b>6 ½ J</b>		230			221					
			7 J		235			226					
185/60 R 15 C	6	94/92T	5 ½ J	43 GS 11.5	197	611	617	189	603	279	1827		
			<b>6 J</b>		202			194					
185/55 R 15 C		90/88T	5 ½ J	43 GS 11.5	197	593	598	189	585	272	1773		
			<b>6 J</b>		202			194					

See cover foldout for footnotes and page 100 \* (Valves)

PR	Load Index	Wheel position <sup>9)</sup>	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed (km/h)	
			3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0			
8	103	S	1265	1350	1435	1515	1595	1675	1750									R 170
	102	T	2460	2620	2780	2940	3095	3250	3400									
8	106	S	1375	1465	1555	1645	1730	1815	1900									R 170
	104	T	2605	2775	2945	3110	3275	3440	3600									
8	97	S	1055	1125	1195	1260	1330	1395	1460									T 190
	95	T	1995	2125	2225	2385	2510	2635	2760									
6	100	S	1340	1425	1515	1600												Q 160 R 170 (T 190)
	98	T	2510	2675	2840	3000												
	97	S	1220	1300	1380	1460												
8	104	S	1300	1385	1470	1555	1640	1720	1800									
	102	T	2460	2620	2780	2940	3095	3250	3400									
8	106	S	1375	1465	1555	1640	1730	1815	1900									R 170
	104	T	2605	2775	2945	3110	3275	3440	3600									
8	109	S	1490	1590	1685	1780	1875	1970	2060									R 170 S 180
	107	T	2820	3005	3190	3370	3550	3725	3900									
8	109	FA S	1425	1520	1615	1705	1795	1885	1975	2060								
		RA S	1270	1350	1435	1516	1595	1675	1755	1830	1910	1985	2060					
		RA T	2400	2560	2715	2870	3025	3175	3320	3470	3615	3760	3900					
8	109	FA S	1425	1520	1615	1705	1795	1885	1975	2060								
		RA S	1270	1350	1435	1516	1595	1675	1755	1830	1910	1985	2060					
1.85x109	RA T	2640	2810	2985	3155	3320	3485	3650	3810									
8	112	S	1620	1725	1830	1935	2040	2140	2240									R 170 (N 140)
	110	T	3065	3270	3470	3665	3860	4050	4240									
	115	S	1680	1790	1900	2010	2115	2220	2325	2430								
6	102	S	1420	1515	1605	1700												R 170 T 190
	100	T	2675	2855	3030	3200												
6	104	S	1505	1605	1700	1800												T 190
	102	T	2840	3030	3215	3400												
6	94	S	1120	1195	1270	1340												T 190
	92	T	2110	2245	2385	2520												
6	90	S	1005	1070	1135	1200												T 190
	88	T	1875	2000	2120	2240												

Size	Tyre		Rim 7) (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions				new		Radius stat. +/- 2% (mm)	Rolling circum- ference +1.5% -2.5% (mm)	
	PR	Service description 6)			Max. standard value in operation <sup>8)</sup>		Width	Outer-Ø		Width			Outer- Ø
					Stand- ard	Spe- cial		Stand- ard	Spe- cial				
<b>16 Inch</b>													
175/75 R 16 C	8	101/99 R	4 ½ J	TR 600 XHP, TR 602 HP	179	678	684	172	668	308	2024		
			5 J		184			177					
			5 ½ J		189			182					
185/75 R 16 C	8	104/102 R	5 ½ J	TR 600 XHP, TR 602 HP	191	696	700	184	684	314	2073		
			5 ½ J		196			189					
			6 J		201			194					
195/75 R 16 C	8	107/105 R	5 J	TR 600 XHP, TR 602 HP	199	710	716	191	698	320	2115		
		107/105 T	5 ½ J		204			196					
		10	110/108 R		6 J			209					201
195/75 R 16 CP	8	107 R		TR 600 XHP, TR 602 HP, 40 MS									
205/75 R 16 C	8	110/108 R	5 ½ J	TR 600 XHP, TR 602 HP	211	726	732	203	714	326	2163		
			6 J		216			208					
			6 ½ J		221			213					
215/75 R 16 C	8	113/111 R	5 ½ J	TR 600 XHP, TR 602 HP	220	740	748	211	728	332	2206		
			6 J		225			216					
			6 ½ J		230			221					
			7 J		235			226					
													TR 600 XHP, TR 602 HP, 40 MS
225/75 R 16 C	8	116/114 N (110S)	6 J	43 GS 11.5	232	758	764	223	744	338	2254		
			6 ½ J		237			228					
	8	116/114 R (118/116P) 116R	7 J	TR 600 XHP, TR 602 HP, 40 MS	242			233					
			10		118/116 R 121/120 R			40 MS					
225/75 R 16 CP	8	116 R		TR 600 XHP, TR 602 HP, 40 MS									

See cover foldout for footnotes and page 100 \* (Valves)



PR	Load Index	Wheel position <sup>9)</sup>	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed (km/h)
			3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0		
8	101 99	S T	1140 2145	1215 2290	1290 2430	1360 2565	1435 2700	1505 2835	1575 2970	1650 3100							R 170
8	104 102	S T	1245 2355	1330 2510	1410 2665	1490 2815	1570 2965	1645 3110	1725 3255	1800 3400							R 170
8	107 105	S T	1350 2560	1440 2730	1525 2900	1615 3060	1700 3225	1785 3385	1865 3545	1950 3700							R 170 T 190
10	110 108	S T	1355 2555	1445 2725	1535 2890	1620 3055	1705 3220	1790 3380	1875 3535	1955 3690	2040 3845	2120 4000					
8	107 107	FA S RA S	1350 1200	1440 1280	1525 1360	1615 1435	1700 1510	1785 1585	1865 1660	1950 1735	1805	1880	1950				
1.85x107		RA T	2500	2665	2830	2990	3145	3300	3455	3610							
8	110 108	S T	1470 2770	1565 2955	1660 3135	1755 3310	1850 3485	1940 3660	2030 3830	2120 4000							R 170
10	113 111	S T	1470 2785	1565 2970	1665 3150	1755 3330	1850 3510	1940 3680	2035 3855	2125 4025	2210 4195	2300 4360					
8	113 111	S T	1590 3020	1700 3220	1800 3415	1905 3610	2005 3800	2105 3990	2205 4175	2300 4360							R 170
10	116 114	S T	1600 3015	1705 3215	1805 3410	1910 3605	2010 3795	2110 3985	2210 4170	2310 4355	2405 4540	2500 4720					
10	116 116 114	FA S RA S RA T	1600 1600 3015	1705 1705 3215	1805 1805 3410	1910 1910 3605	2010 2010 3795	2110 2110 3985	2210 2210 4170	2310 2310 4355	2405 2405 4540	2500 2500 4720	2500	2500	2500		
8	116 114 110	S T S	1730 3270 1605	1845 3485 1710	1960 3695 1815	2070 3905 1920	2180 4115 2020	2285 4320 2120	2395 4520 2120	2500 4720 2120							N 140 R 170 (S 180) (P 150)
	116 114	S T	1730 3270	1845 3485	1960 3695	2070 3905	2180 4115	2285 4320	2395 4520	2500 4720							
	118 116	S T	1685 3195	1800 3410	1910 3615	2015 3820	2125 4020	2230 4220	2335 4420	2435 4615	2540 4810	2640 5000					
	116 116	FA S RA S	1730 1540	1845 1640	1960 1740	2070 1840	2180 1940	2285 2035	2395 2130	2500 2225	2315	2410	2500				
		RA T	2905	3100	3290	3475	3660	3840	4020	4200	4375	4550	4720				
10	118 116	S T	1685 3195	1800 3410	1910 3615	2015 3820	2125 4020	2230 4220	2335 4420	2435 4615	2540 4810	2640 5000					
	121 120	S T	1725 3330	1835 3550	1950 3765	2060 3980	2170 4190	2275 4395	2385 4605	2490 4805	2595 5010	2695 5205	2800 5405	2900 5600			
8	116 116	FA S RA S	1730 1540	1845 1640	1960 1740	2070 1840	2180 1940	2285 2035	2395 2130	2500 2225	2315	2410	2500				
1.85x116		RA T	3200	3415	3625	3830	4030	4230	4430	4625							

Size	Tyre		Rim 7) (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions				new		Radius stat. +/- 2% (mm)	Rolling circum- ference +1.5% -2.5% (mm)					
	PR	Service description 6)			Max. standard value in operation <sup>8)</sup>				Width	Outer- Ø							
					Width	Outer- Ø	Stand- ard	Spe- cial									
<b>16 Inch</b>																	
215/70 R 16 C	6	108/106 S	5 ½ J	43 GS 11.5	220	720	726	211	708	324	2145						
			6 J		225												
			<b>6 ½ J</b>		230												
			7 J		235												
195/65 R 16 C	6	100/98 T	5 J	TR 600 XHP, TR 602 HP	199	670	676	191	660	305	2000						
	8	104/102 T (100 T)	5 ½ J		204												
		104/102 R (100 R)	<b>6 J</b>		209												
205 R 16 C	8	110/108 S	5 ½ J	43 GS 11.5	211	750	756	203	736	338	2230						
			<b>6 J</b>		216												
			6 ½ J		221												
205/65 R 16 C	6	103/101 T (99H)	5 ½ J	43 GS 11.5	212	682	686	204	672	310	2036						
		103/101 H	6 ½ J		217												
		6 ½ J	222														
	8	107/105 T	TR 600 XHP, TR 602 HP	6 ½ J	212	682	686	204	672	310	2036						
		107/105 T (103 T)															
		107/105 T (103 H)															
215/65 R 16 C	4	102/100 H	6 J	43 GS 11.5	225	698	702	216	686	315	2079						
		102/100 T	<b>6 ½ J</b>		230												
	6	106/104 T	7 J		235												
	8	109/107 R	TR 600 XHP, TR 602 HP		6 ½ J			232				710	716	223	698	320	2115
		109/107 R (106 R)															
109/107 R (106 T)	237																
109/107 T	242																
225/65 R 16 C	8	112/110 S	6 J	TR 600 XHP, TR 602 HP	232	710	716	223	698	320	2115						
		112/110 R	<b>6 ½ J</b>		237												
		112 R	7 J		242												
225/65 R 16 CP	8	112/110 R	6 ½ J	TR 600 XHP, TR 602 HP, 40 MS	232	710	716	223	698	320	2115						
235/65 R 16 C	8	115/113 R	6 ½ J	TR 600 XHP, TR 602 HP, 40 MS	245	724	730	235	712	325	2157						
		121/119 N (118 R)	<b>7 J</b>		250												
		121/119 R	7 ½ J		255												
235/65 R 16 CP	8	115 R	6 ½ J	TR 600 XHP, TR 602 HP, 40 MS	245	724	730	235	712	325	2157						

See cover foldout for footnotes and page 100 \* (Valves)

