

Car • 4x4 • Van



2010 · 2011 Technical Databook

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**¹⁾, **ISO**²⁾ and **WdK/DIN**³⁾ standards.

Most of the Contintal tyres comply with **DOT**⁴⁾ regulations and are marked accordingly.

They are homologated in accordance with the relevant **ECE**⁵⁾ regulation (ZR tyres without operational code in accordance with EU guideline 92/23) and are hence also homologated in accordance with current **EU**⁶⁾ 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 recommended 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 110 ff.](#)

¹⁾ ETRTO – The European Tyre and Rim Technical Organisation, Brussels

²⁾ ISO – International Organization for Standardization

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

⁴⁾ DOT – Department of Transportation (USA)

⁵⁾ ECE – Economic Commission for Europe (UNO-Institution, Geneva)

⁶⁾ EU – European Union, formerly EEC

^{*)} See [page 38](#) 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.

Introduction, Safety hints	2
Tyre Sidewall Information	4
Service description (including Load and Speed Index)	6
Units of measurement and definitions of the technical data	7

Passenger Car Tyres

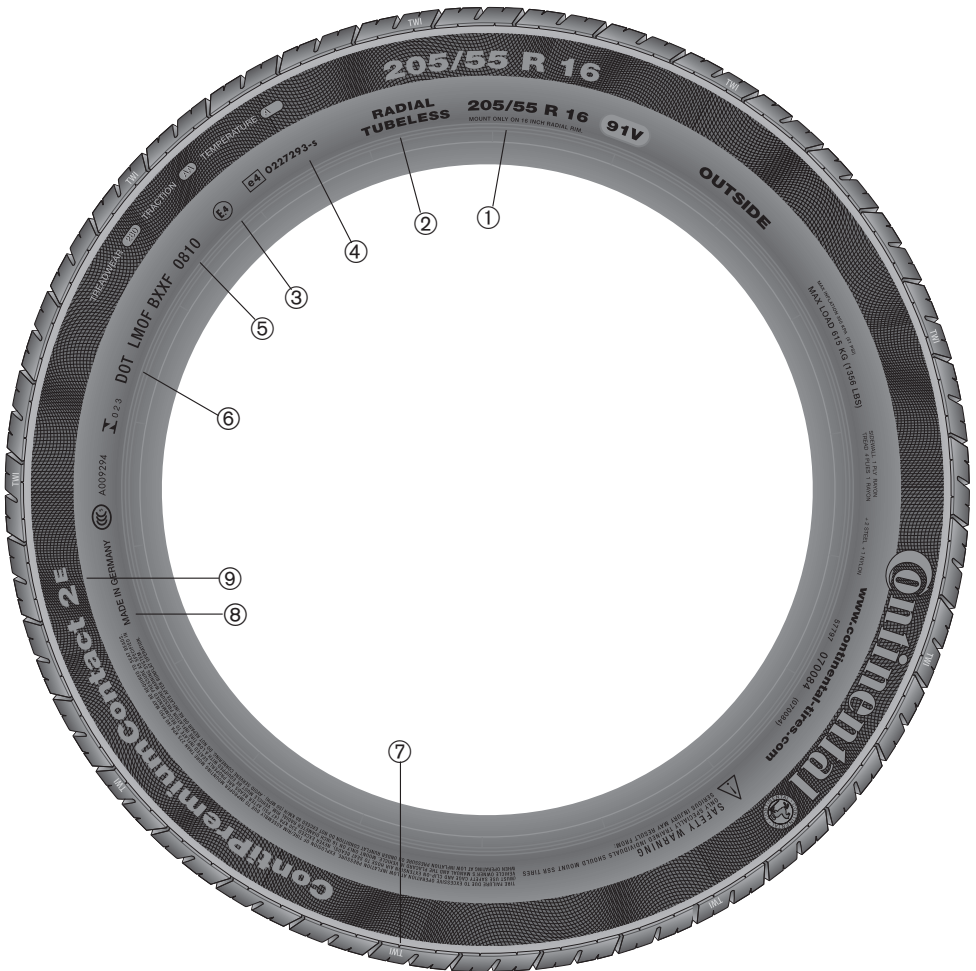
Tread patterns, recommended applications and size ranges	
– Summer tyres S/T	8
– Summer tyres H to ZR	10
– Winter tyres	20
– 4x4 tyres	29
– SSR runflat tyres	38
– ContiSeal tyres	39
Technical data	
– Car	40
– Car 4x4	59
– LT 4x4	70
Special spare tyres	72
ContiComfortKit tyre emergency set	77

Van tyres

Tread patterns, recommended applications and size ranges	78
Technical data	88
Tyres for caravans and car drawn trailers (special load capacities)	98
Tube table	105
Car rims	106

Operating instructions

Correct choice of tyre and wheel	110
Winter tyres	110
Fitting the tyre	111
Fitting the wheel to the vehicle	112
Tyre pressure	113
Load capacity and speed	117
Tyre damage	119
Tyre Rotation on a vehicle	119
Tyre storage	121
Tyre repair	123
Tyre service life for passenger car and light truck	124
Minimum tread depth	125
Guidelines on tyre safety	126
Publisher's imprint	127
Index	128
Service	130



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.

(E⁴) (4=Netherlands)^{*)}

④ **0227293**

Approval number acc. to relevant ECE regulation

⑤ **0810**

Production code ("8" means 8th week,
"10" means 2010).

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

^{*)} This sign may also be ,
if the tyre was homologated in accordance
with the EU guideline 92/23.

^{**) See page 38 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. 113).

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 ¹⁾	130 km/h ¹⁾
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
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

¹⁾ 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).

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).

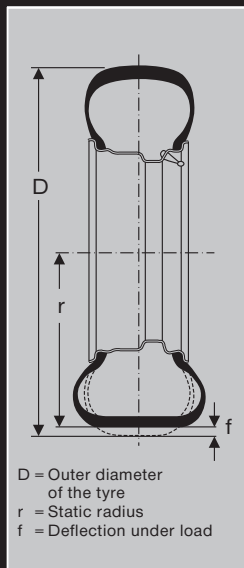
The **load capacity** in kilograms (kg) is weight in the sense of a mass.

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

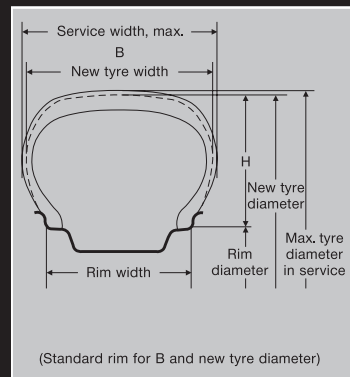
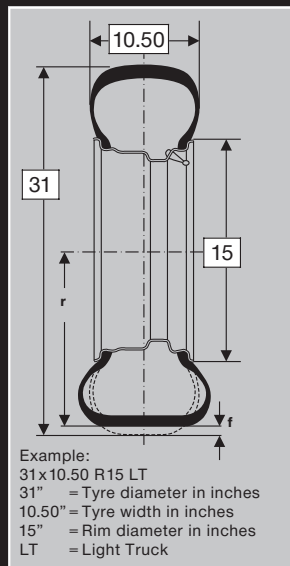
Vehicle designers should bear in mind the **maximum values** for tyre outer diameter and width when planning the **wheel space of a vehicle**, if all standard approved tyres are to fit without any restrictions.

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

Standard sizes



Flotation sizes (4x4)



ContiEcoContact™ 3

Maximum safety for compact and medium-size cars

Performance features:

- Reduces braking distances on both wet and dry roads by up to one car's length^{*)}
- Extremely good traction particularly when cornering on wet roads
- High mileage and low fuel consumption

^{*)} Compared to the ContiEcoContact™ EP



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	
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	
	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	
155/60 R 15	74 T	FR
175/60 R 15	81 H	
55 series		
175/55 R 15	77 T	FR

See cover foldout for footnotes

ContiEcoContact™ EP

For compact and medium-size cars

Performance features:

- High mileage capability and 5% reduction in fuel consumption
- Reduced rolling resistance and quiet ride



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	
175/65 R 14	82 T	
145/65 R 15	72 T	FR

60 series

195/60 R 15	88 T	
195/60 R 15 XL	92 T	

55 series

175/55 R 15	77 T	FR
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50 series

195/50 R 15	82 T	
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ContiPremiumContact™ 2

Advanced safety and performance for luxury and medium-size cars

Performance features:

- Innovative 3-D-grooves
- Outstanding braking performance in both wet and dry conditions
- Excellent resistance to aquaplaning
- Precise handling and unbeatable driving stability
- Asymmetrical, non-directional tread pattern

Also available as SSR^{*)} 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^{**)}.

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



^{*)} SSR – Self Supporting Runflat tyre, see page 38 for further details

^{**)} See page 39 for further details

Size range

70 series		
155/70 R 14	77 T	E
175/70 R 14	84 T	
	84 T	E

See cover foldout for footnotes

65 series		
165/65 R 14	79 T	
175/65 R 14	82 T	E
195/65 R 14	89 H	
175/65 R 15	84 T	E →
	84 H	
185/65 R 15	88 H	
	88 V	

65 series (Fortsetzung)		
195/65 R 15	91 T	E
	91 H	(E)
	91 V	
205/65 R 15	94 H	
	94 V	
215/65 R 16	98 H	

Size range (continued)
see following page



ContiPremiumContact™ 2

Size range

60 series			55 series			55 series (continued)		
175/60 R 14	79 H		185/55 R 14	80 H		205/55 R 17	91 V	
185/60 R 14	82 H		175/55 R 15	77 T	FR	215/55 R 17	94 W	
195/60 R 14	86 H		185/55 R 15	82 T	E	225/55 R 17	97 W ★	→
	86 V			82 H	(E)		97 Y ★	→
				82 V				
185/60 R 15	84 T		185/55 R 15 XL	86 H		225/55 R 17 XL	101 W	
	84 T AO			86 V	→	235/55 R 17	99 W	FR
	84 H					245/55 R 17	102 W SSR ★ E	→
185/60 R 15 XL	88 H		195/55 R 15	85 H		215/55 R 18	95 H	
195/60 R 15	88 H			85 V		215/55 R 18 XL	99 V E	FR
	88 V		205/55 R 15	88 V		235/55 R 18 XL	104 Y AO	
205/60 R 15	91 H			88 V AO	→	50 series		
	91 V		185/55 R 16	83 H	E →	195/50 R 15	82 T	FR
	91 W			83 V	(E)		82 H	
205/60 R 15 XL	95 H		195/55 R 16	87 H			82 V	
215/60 R 15 XL	98 H			87 H SSR		205/50 R 15	86 V	
225/60 R 15	96 V			87 V		195/50 R 16 XL	88 V	FR →
	96 W			87 V ★		205/50 R 16	87 W	
195/60 R 16	89 H		195/55 R 16 XL	91 H		225/50 R 16	92 V MO	
	89 V	ML	195/55 RF 16 XL	91 H SSR			92 W	
205/60 R 16	92 H (E)		205/55 R 16	91 H (MO)			92 W MO	
	92 V MO	→		91 H ★		225/50 R 17 XL	98 H	FR →
	92 W			91 H E			98 H	FR →
	92 W MO	→		91 H SSR ★	→		ContiSeal	
205/60 R 16 XL	96 H	→		91 V (FR) (E)			98 V	FR →
	96 H	→		91 V MO			98 V	FR →
	ContiSeal			91 V ★			ContiSeal	
	96 V			91 V SSR ★	→	235/50 R 18	97 V	FR
	96 W			91 W			97 W J	FR
215/60 R 16	95 H			91 W MO		45/40 series		
	95 H	→		91 W SSR ★	→	195/45 R 16 XL	84 H	
	ContiSeal		205/55 R 16 XL	94 V	→		84 V	FR
	95 V	→	215/55 R 16	93 H		205/45 R 16	83 W	FR
	95 V	→		93 V		215/45 R 16	86 H	FR
	ContiSeal			93 W		215/45 R 16 XL	90 W AO	FR →
215/60 R 16 XL	99 V			93 Y		215/40 R 17 XL	87 V	FR
225/60 R 16	98 V		215/55 R 16 XL	97 W			87 W AO	FR →
	98 W		225/55 R 16	95 V				
225/60 R 16 XL	102 V			95 V MO	FR			
235/60 R 16	100 V			95 W (FR)				
	100 W			95 W MO	FR			
215/60 R 17	96 H			95 Y AO				
235/60 R 17	102 Y AO		225/55 R 16 XL	99 W MO				
				99 Y MO				

See cover foldout for footnotes

ContiPremiumContact™

For luxury and medium-size cars

Performance features:

- Excellent handling and outstanding protection against aquaplaning on wet roads
- Shorter braking distances delivered through bionic contour
- Optimum cornering stability and maximum grip in wet and dry conditions
- Asymmetrical, non-directional tread pattern

Also available as SSR^{*)} 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)

^{*)} **SSR** – Self Supporting Runflat tyre, see page 38 for further details



Size range

65 series			
195/65 R 15	91 H		
	91 V		
60 series			
185/60 R 14	82 H		
195/60 R 14	86 H		
185/60 R 15	84 H		
205/60 R 16	92 V	FR	□
55 series			
185/55 R 15	82 T	FR	

55 series (continued)			
185/55 R 16 XL	87 H		
195/55 R 16	87 T	FR	
	87 H	FR	
	87 V	FR	
205/55 R 16	91 H	(FR)	
	91 H	SSR	
	91 V	(FR)	
	91 V	SSR	
	91 W	(FR)	
	91 W	SSR	
205/55 R 16 XL	94 V		
215/55 R 16	93 W	FR	
225/55 R 16	95 H	FR	
	95 Y	FR	
225/55 R 16 XL	99 Y	FR	

50 series			
195/50 R 15	82 H		
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

ContiSportContact 5P

Maximum driving pleasure and safety

Performance features:

- Short braking distance on dry and wet roads
- Perfect steering precision and exceptional handling
- Optimal grip and stability when cornering



Front axle*/all wheel positions



Rear axle*

*) 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.