PR	Load Index	Wheel position <sup>9)</sup>	Load capacity (kg) per axle at a tyre pressure (bar)													Speed Index and reference speed (km/h)	
			3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0		
6	108	S	1675	1785	1895	2000											S 180
	106	T	3180	3390	3595	3800											
6	100	S	1340	1425	1515	1600											R 170 T 190
		T	2510	2675	2840	3000											
	8	104	S	1245	1330	1410	1490	1570	1645	1725	1800						
	102	T	2355	2510	2665	2815	2965	3110	3255	3400							
	100	S	1340	1425	1515	1600											
8	110	S	1535	1635	1735	1830	1930	2025	2120								S 180
	108	T	2890	3085	3270	3455	3640	3820	4000								
6	103	S	1465	1560	1655	1750											R 170 T 190 H 210
		T	2760	2940	3120	3300											
		S	1455	1550													
8	107	S	1350	1440	1525	1615	1700	1785	1865	1950							
		T	2560	2730	2900	3060	3225	3385	3545	3700							
		S	1465	1560	1655	1750											
4	102	S	1595	1700													R 170 T 190 H 210
		T	3000	3200													
6	106	S	1590	1695	1800	1900											
		T	3010	3210	3405	3600											
8	109	S	1425	1520	1615	1705	1795	1885	1975	2060							
		T	2700	2880	3055	3230	3400	3570	3735	3900							
8	112	S	1550	1655	1755	1855	1950	2050	2145	2240							R 170
		T	2935	3130	3320	3510	3695	3880	4060	4240							
8	112	FA S	1550	1655	1755	1855	1950	2050	2145	2240							
		RA S	1380	1470	1560	1650	1735	1825	1910	1990	2075	2160	2240				
		RA T	2870	3060	3245	3430	3615	3790	3970	4145							
8	115	S	1680	1795	1905	2010	2120	2225	2330	2430							R 170
		T	3185	3395	3605	3805	4010	4210	4405	4600							
10	121	S	1725	1835	1950	2060	2170	2275	2385	2490	2595	2695	2800	2900			
		T	3235	3445	3655	3865	4070	4270	4470	4670	4865	5060	5250	5440			
		S	1685	1800	1910	2015	2125	2230	2335	2435	2540	2640					
8	115	FA S	1680	1795	1905	2010	2120	2225	2330	2430							
		RA S	1495	1595	1695	1790	1885	1975	2070	2160	2250	2340	2430				
		RA T	3110	3320	3520	3720	3920	4110	4305	4495							

Size	Tyre		Rim <sup>7)</sup> (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions				new		Radius stat. +/- 2% (mm)	Rolling circumference +1.5% -2.5% (mm)
	PR	Service description <sup>6)</sup>			Max. standard value in operation <sup>8)</sup>				Width	Outer-Ø		
					Width	Special	Standard	Special				
<b>16 Inch</b>												
285/65 R 16 C	10	128 N (121 R)	8 J	TR 600 XHP, TR 602 HP, 40 MS	299	790	798	287	776	351	2351	
			<b>8 ½ J</b>		304			292				
			9 J		309			297				
195/60 R 16 C	6	99/97 T 99/97 H	5 ½ J	43 GS 11.5	204	650	654	196	640	297	1939	
			<b>6 J</b>		209			201				
			6 ½ J		214			206				
205/60 R 16 C	6	100/98 T	6 J	43 GS 11.5	217	-	666	209	652	302	1976	
			6 ½ J		222			214				
215/60 R 16 C	6	103/101 T	6 J	43 GS 11.5	225	674	680	216	664	306	2012	
			<b>6 ½ J</b>		230			221				
			7 J		235			226				
225/60 R 16 C	6	101/99 H	<b>6 ½ J</b>	43 GS 11.5	237	686	-	228	676	311	2048	
		105/103 H	7 J		242			233				
		8	111/109 T (105 H)		7 ½ J			247				238
205/55 R 16 C	6	98/96 T	6 J	43 GS 11.5	217	642	646	209	632	293	1915	
			<b>6 ½ J</b>		222			214				
<b>17 Inch</b>												
185/60 R 17 C	6	96/94 R	5 ½ J	43 GS 11.5	197	662	668	189	654	305	1982	
			6 J		202			194				
215/60 R 17 C	6	104/102 H	6 J	43 GS 11.5	225	700	706	216	690	319	2091	
			<b>6 ½ J</b>		230			221				
			7 J		235			226				
235/60 R 17 C	10	117/115 R	6 ½ J	TR 600 XHP, TR 602 HP, 40 MS	245	726	730	235	714	329	2163	
			<b>7 J</b>		250			240				
			7 ½ J		255			245				
225/55 R 17 C	6	104/102 H	6 ½ J	43 GS 11.5	237	690	-	228	680	315	2060	
			<b>7 J</b>		242			233				
			7 ½ J		247			238				
255/55 R 17 C	10	118/116 R	7 ½ J	TR 600 XHP, TR 602 HP, 40 MS	271	724	728	260	712	328	2157	
			<b>8 J</b>		276			265				
			8 ½ J		281			270				
<b>18 Inch</b>												
255/55 R 18 C	8	116/114 T	7 ½ J	43 GS 11.5	271	749	753	260	737	341	2233	
			<b>8 J</b>		276			265				
			8 ½ J		281			270				

<sup>7)</sup> 43 GS 11.5 are snap-in valves approved for up to 4.5 bar

38 G 11.5 is a valve for the hose

Standard rubber valves are only approved for up to 4.5 bar **in service**

TR 600 XHP and TR 602 HP (ETRTO V3.23.1+2) are reinforced snap-in valves approved for up to 5.5 bar

40 MS (ETRTO V2.04.1, V2.05.1) are metal valves approved for pressures up to 6 bar and higher.

PR	Load Index	Wheel position <sup>9)</sup>	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed (km/h)	
			3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0			
10	128	S	2300	2455	2605	2750	2895	3040	3180	3325	3460	3600						N 140
	121	S	2010	2140	2270	2400	2525	2655	2775	2900								R 170
6	99	S	1295	1380	1465	1550												T 190
	97	T	2445	2605	2765	2920												H 210
6	100	S	1240	1425	1515	1600												T 190
	98	T	2510	2675	2840	3000												
6	103	S	1460	1560	1655	1750												T 190
	101	T	2760	3940	3120	3300												
6	101	S	1550	1650														H 210
	99	T	2900	3100														T 190
	105	S	1550	1650	1750	1850												
	103	T	2930	3120	3310	3500												
8	111	S	1510	1610	1705	1805	1900	1995	2090	2180								
	109	T	2855	3040	3225	3410	3590	3770	3945	4120								
	105	S	1550	1650	1750	1850												
6	98	S	1255	1340	1420	1500												T 190
	96	T	2375	2535	2685	2840												
6	96	S	1190	1265	1345	1420												R 170
	94	T	2240	2390	2535	2680												
6	104	S	1505	1605	1705	1800												H 210
	102	T	2845	3030	3215	3400												
10	117	S	1640	1750	1860	1965	2070	2170	2270	2370	2470	2570						R 170
	115	T	3105	3310	3515	3715	3910	4105	4295	4485	4675	4860						
6	104	S	1505	1605	1705	1800												H 210
	102	T	2845	3030	3215	3400												
10	118	S	1685	1800	1910	2015	2125	2230	2335	2435	2540	2640						R 170
	116	T	3195	3405	3615	3820	4020	4220	4420	4615	4810	5000						
8	116	S	1730	1845	1955	2065	2175	2285	2390	2500								T 190
	114	T	3265	3480	3695	3905	4110	4315	4520	4720								

See cover foldout for footnotes

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>82 series</b>			
125 R 12	63	300	2.4
145 R 12	73	400	2.4
155 R 12	77	455	2.4
<b>80 series</b>			
135/80 R 13	70	370	2.6
145/80 R 13	75	425	2.6
155/80 R 13	79	480	2.6
165/80 R 13	83	535	2.6
145/80 R 14	76	440	2.6
175/80 R 14	88	615	2.6
185/80 R 14 Rf.	94	735	3.0
165/80 R 15	87	600	2.6
<b>70 series</b>			
145/70 R 12	69	360	2.7
135/70 R 13	68	345	2.7
145/70 R 13	71	380	2.7
155/70 R 13	75	425	2.7
165/70 R 13	79	480	2.7
165/70 R 13 XL / Rf.	83	535	3.1
175/70 R 13	82	525	2.7
185/70 R 13	86	585	2.7
165/70 R 14	81	510	2.7
165/70 R 14 XL / Rf.	85	565	3.1
175/70 R 14	84	550	2.7
185/70 R 14	88	615	2.7
195/70 R 14	91	675	2.7
135/70 R 15	70	370	2.7
155/70 R 15	78	470	2.7
195/70 R 15 Rf.	97	805	3.1
205/70 R 15	96	780	2.7
215/70 R 15	98	825	2.7
235/70 R 15	103	960	2.7

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>65 series</b>			
155/65 R 13	73	400	2.7
165/65 R 13	77	455	2.7
175/65 R 13	80	495	2.7
155/65 R 14	75	425	2.7
165/65 R 14	79	480	2.7
175/65 R 14	82	525	2.7
175/65 R 14 Rf.	86	585	3.1
185/65 R 14	86	585	2.7
195/65 R 14	89	640	2.7
145/65 R 15	72	390	2.7
155/65 R 15	77	455	2.7
165/65 R 15	81	510	2.7
175/65 R 15	84	550	2.7
185/65 R 15	88	615	2.7
195/65 R 15	91	675	2.7
195/65 R 15 XL / Rf.	95	760	3.1
205/65 R 15	94	735	2.7
205/65 R 15 Rf.	99	855	3.1
215/65 R 15	96	780	2.7
215/65 R 15 Rf.	100	880	3.1
215/65 R 16	98	825	2.7
215/65 R 17	98	825	2.7
	99	855	2.7
<b>60 series</b>			
165/60 R 14	75	425	2.7
165/60 R 14 XL	79	480	3.1
175/60 R 14	79	480	2.7
185/60 R 14	82	525	2.7
195/60 R 14	86	585	2.7
155/60 R 15	74	410	2.7
175/60 R 15	81	510	2.7
185/60 R 15	84	550	2.7
185/60 R 15 XL	88	615	3.1
195/60 R 15	88	615	2.7
205/60 R 15	91	675	2.7
205/60 R 15 Rf.	95	760	3.1
215/60 R 15	95	760	2.7
215/60 R 15 XL	98	825	3.1
225/60 R 15	96	780	2.7
175/60 R 16	82	525	2.7
185/60 R 16	86	585	2.7

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>60 series (continued)</b>			
195/60 R 16	89	640	2.7
205/60 R 16	92	695	2.7
205/60 R 16 XL	96	780	3.1
215/60 R 16	95	760	2.7
215/60 R 16 XL / Rf.	99	855	3.1
225/60 R 16	98	825	2.7
225/60 R 16 XL / Rf.	102	935	3.1
235/60 R 16	100	880	2.7
235/60 R 16 Rf.	104	990	3.1
215/60 R 17	96	780	2.7
225/60 R 17	99	855	2.7
225/60 R 18 XL	103	965	3.1
	104	990	3.1
<b>55 series</b>			
185/55 R 14	80	495	2.7
175/55 R 15	77	455	2.7
185/55 R 15	82	525	2.7
185/55 R 15 XL / Rf.	86	585	3.1
195/55 R 15	85	565	2.7
195/55 R 15 XL / Rf.	89	640	3.1
205/55 R 15	88	615	2.7
185/55 R 16	83	535	2.7
185/55 R 16 XL	87	600	3.1
195/55 R 16	87	600	2.7
195/55 R 16 XL	91	675	3.1
205/55 R 16	91	675	2.7
205/55 R 16 XL	94	735	3.1
215/55 R 16	93	715	2.7
215/55 R 16 XL / Rf.	95	760	3.1
215/55 R 16 XL / Rf.	97	805	3.1
225/55 R 16	95	760	2.7
225/55 R 16 XL	99	855	3.1
205/55 R 17	91	675	2.7
205/55 R 17 XL	95	760	3.1
215/55 R 17	94	735	2.7
215/55 R 17 XL	98	825	3.1

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>55 series (continued)</b>			
225/55 R 17	97	805	2.7
225/55 R 17 XL / Rf.	101	910	3.1
235/55 R 17	99	855	2.7
235/55 R 17 XL / Rf.	103	965	3.1
245/55 R 17	102	935	2.7
215/55 R 18	95	760	2.7
235/55 R 18	100	880	2.7
235/55 R 18 XL	104	990	3.1
<b>50 series</b>			
175/50 R 13	72	390	2.7
185/50 R 14	77	455	2.7
195/50 R 15	82	525	2.7
205/50 R 15	86	585	2.7
185/50 R 16	81	510	2.7
195/50 R 16	84	550	2.7
195/50 R 16 XL	88	615	3.1
205/50 R 16	87	600	2.7
225/50 R 16	92	695	2.7
	93	715	2.7
225/50 R 16 XL	96	780	3.1
235/50 R 16	95	760	2.7
205/50 R 17	89	640	2.7
205/50 R 17 XL	93	715	3.1
215/50 R 17	91	675	2.7
215/50 R 17 XL	95	760	3.1
225/50 R 17	94	735	2.7
225/50 R 17 XL	98	825	3.1
235/50 R 17	96	780	2.7
235/50 R 17 XL	100	880	3.1
225/50 R 18 XL	99	855	3.1
235/50 R 18	97	805	2.7
235/50 R 18 XL	101	910	3.1
245/50 R 18	100	880	2.7
245/50 R 18 XL	104	990	3.1
235/50 R 19	99	855	2.7
275/50 R 19 XL	112	1230	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>45 series</b>			
195/45 R 13	75	425	2.7
195/45 R 14	77	455	2.7
165/45 R 15	68	345	2.7
195/45 R 15	78	470	2.7
195/45 R 16	80	495	2.7
195/45 R 16 XL	84	550	3.1
205/45 R 16	83	535	2.7
215/45 R 16	86	585	2.7
215/45 R 16 XL	90	660	3.1
225/45 R 16	89	640	2.7
245/45 R 16	94	735	2.7
195/45 R 17	81	510	2.7
205/45 R 17	84	550	2.7
205/45 R 17 XL	88	615	3.1
215/45 R 17	87	600	2.7
215/45 R 17 XL	91	675	3.1
225/45 R 17	91	675	2.7
225/45 R 17 XL / Rf.	94	735	3.1
235/45 R 17	94	735	2.7
235/45 R 17 XL	97	805	3.1
245/45 R 17	95	760	2.7
245/45 R 17 XL / Rf.	99	855	3.1
255/45 R 17	98	825	2.7
255/45 R 17 XL	102	935	3.1
215/45 R 18 XL	93	715	3.1
225/45 R 18	91	675	2.7
225/45 R 18 XL	95	760	3.1
235/45 R 18 XL	98	825	3.1
245/45 R 18	96	780	2.7
245/45 R 18 XL	100	880	3.1
255/45 R 18	99	855	2.7
255/45 R 18 XL	103	965	3.1
275/45 R 18	103	965	2.7
235/45 R 19 XL	99	855	3.1
245/45 R 19	98	825	2.7
245/45 R 19 XL	102	935	3.1
255/45 R 19	100	880	2.7
255/45 R 19 XL	104	990	3.1
265/45 R 20	104	990	2.7

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>40 series</b>			
195/40 R 14	73	400	2.7
215/40 R 14	79	480	2.7
195/40 R 16 XL	80	495	3.1
215/40 R 16 XL	86	585	3.1
225/40 R 16	85	565	2.7
195/40 R 17 XL	81	510	3.1
205/40 R 17 XL	84	550	3.1
215/40 R 17 XL	87	600	3.1
235/40 R 17	90	660	2.7
245/40 R 17	91	675	2.7
255/40 R 17	94	735	2.7
255/40 R 17 XL	98	825	3.1
275/40 R 17	98	825	2.7
215/40 R 18 XL	89	640	3.1
225/40 R 18	88	615	2.7
225/40 R 18 XL	92	695	3.1
235/40 R 18	91	675	2.7
235/40 R 18 XL	95	760	3.1
245/40 R 18	93	715	2.7
245/40 R 18 XL	97	805	3.1
255/40 R 18	95	760	2.7
255/40 R 18 XL	99	855	3.1
265/40 R 18 XL	101	910	3.1
275/40 R 18	99	855	2.7
275/40 R 18 XL	103	965	3.1
225/40 R 19	89	640	2.7
235/40 R 19 XL	96	780	3.1
245/40 R 19	94	735	2.7
245/40 R 19 XL	98	825	3.1
255/40 R 19	96	780	2.7
255/40 R 19 XL	100	880	3.1
275/40 R 19	101	910	2.7
275/40 R 19 XL	105	1020	3.1
285/40 R 19	103	965	2.7
285/40 R 19 XL	107	1075	3.1
235/40 R 20 XL	100	880	3.1
245/40 R 20	95	760	2.7
245/40 R 20 XL	99	855	3.1
255/40 R 20 XL	101	910	3.1
265/40 R 20 XL	104	990	3.1
265/40 R 21 XL	105	1020	3.1
275/40 R 22 XL	108	1100	3.1



Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>35 series</b>			
215/35 ZR 16 XL	81	510	3.1
215/35 ZR 17 XL	83	535	3.1
225/35 R 17 Rf.	86	585	3.1
245/35 R 17	87	600	2.7
215/35 R 18 XL	84	550	3.1
225/35 R 18 XL	87	600	3.1
245/35 R 18	88	615	2.7
245/35 R 18 XL	92	695	3.1
255/35 R 18	90	660	2.7
255/35 R 18 XL	94	735	3.1
265/35 R 18	93	715	2.7
265/35 R 18 XL	97	805	3.1
275/35 R 18	95	760	2.7
275/35 R 18 XL	99	855	3.1
285/35 R 18	97	805	2.7
285/35 R 18 XL	101	910	3.1
295/35 R 18	99	855	2.7
225/35 R 19 XL	88	615	3.1
235/35 R 19	87	600	2.7
235/35 R 19 XL	91	675	3.1
245/35 R 19 XL	93	715	3.1
255/35 R 19	92	695	2.7
255/35 R 19 XL	96	780	3.1
265/35 R 19	94	735	2.7
265/35 R 19 XL	98	825	3.1
275/35 R 19	96	780	2.7
275/35 R 19 XL	100	880	3.1
285/35 R 19	99	855	2.7
285/35 R 19 XL	103	965	3.1
225/35 R 20 XL	90	660	3.1
245/35 R 20 XL	95	760	3.1
255/35 R 20 XL	97	805	3.1
275/35 R 20	98	825	2.7
275/35 R 20 XL	102	935	3.1
285/35 R 20 XL	104	990	3.1
245/35 R 21 XL	96	780	3.1
255/35 R 21 XL	98	825	3.1
265/35 R 21 XL	101	910	3.1
275/35 R 21 XL	103	965	3.1

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger Car Tyres</b>			
<b>30 series</b>			
255/30 R 18 XL	90	660	3.1
285/30 R 18	93	715	2.7
295/30 R 18	94	735	2.7
255/30 R 19 XL	91	675	3.1
265/30 R 19 XL	93	715	3.1
275/30 R 19 XL	96	780	3.1
285/30 R 19 XL	98	825	3.1
295/30 R 19	96	780	2.7
295/30 R 19 XL	100	880	3.1
305/30 R 19 XL	102	935	3.1
325/30 R 19 XL	105	1020	3.1
235/30 R 20 XL	88	615	3.1
245/30 R 20 XL	90	660	3.1
255/30 R 20 XL	92	695	3.1
265/30 R 20 XL	94	735	3.1
275/30 R 20 XL	97	805	3.1
285/30 R 20 XL	99	855	3.1
295/30 R 20 XL	101	910	3.1
305/30 R 20 XL	103	965	3.1
335/30 R 20 XL	108	1100	3.1
255/30 R 21 XL	93	715	3.1
265/30 R 21 XL	96	780	3.1
275/30 R 21 XL	98	825	3.1
295/30 R 21 XL	102	935	3.1
265/30 R 22 XL	97	805	3.1
<b>25 series</b>			
315/25 R 19	93	715	2.7
285/25 R 20 XL	92	695	3.1
295/25 R 20 XL	95	760	3.1
305/25 R 20 XL	97	805	3.1
325/25 R 20 XL	101	910	3.1
295/25 R 21 XL	96	780	3.1
325/25 R 21 XL	102	935	3.1
295/25 R 22 XL	97	805	3.1
305/25 R 22 XL	99	855	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger 4x4 tyres</b>			
<b>80 series</b>			
195/80 R 15	96	780	2.6
205/80 R 16 XL	104	990	3.0
<b>75 series</b>			
205/75 R 15	97	805	2.7
215/75 R 15	100	880	2.7
225/75 R 15	102	935	2.7
P 235/75 R 15	105	1020	2.7
235/75 R 15 XL	109	1135	3.1
265/75 R 15	112	1230	2.7
215/75 R 16 XL	107	1070	3.1
225/75 R 16	104	990	2.7
P 235/75 R 16	106	1045	2.7
235/75 R 16	108	1100	2.7
P 245/75 R 16	109	1135	2.7
245/75 R 16	111	1200	2.7
265/75 R 16	116	1375	2.7
<b>70 series</b>			
205/70 R 15	96	780	2.7
225/70 R 15	100	880	2.7
235/70 R 15	103	965	2.7
P 255/70 R 15	108	1100	2.7
265/70 R 15	112	1230	2.7
P 215/70 R 16	99	855	2.7
215/70 R 16	100	880	2.7
225/70 R 16	102	935	2.7
P 235/70 R 16	104	990	2.7
235/70 R 16	106	1045	2.7
245/70 R 16	107	1070	2.7
245/70 R 16 XL	111	1200	3.1
255/70 R 16	111	1200	2.7
265/70 R 16	112	1230	2.7
275/70 R 16	114	1300	2.7
235/70 R 17 XL	111	1200	3.1
245/70 R 17	110	1165	2.7
265/70 R 17	115	1335	2.7

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger 4x4 tyres</b>			
<b>65 series</b>			
175/65 R 15	84	550	2.7
185/65 R 15	88	615	2.7
215/65 R 16	98	825	2.7
255/65 R 16	109	1135	2.7
225/65 R 17	102	935	2.7
235/65 R 17	104	990	2.7
235/65 R 17 XL	108	1100	3.1
245/65 R 17	107	1070	2.7
XL	111	1200	3.1
255/65 R 17	110	1165	2.7
265/65 R 17	112	1230	2.7
275/65 R 17	115	1335	2.7
285/65 R 17	116	1375	2.7
235/65 R 18 XL	110	1165	3.1
<b>60 series</b>			
235/60 R 16	100	880	2.7
215/60 R 17	96	780	2.7
225/60 R 17	99	855	2.7
	98	825	2.7
235/60 R 17	102	935	2.7
255/60 R 17	106	1045	2.7
275/60 R 17	110	1165	2.7
235/60 R 18	103	965	2.7
235/60 R 18 XL	107	1070	3.1
255/60 R 18 XL	112	1230	3.1
265/60 R 18	110	1165	2.7
<b>55 series</b>			
225/55 R 17	97	805	2.7
235/55 R 17	99	855	2.7
255/55 R 17	104	990	2.7
275/55 R 17	109	1135	2.7
225/55 R 18	98	825	2.7
235/55 R 18	100	880	2.7
255/55 R 18	105	1020	2.7
255/55 R 18 XL	109	1135	3.1
235/55 R 19	101	910	2.7
235/55 R 19 XL	105	1020	3.1
255/55 R 19 XL	111	1200	3.1
275/55 R 19	111	1200	2.7
275/55 R 20 XL	117	1415	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger 4x4 tyres</b>			
<b>50 series</b>			
235/50 R 18	97	805	2.7
235/50 R 18 XL	101	910	3.1
285/50 R 18	109	1135	2.7
235/50 R 19	99	855	2.7
255/50 R 19	103	965	2.7
255/50 R 19 XL	107	1070	3.1
265/50 R 19 XL	110	1165	3.1
255/50 R 20 XL	109	1135	3.1
265/50 R 20 XL	111	1200	3.1
275/50 R 20	109	1135	2.7
285/50 R 20 XL	116	1375	3.1
<b>45 series</b>			
255/45 R 18	99	855	2.7
235/45 R 19	95	760	2.7
255/45 R 19	100	880	2.7
275/45 R 19 XL	108	1100	3.1
285/45 R 19	107	1070	2.7
285/45 R 19 XL	111	1200	3.1
295/45 R 19	109	1135	2.7
235/45 R 20 XL	100	880	3.1
245/45 R 20 XL	103	965	3.1
255/45 R 20 XL	105	1020	3.1
265/45 R 20 XL	108	1100	3.1
275/45 R 20 XL	110	1165	3.1
295/45 R 20 XL	114	1300	3.1
285/45 R 22 XL	114	1300	3.1
305/45 R 22 XL	118	1450	3.1
<b>40 series</b>			
255/40 R 19	96	780	2.7
275/40 R 20 XL	106	1045	3.1
295/40 R 20	106	1045	2.7
295/40 R 20 XL	110	1165	3.1
265/40 R 21 XL	105	1020	3.1
295/40 R 21 XL	111	1200	3.1
265/40 R 22 XL	106	1045	3.1
305/40 R 22 XL	114	1300	3.1
305/40 R 23 XL	115	1335	3.1
285/40 R 24 XL	112	1230	3.1

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
<b>Passenger 4x4 tyres</b>			
<b>35 series</b>			
315/35 R 20 XL	110	1165	3.1
295/35 R 21 XL	107	1070	3.1
265/35 R 22 XL	102	935	3.1
275/35 R 22 XL	104	990	3.1
285/35 R 22 XL	106	1045	3.1
315/35 R 24 XL	114	1300	3.1
<b>30 series</b>			
295/30 R 22 XL	103	965	3.1
315/30 R 22 XL	107	1070	3.1
305/30 R 23 XL	106	1045	3.1
<b>25 series</b>			
335/25 R 22 XL	105	1020	3.1
315/25 R 23 XL	102	935	3.1

Increased load capacity of tyres on caravans and lightweight trailers (only applies to trailers with a max. speed of 100 km/h or 62 mph entered in the car registration documents).