Size range see following page →

ContiSportContact™ 5P

Size range

40 series				30 series			
235/40 R 18 XL	95 Y MO	FR		255/30 R 19 XL	(91) ZR	FR	→
245/40 R 19 XL	94 Y <i>SSR</i> ★	FR	→		(91) ZR MO	FR	→
255/40 R 19 XL	(100) ZR	FR	→	265/30 R 19 XL	(93) ZR	FR	→
35 series				275/30 R 19 XL	96 Y MO	FR	
255/35 R 18 XL	94 Y (ZR)	FR			(96) ZR	FR	
225/35 R 19 XL	(88) ZR	FR		285/30 R 19 XL	98 Y MO	FR	→
235/35 R 19 XL	91 Y	FR			98 Y (ZR) MO 1	FR	→
	91 Y (ZR)	FR	→		(98) ZR (Y) MO	FR	
	(91) ZR (Y) R 01	FR	→	295/30 R 19 XL	(100) ZR (Y) R 01	FR	→
	(91) ZR	FR	→	305/30 R 19 XL	102 Y (ZR) R 01	FR	→
	(91) ZR MO	FR	→		(102) ZR	FR	→
245/35 R 19 XL	93 Y MO	FR		245/30 R 20 XL	(90) ZR	FR	→
	93 ZR	FR	→	255/30 R 20 XL	92 Y (ZR)	FR	
255/35 R 19 XL	96 Y MO	FR	→		(92) ZR	FR	→
	96 Y (ZR) MO 1	FR	→	295/30 R 20 XL	(101) ZR (Y) MO	FR	
	(96) ZR (Y) MO	FR		255/30 R 21 XL	(93) ZR	FR	→
265/35 R 19 XL	(98) ZR (Y)	FR		265/30 R 21 XL	(96) ZR	FR	→
275/35 R 19	96 Y	FR	→	295/30 R 21 XL	(102) ZR	FR	→
285/35 R 19 XL	(103) ZR	FR	→	295/30 R 22 XL	(103) ZR	FR	→
245/35 R 20 XL	(95) ZR	FR	→	25 series			
255/35 R 20 XL	(97) ZR MO	FR	→	295/25 R 20 XL	(95) ZR	FR	→
275/35 R 20 XL	(102) ZR MO	FR	→	305/25 R 20 XL	(97) ZR	FR	→
255/35 R 21 XL	(98) ZR	FR	→	325/25 R 20 XL	(101) ZR	FR	→
265/35 R 21 XL	101 Y A0	FR	→	295/25 R 21 XL	(96) ZR	FR	→
275/35 R 21 XL	103 Y R 01	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

Performance features:

- Extremely precise steering
- Excellent safety when driving at speed
- Shorter stopping distances on dry and wet roads
- Excellent protection against aquaplaning
- Asymmetrical, non-directional tread pattern

Also available as SSR^{*)} 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^{**}.

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



^{*)} SSR – Self Supporting Runflat tyre, see page 38 for further details

^{**)} See page 39 for further details

Size range see following page →

ContiSportContact™ 3

Size range

55 series		
205/55 R 17	91 Y (ZR)	FR
255/55 R 18 XL	109 Y NO	FR →
50 series		
205/50 R 17	89 V	(FR)
205/50 R 17 XL	93 W (ZR)	FR
215/50 R 17 XL	95 V E	FR
	95 W (E)	FR
225/50 R 17	94 V	
	94 V (ZR) AO	FR →
225/50 R 17 XL	98 W (E)	(FR)
235/50 R 17	96 Y (ZR) N2	FR
245/50 R 18	100 Y NO	
	100 Y SSR★	
45 series		
195/45 R 16	80 V	FR
205/45 R 17	84 V ★	
	84 V SSR★	
	84 W SSR★	
	84 W	FR →
205/45 R 17 XL	88 W (ZR)	FR
215/45 R 17	87 V	FR
	87 W	FR
215/45 R 17 XL	91 W (ZR)	FR
225/45 R 17	91 V	FR
	91 V SSR★	E →
	91 W	FR
	91 W MO	FR
	91 W SSR★	E →
	91 Y (ZR)	FR
	91 Y MO	FR
	91 Y SSR★	E →
225/45 R 17 XL	94 W	FR
	94 Y	FR
235/45 R 17	94 W (ZR)	FR
	94 W (ZR)	FR
	ContiSeal	
	94 Y (ZR)	FR
235/45 RF 17 XL	97 W	FR
245/45 R 17	95 W MO	FR
245/45 R 17 XL	99 Y MO	FR
	99 Y (ZR)	FR
255/45 R 17	98 W MO	FR

45 series (continued)		
215/45 R 18 XL	93 W (ZR)	FR →
225/45 R 18	91 V SSR★	FR →
	91 W SSR★	FR →
225/45 R 18 XL	95 W (ZR)	FR
	95 W	FR →
	ContiSeal	
235/45 R 18 XL	98 W	FR
245/45 R 18	96 W (ZR)	FR
	96 Y SSR★	→
245/45 R 18 XL	100 W (ZR)	FR
	100 Y (ZR)	FR
255/45 R 18 XL	103 Y	FR
275/45 R 18	103 Y (ZR) NO	FR
245/45 R 19	98 Y (ZR)	
	98 Y SSR★	FR →
255/45 R 19	100 ZR (Y) NO	FR
255/45 R 19 XL	104 Y (ZR) AO	FR →
40 series		
195/40 R 17 XL	81 V	FR
205/40 R 17 XL	84 V	FR →
	84 W	FR
215/40 R 17 XL	87 Y (ZR)	FR
235/40 R 17	(90) ZR	FR
245/40 R 17	91 W MO	FR
	91 Y MO	FR
	91 Y (ZR)	FR
255/40 R 17	94 W MO	FR
	94 Y (ZR)	FR
225/40 R 18 XL	92 W	FR
	92 Y (ZR)	FR
	92 Y (ZR) MO	FR
235/40 R 18	91 Y MO	FR
	91 ZR (Y) N1	FR
235/40 R 18 XL	95 W	FR
	95 W	FR
	ContiSeal	
	95 Y (ZR)	FR
	(95) ZR R01	FR
245/40 R 18	93 Y SSR	FR
	93 Y MO	FR
	93 Y AO	FR
	93 ZR (Y)	FR
	(93) ZR MO	FR

Size range
(continued)
see following
page



See cover foldout for footnotes

ContiSportContact™ 3

Size range

40 series (continued)			35 series (continued)		
245/40 R 18 XL	97 Y MO	FR	245/35 R 19 XL	93 ZR (Y) ★	FR
	97 Y (ZR)	FR		(93) ZR	FR □
255/40 R 18 XL	99 ZR (Y) MO	FR	255/35 R 19 XL	96 ZR (Y) R01	FR
	99 ZR (Y) M01	FR	265/35 R 19	(94 Y) ZR	FR
265/40 R 18 XL	101 ZR (Y) N1	FR	265/35 R 19 XL	98 Y (ZR)	FR
275/40 R 18	99 Y SSR ★	→		98 ZR (Y)	FR
235/40 R 19	92 W	FR	245/35 R 20 XL	(95) ZR	FR
235/40 R 19 XL	96 W	FR	255/35 R 20 XL	97 W J	FR →
	96 Y (ZR)	FR	275/35 R 20	102 Y SSR ★	FR →
245/40 R 19 XL	98 Y (ZR) R01	FR →	285/35 R 20 XL	(104) ZR	FR
275/40 R 19	101 Y SSR ★	FR →	30 series		
	101 Y (ZR)	→	295/30 R 19 XL	100 ZR (Y) N1	FR
285/40 R 19	103 ZR (Y) NO	FR		100 ZR (Y)	FR
245/40 R 20 XL	99 Y SSR ★	FR →	305/30 R 19 XL	(102) ZR	FR
	99 Y (ZR) J	FR →	235/30 R 20 XL	(88) ZR	FR
265/40 R 20 XL	104 Y A0	FR →	245/30 R 20 XL	(90) ZR	FR □
35 series			265/30 R 20 XL	94 Y (ZR) R01	FR
215/35 R 17 XL	83 V	FR →	255/30 R 21 XL	(93) ZR	FR
225/35 R 18 XL	87 W A0	FR →	265/30 R 22 XL	(97) ZR	FR
	(87) ZR	FR	25 series		
245/35 R 18 XL	92 Y (ZR) MO	FR	315/25 R 19 XL	(98) ZR	FR
255/35 R 18 XL	94 Y (ZR)	FR	295/25 R 21 XL	(96) ZR	FR
	94 Y (ZR) MO	FR	305/25 R 22 XL	(99) ZR	FR
	94 Y MO	FR			
265/35 R 18 XL	97 Y MO	FR			
	(97) ZR MO	FR			
275/35 R 18	95 Y MO	FR			
275/35 R 18 XL	99 Y (ZR)	FR			
285/35 R 18 XL	101 ZR (Y) MO	FR			
	(101) ZR R01	FR			
235/35 R 19	87 ZR (Y) (N1)	FR			
235/35 R 19 XL	91 Y (ZR)	FR			
	91 Y (ZR)	FR			
	ContiSeal				

See cover foldout for footnotes

ContiSportContact™ 2

For ultra-powerful, high-performance cars

Performance features:

- Outstanding road adherence
- Stable straight-running ability
- Excellent grip on wet and dry surfaces
- Asymmetrical, non-directional tread pattern

Also available as
ContiSportContact V_{max}: standard
safety up to 360 km/h!

Also available as SSR^{*)} 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)



^{*)} **SSR** – Self Supporting Runflat tyre,
see page 38 for further details

Size range

55 series		
205/55 R 16	91 V (ML)	(FR)
	91 V	
	91 V A0	
	91 W	(FR)
	91 W A0	
205/55 R 16 XL	94 V	
235/55 R 17	99 W M0	FR
50 series		
195/50 R 16 XL	88 V	FR
205/50 R 16	(87) ZR	FR
205/50 R 17	89 V	FR
	(89) ZR N2	FR
205/50 R 17 XL	93 W	FR
225/50 R 17	94 H ★	FR
	94 V ★	FR
	94 W A0	FR →
	94 W SSR	FR
	94 Y A0	FR →

50 series (continued)		
225/50 R 17 XL	98 W SSR	FR
	98 Y A0	FR →
45 series		
195/45 R 15	78 V	FR
205/45 R 16	83 V	FR
225/45 R 16	(89) ZR	FR
205/45 R 17	84 V	FR
205/45 R 17 XL	(88) ZR	FR
215/45 R 17	87 V M0	FR
215/45 R 17 XL	91 V	FR
	91 W	FR
	91 W SSR★	FR
225/45 R 17	91 W	FR
	91 W SSR★	FR
	94 V	FR
225/45 R 17 XL	94 V	FR
	94 W	FR

See cover
foldout for
footnotes

Size range
(continued)
see following
page →

ContiSportContact™ 2

Size range

45 series (continued)		
235/45 R 17	94 W	FR
	94 Y	FR
235/45 R 17 XL	97 W	FR
245/45 R 17	95 W MO	FR
	95 Y MO	FR
	(95) ZR J	FR
245/45 R 17 XL	99 Y (ZR)	FR
225/45 R 18 XL	(95) ZR	FR
235/45 R 18 XL	98 W (ZR)	FR
245/45 R 18 XL	100 W	FR
	100 W J	FR
255/45 R 18	99 Y MO	FR
275/45 R 18	103 Y MO	FR
245/45 R 19	98 Y	FR
265/45 R 20	104 Y (ZR) MO	FR
40 series		
195/40 R 16 XL	80 W (ZR)	FR
215/40 R 16 XL	86 W (ZR)	FR
205/40 R 17 XL	84 W	FR
	(84) ZR	FR
255/40 R 17	94 V SSR★	FR
	94 W SSR★	FR
	(94) ZR N2	FR
215/40 R 18 XL	89 W (ZR) MO	FR
	(89) ZR	FR
225/40 R 18	(88) ZR N2	FR
225/40 R 18 XL	92 W	FR
	92 Y	FR
	92 Y A0	FR
235/40 R 18 XL	95 Y	FR
245/40 R 18	93 Y	FR
	93 Y A0	FR
255/40 R 18 XL	99 Y	FR
275/40 R 18 XL	103 W J	FR →
245/40 R 19 XL	98 Y (ZR)	FR
255/40 R 19	(96) ZR	FR
255/40 R 19 XL	100 Y MO	FR
	(100) ZR MO	FR
275/40 R 19	101 Y	FR
	101 Y MO	FR
275/40 R 19 XL	(105) ZR MO	FR
245/40 R 20	(95) ZR	FR
265/40 R 21 XL	105 Y (ZR) MO	FR

35 series		
215/35 R 18 XL	(84) ZR	FR
225/35 R 18 XL	87 ZR	FR
245/35 R 18 XL	(92) ZR	FR
255/35 R 18 XL	94 Y (ZR) MO	FR
265/35 R 18	(93) ZR N2	FR
235/35 R 19 XL	91 Y (ZR)	FR
	(91) ZR	FR
245/35 R 19 XL	93 Y ★	FR
265/35 R 19 XL	98 Y (ZR) A0	FR
275/35 R 19 XL	100 Y (ZR)	FR
285/35 R 19	(99) ZR	FR
255/35 R 20 XL	(97) ZR MO	FR
275/35 R 20 XL	102 Y (ZR)	FR
	(102) ZR MO	FR
30 series		
285/30 R 18	(93) ZR N2	FR
295/30 R 18 XL	(94) ZR N2	FR
275/30 R 19 XL	96 Y ★	FR
295/30 R 19	(96) ZR	FR
265/30 R 20 XL	94 Y (ZR)	FR
275/30 R 20 XL	(97) ZR	FR

ContiSportContact V_{max}

Size range

235/35 R 19 XL	(91) ZR	FR
325/30 R 19 XL	(105) ZR	FR
315/25 R 19	(93) ZR	FR

See cover
foldout for
footnotes

ContiWinterContact™ TS 830 P

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

Performance features:

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

Also available as ContiSeal™ tyre^{*)}.
In addition to the specified performance
features as self-sealing standard
production tyre.