Tyre size	PR	LI	Max.**) Load capacity (kg)	Inflation pres- sure (bar)
<b>Commercial-C-tyres *)</b>				
<b>13 Inch</b>				
165 R 13 C	6	91	645	3.75
165/70 R 13 C	6	88	590	3.75
<b>14 Inch</b>				
175 R 14 C	8	99	815	4.5
185 R 14 C	6	99	815	3.75
	8	102	895	4.5
195 R 14 C	6	102	895	3.75
	8	106	1000	4.5
	10	110	1115	5.25
205 R 14 C	8	109	1080	4.5
215 R 14 C	8	112	1175	4.5
165/75 R 14 C	8	97	765	4.75
185/75 R 14 C	8	102	895	4.75
195/75 R 14 C	8	106	1000	4.75
165/70 R 14 C	6	89	610	3.75
175/70 R 14 C	6	95	725	3.75
175/65 R 14 C	6	90	630	3.75
<b>15 Inch</b>				
185 R 15 C	6	100	840	3.75
	8	103	920	4.5
195 R 15 C	8	106	1000	4.5
195/70 R 15 C	6	100	840	3.75
	8	104	945	4.5
205/70 R 15 C	8	106	1000	4.5
215/70 R 15 C	8	109	1080	4.5
225/70 R 15 C	8	112	1175	4.5
205/65 R 15 C	6	102	895	3.75
185/60 R 15 C	6	94	705	3.75
185/55 R 15 C		90	630	3.75

\*) 14, 15 and small 16 and 17 inch C tyres with treads like pass. car tyres for service on delivery vans.  
For other C tyres, see Technical Databook for truck tyres.

Tyre size	PR	LI	Max.**) Load capacity (kg)	Inflation pres- sure (bar)
<b>Commercial-C-tyres *)</b>				
<b>16 Inch</b>				
205 R 16 C	8	110	1115	4.5
175/75 R 16 C	8	101	865	4.75
185/75 R 16 C	8	104	945	4.75
195/75 R 16 C	8	107	1025	4.75
	10	110	1115	5.25
205/75 R 16 C	8	110	1115	4.75
	10	113	1210	5.25
215/75 R 16 C	8	113	1210	4.75
	10	116	1315	5.25
225/75 R 16 C	8	116	1315	4.75
	10	121	1525	5.75
215/70 R 16 C	6	108	1050	3.75
195/65 R 16 C	6	100	840	3.75
	8	104	945	4.75
205/65 R 16 C	6	103	920	3.75
	8	107	1025	4.75
215/65 R 16 C	4	102	895	3.75
	6	106	1000	3.75
	8	109	1080	4.75
225/65 R 16 C	8	112	1175	4.75
235/65 R 16 C	8	115	1275	4.75
285/65 R 16 C	10	128	1890	5.25
	6	99	815	3.75
195/60 R 16 C	6	100	840	3.75
225/60 R 16 C	6	101	865	3.25
	(6)	105	970	3.75
	8	111	1145	4.75
205/55 R 16 C	6	98	790	3.75
<b>17 Inch</b>				
185/60 R 17 C	6	96	745	3.75
215/60 R 17 C	6	104	945	3.75
225/55 R 17 C	6	104	945	3.75
255/55 R 17 C	10	118	1390	5.25

\*\*) also for C tyres: Load capacity per tyre (single fitment)

**Conditions of use:**

An increase of 10% resp. 5% for C tyres over the load capacity, as quoted in these tables, is permitted when tyres are fitted to caravans and light trailers with a maximum operating speed up to 100 km/h (62 mph). The basic inflation pressure for passenger tyres should be increased by 0.2 bar, as quoted in these tables.

Inner tube group	Tyre sizes (radial tyres)	
1020	145; 165/70	R 10 R 10
1210	125; 145/70	R 12 R 12
1220	135–150 155/70	R 12 R 12
1230	155; 165 165/70; 175/70	R 12 R 12
1320	135–150 145/70; 155/70	R 13 R 13
1330	155–165 165/70; 175/70	R 13 R 13
1340	175–185 185/70; 195/70	R 13 R 13

Valve for all tubes indicated: 38 G 11.5.  
Tubes may not be fitted in tyres of 65 series and below.

Schlauch-gruppe	Reifengrößen (Radialreifen)	
1420	135–150 155/70	R 14 R 14
1430	155–165 165/70; 175/70	R 14 R 14
1440	170–185 185/70; 195/70	R 14 R 14
1460	195–205 205/70; 215/70	R 14 R 14
1510	125	R 15
1520	135–150 155/70	R 15 R 15
1530	155–165 165/70; 175/70	R 15 R 15
1540	170–185 185/70; 195/70	R 15 R 15
1550	6.70–7.60	R 15
1560	195; 205 205/70; 215/70; 225/70	R 15 R 15

The rim is the part of the wheel which supports the tyre.

### 1. Important elements of the rim

Rim flange = lateral support for the tyre bead

Flange distance = clear rim width

Bead seat = base on which the tyre bead is seated

Well = inner side of the rim

Diameter = specified diameter flange/ bead seat

Hump = continuous raised section of the rim bead seat which enables a better fitting of tubeless tyre beads at **low pressure.**<sup>1)</sup>

### 2. Types of rims

The well-base rim is virtually the only type of rim used on cars, caravans and other car trailers:

**Well-base rims** = one-piece rims, deepened well for easier tyre fitting, 5° tapered bead seat, “x” in the wheel size designation.

Virtually only J and B versions of the well-base rim are used and these are explained here in more detail.

If rubber valves (snap-in type) are used on rims for higher speeds, these must be fitted with **valve supports** where necessary. Also refer to the section “Fitting the tyre”.

<sup>1)</sup> Safety shoulders (e.g. hump) are prescribed for tubeless radial car tyres. They should also be used for tubeless truck C tyres with a 14 to 17 inch code for the rim diameter.

### 3. Wheel disc (nave)

The wheel disc is the linking element between the rim and the axle hub. Of all the measurements for wheel linking elements – centre bore and bore diameter, bolt hole type and **offset depth** – the latter is a particularly important factor for the free movement of the tyre in any wheel position.

(Offset depth = 0, when the rim centre and hub contact area of the wheel disc are in line).

### 4. Wheel strength

The wheel manufacturer must confirm that the wheel strength is adequate for each particular application.

### 5. Lateral and true running of the wheels (without tyres)

On cars which are virtually all able to considerably exceed 100 km/h (62 mph), it is particularly important that the wheels of the vehicle are **well-centred**.

There should be as little radial and lateral run-out as possible on both bead seat/ flange sides of the rim, in order to achieve **good smooth running**.

The standard shows max. tolerances of 1.20 mm. This dimension is for the centre of the tyre seat area or the centre of the flange height. All measurements, particularly the **uniformity**, should be well within these tolerances.

R<sub>4</sub> and R<sub>5</sub>: between 4 and 10 mm

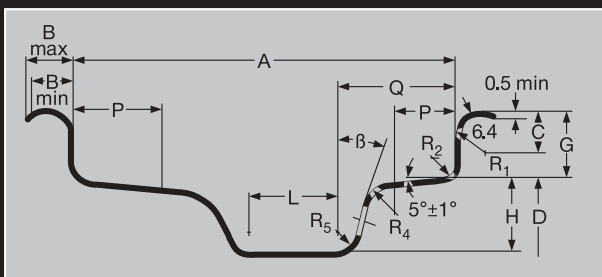
R<sub>5</sub>: not larger than 10 mm

Valve Hole-Ø:

11.5 mm (11.3<sub>-0</sub><sup>+0.4</sup>) centrally in the side of the rim well.

16.0 mm (15.7 mm<sub>-0</sub><sup>+0.4</sup>)

only with Ø-Code 15.



Rim Contour	Dimensions (mm)															
	A	B	G Min	P Max 1)	H ± 0.6	L Min	Q Min 2)	R <sub>1</sub> Min	R <sub>2</sub> Max	Min	β Max	Min				
3.00 B	76	± 1	10	13	14.1	13	15	16	28	7.5	4.5	10°				
3.50 B	89					15		19	34							
4.00 B	101.5					19.5		22	45							
4.50 B	114.5															
5.00 B	127															
5.50 B	139.5															
6.00 B	152.5	± 1.5	11	15	17.3	13	17.3	16	28	9.5	6.5	20°				
3 J	76					15		19	34							
3 1/2 J	89					19.5		22	45							
4 J	101.5															
4 1/2 J	114.5															
5 J	127															
5 1/2 J	139.5					228.5		241.5	266.5				279.5	292	305	317.5
6 J	152.5															
6 1/2 J	165															
7 J	178															
7 1/2 J	190.5															
8 J	203															
8 1/2 J	216	279.5	292	305	317.5											
9 J	228.5															
9 1/2 J	241.5															
10 J	254															
10 1/2 J	266.5															
11 J	279.5															
11 1/2 J	292	305	317.5													
12 J	305															
12 1/2 J	317.5															

<sup>1)</sup> B max. values may be exceeded on rims for light commercial vehicles

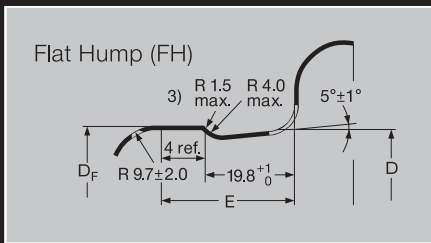
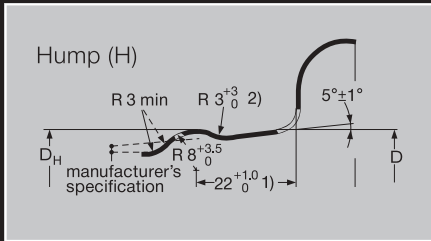
<sup>2)</sup> Minimum dimensions for well depth (H) and well angle are required for tyre mounting

**Rim diameter**

Code (ins)	12	13	14	15	16	17	18	19	20	21	22	23	24
D (mm)	304.0	329.4	354.8	380.2	405.6	436.6	462.0	487.4	512.8	538.2	563.6	589.0	614.4

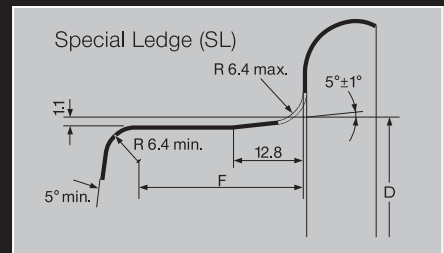
**Special rim executions for passenger cars**

In many countries safety rims must be used for tubeless radial tyres.



These full-drop centre rims with safety shoulders for cars, estate cars and light trucks are marked with the following codes shown after rim size designation:

- H** = one-sided round hump on outer shoulder (formerly: H 1)
- H 2** = double round hump
- FH** = flat hump on outer shoulder (formerly: FHA 1)
- FH 2** = double flat hump (formerly: FHA 2)
- CH** = combination hump = flat hump on outer shoulder, round hump on inner shoulder (formerly: FHA-H)
- SL** = special ledge
- EH2** = Extended Hump (with extended hump on both sides) (see following page)

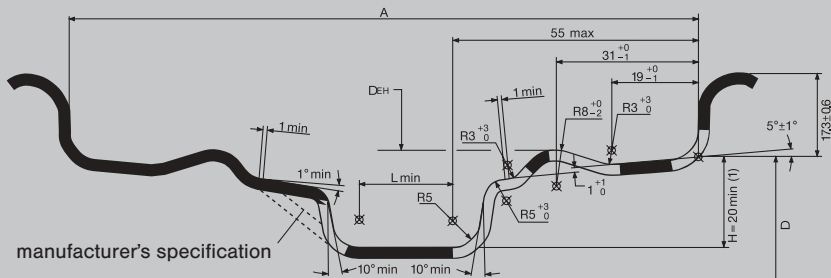


1) In most car rims 19.8 mm.  
 2) For B-Rims R = 8.5 mm max. resp. R = 4 ± 1 mm.  
 3) Deburred

Ledge	Rim diameter Code (ins)	Dimensions (mm)		
		H	FH	
		Circumference $\pi \cdot D_H (+0/-3)$	Circumference $\pi \cdot D_F (+0/-3)$	E Max.
B	12	957.6	-	-
	13	1037.0	1034.8	24.5
	14	1116.8	1114.6	
J	13	1037.0	1034.8	28.5
	14	1116.8	1114.6	
	15	1196.6	1194.6	
	16	1276.4	1274.2	
	17	1373.8	1371.6	
	18	1453.6	1451.4	
	19	1533.4	1531.2	
	20	1613.2	1611.0	
	21	1693.0	1690.8	
	22	1772.8	1770.6	
	23	1852.6	1850.4	
24	1932.4	1930.2		

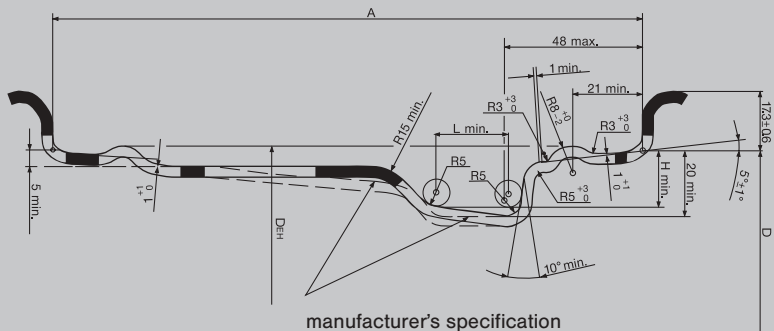


**Extended Hump – with extended hump on both sides (EH2)**



This contour is valid for rim sizes from 5 1/2 J up to 13 1/2 J  
 (1): H ≥ 22 necessary for automatic fitting two beads at once

**Extended Hump – with extended hump on both sides (EH2+)**



**Extended Hump circumference**

Rim diameter Code (ins)	Extended Hump circumference (mm) $\pi \cdot DEH + 0/-3.0$
15	1204.2
16	1284
17	1381.2
18	1461
19	1540.8
20	1620.6
21	1700.4

**SAFETY  
WARNING!**

The following instructions must be observed to ensure vehicle safety at all times. Disregarding the fitting instructions could endanger the safety of the tyre fitter or driver. This applies in particular to inflation pressure.

**Non-compliance with these instructions means risking tyre damage which, if serious enough, may result in a tyre bursting. It is an hazard like this that can cause traffic accidents involving vehicle damage and /or serious personal injury.**

### Correct choice of tyre and wheel

**Tyres** can be properly maintained only if they are chosen in accordance with vehicle documents and recommendations of the tyre manufacturer.

The dimensions and technical properties of SSR runflat tyres (see page 40) correspond to those of standard tyres of the same size and construction.

SSR tyres may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system. A tyre mix should not be fitted on a vehicle since each axle position then does not have the runflat properties provided by SSR tyres.

The use of **higher grade tyres** of the same size is permitted: Higher speed categories, i.e. "H" instead of "T". Greater load capacity, i.e. Load Index 82 instead of 80. Both factors may be combined, i.e. greater load and speed.

If tyres are changed to a different size, all legal requirements and regulations, as well as the recommendations of the vehicle, wheel and tyre manufacturers must be complied with. In any event, the freedom of motion of the wheel and adequate load capacity of the tyre must be observed.

Tyre sizes and rims not entered in the vehicle registration document may only be fitted if the vehicle and tyre manufacturer issue a **certificate of non-objection** or if a public authority issues fitting approval after an inspection by an officially authorised expert<sup>1)</sup>.

**80 and 82 series passenger car tyres** of the same size can be interchanged without new approval and without any new entry in the vehicle documents if LI and SI of the interchanging size are of an equivalent or higher-grade quality.

Example: 155/80 R13 79T replaces 155 R13 79T.

**Mixed tyre constructions** for cars, caravans and other car trailers are not permitted: Tyres fitted on any one vehicle must all be either radial or cross-ply. (Exception: Use of the spare tyre in an emergency).

The same applies to the choice of **wheels (rims)**: The standard wheels approved by the vehicle manufacturer must be used as recommended.

The **tyre widths** given in the tables on pages 42–61, 62–75 and 92–101 refer to the **measuring rim** (bold print in the tables). In the event of a change in the rim width by + $\frac{1}{2}$  inch, the tyre width changes by approx. +5 mm.

<sup>1)</sup> Exception: This does not apply to the UK.

## Winter tyres


**Winter tyres** are clearly superior in the cold months of the year; they offer a wider margin of safety and better economy when the temperature drops below 7°C.

Winter tyres approved for a max. speed lower than that of the vehicle may only be fitted if the max. speed of these tyres is displayed in full view of the driver, e.g. on a clearly visible sticker on the dashboard<sup>1)</sup>. This maximum tyre speed must not be exceeded.

A combination of summer and winter tyres on passenger cars is not recommended. In most European countries either summer or winter (M+S) tyres are specified for any one axle; in some countries<sup>1)</sup> this applies to all four wheel positions.

Winter tyres have to meet special requirements, meaning that the legal minimum tread depth of 1.6 mm is inadequate. **The suitability limit for winter use is a tread depth of 4 mm.** In the interest of safety, Continental recommends replacing winter tyres before the tread depth drops below 4 mm for winter service. Such tyres can still be used in summer.

Top safety in winter can be provided only by true winter tyres on all axle positions (4 tyres).

 Snowflake designation (in USA and Canada): This additional marking on an M+S tyre shows that the tyre meets prescribed test criteria and ensures good winter properties.

<sup>1)</sup> Exception: In Austria, passenger car winter tyres with less than 4 mm remaining tread depth are no longer legally considered to be winter tyres.

## Brittleness temperature of rubber compounds – passenger tyres

**Several performance aspects of tyres are influenced by temperature.** For example traction (wet and dry), rolling resistance, mileage and ride comfort.

To achieve optimum performance, Continental therefore recommends that winter tyres be used at temperatures below +7°C and summer tyres at temperatures above +7°C.

All-season tyres with M+S marking, although a compromise in certain performance aspects, are suitable for use in hot and cold temperatures.

The tread patterns and rubber compounds used in the above mentioned tyres are specifically designed and developed to offer optimum performance within the temperature range for which they are intended.

### Summer tyres – especially Ultra High Performance tyres

The highly developed, specialized tread compounds used in such tyres are designed to provide the highest possible levels of grip at ambient temperatures above +7°C.

Such tread compounds are however **very sensitive to temperature.**

Permanent damage may occur to the tread compounds of such tyres if they are used at temperatures below –20°C.

At this temperature, the tread compounds of UHP summer tyres may lose their elasticity and become brittle (the so-called brittleness point). When this occurs and the tyre is flexed, the tread compound may crack.

Therefore, UHP summer tyres should not be used at temperatures below –20°C. Continental group tyres with an M+S marking on the sidewall are suitable for use down to –45°C.

## Fitting the tyre

### SAFETY WARNING!



If a tyre is not properly fitted it may burst. The energy released in a blow-out can cause fatal injuries so tyres must be fitted by an expert. Only approved fitting tools and lubricants may be used. Observe all fitting instructions.

Because of the special technology involved, SSR runflat tyres may be mounted and removed only by specifically trained workshops that have been certified by Continental (see page 40). Detailed mounting instructions for SSR runflat tyres under [www.conti-ssr.co.uk](http://www.conti-ssr.co.uk)

ContiSeal tyres do not differ from non-ContiSeal tyres in aspects such as mounting, demounting, inflating, and balancing. For detailed information see page 41 and [www.contiseal.com](http://www.contiseal.com)

Before the old tyre is taken off the valve insert must be unscrewed and removed to ensure all air has escaped.

When removing tyres sealed with sealant (ContiComfortKit) pay special attention to the following:

The tyre contains up to ½ litre liquid sealant. Therefore:

- Wear PE gloves when removing the tyre and make sure that the work area is well ventilated (to prevent odour build-up).
- Make certain that the tyre is fully deflated before removal.
- Move the wheel carefully so the sealant can collect at the lowest point in the tyre. Drain all of the sealant before removing the tyre. Removal equipment can get dirty if the sealant spills.
- Dispose of remaining sealant in compliance with commercial regulations.

Detailed instructions for removing tyres filled with sealant can be found under [www.coticomfortkit-shop.co.uk](http://www.coticomfortkit-shop.co.uk)

The new tyre and rim must have matching diameters and be approved as a combination suitable for the vehicle model concerned. Only rims of the correct size in perfect condition and free of rust should be used. They must not be damaged, out of shape or worn. This applies in particular in combination with SSR runflat tyres.

When fitting new tube-type tyres, always use **new tubes**. As tubes stretch in service, there is a risk of folds forming in old tubes, so re-used tubes could suddenly tear.

For safety reasons, tubeless tyres should always be fitted with **new valves**.

If rubber valves (snap-in types) are used for tubeless tyres, the vehicle manufacturer's instructions must be complied with in all cases. A **valve support** (i.e. a stopper on the rim itself or the hubcap) should be fitted, if H, V, W, Y or ZR tyres are specified for the vehicle. This ensures that valves are not forced off at high speeds.

Always coat the tyre beads and the rim with a **fitting lubricant** recommended by the tyre manufacturer. This applies in particular to low section tyres and SSR runflat tyres. Never use greases or other hydrocarbons for this purpose.

While the tyre is being inflated, the wheel must remain firmly secured on the mounting machine. **Never inflate an unsecured tyre.** If a loose tyre bursts, the wheel could be thrown around, causing damage.

Keep a reasonable distance from any tyre that is being inflated. Make use of a sufficiently long and secured extension hose with an integrated pressure gauge. **Never bend over a tyre while it is being inflated!**

When fitting tubeless car tyres, care should be taken to ensure that the tyre beads coming from the well-base first clear the hump in the rim shoulder. To avoid cracks in the bead core, the **"pop" pressure** necessary should not exceed 3.3 bar. If the tyre does not pop into place even at this pressure, the pressure must be lowered, and the cause identified and eliminated. Then the procedure can be repeated.

Only when the tyre beads are seated correctly on the rim shoulder may the pressure be increased to achieve the required press-fit and firm grip on the rim flanges. However, this **"fitting pressure"** should not exceed 150% of the max. pressure given in the tables or be more than 4.0 bar. After this, adjust the pressure to the **operating pressure** specified by the vehicle manufacturer (also see Continental tyre pressure table).

Car tyres should be **dynamically balanced** to achieve smooth running.

### Fitting the wheel to the vehicle

Vehicle axle data such as toe-in, camber angle and wheel castor as well as axle alignment must be checked and, if necessary, be adjusted to within tolerances. Only then should new tyres be fitted.