^{*)} See page 39 for further details

Size range

65 series			
215/65 R 17	99 T		→
60 series			
185/60 R 15 XL	88 H AO		→
205/60 R 16 XL	96 H		
	96 H		→
	ContiSeal		
215/60 R 16 XL	99 H		
225/60 R 16 XL	102 V		→
235/60 R 16	100 H		→
225/60 R 18 XL	104 V		→
55 series			
205/55 R 16	91 H		
	ContiSeal		
	91 H MO		→
215/55 R 16	93 H MO		→
215/55 R 16 XL	97 V		→
225/55 R 16	95 H		
	95 H MO		
225/55 R 16 XL	99 H		
	99 H MO		
	99 V		
215/55 R 17 XL	98 V		
225/55 R 17	97 H		
225/55 R 17 XL	101 V		
235/55 R 17	99 H		
	99 V MO		→

50 series			
195/50 R 16 XL	88 H AO		→
225/50 R 16	92 H		→
205/50 R 17 XL	93 H	FR	
	93 H	FR	
	ContiSeal		
	93 V	FR	
215/50 R 17 XL	95 V	FR	
225/50 R 17 XL	98 H	FR	
	98 V	FR	
225/50 R 18 XL	99 V AO	FR	→
45 series			
205/45 R 17 XL	88 V	FR	→
215/45 R 17 XL	91 H	FR	
	91 V	FR	
225/45 R 17	91 H	FR	
	91 H MO	FR	→

45 series (continued)			
225/45 R 17 XL	94 H	FR	→
	94 V	FR	
235/45 R 17	94 H	FR	
235/45 R 17 XL	97 V	FR	→
245/45 R 17 XL	99 H MO	FR	
235/45 R 18 XL	98 V	FR	→
255/45 R 18	99 V MO	FR	→
235/45 R 19 XL	99 W AO	FR	→
40 series			
225/40 R 18 XL	92 V	FR	
235/40 R 18 XL	95 V	FR	→
245/40 R 18 XL	97 V	FR	→
	97 W	FR	
255/40 R 18 XL	99 V MO	FR	→

See cover foldout for footnotes



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 830

Tailor-made braking specialist for compact and midrange cars

Performance features:

- 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	→
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		
195/55 R 15	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 810 Sport

Sporty and safe – for high performance and executive cars

Performance features:

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

Also available as SSR^{*)} 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)

^{*)} **SSR** – Self Supporting Runflat tyre, see page 38 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

65/60 series			40 series		
175/65 R 15	84 T ★		225/40 R 18 XL	92 V (M0)	FR
185/60 R 16	86 H <i>SSR</i>		235/40 R 18 XL	95 H M0	FR
205/60 R 16	92 H ★	→		95 V	FR □
225/60 R 17	99 H ★	→		95 V M0	FR
55 series				95 V N1	FR
195/55 R 16	87 H ★			95 V ★	FR
	87 H <i>SSR</i> ★		245/40 R 18 XL	97 V M0	FR
205/55 R 16	91 H <i>SSR</i>			97 V A0	FR →
215/55 R 16 XL	97 V	□		97 W	FR
205/55 R 17 XL	95 V N2	FR	255/40 R 18	95 V M0	FR
225/55 R 17	97 H ★	→	255/40 R 18 XL	99 V	FR
235/55 R 17	99 V M0	ML □		99 V N1	FR
245/55 R 17	102 H <i>SSR</i> ★	→	265/40 R 18 XL	101 V N1	FR
50 series			255/40 R 19 XL	100 V	FR
205/50 R 17 XL	93 V <i>SSR</i>	FR	285/40 R 19 XL	107 V N0	FR →
225/50 R 17	94 H ★	FR	255/40 R 20 XL	101 V N0	FR →
235/50 R 17 XL	100 V N2	FR	35 series		
245/50 R 18	100 H <i>SSR</i> ★	→	255/35 R 18 XL	94 V	FR
45 series			265/35 R 18 XL	97 V	FR
225/45 R 17	91 H ★	FR	235/35 R 19 XL	91 V M0	FR
225/45 R 17 XL	94 V ★	FR		91 W	FR
235/45 R 17 XL	97 V	FR □	245/35 R 19 XL	93 V M0	FR
245/45 R 17 XL	99 V M0	FR ML		93 W	FR
255/45 R 17 XL	102 V M0	FR	285/35 R 20 XL	104 V N0	FR →
245/45 R 18 XL	100 V	FR	30 series		
	100 V <i>SSR</i> ★	→	275/30 R 19 XL	96 V M0	FR
255/45 R 18	99 V M0	FR □		96 W	FR
245/45 R 19 XL	102 V <i>SSR</i> ★	FR →	295/30 R 19 XL	100 W	FR
255/45 R 19 XL	104 V N0	FR →			

See cover foldout for footnotes

ContiWinterContact™ TS 810

Sporty and safe – for high performance and executive cars

Performance features:

- 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	ML
	91 T MO	ML
	91 H	ML
215/65 R 17	98 T	□

60 series

205/60 R 15	91 H	ML
195/60 R 16	89 H MO	ML
205/60 R 16	92 H MO	ML
215/60 R 16 XL	99 H	
235/60 R 16	100 H	ML □

55 series

195/55 R 16	87 T MO	FR
205/55 R 16	91 H MO	□
215/55 R 16	93 H MO	□

50 series

225/50 R 16	92 H MO	
	93 H	□

45 series

225/45 R 17	91 H MO	FR □
225/45 R 17 XL	94 V MO	FR

See cover foldout for footnotes

ContiWinterContact™ TS 800

Reliable and safe for compact and mid-range cars

Performance features:

- 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

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

ContiWinterContact™ TS 780

Reliable and safe for compact and mid-range cars

Performance features:

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



Size range

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

See cover foldout for footnotes

ContiWinterContact™ TS 790

Proven and safe for mid-range and executive cars

Performance features:

- 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			
205/60 R 15	Rf.	95 H	
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	Rf.	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	MO	FR
205/50 R 16		87 H	FR
205/50 R 17	XL	93 H ★	FR
225/50 R 17	XL	98 H	
275/50 R 19	XL	112 H	MO FR

45 series			
195/45 R 16	80 T		FR

ContiWinterContact™ TS 790 V

Proven and safe for mid-range and executive cars

Performance features:

- 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

60 series			
225/60 R 16 XL 102 V		□	
225/60 R 18 XL 103 V		□	
55 series			
235/55 R 17 XL 103 V	FR		

50 series			
235/50 R 18 XL 101 V	FR		
245/50 R 18 XL 104 V ★	FR		
45 series			
225/45 R 18 XL 95 V	FR		

40 series			
255/40 R 17 XL 98 V	FR		

[See cover foldout for footnotes](#)

ContiCrossContact UHP

For high performance four-wheel drive vehicles

Performance features:

- 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^{*)} 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)

^{*)} **SSR** – Self Supporting Runflat tyre, [see page 38](#) for further details

Size range see following page →



ContiCrossContact UHP

Size range

65 series			45 series		
235/65 R 17	104 V	FR	235/45 R 19	95 W	FR
235/65 R 17 XL	108 V NO	FR	255/45 R 19	100 V MO	FR
60 series			285/45 R 19	107 W MO	FR ML
235/60 R 16	100 H		285/45 R 19 XL	111 V SSR★¹⁾	
255/60 R 17	106 V			111 W SSR★¹⁾	
275/60 R 17	110 V		295/45 R 19	109 Y (ZR) MO	FR
235/60 R 18	103 V	FR	255/45 R 20 XL	105 W	FR
235/60 R 18 XL	107 V	FR	275/45 R 20 XL	110 W	FR →
	107 W (AO)	FR		110 Y	FR
255/60 R 18 XL	112 H		295/45 R 20 XL	114 W (ZR)	FR
	112 V	FR	305/45 R 22 XL	118 W (ZR)	FR
55 series			40 series		
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 XL	106 Y E	FR →
275/55 R 17	109 V	FR	295/40 R 20	106 Y (ZR) MO	FR
225/55 R 18	98 H	→	295/40 R 20 XL	110 Y	FR
	98 V (E)	FR		(110) ZR	FR
235/55 R 18	100 V	FR	265/40 R 21 XL	105 Y MO	FR →
255/55 R 18	105 W (MO)		295/40 R 21 XL	111 W MO	FR
255/55 R 18 XL	109 H SSR★¹⁾		265/40 R 22 XL	106 W	FR
	109 V	FR	305/40 R 22 XL	114 W (ZR)	FR
	109 V SSR★¹⁾		305/40 R 23 XL	115 W (ZR)	FR
	109 W	FR →	285/40 R 24 XL	112 V	FR
	109 Y	FR	35 series		
	109 Y N1	FR	295/35 R 21 XL	107 Y NO	FR
255/55 R 18 C	116/114 T 8 PR			107 Y (ZR) MO	FR
235/55 R 19 XL	105 V	FR	275/35 R 22 XL	(104) ZR	FR
255/55 R 19 XL	111 H		285/35 R 22 XL	106 W	FR
275/55 R 20 XL	117 W (ZR)	FR	315/35 R 24 XL	114 W (ZR)	FR
50 series			30 series		
235/50 R 18	97 V	FR	295/30 R 22 XL	(103) ZR	FR
285/50 R 18	109 W	FR	315/30 R 22 XL	107 Y	FR
235/50 R 19	99 V MO	FR	305/30 R 23 XL	105 W	FR
255/50 R 19	103 W MO	FR	25 series		
255/50 R 19 XL	107 V SSR★¹⁾		335/25 R 22 XL	(105) ZR	FR
	107 W SSR★¹⁾		315/25 R 23 XL	102 Y	FR □
	107 Y	FR			
265/50 R 19 XL	110 Y	FR			
255/50 R 20 XL	109 Y	FR			
265/50 R 20 XL	111 V	FR			
275/50 R 20	109 W MO	FR			
285/50 R 20 XL	116 W (ZR)	FR			

¹⁾ Tread pattern ContiCrossContact UHP

See cover foldout for footnotes

ContiCrossContact LX

For medium to heavy 4x4 vehicles

Performance features:

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



Size range

75 series		
215/75 R 15	100 T	FR
225/75 R 15	102 T	FR
235/75 R 15 XL	109 T	FR
225/75 R 16	104 S	FR
	104 T	FR
	104 H	FR
235/75 R 16	108 S	FR
245/75 R 16	111 S	FR
265/75 R 16	116 T	FR
70 series		
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 XL	111 T	FR
255/70 R 16	111 S	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	

65 series		
215/65 R 16	98 H	FR
255/65 R 16	109 H	
235/65 R 17 XL	108 H	FR
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 XL	112 V	FR
265/60 R 18	110 T	FR
55 series		
275/55 R 17	109 V	FR
255/55 R 18 XL	109 H	FR
275/55 R 20 XL	117 S	
45 series		
275/45 R 20 XL	110 S	FR
285/45 R 22 XL	114 H	FR →

ContiCrossContact LX Sport

70 series		
215/70 R 16	100 H	
245/70 R 16 XL	111 T	
60 series		
225/60 R 17	99 H	
235/60 R 18	103 H A0	FR
55 series		
255/55 R 18 XL	109 H	FR
	109 V N0	FR
45 series		
275/45 R 20 XL	110 H	FR →
	110 V N0	FR →

See cover foldout for footnotes

ContiCrossContact AT

On or off road: all terrain, all under control

Performance features:

- 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

80/85 series	70 series	60 series
235/85 R 16 C 114/111 S →	205/70 R 15 96 T FR	255/60 R 18 XL 112 T FR
LT 235/85 R 16 120/116 S	225/70 R 15 100 S FR	Flotation sizes
215/80 R 15 C 109/107 S	255/70 R 15 108 S FR	LT 27 x 8.50 R 14 95 Q
205/80 R 16 XL 104 T FR	235/70 R 16 106 S FR	LT 30 x 9.50 R 15 104 S FR
75 series	245/70 R 16 111 S FR →	LT 31 x 10.50 R 15 109 S FR
235/75 R 15 XL 109 S FR	265/70 R 16 112 S FR	
245/75 R 15 C 109/107 S	275/70 R 16 114 S FR	
LT 245/75 R 16 120/116 S FR	65 series	
	215/65 R 16 98 T	
	255/65 R 16 109 T FR	
	235/65 R 17 XL 108 H FR	

See cover foldout for footnotes

Conti4x4Contact

For four-wheel comfort

Performance features:

- 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^{*)} 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)

^{*)} **SSR** – Self Supporting Runflat tyre, see page 38 for further details



Size range

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

Conti4x4SportContact

For high performance four-wheel drive vehicles

Performance features:

- 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

Performance features:

- 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

Performance features:

- 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

82/85 series			
205	R 16 C	110/108 T	→
LT 215/85	R 16	115/112 Q	
75 series			
225/75	R 16	104 T	
LT 245/75	R 16	120/116 Q	
70 series			
205/70	R 15	96 T	
195/70	R 16	94 H	→
215/70	R 16	100 T	
225/70	R 16	102 H	
235/70	R 16	106 T	
245/70	R 16	107 T	
265/70	R 16	112 T	
235/70	R 17 XL	111 T	

65 series			
175/65	R 15	84 T	→
215/65	R 16	98 T	
		98 H	
255/65	R 16	109 H	
225/65	R 17	102 T	
235/65	R 17 XL	108 H	FR
245/65	R 17 XL	111 T	→
60 series			
225/60	R 17	99 H	
235/60	R 17	102 H	MO ML
255/60	R 18 XL	112 H	
55 series			
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

50 series			
235/50	R 18	97 H	FR
255/50	R 20 XL	109 V	FR
45 series			
285/45	R 19 XL	111 V	MO FR
275/45	R 20 XL	110 V	FR
40 series			
275/40	R 20 XL	106 V	FR
295/40	R 20 XL	110 V	(MO)FR
35 series			
295/35	R 21 XL	107 V	FR

See cover foldout for footnotes

Conti4x4WinterContact

Robust and safe – for use on 4x4 vehicles

Performance features:

- 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*) 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)

*) **SSR** – Self Supporting Runflat tyre, see page 38 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		

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 of 80 km/h
- Compatible with standard wheel rims (H2)
- No need for a spare wheel

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 – see also 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 new 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 recognisable 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

ContiSeal



Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾
				Max. standard value in operation ²⁾			stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
		LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)		
82 series								
125 R 12	63	272	3.00 B	127				
			3.50 B	132	518	233	1555	
			4.00 B	137				
80 series								
135/80 R 13	70	335	3.50 B⁴⁾	138	554	249	1665	
			4.00 B ⁴⁾	143				
			4.50 B ⁴⁾	148				
145/80 R 13	75	387	3.50 B ⁴⁾	146				
			4.00 B⁴⁾	151	572	255	1715	
			4.50 B ⁴⁾	156				
			5 J	161				
155/80 R 13	79	437	4.00 B ⁴⁾	158				
			4.50 B⁴⁾	163	588	262	1765	
			5.00 B ⁴⁾	168				
165/80 R 13	83	487	4.00 B ⁴⁾	167				
			4.50 B⁴⁾	172	604	268	1810	
			5.00 B ⁴⁾	177				
			5.50 B ⁴⁾	182				
145/80 R 14	76	400	3.50 B ⁴⁾	146				
			4.00 B⁴⁾	151	598	268	1793	
			4.50 B ⁴⁾	156				
			5.00 B ⁴⁾	161				
175/80 R 14	88	560	4 ½ J	179				
			5 J	184	648	287	1940	
			5 ½ J	189				
			6 J	194				
185/80 R 14 Rf.	94	670	4 ½ J	186				
			5 J	191	664	293	1990	
			5 ½ J	196				
			6 J	201				
165/80 R 15	87	545	4 J	167				
			4 ½ J	172	655	293	1965	
			5 J	177				
			5 ½ J	182				

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index	Load capacity		Max. standard value in operation ²⁾			
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
70 series							
145/70 R 13	71	345	3.50 B ⁴⁾	146			
			4.00 B ⁴⁾	151			
			4.50 B⁴⁾	156	542	245	1630
			5.00 B ⁴⁾	161			
155/70 R 13	75	387	4.00 B ⁴⁾	158			
			4.50 B⁴⁾	163	556	250	1670
			5.00 B ⁴⁾	168			
165/70 R 13 XL / Rf.	79	437	4.00 B ⁴⁾	167			
	83	487	4.50 B ⁴⁾	172			
			5.00 B⁴⁾	177	572	256	1715
			5.50 B ⁴⁾	182			
175/70 R 13	82	475	4.50 B ⁴⁾	179			
			5.00 B⁴⁾	184	586	261	1755
			5.50 B ⁴⁾	189			
			6.00 B ⁴⁾	194			
185/70 R 13	86	530	4.50 B ⁴⁾	187			
			5.00 B ⁴⁾	192			
			5.50 B⁴⁾	197	600	266	1800
			6.00 B ⁴⁾	202			
165/70 R 14 XL / Rf.	81	462	4 J	167			
	85	515	4.50 B ⁴⁾	172			
			5.00 B⁴⁾	177	598	268	1795
			5.50 B ⁴⁾	182			
175/70 R 14	84	500	4 ½ J	179			
			5.00 B⁴⁾	184	612	274	1835
			5.50 B ⁴⁾	189			
			6 J	194			
185/70 R 14	88	560	4 ½ J	187			
			5 J	192			
			5 ½ J	197	626	279	1880
			6 J	202			
195/70 R 14	91	615	5 J	199			
			5 ½ J	204			
			6 J	209	640	285	1920
			6 ½ J	214			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾ (measuring rim bold)	Tyre dimensions		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity		Max. standard value in operation ²⁾			
				Width (mm)	Outer-Ø (mm)		
	LI	kg					
70 series							
135/70 R 15	70	335	3 ½ J	139			
			4 J	144	579	265	1740
			4 ½ J	149			
155/70 R 15	78	425	4 J	158			
			4 ½ J	163	607	276	1825
			5 J	168			
195/70 R 15 Rf.	97	730	5 J	199			
			5 ½ J	204			
			6 J	209	665	297	2000
			6 ½ J	214			
205/70 R 15	96	710	5 J	207			
			5 ½ J	212			
			6 J	217	681	303	2040
			6 ½ J	222			
			7 J	227			
215/70 R 15	98	750	5 ½ J	219			
			6 J	225			
			6 ½ J	230	695	308	2085
			7 J	235			
P 235/70 R 15	103	875	6 J	240			
			6 ½ J	245			
			7 J	250	725	319	2170
			7 ½ J	255			
			8 J	260			
65 series							
155/65 R 13	73	365	4.50 B ⁴⁾	163	540	244	1625
			5.00 B ⁴⁾	168			
			5.50 B ⁴⁾	173			
165/65 R 13	77	412	4.50 B ⁴⁾	172			
			5.00 B ⁴⁾	177	552	248	1660
			5.50 B ⁴⁾	182			
			6.00 B ⁴⁾	187			
175/65 R 13	80	450	5.00 B ⁴⁾	184	568	254	1700
			5.50 B ⁴⁾	189			
			6.00 B ⁴⁾	194			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index LI	Load capacity kg	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
				Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)	
				(measuring rim bold)	Width (mm)			Outer-Ø (mm)
65 series								
155/65 R 14		75	387	4.50 B ⁴⁾	163	566	257	1700
				5.00 B ⁴⁾	168			
				5.50 B ⁴⁾	173			
165/65 R 14		79	437	4.50 B ⁴⁾	172			
				5.00 B ⁴⁾	177	578	261	1740
				5.50 B ⁴⁾	182			
			6 J	187				
175/65 R 14 XL / Rf.		82	475	5.00 B ⁴⁾	184	594	267	1780
		86	530	5.50 B ⁴⁾	189			
				6 J	194			
185/65 R 14		86	530	5 J	192			
				5 ½ J	197	606	272	1820
				6 J	202			
			6 ½ J	207				
195/65 R 14		89	580	5 ½ J	204			
				6 J	209	620	277	1860
				6 ½ J	214			
			7 J	219				
145/65 R 15		72	355	4 J	151			
				4 ½ J	156	577	264	1735
				5 J	161			
155/65 R 15		77	412	4 ½ J	163	591	269	1780
				5 J	168			
				5 ½ J	173			
165/65 R 15		81	462	4 ½ J	172			
				5 J	177	603	274	1815
				5 ½ J	182			
			6 J	187				
175/65 R 15		84	500	5 J	184	619	279	1855
				5 ½ J	189			
				6 J	194			
185/65 R 15		88	560	5 J	192			
				5 ½ J	197	631	284	1895
				6 J	202			
			6 ½ J	207				
195/65 R 15 XL / Rf.		91	615	5 ½ J	204			
		95	690	6 J	209	645	290	1935
				6 ½ J	214			
			7 J	219				
205/65 R 15 Rf.		94	670	5 ½ J	212			
		99	775	6 J	217	657	294	1975
				6 ½ J	222			
			7 J	227				
			7 ½ J	232				

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity		Max. standard value in operation ²⁾			
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)		
65 series							
215/65 R 15 Rf.	96	710	6 J	225			
	100	800	6 ½ J	230	673	300	2015
			7 J	235			
			7 ½ J	240			
215/65 R 16	98	750	6 J	225			
			6 ½ J	230	698	312	2090
			7 J	235			
			7 ½ J	240			
215/65 R 17	98	750	6 J	225			
	99	775	6 ½ J	230	724	335	2170
			7 J	235			
			7 ½ J	240			
60 series							
165/60 R 14 XL	75	387	4 ½ J	172			
	79	437	5 J ⁵⁾	177	562	255	1690
			5 ½ J	182			
			6 J	187			
175/60 R 14	79	437	5 J ⁵⁾	184	574	260	1725
			5 ½ J	189			
			6 J	194			
185/60 R 14	82	475	5 J	192			
			5 ½ J	197	586	265	1765
			6 J	202			
			6 ½ J	207			
195/60 R 14	86	530	5 ½ J	204			
			6 J	209	600	269	1800
			6 ½ J	214			
			7 J	219			
155/60 R 15	74	375	4 ½ J	163	575	263	1730
			5 J	168			
			5 ½ J	174			
175/60 R 15	81	462	5 J	184	591	272	1805
			5 ½ J	189			
			6 J	194			
185/60 R 15 XL	84	500	5 J	192			
	88	560	5 ½ J	197	611	277	1840
			6 J	202			
			6 ½ J	207			
195/60 R 15	88	560	5 ½ J	204			
			6 J	209	625	282	1875
			6 ½ J	214			
			7 J	219			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾
				Max. standard value in operation ²⁾		stat.		
			LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+/- 2 % (mm)
60 series								
205/60 R 15		91	615	5 ½ J	212			
	XL / Rf.	95	690	6 J	217	637	286	1910
				6 ½ J	222			
				7 J	227			
				7 ½ J	232			
215/60 R 15 XL	98	750	6 J	225				
			6 ½ J	230	649	291	1950	
			7 J	235				
			7 ½ J	240				
225/60 R 15	96	710	6 J	232				
			6 ½ J	237	661	296	1985	
			7 J	242				
			7 ½ J	247				
			8 J	252				
175/60 R 16	82	475	5 J	184	624	285	1880	
			5 ½ J	189				
			6 J	194				
185/60 R 16	86	530	5 J	192				
			5 ½ J	197	636	290	1915	
			6 J	202				
			6 ½ J	207				
195/60 R 16	89	580	5 ½ J	204				
			6 J	209	650	294	1950	
			6 ½ J	215				
			7 J	220				
205/60 R 16	92	630	5 ½ J	212				
	XL	96	710	6 J	217	662	299	1990
				6 ½ J	222			
				7 J	227			
				7 ½ J	232			
215/60 R 16 XL / Rf.	99	775	6 J	225				
			6 ½ J	230	674	304	2025	
			7 J	235				
			7 ½ J	240				
225/60 R 16	98	750	6 J	232				
	XL / Rf.	102	850	6 ½ J	237	686	308	2060
				7 J	242			
				7 ½ J	247			
				8 J	252			
235/60 R 16	100	800	6 ½ J	245				
	Rf.	104	900	7 J	250	700	313	2100
				7 ½ J	255			
				8 J	260			
				8 ½ J	265			

Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
				Max. standard value in operation ²⁾			stat. +/- 2 %	+ 1.5 % - 2.5 %	
		LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)	
60 series									
215/60 R 17		96	710	6 J	225				
				6 ½ J	230	700	317	2105	
				7 J	235				
				7 ½ J	240				
225/60 R 17		99	775	6 J	232				
				6 ½ J	237	712	321	2140	
				7 J	242				
				7 ½ J	247				
				8 J	252				
225/60 R 18		100	800	6 J	232				
XL		103	875	6 ½ J	237	737	334	2215	
	104	900	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				
				6 J	202	568	258	1710	
				6 ½ J	207				
175/55 R 15		77	412	5 J	184				
				5 ½ J	189	581	265	1750	
				6 J	194				
185/55 R 15		81	462	5 J	192				
		82	475	5 ½ J	197				
		XL / Rf.	86	530	6 J	202	593	270	1785
					6 ½ J	207			
195/55 R 15		85	515	5 ½ J	204				
XL / Rf.		89	580	6 J	209	603	282	1815	
				6 ½ J	214				
				7 J	219				
205/55 R 15		88	560	5 ½ J	213				
				6 J	218				
				6 ½ J	223	617	279	1850	
				7 J	228				
				7 ½ J	233				
185/55 R 16		83	487	5 J	192				
XL		87	545	5 ½ J	197	618	283	1860	
				6 J	202				
				6 ½ J	207				