SSR runflat tyres may only be fitted on vehicles for which they are approved by the vehicle manufacturer and that are equipped with a tyre pressure monitoring system.

When fitting a tyre, make sure that the wheel is centred on the axle hub. If necessary, re-balance the wheel electronically once it is fitted on the vehicle.

Valves should be fitted with **valve caps** – preferably with a sealing ring – as they protect the delicate **valve inserts** and the inside of the tyre.

When mounting **wheel caps and wheel trim rings**, sufficient clearance to the tyre sidewall must be maintained. The wheel cap or wheel trim ring may not come in contact with the tyre under any operating conditions (e. g. brutal braking maneuvers, fast cornering). The diameter of the wheel cap and the wheel trim ring may not extend beyond the rim flange edge. This applies in particular to tyres with rim protection (flange rib "FR").

**Directional tyres** must be fitted so that they roll in the direction of the arrow on the sidewall as the vehicle moves forward.

Exception: For a short-term use as a temporary fitment spare; but revert to specified fitted position at the earliest possible opportunity!

Modern **asymmetrical tyres** are frequently non-directional. These tyres must be fitted with the sidewall 'Outside' on the outside of the vehicle so that their asymmetrical treads can be used to best effect.

Tyres with both of these properties, i.e. that are directional and asymmetrical, must in addition be fitted on the correct side of the vehicle, i.e. on the left or on the right to comply with both of the instructions above.

## Tyre pressure

### **SAFETY WARNING!**



**Incorrect tyre pressure can lead to the inside of the tyre being damaged. This can result in tyre problems or even a blow-out. Hidden tyre problems are not rectified by adjusting the tyre pressure.**

Table 1:

**Load capacities and tyre pressures – standard car tyres**

(The tyre pressure values shown here apply to speeds up to 160 km/h (100 mph) for camber angles not greater than 2°)

Load Index	Load capacity (kg) at tyre pressure (bar)					
	2.0	2.1	2.2	2.3	2.4	2.5
62	220	230	240	250	255	<b>265</b>
63	230	235	245	255	265	<b>272</b>
64	235	245	255	260	270	<b>280</b>
65	245	250	260	270	280	<b>290</b>
66	250	260	270	280	290	<b>300</b>
67	255	265	275	285	295	<b>307</b>
68	265	275	285	295	305	<b>315</b>
69	270	285	295	305	315	<b>325</b>
70	280	290	300	315	325	<b>335</b>
71	290	300	310	325	335	<b>345</b>
72	295	310	320	330	345	<b>355</b>
73	305	315	330	340	355	<b>365</b>
74	315	325	340	350	365	<b>375</b>
75	325	335	350	360	375	<b>387</b>
76	335	350	360	375	385	<b>400</b>
77	345	360	370	385	400	<b>412</b>
78	355	370	385	400	410	<b>425</b>
79	365	380	395	410	425	<b>437</b>
80	375	390	405	420	435	<b>450</b>
81	385	400	415	430	445	<b>462</b>
82	395	415	430	445	460	<b>475</b>
83	405	425	440	455	470	<b>487</b>
84	420	435	450	470	485	<b>500</b>
85	430	450	465	480	500	<b>515</b>
86	445	460	480	495	515	<b>530</b>
87	455	475	490	510	525	<b>545</b>
88	470	485	505	525	540	<b>560</b>
89	485	505	525	545	560	<b>580</b>

Continued see following page

Table 1 (continued):

**Load capacities and tyre pressures – standard car tyres**

Load Index	Load capacity (kg) at tyre pressure (bar)					
	2.0	2.1	2.2	2.3	2.4	2.5
90	500	520	540	560	580	<b>600</b>
91	515	535	555	575	595	<b>615</b>
92	525	550	570	590	610	<b>630</b>
93	545	565	585	610	630	<b>650</b>
94	560	585	605	625	650	<b>670</b>
95	575	600	625	645	670	<b>690</b>
96	595	620	640	665	685	<b>710</b>
97	610	635	660	685	705	<b>730</b>
98	625	650	675	700	725	<b>750</b>
99	650	675	700	725	750	<b>775</b>
100	670	695	720	750	775	<b>800</b>
101	690	720	745	770	800	<b>825</b>
102	710	740	765	795	825	<b>850</b>
103	730	760	790	820	845	<b>875</b>
104	755	785	815	840	870	<b>900</b>
105	775	805	835	865	895	<b>925</b>
106	795	825	860	890	920	<b>950</b>
107	815	850	880	910	945	<b>975</b>
108	835	870	905	935	970	<b>1000</b>
109	860	895	930	965	995	<b>1030</b>
110	885	920	955	990	1025	<b>1060</b>
111	910	950	985	1020	1055	<b>1090</b>
112	935	975	1010	1050	1085	<b>1120</b>
113	960	1000	1040	1075	1115	<b>1150</b>
114	985	1025	1065	1105	1140	<b>1180</b>
115	1015	1055	1095	1135	1175	<b>1215</b>



Table 2:

**Load capacities and tyre pressures – Reinforced and Extra Load car tyres**

Load Index	Load capacity (kg) at tyre pressure (bar)									
	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
79	325	340	350	365	375	390	400	415	425	<b>437</b>
81	345	355	370	385	395	410	425	435	450	<b>462</b>
82	355	365	380	395	410	420	435	450	460	<b>475</b>
83	360	375	390	405	420	430	445	460	475	<b>487</b>
84	370	385	400	415	430	445	460	470	485	<b>500</b>
85	385	400	415	430	445	455	470	485	500	<b>515</b>
86	395	410	425	440	455	470	485	500	515	<b>530</b>
87	405	420	435	455	470	485	500	515	530	<b>545</b>
88	415	435	450	465	480	495	515	530	545	<b>560</b>
89	430	450	465	480	500	515	530	550	565	<b>580</b>
90	445	465	480	500	515	535	550	565	585	<b>600</b>
91	455	475	495	510	530	545	565	580	600	<b>615</b>
92	470	485	505	525	540	560	575	595	615	<b>630</b>
93	485	500	520	540	560	575	595	615	630	<b>650</b>
94	500	520	535	555	575	595	615	635	650	<b>670</b>
95	515	535	555	575	595	615	630	650	670	<b>690</b>
96	525	550	570	590	610	630	650	670	690	<b>710</b>
97	540	565	585	605	625	650	670	690	710	<b>730</b>
98	555	580	600	625	645	665	685	710	730	<b>750</b>
99	575	600	620	645	665	690	710	730	755	<b>775</b>
100	595	620	640	665	690	710	735	755	780	<b>800</b>
101	615	635	660	685	710	735	755	780	800	<b>825</b>
102	630	655	680	705	730	755	780	805	825	<b>850</b>
103	650	675	700	725	750	775	800	825	850	<b>875</b>
104	670	695	720	750	775	800	825	850	875	<b>900</b>
105	685	715	740	770	795	820	850	875	900	<b>925</b>
106	705	735	760	790	815	845	870	895	925	<b>950</b>
107	725	755	780	810	840	865	895	920	950	<b>975</b>
108	745	770	800	830	860	890	915	945	970	<b>1000</b>
109	765	795	825	855	885	915	945	975	1000	<b>1030</b>
110	785	820	850	880	910	940	970	1000	1030	<b>1060</b>
111	810	840	875	905	935	970	1000	1030	1060	<b>1090</b>
112	830	865	900	930	965	995	1025	1060	1090	<b>1120</b>
114	875	910	945	980	1015	1050	1080	1115	1145	<b>1180</b>
115	905	940	975	1010	1045	1080	1115	1145	1180	<b>1215</b>
116	930	965	1000	1040	1075	1110	1145	1180	1215	<b>1250</b>
117	955	995	1030	1065	1105	1140	1180	1215	1250	<b>1285</b>
118	980	1020	1060	1095	1135	1170	1210	1245	1285	<b>1320</b>

**The tyre must be inflated to the pressure specified by the vehicle and tyre manufacturer. This varies depending on the load and service conditions.**

The pressure always refers to the **cold** tyre and must not be allowed to fall below this value. The pressure inside warm tyres – driving causes heat build-up – is naturally higher. So never reduce the pressure of warm tyres. Once they cool down, their pressure could fall below the specified **minimum tyre pressure**.

Tyre pressure must be checked and adjusted regularly every 14 days on the cold tyre. The spare tyre may not be forgotten.

Incorrect tyre pressure causes premature and/or uneven tread wear. **Under-inflated** tyres have a higher **rolling resistance**, and this means a higher **fuel consumption**.

The tyre pressure values for car tyres given in table 1 and 2 are **minimum pressures** for speeds up to 160 km/h (100 mph). They may be increased, for example, for reasons of driving stability.

3.2 bar is the **maximum tyre pressure** on standard version car tyres up to and including Speed Index T; 3.5 bar for H-, V-, W-, Y- and ZR-, as well as M+S and XL/Reinforced tyres.

**These values may not be exceeded** to ensure that the structural performance of the tyres and rims is not impaired.

**ZR tyres** without service description have from 160 km/h (100 mph) to 190 km/h (118 mph) inclusive the stated pressure of 2.5 bar. Then the inflation pressure must be increased by 0.1 bar for each 10 km/h (6 mph) up to 3.0 bar at 240 km/h (150 mph) under full load and maximum 2° wheel camber.

Table 3:

For **higher speeds** the **tyre pressure** should be **increased** in regard of the load capacity (see table 4, taken from the ETRTO Standards Manual):

Speed capacity of the vehicle (incl. tolerance, about 9 km/h, 6 mph)  (km)	Speed Indices								
	Q	R	S	T	U	H	V	W	Y
	Tyre pressure* (bar)								
≤ 160	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
170		2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5
180			2.6	2.6	2.6	2.6	2.6	2.5	2.5
190				2.7	2.7	2.7	2.7	2.5	2.5
200					2.7	2.7	2.7	2.6	2.5
210						2.8	2.8	2.7	2.5
220							2.8	2.8	2.5
230							2.8	2.9	2.6
240							2.8	3.0	2.7
250								3.0	2.8
260								3.0	2.9
270								3.0	3.0
280									3.0
290									3.0
300									3.0

\*at the maximum load of the tyre, up to 2° wheel camber

## Load capacity and speed

When determining the minimum tyre size necessary for a vehicle, the permitted **axle load** and the **maximum design speed** of the vehicle must be used as a basis.

The maximum load capacity of a car tyre is expressed through its **Load Index (LI)** (see page 6).

Table 4:

**Percentage of load capacity versus speed**<sup>1)</sup>  
(taken from the ETRTO Standards Manual)

Speed capacity of the vehicle (incl. tolerance, about 1% V <sub>max</sub> + 6.5 km/h)  (km/h)	Speed Indices				
	H	V	W	Y	(...Y)
	%				
210	100	100	100	100	100
220	–	97	100	100	100
230	–	94	100	100	100
240	–	91	100	100	100
250	–	–	95	100	100
260	–	–	90	100	100
270	–	–	85	100	100
280	–	–	–	95	95
290	–	–	–	90	95
300	–	–	–	85	85
>300 <sup>2)</sup>	–	–	–	–	85

<sup>1)</sup> For intermediate maximum speeds, linear interpolation of the tyre load capacity is permitted.

<sup>2)</sup> For speeds over 300 km/h (187 mph), the relevant inflation pressures will be agreed between vehicle and tyre manufacturers (or their national associations), taking into consideration the vehicle characteristics and the type of service.

For **ZR tyres** without service description the maximum load capacity given in the tables from [page 48](#) onwards applies to speeds up to 240 km/h (150 mph).

**For speeds over 240 km/h (150 mph) please refer to us for load capacity and tyre pressure.**

If car tyres are to be used on a vehicle with a **wheel camber** of over 2°, please check load capacity and tyre pressure with us.

In the absence of such information, the following ETRTO recommendation can be

used for tyres at speeds over 160 km/h (100 mph): For a **wheel camber** exceeding **2° and up to and including 4°**, the load capacity is to be reduced linearly **from 100% to 90%**.

Instead of a reduction in tyre load capacity, **inflation pressure** may be **increased** as a function of load.

The tyre pressure calculated for the speed concerned must be multiplied by the following correction factor (f), depending on the actual camber angle >2°:

$$f = \frac{1}{\sqrt[1.25]{1.0 - 0.01 \times (\text{allowance for the load capacity as a } \%)}}$$

The value of f for the following camber angles is shown below:

Camber angle	2°	2.5°	3°	3.5°	4°
f	1.0	1.03	1.07	1.10	1.14

In general, the camber angle of vehicles should not exceed 4°.

On vehicles with speeds in excess of 270 km/h (169 mph), the camber angle

should not exceed 3° including any tolerance.

The load capacity of tyres in **twinn fitment** is 1.85 times the load capacity of a single tyre.

The **load capacities** in the tables for car tyres can be increased if the tyres are fitted on vehicles with **the following low tyre-related** max. speeds if the inflation pressure is increased at the same time (taken from the ETRTO Standards Manual).

Max. speed capability	(km/h)	60	50	40	30	25
Load capacity	(%)	110	115	125	135	142
Inflation pressure increase	(bar)	0.1	0.2	0.3	0.4	0.5

## Tyre damage

**Most tyre damage is caused by incorrect tyre pressure**, so we recommend a regular tyre pressure check every 2 weeks. When the car has been driven and the tyres are warm, it is normal for the **tyre pressure to increase**. Do not reduce extra pressure caused by a heat build-up.

A balanced, even **style of driving** is beneficial for the tyres and the environment. Harsh acceleration, braking with locked wheels and fast steering movements shorten the **service life** of tyres.

This applies equally to other types of **tyre strain** such as severe scuffing along the kerb, or driving over rough surfaces. This can cause hidden or visible **damage** to tyres.

Sudden **vibrations** of the steering wheel could point to tyre damage. All the vehicle's tyres should be checked immediately for damage.

**Overstressing** of tyres (excessive speed or overloading), is to be avoided. This has the same critical effect as **under-inflation** and can cause heat damage to the tyre.

## Tyre Rotation on a vehicle

**The tyres on a vehicle should be rotated regularly to help ensure even wear and maximum tread life.**

Tyres should be rotated as instructed in the vehicle owner's manual, with special attention being given to the **recommended interval for rotating tyres**. Unless otherwise specified by the vehicle manufacturer, tyres should be rotated every 10,000 to 12,000 kilometers – or even earlier if the tread shows signs of uneven wear. In the latter case, the vehicle's wheel alignment and pertinent mechanical components should be checked and corrected, if need be.

Full-size **spare tyres** (not temporary spares) of the same size and design as the tyres in use on the vehicle should be included in the tyre rotation. In conjunction with the rotation, the full-size spare tyre's inflation pressure should be checked and, if need be, corrected.

A tyre's **inflation pressure** must correspond to what is specified in the vehicle owner's manual for the respective tyre position (recommended inflation pressure may differ for the front- and rear-axle tyres).

Tyre rotation may effect the **tyre pressure monitoring system** (TPMS). The vehicle owner's manual or a qualified service professional should be consulted in the event that the TPMS has to be adjusted or recalibrated.

The **rolling direction** of directional tyres should not be reversed when the tyres are rotated.

### **Mixing tyres should be avoided**

Tyre size, Load Index (LI) and Speed Index (SI) at all wheel positions should be in accordance with the vehicle manufacturer's specification. In many countries, this is a legal requirement.

Driving with a non-recommended mix of tyre sizes, designs and Speed Indices can be dangerous. In the event that tyres of different sizes, designs, Load or Speed Index are to be fitted on a vehicle, the vehicle manufacturer's recommendations should be heeded and/or the advice of a qualified tyre specialist sought. Some vehicles leave the factory with different tyre sizes on the front and rear axles. This configuration must not be changed unless approved by the vehicle manufacturer.

No more than one temporary spare should be used on a vehicle at any one time. A tyre of this kind should only be used at a certain speed and for a certain distance, as indicated on the tyre sidewall and/or on a label attached to the tyre or the wheel.

### **Mounting new tyres on the rear axle**

It is recommended that all tyres used on the vehicle be replaced at the same time. If this is not the case, at least all the tyres on the same axle should be replaced at the same time.

If only one axle set of tyres is replaced, it is recommended to fit the newest tyres on the rear axle. This may complicate tyre rotation and caution is advised if the tyres differ in terms of state of wear, size, design and Speed Index, for example. In this case it is strongly recommended that a trained tyre specialist be consulted.

The point of the above mounting recommendation is to increase traction on the rear axle. This is important in avoiding oversteer and loss of vehicle stability on slippery surfaces.

### **Additional important tips regarding tyre position**

The **spare tyre's** date of manufacture and condition (e. g. signs of cracking, remaining tread depth) should be checked regularly. The spare tyre may have to be replaced.

For 4-wheel drive and All Wheel drive vehicles, any special tyre fitment requirements in the vehicle owner's manual should be heeded – especially if the vehicle is equipped with electronic systems such as anti-lock brakes, traction control or stability control. Damage to the vehicle or its transmission can result if these requirements are not followed.

**Winter tyres** should be fitted to all wheel positions. They should not be mixed with all-season or summer tyres. If winter tyres are, nonetheless, mounted on just one axle, this should be the rear axle. This increases rear-axle traction and helps to avoid oversteer and loss of vehicle stability on slippery roads.

## Tyre Storage Recommendations

These recommendations are intended for consumers, but they are also important for tyre dealers. For commercial applications of new and waste tyres (tyre dealers and fleets), there may be more stringent and legal restrictions. Please check local regulations.

ContiSeal tyres should be stored under the same conditions as recommended here for non-ContiSeal tyres.

Due to the sticky nature of the inside of ContiSeal tyres, do not place any objects or material inside the tyre as they may become stuck and subsequently difficult to remove without damage to the tyre.

Tyres are compounded to resist normal deterioration caused e.g. by sunlight, humidity and ozone. Nevertheless, stored tyres should be protected against these and other potentially damaging conditions.

The longer the storage period, the more exposure there is to potential damage.

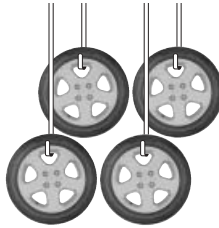
After dismounting from a vehicle the tyres should be thoroughly cleaned and inspected for damage. Remove all stones and debris from the grooves. Chalk marking the tyres with their wheel positions (FL for Front Left, RR for Rear Right, etc.) will help to find the correct positions according to the rotational plan.

### General:

- DO STORE TYRES where it is clean, dark, dry and moderately ventilated.
- **Moist conditions** should be avoided. Tyres destined for retreading/repairing should be thoroughly cleaned and dried out before such operations are performed.
- DO STORE TYRES at **temperatures** not exceeding 35° C (95F), preferable below 25° C (77F). Direct contact with hot pipes and radiators must be avoided.
- Also deeply cold temperatures, those well below the freezing point, might lead to brittleness and tyres should be carefully warmed up before use.
- DO STORE TYRES, if outdoors, protected by an opaque waterproof covering, but avoid creating a heat box or steam bath. Ensure proper ventilation.
- DO STORE TYRES, if outdoors, where tyres are raised off the storage surface.
- **AVOID** STORING TYRES on piers, ship decks, or other unprotected areas
- **AVOID** STORING TYRES, where they can be damaged by passing objects – lawn mower, bicycle, or garden tools.
- **AVOID** STORING TYRES where the area is wet, oily, and/or greasy such as with gasoline or petroleum-based products. Also, do not store on or against sensitive surfaces where staining can take place.
- **AVOID** STORING TYRES in the proximity of chemical agents like solvents, fuels, oils, hydrocarbons, paint, acids, disinfectants, etc.
- **AVOID** STORING TYRES where subject to extreme temperatures, direct sunlight or artificial light with a high ultraviolet content. Room lighting with ordinary incandescent lamps is preferable to fluorescent tubes.  
**Never** store them near battery chargers, ovens, or open fires.
- **AVOID** STORING TYRES on black asphalt or other heat absorbent surfaces and on highly reflective surfaces (i.e., sand or snow covered ground)
- **AVOID** STORING TYRES in the same area as an electric motor or other ozone generating source. If there is a question, check ozone levels to be sure they do not exceed 0.08 ppm.

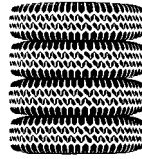
### Tyres with rims

#### Inflated



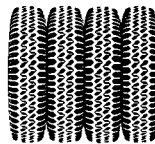
Do not stand them upright

hang them



or pile them (restack every four weeks)

### Tyres without rims



Do not pile them, or hang them

stand them upright and rotate them every four weeks  
(on racks clear of floor)

- **Do not** use tyres as a workbench or tool stand. Soldering irons, power drill and tools can damage a tyre. **Never** put a burning cigarette on a pile of tyres.
- **Do not** store other items on top of a tyre, especially where staining of the surface would be a concern.
- If the vehicle cannot be blocked up from the storage surface, completely unload the vehicle, so minimum weight will rest on the tyres. The storage surface should be firm, reasonably level, well drained, and clean.
- In cases where the tyres will be supporting the vehicle, it is permissible to inflate the tyres to the maximum pressure listed on the sidewall. Be sure to return the inflation pressure to recommended usage pressure before operating the vehicle.

#### Loose tyres or tyres mounted on rims, but not installed on a vehicle:

- DO STORE TYRES so that they retain their shape.
- Mounted tyres should preferably be inflated to only 100 kPa (15 psi/1 bar).
- **Be sure to adjust the tyres to the recommended inflation pressure before mounting on the vehicle.**

#### Tyres installed on a vehicle in long term storage:

- If possible, store the vehicle on blocks to remove all weight from the tyres and cover the tyres to protect them from environmental exposure.

- In cases where the tyres will be supporting the vehicle, it is recommended that the vehicle be moved every month to minimize ozone cracking in the bulge area and also to minimize a "flat spot" from developing. If the tyres do develop "flat spots," they will usually disappear in a short period of service.



### Before Returning Tyres (including full-size spares) to Service

- Inspect tyres to be sure they are clean and free from foreign objects.
- Remove any water that has collected in an unmounted tyre.
- When using a spare tyre, have it checked for proper inflation pressure and condition such as cracking in the tread or sidewalls, weather checking, and other signs of prolonged storage by a full-service tyre dealer, before placing it in service on the vehicle.

### Full-Size Spare Tyres

Full-size spares, of the same size and type as the road tyre, require special maintenance considerations.

The spare tyre position on the vehicle is frequently not suitable for long term storage for full-size spare tyres that are not properly maintained/rotated as recommended. Tyres contain special ingredients such as waxes, etc. to protect the rubber. These special tyre ingredients normally migrate throughout the tyre when in service and protect the tyre against deterioration caused e.g. by sunlight, humidity and ozone.

Therefore, full-size spares that are left for prolonged periods of time in the spare tyre position should be inspected, properly inflated just like road tyres, and included in the regular tyre rotation.

## Tyre repair



### SAFETY WARNING!

**Serious injury or death may result from a tyre disablement that is caused by failing to observe the following safety and maintenance information.**

During its service life, a tyre undergoes a variety of different usage conditions and can be damaged in many different ways. This damage can result from punctures, impacts, cuts, etc. Tyre damage can reduce a tyre's structural integrity by, for example:

- Air loss resulting in underinflated service conditions which lead to internal structural damage;
- Direct damage to tyre components such as rubber and plies;
- Exposure of internal materials to the outside environment and resulting degradation; and/or
- Exposure of internal materials to pressurized air (Intra-carcass pressurization).

For these reasons, tyres should be regularly inspected by the consumer. An inspection of the tyres should also be incorporated during routine vehicle maintenance procedures. If tyre damage is suspected or found, it should be carefully assessed by a trained tyre specialist immediately.