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index ¹⁾	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
	LI			kg	(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
						Width (mm)	Outer-Ø (mm)		
55 series									
195/55 R 16		87	545	5 ½ J	204				
	XL	91	615	6 J	209	628	286	1890	
				6 ½ J	214				
				7 J	219				
205/55 R 16		91	615	5 ½ J	213				
	XL	94	670	6 J	218				
				6 ½ J	223	642	291	1930	
				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	7 J	235	652	295	1960	
				7 ½ J	240				
225/55 R 16		95	690	6 J	232				
	XL	99	775	6 ½ J	237				
				7 J	242	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				
				6 ½ J	223	668	304	2005	
				7 J	228				
				7 ½ J	233				
215/55 R 17		94	670	6 J	225				
	XL	98	750	6 ½ J	230				
				7 J	235	678	308	2035	
				7 ½ J	240				
225/55 R 17		97	730	6 J	232				
	XL / Rf.	101	825	6 ½ J	237				
				7 J	242	690	313	2075	
				7 ½ J	247				
				8 J	252				
235/55 R 17		99	775	6 ½ J	245				
	XL / Rf.	103	875	7 J	250				
				7 ½ J	255	700	317	2105	
				8 J	260				
				8 ½ J	265				
245/55 R 17		102	850	7 J	258				
				7 ½ J	263	712	321	2140	
				8 J	268				
				8 ½ J	273				

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index ¹⁾	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
	LI			kg	(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
						Width (mm)	Outer-Ø (mm)		
55 series									
215/55 R 18	95	690	6 J	225					
			6 ½ J	230					
			7 J	235	703	321	2120		
			7 ½ J	240					
			6 ½ J	245					
			7 J	250					
235/55 R 18 XL	104	900	7 ½ J	255	725	329	2180		
			8 J	260					
			8 ½ J	266					
255/55 R 18 XL	109	1030	7 J	266					
			7 ½ J	271					
			8 J	276	749	338	2248		
			8 ½ J	281					
			9 J	286					
			50 series						
175/50 R 13	72	355	5.00 B ⁴⁾	184					
			5.50 B ⁴⁾	189	514	234	1545		
			6.00 B ⁴⁾	194					
185/50 R 14	77	412	5 J	192					
			5 ½ J	197					
			6 J	202	550	251	1655		
			6 ½ J	207					
			5 ½ J	204					
			6 J	209	585	267	1760		
195/50 R 15	82	475	6 ½ J	214					
			7 J	219					
			5 ½ J	213					
205/50 R 15	86	530	6 J	218					
			6 ½ J	223	595	271	1790		
			7 J	228					
			7 ½ J	233					
			5 J	192					
			5 ½ J	197					
185/50 R 16	81	462	6 J	202	600	276	1806		
			6 ½ J	207					
			5 ½ J	204					
195/50 R 16 XL	84	500	6 J	209	610	279	1835		
			6 ½ J	214					
			7 J	219					
205/50 R 16	87	545	5 ½ J	213					
			6 J	218					
			6 ½ J	223	620	283	1865		
			7 J	228					
			7 ½ J	233					

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾			
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
50 series							
225/50 R 16	XL	92	630	6 J	232		
		93	650	6 ½ J	237		
		96	710	7 J	242	642	1930
				7 ½ J	247		
205/50 R 17	XL	89	580	8 J	252		
		93	650	5 ½ J	213		
				6 J	218		
				6 ½ J	223	646	1945
215/50 R 17	XL	91	615	7 J	228		
		95	690	7 ½ J	233		
				6 J	225		
				6 ½ J	230		
225/50 R 17	XL	94	670	7 J	235	656	1975
		98	750	7 ½ J	240		
				6 J	232		
				6 ½ J	237		
235/50 R 17	XL	96	710	7 J	242	668	2005
		100	800	7 ½ J	247		
				8 J	252		
				6 ½ J	245		
225/50 R 18	XL	99	775	7 J	250		
				7 ½ J	255	668	2035
				8 J	260		
				8 ½ J	265		
235/50 R 18	XL	97	730	6 J	232		
		101	825	6 ½ J	237		
				7 J	242	693	2085
				7 ½ J	247		
245/50 R 18	XL	100	800	8 J	252		
		104	900	6 ½ J	245		
				7 J	250		
				7 ½ J	255	703	2115
275/50 R 19	XL	112	1120	8 J	260		
				8 ½ J	265		
				7 J	258		
				7 ½ J	263	713	2145
275/50 R 19	XL			8 J	268		
				8 ½ J	273		
				7 ½ J	285		
				8 J	290		
275/50 R 19	XL			8 ½ J	295	771	2315
				9 J	300		
				9 ½ J	305		

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 %	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
45 series							
195/45 R 13	75	387	6 J	198			
			6 ½ J	203	514	234	1545
			7 J	208			
195/45 R 14	77	412	7 ½ J	213			
			6 J	198			
			6 ½ J	203	540	247	1625
195/45 R 15	78	425	7 J	208			
			7 ½ J	213			
			6 ½ J	203	565	259	1700
195/45 R 16	80	450	6 J	198			
			6 ½ J	203	590	272	1775
			7 J	208			
205/45 R 16	83	487	7 ½ J	213			
			7 J	214	598	275	1800
			7 ½ J	219			
215/45 R 16	86	530	7 J	222			
			7 ½ J	227	608	279	1830
			8 J	232			
225/45 R 16	89	580	7 J	229			
			7 ½ J	234	616	282	1855
			8 J	239			
245/45 R 16	94	670	8 ½ J	244			
			7 ½ J	248			
			8 J	253	634	289	1910
205/45 R 17	84	500	8 ½ J	258			
			9 J	263			
			6 ½ J	209			
215/45 R 17	88	560	7 J	214	624	288	1879
			7 ½ J	219			
			7 J	222	634	292	1910
225/45 R 17	91	615	7 ½ J	227			
			8 J	232			
			7 J	229			
235/45 R 17	94	670	7 ½ J	234	642	295	1930
			8 J	239			
			8 ½ J	244			
235/45 R 17	97	730	7 ½ J	240			
			8 J	245	652	299	1965
			8 ½ J	250			
			9 J	255			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index ¹⁾	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾
				(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2% (mm)	+ 1.5% - 2.5% (mm)
					Width (mm)	Outer-Ø (mm)		
45 series								
245/45 R 17		95	690	7 ½ J	248			
XL		99	775	8 J	253	660	302	1990
				8 ½ J	258			
				9 J	263			
255/45 R 17		98	750	8 J	260			
XL		102	850	8 ½ J	265	672	306	2020
				9 J	270			
				9 ½ J	275			
215/45 R 18	XL	93	650	7 J	222	659	304	1985
				7 ½ J	227			
				8 J	232			
				7 J	229			
225/45 R 18		91	615	7 ½ J	234	667	307	2010
XL		95	690	8 J	239			
				8 ½ J	244			
				7 ½ J	240			
235/45 R 18	XL	98	750	8 J	245	677	311	2040
				8 ½ J	250			
				9 J	255			
				7 ½ J	248			
245/45 R 18		96	710	8 J	253	685	314	2065
XL		100	800	8 ½ J	258			
				9 J	263			
				8 J	260			
255/45 R 18		99	775	8 ½ J	265	697	318	2095
XL		103	875	9 J	270			
				9 ½ J	275			
				8 ½ J	279			
275/45 R 18		103	875	9 J	284	715	325	2150
				9 ½ J	289			
				10 J	294			
				10 ½ J	299			
235/45 R 19	XL	99	775	7 ½ J	240			
				8 J	245	703	324	2120
				8 ½ J	250			
				9 J	255			
245/45 R 19		98	750	7 ½ J	248			
XL		102	850	8 J	253	711	327	2145
				8 ½ J	258			
				9 J	263			
255/45 R 19		100	800	8 J	260			
XL		104	900	8 ½ J	265	723	331	2175
				9 J	270			
				9 ½ J	275			

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 %	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
45 series							
265/45 R 20	104	900	8 ½ J	272			
			9 J	277	756	347	2275
			9 ½ J	282			
			10 J	287			
40 series							
195/40 R 14	73	365	6 ½ J	203			
			7 J	208	518	239	1560
			7 ½ J	213			
215/40 R 14	79	437	7 J	222			
			7 ½ J	227	534	245	1610
			8 J	232			
			8 ½ J	237			
195/40 R 16 XL	80	450	6 ½ J	203			
			7 J	208	568	264	1715
			7 ½ J	213			
215/40 R 16 XL	86	530	7 J	222			
			7 ½ J	227	584	270	1765
			8 J	232			
			8 ½ J	237			
225/40 R 16	85	515	7 ½ J	234			
			8 J	239	594	273	1785
			8 ½ J	244			
			9 J	249			
195/40 R 17 XL	81	462	6 ½ J	203			
			7 J	208	594	277	1795
			7 ½ J	213			
205/40 R 17 XL	84	500	7 J	215			
			7 ½ J	220	602	280	1820
			8 J	225			
215/40 R 17 XL	83	487	7 J	222			
	87	545	7 ½ J	227	610	283	1840
			8 J	232			
			8 ½ J	237			
235/40 R 17	90	600	8 J	246			
			8 ½ J	251	628	289	1890
			9 J	256			
			9 ½ J	261			
245/40 R 17	91	615	8 J	253			
			8 ½ J	258	636	292	1915
			9 J	263			
			9 ½ J	268			
255/40 R 17 XL	94	670	8 ½ J	265			
	98	750	9 J	270	644	296	1940
			9 ½ J	275			
			10 J	280			

Size	Tyre	Load Index ¹⁾	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
	LI			kg	(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
						Width (mm)	Outer-Ø (mm)		
40 series									
275/40 R 17		98	750	9 J	284				
				9 ½ J	289				
				10 J	294	660	302	1990	
				10 ½ J	300				
				11 J	305				
215/40 R 18 XL		89	580	7 J	222				
				7 ½ J	227	635	296	1918	
				8 J	232				
				8 ½ J	237				
225/40 R 18 XL		88	560	7 ½ J	234				
				8 J	239	645	299	1945	
				8 ½ J	244				
				9 J	249				
235/40 R 18 XL		91	615	8 J	246				
				8 ½ J	251	653	302	1965	
				9 J	256				
				9 ½ J	261				
245/40 R 18 XL		93	650	8 J	253				
				8 ½ J	258	661	305	1990	
				9 J	263				
				9 ½ J	268				
255/40 R 18 XL		95	690	8 ½ J	265				
				9 J	270	669	308	2015	
				9 ½ J	275				
				10 J	280				
265/40 R 18 XL		97	730	9 J	277				
				9 ½ J	282	677	311	2040	
				10 J	287				
				10 ½ J	292				
275/40 R 18 XL		99	775	9 J	284				
				9 ½ J	289	685	314	2065	
				10 J	294				
				10 ½ J	299				
				11 J	304				
225/40 R 19		89	580	7 ½ J	234				
				8 J	239	671	312	2020	
				8 ½ J	244				
				9 J	249				
235/40 R 19 XL		96	710	8 J	246				
				8 ½ J	251	679	315	2045	
				9 J	256				
				9 ½ J	261				

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 %	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
40 series							
245/40 R 19		94	670	8 J	253		
XL	98	750	8 ½ J	258	687	318	2070
			9 J	263			
			9 ½ J	268			
255/40 R 19		96	710	8 ½ J	265		
XL	100	800	9 J	270	695	321	2095
			9 ½ J	275			
			10 J	280			
275/40 R 19		101	825	9 J	284		
XL	105	925	9 ½ J	289	711	327	2145
			10 J	294			
			10 ½ J	299			
			11 J	304			
285/40 R 19		103	875	9 ½ J	296		
XL	107	975	10 J	302	721	330	2170
			10 ½ J	307			
			11 J	312			
245/40 R 20		95	690	8 J	253		
XL	99	775	8 ½ J	258	712	330	2145
			9 J	263			
			9 ½ J	268			
255/40 R 20 XL		101	825	8 ½ J	265		
			9 J	270	720	336	2155
			9 ½ J	275			
			10 J	280			
265/40 R 20 XL		104	900	9 J	277		
			9 ½ J	282	728	339	2180
			10 J	288			
			10 ½ J	293			
265/40 R 21 XL		105	925	9 J	277		
			9 ½ J	282	753	349	2270
			10 J	288			
			10 ½ J	293			
35 series							
215/35 R 17 XL		83	487	7 J	222		
			7 ½ J	227	588	274	1775
			8 J	232			
			8 ½ J	237			
225/35 R 17 Rf.		86	530	7 ½ J	234		
			8 J	239	596	278	1800
			8 ½ J	244			
			9 J	249			
245/35 R 17		87	545	8 J	253		
			8 ½ J	258	610	283	1840
			9 J	263			
			9 ½ J	268			