**ContiSeal tyres** are designed to seal punctures in the tread from objects no larger than 5mm diameter. Thoroughly inspect the tyre according to national industry standards. Carefully remove any object from the tyre tread. Even if the tyre seals, if it is punctured, the tyre must be

removed from the rim and inspected carefully according to industry standards to determine whether a permanent repair can be made or whether the tyre must be removed from service and scrapped. A permanent repair will require removal of the tyre from the rim and application of a repair method specifically approved for ContiSeal tyres.

The tyre repair specialist, Rema TipTop has developed and approved instructions for the repair of ContiSeal tyres which can be found on the following website:

[www.contiseal.com](http://www.contiseal.com)

A consumer should never repair a damaged tyre. Only a trained tyre specialist who can base his assessment on a thorough and comprehensive inspection of the specific tyre can determine whether an individual tyre is suitable for repair or should be removed from service. This assessment should also take into account the complete service life history of the tyre including inflation, load, operating conditions, etc. If the tyre specialist decides to repair the tyre, then he should strictly follow all appropriate national tyre industry repair standards regarding the inspection process and repair procedures. Continental is not responsible for the specialist's decisions or the repaired tyre. Continental advises if a tyre is returned under complaint and reason for the product's disablement is in any way associated with a repair or the reason for repair the manufacturer's warranty is invalidated.

It is forbidden by law to regroove car tyres.

## Tyre service life for passenger car and light truck

The tyre industry has long recognized the consumers' role in the regular care and maintenance of their tyres. The point at which a tyre is replaced is a decision for which the owner of the tyre is responsible. The tyre owner should consider factors to include service conditions, maintenance history, storage conditions, visual inspections, and dynamic performance. The consumer should consult a tyre service professional with any questions about tyre service life.

### **The following information and recommendations are made to aid in assessing the point of maximum service life.**

Tyres are designed and built to provide many thousands of miles of excellent service. For maximum benefit, tyres must be maintained properly to avoid tyre damage and abuse that may result in tyre disablement. The service life of a tyre is a cumulative function of the storage, stowing, rotation and service conditions, which a tyre is subjected to throughout its life (load, speed, inflation pressure, road hazard injury, etc.). Since service conditions vary widely, accurately predicting the service life of any specific tyre in chronological time is not possible.

### **The consumer plays an important role in tyre maintenance.**

Tyres should be removed from service for numerous reasons, including tread worn down to minimum depth, damage or abuse (punctures, cuts, impacts, cracks, bulges, underinflation, overloading, etc). For these reasons tyres, including spares, must be inspected routinely, i.e., at least once a month. Regular inspection becomes particularly important the longer a tyre is kept in service. If tyre damage is suspected or found, Continental recommends that the consumer have the tyre inspected by a tyre service professional. Consumers should use this consultation to determine if the tyres can continue in service. It is recommended that spare tyres be inspected at the same time. This routine inspection should occur whether or not the vehicle is equipped with a tyre pressure monitoring system (TPMS).

Consumers are strongly encouraged to be aware of their tyres' visual condition. Also, they should be alert for any change in dynamic performance such as increased air loss, noise or vibration.

Such changes could be an indicator that one or more of the tyres should be immediately removed from service to prevent a tyre disablement. Also, the consumer should be the first to recognize a severe in-service impact to a tyre and to ensure that the tyre is inspected immediately thereafter.

Tyre storage, stowage and rotation are also important to the service life of the tyre. More information regarding proper storage, stowage and rotation is located in other Continental publications, which are available upon request and through its websites.

### **Tyre service life recommendation**

Continental is unaware of any technical data that supports a specific tyre age for removal from service. However, as with other members of the tyre and automotive industries, Continental recommends that all tyres (including spare tyres) that were manufactured more than ten (10) years previous<sup>1)</sup> be replaced with new tyres, even when tyres appear to be usable from their external appearance and if the tread depth may have not reached the minimum wear out depth. Vehicle manufacturers may recommend a different chronological age at which a tyre should be replaced based on their understanding of the specific vehicle application; Continental recommends that any such instruction be followed. Consumers should note that most tyres would have to be removed for tread wear-out or other causes before any prescribed removal period. A stated removal period in no way reduces the consumer's responsibility to replace tyres as needed.

<sup>1)</sup> Production code of tyres [see page 5](#)

## Minimum removal tread depth for passenger and light truck tyres

1.6 mm is the most widely accepted minimum tread depth standard at which tyres should be removed from service. This standard has been adopted as a regulation by many of the world's national transportation authorities. As an indication to the consumer, there are tread wear indicator bars in the main grooves of the tyre that become level with the tread surface at approximately 1.6 mm of remaining tread.

In addition to acknowledging the above, **Continental recommends** that all passenger and light truck tyres in highway motor vehicle application be removed from service at the following tread depths:

- **summer/high performance tyres=3 mm**
- **winter tyres=4 mm**

These recommendations are based upon Continental's testing as well as real world experience which shows that drivers can maintain the performance potential (e.g. wet grip) of their tyres by replacing them before they reach the **regulatory minimum tread depth of 1.6 mm**.

This applies especially to winter tyres for which winter driving properties such as snow traction are significantly reduced at tread depths below 4 mm.

**Guidelines on tyre safety for drivers and vehicle operators (recommended for vehicle handbooks).**

**Tyres need to be properly handled if they are to keep you and other road users safe. So please note the following:**

1. The **tyre pressure** must be as indicated in the operating instructions for your vehicle or as marked on the vehicle itself. The pressure applies to cold tyres; it must not be any lower. Tyres that have become warm, e.g. through driving, will increase in pressure. Never release air from warm tyres, or the pressure could fall below the minimum.

The pressure must be checked **every 14 days** when the tyres are cold. Don't forget to check the spare.

If the pressure is too low, heat may build up in the tyre and lead to internal damage.

**At high speeds the tread may even come off and the tyre may have a blowout.** Tyre damage that cannot be seen is not put right simply by raising the pressure afterwards!

2. Drive over **kerbstones** slowly and, if possible, at right angles. Don't drive up or against any steep or sharp-edged kerbstones or other objects (e.g. stones); this can lead to non-visible tyre damage which can cause problems later – **the tyre may fail when running at high speeds.**

3. Check tyres regularly for **damage**, such as stones, nails etc. that have penetrated the tyre, as well as any cuts, tears or bulges (in the sidewall). Foreign objects can also damage the inside of the tyre. Let your tyre dealer or specialist check to see if the tyre can be repaired. If a repair is not possible or doubtful, replace the tyre. **Damaged tyres can burst.**

4. Never fit used tyres whose 'life story' you don't know. And remember that **tyres age** even when they are little used or not used at all. If your spare tyre remains unused for years, you should only use it in emergencies and drive carefully.

5. Check the **tread depth** of your tyres regularly. The lower the depth, the greater the **risk of aquaplaning**. Ensure that your tyres comply with the legally required tread depth.

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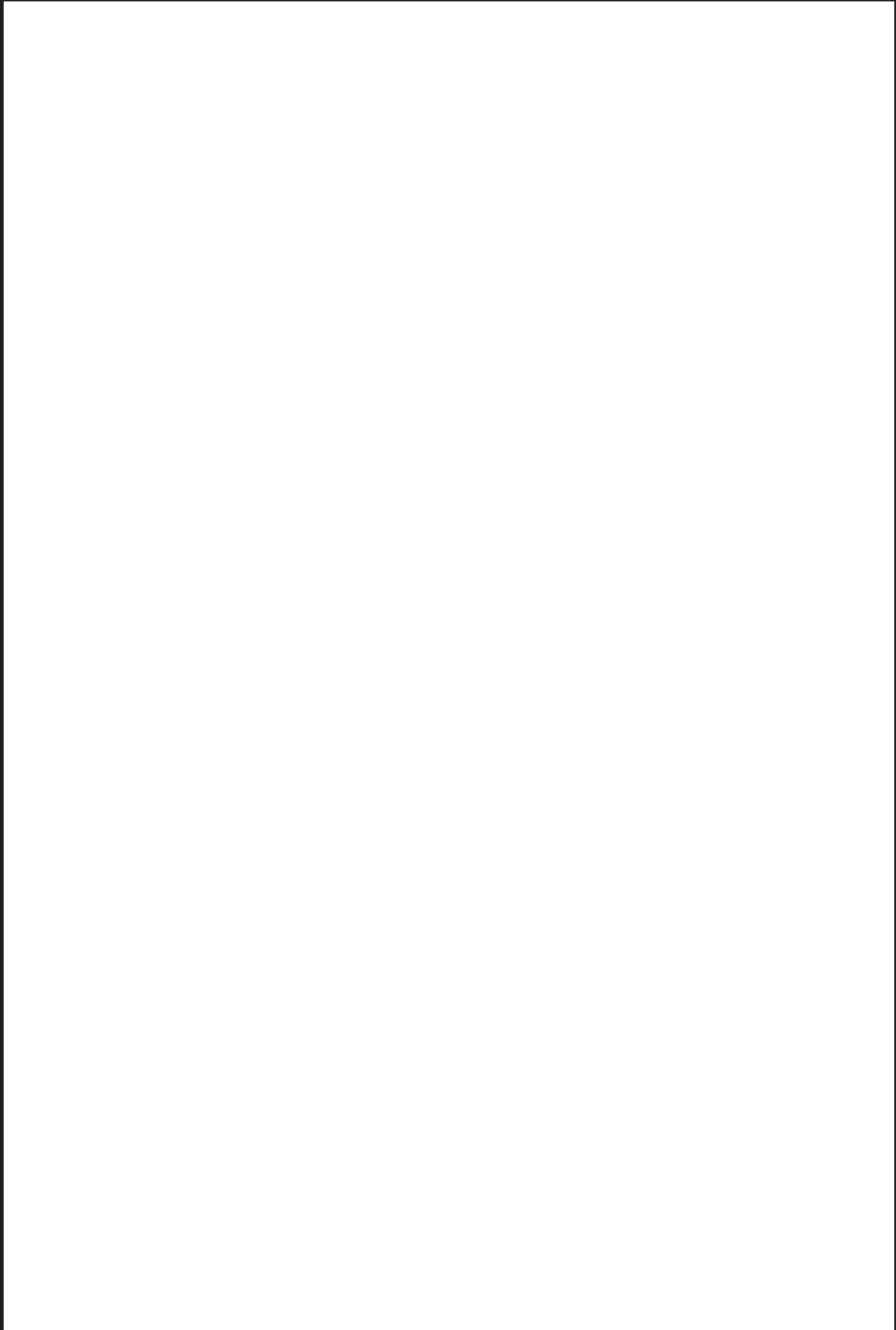
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## Size range

- available
- in preparation
- being phased out

---

Rf.	Reinforced
XL	(Extra Load)
FR	with flange rib (rim protection)
E	optimised rolling resistance tyre
P-Version	Passenger
LT-Version	Light Truck

---

N0, N1, N2	Porsche specification
M0	Mercedes-Benz specification
M0 Ext.	Mercedes-Benz specification (Extended)
M3, ★	BMW specification
J	Jaguar specification
<b>SSR</b>	Self Supporting Runflat Tyre
ContiSeal	self-sealing ContiSeal tyre
TL	tubeless

## Technical Data

### Passenger car tyres / 4x4 tyres

- 1) Instead of J-rims the same size JK- and JJ-rims may be used.
  - 2) Winter tyres can be max. 1% greater in outer diameter than standard on-road tread patterns.
  - 3) According to DIN 70020 at 37 mph (60 km/h).
  - 4) Instead of B-rims, J- and JK-rims may also be used.
  - 5) The respective B-rims are permitted.
  - \*
- ZR tyres have no operational code. The LI given for these tyres is only an approx. figure. Ask Continental Customer Services for the actual speed and load capacity.
- 

### Van tyres

- 6) Load Index single / twin fitment and Speed Index.
- 7) Dual spacing for twin tyre fitments:  
See Technical Data Book for Truck Tyres.
- 8) Standard = on road tread pattern,  
Special = M+S or off road tread pattern.
- 9) S = Single / T = Twin fitment,  
FA = front axle / RA = rear axle

For tyre pressures see "Operating instructions", p. 118 ff.

For further details, please refer to the size ranges.