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾			
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. +/- 2 % (mm)	+1.5 % -2.5 % (mm)
35 series							
215/35 R 18 XL	84	500	7 J	222			
			7 ½ J	227	613	287	1850
			8 J	232			
225/35 R 18 XL	87	545	8 ½ J	237			
			7 ½ J	234			
			8 J	239	621	290	1875
245/35 R 18 XL	92	630	8 ½ J	244			
			9 J	249			
			8 J	253	635	296	1920
255/35 R 18 XL	94	670	9 J	263			
			9 ½ J	268			
			8 ½ J	265			
265/35 R 18 XL	93	650	9 J	270	643	298	1935
			9 ½ J	275			
			10 J	280			
275/35 R 18 XL	95	690	10 ½ J	292			
			9 J	284			
			9 ½ J	289	657	303	1980
285/35 R 18 XL	97	730	10 J	294			
			10 ½ J	299			
			11 J	304			
225/35 R 19 XL	88	560	9 ½ J	297			
			10 J	302	665	307	2005
			10 ½ J	307			
235/35 R 19 XL	87	545	11 J	312			
			7 ½ J	234			
			8 J	239	647	303	1955
245/35 R 19 XL	93	650	8 ½ J	244			
			9 J	249			
			8 J	246			
225/35 R 19 XL	87	545	8 ½ J	251	653	305	1975
			9 J	256			
			9 ½ J	261			
235/35 R 19 XL	91	615	8 J	253			
			8 ½ J	258	661	309	2000
			9 J	263			
245/35 R 19 XL	93	650	9 ½ J	268			
			8 J	253			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index ¹⁾	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
	LI			kg	(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
						Width (mm)	Outer-Ø (mm)		
35 series									
255/35 R 19 XL	92	630	8 ½ J	265					
	96	710	9 J	270	669	311	2015		
			10 J	280					
265/35 R 19 XL	94	670	9 J	277					
	98	750	9 ½ J	282	677	314	2040		
			10 J	287					
275/35 R 19 XL	100	800	10 ½ J	292					
			9 J	284					
			9 ½ J	289	683	316	2060		
			10 J	294					
			10 ½ J	299					
285/35 R 19 XL	99	775	11 J	304					
			9 ½ J	297					
			10 J	302	691	320	2085		
			10 ½ J	307					
245/35 R 20 XL	95	690	11 J	312					
			8 J	253					
			8 ½ J	258	686	321	2075		
255/35 R 20 XL	97	730	9 J	263					
			9 ½ J	268					
			8 ½ J	265					
275/35 R 20 XL	102	850	9 J	270	694	323	2090		
			9 ½ J	275					
			10 J	280					
			9 J	284					
			9 ½ J	289	708	329	2135		
285/35 R 20 XL	104	900	10 J	294					
			10 ½ J	299					
			11 J	304					
			9 ½ J	296					
			10 J	302	716	332	2159		
255/35 R 21 XL	98	750	10 ½ J	307					
			11 J	312					
			8 ½ J	265					
			9 J	270	719	336	2170		
			9 ½ J	275					
			10 J	280					

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 %	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
30 series							
255/30 R 18 XL	90	600	8 ½ J	265			
			9 J	270	617	289	1865
			9 ½ J	275			
285/30 R 18	93	650	9 ½ J	297			
			10 J	302	635	296	1920
			10 ½ J	307			
295/30 R 18	94	670	10 J	308			
			10 ½ J	313	643	298	1935
			11 J	318			
255/30 R 19 XL	91	615	8 ½ J	265			
			9 J	270	643	302	1945
			9 ½ J	275			
265/30 R 19 XL	93	650	9 J	277			
			9 ½ J	282	649	304	1960
			10 J	287			
275/30 R 19 XL	96	710	9 J	284			
			9 ½ J	289	655	306	1980
			10 J	294			
285/30 R 19 XL	98	750	9 ½ J	297			
			10 J	302	661	309	2000
			10 ½ J	307			
295/30 R 19 XL	96	710	10 J	308			
	100	800	10 ½ J	313	669	311	2015
			11 J	318			
305/30 R 19 XL	102	850	10 ½ J	321			
			11 J	326	675	313	2035
			11 ½ J	331			
325/30 R 19 XL	105	925	11 J	339			
			11 ½ J	344	687	317	2070
			12 J	349			
235/30 R 20 XL	88	560	8 ½ J	252	656	309	1985
245/30 R 20 XL	90	600	8 J	253			
			8 ½ J	258	662	312	2000
			9 J	263			
255/30 R 20 XL	92	630	8 ½ J	265			
			9 J	270	668	314	2020
			9 ½ J	275			
265/30 R 20 XL	94	670	9 J	277			
			9 ½ J	282	674	316	2037
			10 J	287			
275/30 R 20 XL	97	730	9 J	284			
			9 ½ J	289	680	318	2050
			10 J	294			

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Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ¹⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)		
30 series							
285/30 R 20 XL	99	775	9 ½ J	297			
			10 J	302	686	321	2075
			10 ½ J	307			
335/30 R 20 XL	108	1000	11 ½ J	352			
			12 J	357	718	333	2165
			12 ½ J	362			
255/30 R 21 XL	93	650	8 ½ J	265			
			9 J	270	693	327	2095
			9 ½ J	275			
265/30 R 21 XL	96	710	9 J	277			
			9 ½ J	282	699	329	2114
			10 J	287			
295/30 R 21 XL	102	850	10 J	308			
			10 ½ J	313	719	336	2170
			11 J	318			
265/30 R 22 XL	97	730	9 J	277			
			9 ½ J	282	725	342	2195
			10 J	287			
25 series							
315/25 R 19	93	650	11 J	333			
			11 ½ J	338	647	303	1955
			12 J	343			
295/25 R 20 XL	95	690	10 J	308			
			10 ½ J	313	662	312	2000
			11 J	318			
305/25 R 20 XL	97	730	10 ½ J	321			
			11 J	326	666	313	2015
			11 ½ J	331			
325/25 R 20 XL	101	825	11 ½ J	344			
			12 J	349	676	317	2045
			12 ½ J	355			
295/25 R 21 XL	96	710	10 J	308			
			10 ½ J	313	687	324	2075
			11 J	318			
295/25 R 22 XL	97	730	10 J	308			
			10 ½ J	313	713	337	2155
			11 J	318			
305/25 R 22 XL	99	775	10 ½ J	320			
			11 J	326	717	330	2170
			11 ½ J	331			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index LI	Load capacity kg	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
				(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
					Width (mm)	Outer-Ø (mm)		
75 series								
P 235/75 R 16	106 108	950 1000	6 J	239				
235/75 R 16			6 ½ J	244	772	340	2312	
			7 J	249				
			7 ½ J	254				
			8 J	259				
P 245/75 R 16	109 111	1030 1090	6 ½ J	252	788	347	2361	
245/75 R 16			7 J	257				
			7 ½ J	262				
			8 J	267				
265/75 R 16	116	1250	7 J	273				
			7 ½ J	278	820	358	2450	
			8 J	283				
			8 ½ J	288				
			9 J	293				
70 series								
205/70 R 15	96	710	5 J	207				
			5 ½ J	212				
			6 J	217	681	303	2040	
			6 ½ J	222				
			7 J	227				
225/70 R 15	100	800	6 J	232				
P 225/70 R 15			6 ½ J	237	709	314	2125	
			7 J	242				
			7 ½ J	247				
P 235/70 R 15	102 103	850 875	6 J	240				
235/70 R 15			6 ½ J	245				
			7 J	250	725	319	2170	
			7 ½ J	255				
			8 J	260				
P 255/70 R 15	108	1000	6 ½ J	260				
			7 J	265				
			7 ½ J	270	753	330	2254	
			8 J	275				
			8 ½ J	280				
265/70 R 15	112	1120	7 J	272				
			7 ½ J	277				
			8 J	282	767	336	2297	
			8 ½ J	287				
			9 J	292				

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRT0)

Size	Tyre	Load Index LI	Load capacity kg	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
				Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)	
				(measuring rim bold)	Width (mm)			Outer-Ø (mm)
70 series								
P 215/70 R 16 215/70 R 16	99 100	775 800	5 ½ J	220				
			6 J	225				
			6 ½ J	230	720	321	2159	
225/70 R 16	102	850	7 J	235				
			6 J	232				
			6 ½ J	237	734	326	2202	
			7 J	242				
P 235/70 R 16 235/70 R 16	104 106	900 950	7 ½ J	247				
			6 J	240				
			6 ½ J	245				
			7 J	250	750	332	2245	
245/70 R 16 XL	107 111	975 1090	7 ½ J	255				
			8 J	260				
			6 ½ J	253				
			7 J	258	764	337	2287	
255/70 R 16	111	1090	7 ½ J	263				
			8 J	268				
			6 ½ J	260				
			7 J	265				
			7 ½ J	270	778	343	2330	
265/70 R 16	112	1120	8 J	275				
			8 ½ J	280				
			7 J	273				
			7 ½ J	278				
			8 J	283	792	348	2373	
275/70 R 16	114	1180	8 ½ J	288				
			9 J	293				
			7 J	280				
			7 ½ J	285				
			8 J	290	808	354	2416	
235/70 R 17 XL	111	1090	8 ½ J	295				
			9 J	300				
			6 J	240				
			6 ½ J	245				
			7 J	250	776	345	2325	
			7 ½ J	255				
			8 J	260				

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾ (measuring rim bold)	Tyre dimensions		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity kg		Max. standard value in operation ²⁾			
				Width (mm)	Outer-Ø (mm)		
70 series							
245/70 R 17	110	1060	6 ½ J	253			
			7 J	258	790	350	2365
			7 ½ J	263			
265/70 R 17	115	1215	8 J	268			
			7 J	273			
			7 ½ J	278			
			8 J	283	818	361	2450
			8 ½ J	288			
			9 J	293			
65 series							
175/65 R 15	84	500	5 J	184	619	279	1855
			5 ½ J	189			
			6 J	194			
185/65 R 15	88	560	5 J	192			
			5 ½ J	197	631	284	1895
			6 J	202			
205/65 R 15	94	670	6 ½ J	207			
			5 ½ J	212			
			6 J	217	657	294	1975
215/65 R 15	98	750	6 ½ J	222			
			7 J	227			
			7 ½ J	232			
215/65 R 16	98	750	6 J	225			
			6 ½ J	230	698	312	2090
			7 J	235			
255/65 R 16	109	1030	7 ½ J	240			
			7 J	265			
			7 ½ J	270	752	332	2251
225/65 R 16	109	1030	8 J	275			
			8 ½ J	280			
			9 J	285			
225/65 R 17	102	850	6 J	232			
			6 ½ J	237	736	330	2210
			7 J	242			
235/65 R 17	102	850	7 ½ J	247			
			8 J	252			
			6 ½ J	245			
235/65 R 17 XL	104	900	6 ½ J	245			
	108	1000	7 J	250	750	335	2251
			7 ½ J	255			
8 J			260				
235/65 R 17 XL	108	1000	8 ½ J	265			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index LI	Load capacity kg	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
				Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)	
				(measuring rim bold)	Width (mm)			Outer-Ø (mm)
65 series								
245/65 R 17	XL	107	975	7 J	258	762	340	2990
		111	1090	7 ½ J	263			
				8 J	268			
				8 ½ J	273			
255/65 R 17		110	1060	7 J	265			
				7 ½ J	270	778	346	2330
				8 J	275			
				8 ½ J	280			
				9 J	285			
265/65 R 17		112	1120	7 ½ J	278			
				8 J	283	790	350	2365
				8 ½ J	288			
				9 J	293			
				9 ½ J	298			
60 series								
235/60 R 16		100	800	6 ½ J	245			
				7 J	250	700	313	2100
				7 ½ J	255			
				8 J	260			
				8 ½ J	265			
215/60 R 17		96	710	6 J	225			
				6 ½ J	230	700	317	2105
				7 J	235			
				7 ½ J	240			
P 225/60 R 17		98	750	6 J	232			
225/60 R 17				6 ½ J	237	712	321	2140
				7 J	242			
				7 ½ J	248			
				8 J	253			
235/60 R 17		102	850	6 ½ J	245			
				7 J	250	726	326	2180
				7 ½ J	255			
				8 J	260			
				8 ½ J	265			
255/60 R 17		106	950	7 J	265			
				7 ½ J	270	750	335	2251
				8 J	275			
				8 ½ J	280			
				9 J	285			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾	
	LI			kg	(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
						Width (mm)	Outer-Ø (mm)		
60 series									
275/60 R 17	110	1060	7 ½ J	285					
			8 J	290	776	345	2324		
			8 ½ J	295					
			9 J	300					
			9 ½ J	305					
235/60 R 18 XL	103	875	6 ½ J	245					
	107	975	7 J	250	751	338	2254		
			7 ½ J	255					
			8 J	260					
			8 ½ J	265					
255/60 R 18 XL	112	1120	7 J	265					
			7 ½ J	270	755	340	2265		
			8 J	275					
			8 ½ J	281					
			9 J	286					
265/60 R 18	110	1060	7 ½ J	278					
			8 J	283	787	353	2365		
			8 ½ J	288					
			9 J	293					
			9 ½ J	298					
55 series									
225/55 R 17	97	730	6 J	232					
			6 ½ J	237					
			7 J	242	690	313	2075		
			7 ½ J	247					
			8 J	252					
235/55 R 17	99	775	6 ½ J	245					
			7 J	250					
			7 ½ J	255	700	317	2105		
			8 J	260					
			8 ½ J	265					
255/55 R 17	104	900	7 J	266					
			7 ½ J	271					
			8 J	276	724	325	2170		
			8 ½ J	281					
			9 J	286					
275/55 R 17	109	1030	7 ½ J	285					
			8 J	290					
			8 ½ J	295	746	334	2239		
			9 J	300					
			9 ½ J	305					

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾
				Max. standard value in operation ²⁾				
		LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
55 series								
225/55 R 18		98	750	6 J	232			
				6 ½ J	237			
				7 J	242	715	325	2150
				7 ½ J	247			
				8 J	252			
235/55 R 18		100	800	6 ½ J	245			
				7 J	250			
				7 ½ J	255	725	329	2180
				8 J	260			
				8 ½ J	266			
255/55 R 18	XL	105	925	7 J	266			
		109	1030	7 ½ J	271			
				8 J	276	749	338	2248
				8 ½ J	281			
				9 J	286			
235/55 R 19 XL		105	925	6 ½ J	245			
				7 J	250			
				7 ½ J	255	751	342	2260
				8 J	260			
				8 ½ J	266			
255/55 R 19 XL		111	1090	7 J	265			
				7 ½ J	270			
				8 J	276	775	351	2325
				8 ½ J	281			
				9 J	286			
275/55 R 19		111	1090	7 ½ J	285			
				8 J	290			
				8 ½ J	295	797	359	2395
				9 J	300			
				9 ½ J	305			
275/55 R 20 XL		117	1285	7 ½ J	285			
				8 J	290			
				8 ½ J	295	822	372	2470
				9 J	300			
				9 ½ J	305			
50 series								
235/50 R 18	XL	97	730	6 ½ J	245			
		101	825	7 J	250			
				7 ½ J	255	703	321	2115
				8 J	260			
				8 ½ J	265			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre	Load Index	Load capacity	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum-ference ³⁾
				Max. standard value in operation ²⁾			stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
		LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)		
50 series								
285/50 R 18		109	1030	8 J	299			
				8 ½ J	304			
				9 J	309	755	340	2266
				9 ½ J	314			
				10 J	319			
235/50 R 19		99	775	6 ½ J	245			
				7 J	250			
				7 ½ J	255	729	334	2195
				8 J	260			
				8 ½ J	265			
255/50 R 19 XL		103	875	7 J	266			
		107	975	7 ½ J	271			
				8 J	276	749	341	2260
				8 ½ J	281			
				9 J	286			
265/50 R 19 XL		110	1060	7 ½ J	278			
				8 J	283			
				8 ½ J	288	759	345	2285
				9 J	293			
				9 ½ J	298			
255/50 R 20 XL		109	1030	7 J	266			
				7 ½ J	271			
				8 J	276	774	354	2330
				8 ½ J	281			
				9 J	286			
265/50 R 20 XL		111	1090	7 ½ J	278			
				8 J	283			
				8 ½ J	288	784	358	2360
				9 J	294			
				9 ½ J	299			
275/50 R 20		109	1030	7 ½ J	285			
				8 J	290			
				8 ½ J	295	796	362	2390
				9 J	301			
				9 ½ J	306			
285/50 R 20 XL		116	1250	8 J	299			
				8 ½ J	304			
				9 J	309	806	366	2420
				9 ½ J	314			
				10 J	319			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾ (measuring rim bold)	Tyre dimensions		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity		Max. standard value in operation ²⁾			
				Width (mm)	Outer-Ø (mm)		
	LI	kg					
45 series							
235/45 R 19	95	690	7 ½ J	241			
			8 J	245	703	324	2120
			8 ½ J	251			
			9 J	256			
255/45 R 19	100	800	8 J	260			
			8 ½ J	265	723	331	2175
			9 J	270			
			9 ½ J	275			
275/45 R 19 XL	108	1000	8 ½ J	279			
			9 J	284	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	9 ½ J	296	749	341	2255
			10 J	301			
			10 ½ J	306			
295/45 R 19	109	1030	9 ½ J	302			
			10 J	308	759	345	2285
			10 ½ J	312			
			11 J	317			
235/45 R 20 XL	100	800	7 ½ J	241			
			8 J	245	728	339	2180
			8 ½ J	251			
			9 J	256			
255/45 R 20 XL	101	825	8 J	260			
	105	925	8 ½ J	265	748	344	2250
			9 J	270			
			9 ½ J	275			
265/45 R 20 XL	108	1000	8 ½ J	272			
			9 J	277	756	347	2275
			9 ½ J	282			
			10 J	287			
275/45 R 20 XL	110	1060	9 J	283			
			9 ½ J	288	766	351	2305
			10 J	293			
			10 ½ J	298			
295/45 R 20 XL	114	1180	9 ½ J	303			
			10 J	308	784	358	2360
			10 ½ J	313			
			11 J	318			
285/45 R 22 XL	114	1180	9 J	291			
			9 ½ J	296	825	379	2485
			10 J	301			
			10 ½ J	306			

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ²⁾	Load capacity		Max. standard value in operation ²⁾		stat. +/- 2 %	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
45 series							
305/45 R 22 XL	118	1320	9 ½ J	310			
			10 J	315	843	386	2540
			10 ½ J	320			
			11 J	325			
			11 ½ J	330			
40 series							
255/40 R 19	96	710	8 ½ J	265			
			9 J	270	695	321	2095
			9 ½ J	275			
			10 J	281			
275/40 R 20 XL	106	950	9 J	284			
			9 ½ J	289	736	340	2220
			10 J	294			
			10 ½ J	299			
			11 J	304			
295/40 R 20	106	950	10 J	308			
XL	110	1060	10 ½ J	313	754	346	2269
			11 J	318			
			11 ½ J	323			
295/40 R 21 XL	111	1090	10 J	307			
			10 ½ J	313	779	359	2345
			11 J	318			
			11 ½ J	324			
265/40 R 22 XL	106	950	9 J	277			
			9 ½ J	282	779	362	2350
			10 J	288			
			10 ½ J	293			
305/40 R 22 XL	114	1180	10 J	316			
			10 ½ J	321			
			11 J	326	813	375	2450
			11 ½ J	331			
			12 J	336			
305/40 R 23 XL	115	1215	10 J	316			
			10 ½ J	321			
			11 J	326	838	387	2525
			11 ½ J	331			
			12 J	336			
285/40 R 24 XL	112	1120	9 ½ J	296			
			10 J	302	848	380	2555
			10 ½ J	307			
			11 J	312			

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index ¹⁾	Load capacity		Max. standard value in operation ²⁾		stat.	+ 1.5 % - 2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	+/- 2 % (mm)	(mm)
35 series							
315/35 R 20 XL	110	1060	10 ½ J	328			
			11 J	333	736	340	2220
			11 ½ J	338			
			12 J	343			
			12 ½ J	348			
295/35 R 21 XL	107	975	10 J	308			
			10 ½ J	313	747	347	2255
			11 J	318			
			11 ½ J	324			
265/35 R 22 XL	102	850	9 J	277			
			9 ½ J	282	753	352	2270
			10 J	287			
			10 ½ J	292			
275/35 R 22 XL	104	900	9 J	284			
			9 ½ J	289			
			10 J	294	759	354	2290
			10 ½ J	300			
			11 J	305			
285/35 R 22 XL	106	950	9 ½ J	296			
			10 J	302	767	357	2315
			10 ½ J	307			
			11 J	312			
315/35 R 24 XL	114	1180	10 ½ J	328			
			11 J	333			
			11 ½ J	338	838	391	2530
			12 J	343			
			12 ½ J	348			
30 series							
295/30 R 22 XL	103	875	10 J	308			
			10 ½ J	313	745	349	2250
			11 J	318			
315/30 R 22 XL	107	975	10 ½ J	328			
			11 J	333	757	354	2285
			11 ½ J	338			
305/30 R 23 XL	106	950	10 ½ J	321			
			11 J	326	776	363	2340
			11 ½ J	331			
25 series							
335/25 R 22 XL	105	925	11 ½ J	351			
			12 J	357	733	345	2215
			12 ½ J	362			
315/25 R 23 XL	102	850	11 J	333			
			11 ½ J	338	748	354	2265
			12 J	343			

Size	Tyre Load Index ¹⁾	Permitted rims ¹⁾ (measuring rim bold)	Tyre dimensions			Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)	Load Index LI	Wheel position ⁹⁾	
			Max. standard value in operation ²⁾		on measuring rim					
		LI		Width (mm)	Outer-Ø (mm)	Width (mm)				
LT-sizes										
LT 215/85 R 16	115/112	5 ½ J	224					115	S	
		6 J	229	793	216	349	2339	112	T	
		6 ½ J	234							
		7 J	239							
LT 235/85 R 16	120/116	6 J	244					120	S	
		6 ½ J	249	822	235	335	2458	116	T	
		7 J	254							
		7 ½ J	259							
LT 235/75 R 15	104/101	6 J	239					104	S	
		6 ½ J	244	747	235	328	2236	101	T	
		7 J	249							
LT 225/75 R 16	110/107	6 J	232	758	223	335	2269	110	S	
		6 ½ J	237					107	T	
		7 J	242							
LT 245/75 R 16	120/116	6 ½ J	252	788	242	347	2361	120	S	
		7 J	257					116	T	
		7 ½ J	262							
		8 J	267							
LT-flotation sizes										
LT 30x9.50 R 15	104	6 ½ J	241					104	S	
		7 J	246							
		7 ½ J	251	765	260	334	2285			
		8 J	256							
		8 ½ J	261							
LT 31x10.50 R 15	109	7 J	263					109	S	
		7 ½ J	268							
		8 J	273							
		8 ½ J	278	791	289	344	2365			
		9 J	283							
LT 33x12.50 R 15	108	8 ½ J						108	S	
		9 J								
		9 ½ J								
		10 J	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
	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	(km/h)
			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/h¹⁾.

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.

¹⁾ 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

95 series	80 series	70 series
T 105/95 R 17 TL 90 M	T 125/80 R 15 TL 95 M	T 115/70 R 15 TL 90 M
90 series	T 125/80 R 16 TL 97 M	T 125/70 R 15 TL 95 M
T 125/90 R 15 TL 96 M	T 145/80 R 16 TL 105 M ¹⁾	T 135/70 R 15 TL 99 M →
T 125/90 R 16 TL 98 M	T 125/80 R 17 TL 99 M	T 115/70 R 16 TL 92 M
T 135/90 R 16 TL 102 M	T 135/80 R 17 TL 102 M ★	T 125/70 R 16 TL 96 M
T 145/90 R 16 TL 106 M	103 M	T 135/70 R 16 TL 100 M
T 135/90 R 17 TL 104 M (★)	T 145/80 R 17 TL 107 M	T 125/70 R 17 TL 98 M
T 165/90 R 17 TL 105 M	T 165/80 R 17 TL 104 M	T 155/70 R 17 TL 110 M
T 155/90 R 18 TL 113 M	T 135/80 R 18 TL 104 M	T 125/70 R 18 TL 99 M
85 series	T 145/80 R 18 TL 99 M	T 125/70 R 19 TL 100 M
T 125/85 R 16 TL 99 M	T 145/80 R 19 TL 110 M →	T 155/70 R 19 TL 113 M
T 155/85 R 18 TL 115 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 ²⁾
		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

¹⁾ Tread pattern Serva Spare

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

Size	Tyre	Load Index	Load capacity ¹⁾ kg	Permitted rims ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
				(measuring rim bold)	Max. standard value in operation ²⁾		stat. +/- 2 % (mm)	+ 1.5 % - 2.5 % (mm)
					Width (mm)	Outer-Ø (mm)		
95 series								
T 105/95 R 17	90	600	3 J ⁵⁾	112	644	291	1940	
			3 ½ J ⁵⁾	117				
90 series								
T 125/90 R 15	96	710	3 J ⁵⁾	129				
			3 ½ J ⁵⁾	134	621	275	1865	
			4 J ⁵⁾	139				
T 115/90 R 16	92	630	3 J ⁵⁾	120	626	281	1885	
			3 ½ J ⁵⁾	125				
			4 J ⁵⁾	130				
T 125/90 R 16	98	750	3 J ⁵⁾	129				
			3 ½ J ⁵⁾	134	646	288	1940	
			4 J ⁵⁾	139				
T 135/90 R 16	102	850	3 ½ J ⁵⁾	141	664	295	1995	
			4 J ⁵⁾	146				
			4 ½ J ⁵⁾	151				
T 145/90 R 16	106	950	3 ½ J	149				
			4 J	154	684	309	2057	
			4 ½ J	159				
			5 J	164				
T 135/90 R 17	104	900	3 ½ J ⁵⁾	141	690	307	2075	
			4 J ⁵⁾	146				
			4 ½ J ⁵⁾	151				
T 165/90 R 17	105	925	4 J	170				
			4 ½ J	175	748	328	2241	
			5 J	180				
			5 ½ J	185				
T 155/90 R 18	113	1150	4 J ⁵⁾	161				
			4 ½ J ⁵⁾	166	753	340	2266	
			5 J ⁵⁾	171				
85 series								
T 125/85 R 16	99	775	3 J ⁵⁾	129				
			3 ½ J ⁵⁾	134	630	283	1894	
			4 J ⁵⁾	139				
T 155/85 R 18	115	1215	4 J	161				
			4 ½ J	166	737	328	2215	
			5 J	171				

¹⁾ 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 ¹⁾	Tyre dimensions		Radius	Rolling circum- ference ³⁾
	Load Index	Load capacity ¹⁾		Max. standard value in operation ²⁾		stat. +/- 2 %	+1.5 % -2.5 %
	LI	kg	(measuring rim bold)	Width (mm)	Outer-Ø (mm)	(mm)	(mm)
80 series							
T 125/80 R 15	95	690	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	593	266	1785
			4 J ⁵⁾	139			
T 125/80 R 16	97	730	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	618	280	1867
			4 J ⁵⁾	139			
T 145/80 R 16	105	925	3 ½ J	149			
			4 J	154	652	290	1960
			4 ½ J	159			
T 125/80 R 17	99	775	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	644	291	1940
			4 J ⁵⁾	139			
T 135/80 R 17	102 103	850 875	3 ½ J ⁵⁾	141	660	297	1990
			4 J ⁵⁾	146			
			4 ½ J ⁵⁾	151			
T 145/80 R 17	107	975	3 ½ J	149			
			4 J	154	678	303	2040
			4 ½ J	159			
T 165/80 R 17	104	900	4 J	170			
			4 ½ J	175	704	321	2142
			5 J	180			
			5 ½ J	185			
T 135/80 R 18	104	900	3 ½ J	138	681	310	2067
			4 J	143			
			4 ½ J	148			
T 145/80 R 18	99	775	3 ½ J	149			
			4 J	154	703	315	2100
			4 ½ J	159			
T 145/80 R 19	110	1060	3 ½ J				
			4 J	151	721	328	2194
			4 ½ J				
			5 J				
T 155/80 R 19	114	1180	4 J	161			
			4 ½ J	166	745	334	2245
			5 J	171			
T 175/80 R 19	122	1500	4 ½ J	183			
			5 J	188	779	346	2340
			5 ½ J	193			
			6 J	198			

¹⁾ 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.

See cover foldout for footnotes

Yellow background = standard values for tyre size (ETRTO)

Size	Tyre		Permitted rims ¹⁾ (measuring rim bold)	Tyre dimensions Max. standard value in operation ²⁾		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity ¹⁾ kg		Width (mm)	Outer-Ø (mm)		
70 series							
T 115/70 R 15	90	600	3 J ⁵⁾	120			
			3 ½ J ⁵⁾	125	553	251	1665
			4 J ⁵⁾	130			
T 125/70 R 15	95	690	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	567	257	1710
			4 J ⁵⁾	139			
T 135/70 R 15	99	775	3 ½ J	139			
			4 J	144	577	261	1750
			4 ½ J	149			
T 115/70 R 16	92	630	3 J ⁵⁾	120			
			3 ½ J ⁵⁾	125	578	264	1745
			4 J ⁵⁾	130			
T 125/70 R 16	96	710	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	592	270	1796
			4 J ⁵⁾	139			
T 135/70 R 16	100	800	3 ½ J	141			
			4 J	146	608	274	1830
			4 ½ J	151			
T 125/70 R 17	98	750	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	618	282	1865
			4 J ⁵⁾	139			
T 155/70 R 17	110	1060	4 J	161			
			4 ½ J	166	664	298	1995
			5 J	171			
T 125/70 R 18	99	775	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	643	295	1945
			4 J ⁵⁾	139			
T 125/70 R 19	100	800	3 J ⁵⁾	129			
			3 ½ J ⁵⁾	134	665	305	2032
			4 J ⁵⁾	139			
T 155/70 R 19	113	1150	4 J	161			
			4 ½ J	166	715	323	2150
			5 J	171			

¹⁾ 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 ¹⁾ (measuring rim bold)	Tyre dimensions Max. standard value in operation ²⁾		Radius stat. +/- 2 % (mm)	Rolling circum- ference ³⁾ + 1.5 % - 2.5 % (mm)
	Load Index	Load capacity ¹⁾		Width (mm)	Outer-Ø (mm)		
	LI	kg					
65 series							
185/65 R 16 XL	93	650	5 J	192			
			5 ½ J	197	656	297	1970
			6 J	202			
			6 ½ J	207			
60 series							
T 125/60 R 18	94	670	3 ½ J	131	617	285	1863
			4 J				
			4 ½ J				
T 155/60 R 18	107	975	4 ½ J ⁵⁾	166	655	298	1974
			5 J ⁵⁾				
			5 ½ J ⁵⁾				
T 145/60 R 20	105	925	4 J				
			4 ½ J	159	692	319	2094
			5 J				
T 165/60 R 20	113	1150	4 J				
			4 ½ J	171	712	328	2167
			5 J				
			5 ½ J				

¹⁾ 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 123](#) of this databook.



Compressor and tyre sealant integrated in one unit

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

Integrated lamp and safety reflector, illuminated pressure gauge and display

Weight approx. 2.3 kg, dimensions 180 x 240 x 95 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

Vanco™ 2

For small commercial vehicles and vans

Performance features:

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



Size range

14 Inch			
185 R 14 C	8 PR	102/100 Q	
195 R 14 C	8 PR	106/104 Q	
205 R 14 C	8 PR	109/107 P	
215 R 14 C	8 PR	112/110 P	
185/75 R 14 C	8 PR	102/100 Q	
195/75 R 14 C	8 PR	106/104 Q	

Technical data

C tyres [page 88 ff.](#)

15 Inch			
195/70 R 15 C	6 PR	100/98 R	
		(97 T)	→
	8 PR	104/102 R	
205/70 R 15 C	8 PR	106/104 R	
215/70 R 15 C	8 PR	109/107 R	
		109/107 S	
225/70 R 15 C	8 PR	112/110 R	
		(115 N)	
205/65 R 15 C	6 PR	102/100 T	
215/65 R 15 C	6 PR	104/102 R	→
16 Inch			
205 R 16 C	8 PR	110/108 T	→
175/75 R 16 C	8 PR	101/99 R	
185/75 R 16 C	8 PR	104/102 R	
195/75 R 16 C	8 PR	107/105 R	
	8 PR	107/105 T	
	10 PR	110/108 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	

16 Inch (continued)			
225/75 R 16 C	8 PR	116/114 R	
		(118/116 P)	
	10 PR	118/116 R	
		121/120 R	
195/65 R 16 C	6 PR	100/98 T	
	8 PR	104/102 T	
		(100 T)	
205/65 R 16 C	8 PR	107/105 T	
		(103 T)	
215/65 R 16 C	6 PR	106/104 T	
	8 PR	109/107 R	
		(106 T)	
225/65 R 16 C	8 PR	112/110 R	
		8 PR 112/110 S	
235/65 R 16 C	8 PR	115/113 R	
	10 PR	121/119 R	
17 Inch			
235/60 R 17 C	10 PR	117/115 R	
255/55 R 17 C	10 PR	118/116 R	

See cover foldout for footnotes

Vanco™

For small commercial vehicles and vans

Performance features:

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



Size range

14 Inch

185 R 14 C	8 PR	102/100 Q
195 R 14 C	8 PR	106/104 Q
165/75 R 14 C	8 PR	97/95 R

See cover foldout for footnotes

15 Inch

195 R 15 C	8 PR	106/104 R
195/70 R 15 C	6 PR	100/98 R
		(97 T) □
	8 PR	104/102 R
225/70 R 15 C	8 PR	112/110 R
		(115 N)

16 Inch

195/75 R 16 C	8 PR	107/105 R
205/75 R 16 C	8 PR	110/108 R □
215/75 R 16 C	8 PR	113/111 R
	10 PR	116/114 R
205/65 R 16 C	8 PR	107/105 T
		(103 T)
225/65 R 16 C	8 PR	112/110 R □

Technical data

C tyres [page 88 ff.](#)

VancoContact™ 2

For family vans and small commercial vehicles

Performance features:

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



Size range

13 Inch

165 R 13 C	6 PR	91/89 R
165/70 R 13 C	6 PR	88/86 R

See cover foldout for footnotes

14 Inch

165/70 R 14 C	6 PR	89/87 R
165/70 R 14 Rf.		85 S
175/70 R 14 C	6 PR	95/93 T
175/65 R 14 C	6 PR	90/88 R
175/65 R 14 Rf.		86 T

15 Inch

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

16 Inch

205/65 R 16 C		107/105 T
		(103 H)
195/60 R 16 C	6 PR	99/97 H
215/60 R 16 Rf.		99 H
215/60 R 16 C	6 PR	103/101 T

Technical data

C tyres [page 88 ff.](#)

Reinforced tyres [page 40 ff.](#)

VancoContact™

For family vans and small commercial vehicles

Performance features:

- 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
235/55 R 17 Rf.		103 W

Technical data

C tyres [page 88 ff.](#)

Reinforced tyres [page 40 ff.](#)

VancoCamper™

For camper vans

Performance features:

- 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

215/70 R 15 CP	8 PR	109 R
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See cover foldout for footnotes

16 Inch

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

Technical data

C tyres [page 88 ff.](#)

VancoFourSeason™ 2

The flexible solution for economical fleet use all the year round

Performance features:

- 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	→
225/75	R 16 C	10 PR	121/120 R	
205/65	R 16 C	8 PR	107/105 T	→
			(103 T)	
225/65	R 16 C	8 PR	112/110 R	
235/65	R 16 C	8 PR	115/113 R	

Technical data

C tyres [page 88 ff.](#)

[See cover foldout for footnotes](#)

VancoFourSeason™

The all-season tyre for economical fleet operations

Performance features:

- 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 88 ff.](#)

LT tyres [page 70 f.](#)

16 Inch
LT 215/85 R 16 115/112 Q
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
225/75 R 16 C 8 PR 116/114 R □
(118/116 P)
LT 245/75 R 16 120/116 Q
195/65 R 16 C 8 PR 104/102 T
(100 T)
205/65 R 16 C 8 PR 107/105 T □
(103 H)
235/65 R 16 C 10 PR 121/119 N □
(118 R)
285/65 R 16 C 10 PR 128 N
(121 R)

VancoWinter™ 2

For winter use on small commercial vehicles and vans

Performance features:

- 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			
185 R 14 C	8 PR	102/100 Q	
165/70 R 14 C	6 PR	89/87 R	
175/70 R 14 C	6 PR	95/93 T	
175/65 R 14 C	6 PR	90/88 T	
15 Inch			
195/70 R 15 C	8 PR	104/102 R	
195/70 R 15 Rf.		97 T	
205/70 R 15 C	8 PR	106/104 R	
215/70 R 15 C	8 PR	109/107 R	
225/70 R 15 C	8 PR	112/110 R	(115 N)
205/65 R 15 C	6 PR	102/100 T	
185/55 R 15 C	6 PR	90/88 T	

16 Inch			
185/75 R 16 C	8 PR	104/102 R	
195/75 R 16 C	8 PR	107/105 R	
205/75 R 16 C	8 PR	110/108 R	
215/75 R 16 C	8 PR	113/111 R	
225/75 R 16 C	8 PR	116/114 R	(118/116 P)
195/65 R 16 C	8 PR	104/102 T	(100 T)
205/65 R 16 C	8 PR	107/105 T	(103 T)
215/65 R 16 C	6 PR	106/104 T	
	8 PR	109/107 R	(106 T)

16 Inch (continued)			
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)
195/60 R 16 C	6 PR	99/97 T	
205/60 R 16 C	6 PR	100/98 T	
215/60 R 16 C	6 PR	103/101 T	
17 Inch			
215/60 R 17 C	6 PR	104/102 H	

Technical data

C tyres [page 88 ff.](#)

Reinforced tyres [page 40 ff.](#)

See cover foldout for footnotes

VancoWinter™

For winter use on small commercial vehicles and vans

Performance features:

- Excellent grip
- Reduced stopping distance on icy, snowy and wet surfaces
- Maximum protection against aquaplaning
- 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

14 Inch	16 Inch
195 R 14 C 8 PR 106/104 Q	175/75 R 16 C 8 PR 101/99 R

Technical data
C tyres [page 88 ff.](#)

See cover foldout for footnotes

VancoWinterContact™

For family vans and small commercial vehicles
on wintry roads

Performance features:

- 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

C tyres [page 88 ff.](#)

Reinforced tyres [page 40 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		Service description (⁶⁾)	Rim (⁷⁾) (meas- uring rim bold)	TL valve (tube and valve) *	Tyre dimensions						Radius stat. +/- 2 % (mm)	Rolling circum- ference +1.5 % -2.5 % (mm)	
	PR					Max. standard value in operation ⁸⁾				new				
						Width		Outer-Ø		Width	Outer- Ø			
						Stand- ard	Spe- cial	Stand- ard	Spe- cial	Width	Outer- Ø			
13 Inch														
165 R 13 C	6	91/89R	4 J 4 ½ J 5 J	43 GS 11.5		167 172 177	175 180 185	604	609	162 167 172	596	267	1806	
165/70 R 13 C	6	88/86R	4 ½ J ⁵⁾ 5 J ⁵⁾	43 GS 11.5		172 177		572	576	165 170	562	258	1703	
14 Inch														
175 R 14 C	8	99/98 P	4 ½ J 5 J 5 ½ J	43 GS 11.5		178 183 188	187 192 197	642	648	173 178 183	634	289	1920	
185 R 14 C	6	99/97 Q	5 J	43 GS 11.5		189	198	659	665	183	650	296	1970	
	8	102/100 Q	5 ½ J 6 J		194 199	203 208	188 193							
195 R 14 C	6	102/100 Q	5 J	43 GS 11.5		199	209	675	682	193	666	302	2018	
	8	106/104 Q	5 ½ J 6 J		204 209	214 219	198 203							
205 R 14 C	8	109/107 P	5 ½ J 6 J 6 ½ J	43 GS 11.5		209 214 219	220 225 230	696	703	203 208 213	686	301	2078	
215 R 14 C	8	112/110 P	5 ½ J 6 J 6 ½ J	(43 GS 11.5)		220 225 230	230 235 240	710	717	213 218 223	700	316	2121	
165/75 R 14 C	8	97/95R	4 J 4 ½ J 5 J	TR 600 XHP, TR 602 HP		167 172 177		614	618	160 165 170	604	277	1830	
185/75 R 14 C	8	102/100 Q	5 J 5 ½ J 6 J	TR 600 XHP, TR 602 HP		191 196 201		646	–	184 189 194	634	289	1920	
195/75 R 14 C	8	106/104 Q	5 J 5 ½ J 6 J	TR 600 XHP, TR 602 HP		199 204 209		666	–	191 196 201	648	295	1963	
165/70 R 14 C	6	89/87R	4 ½ J 5 J	43 GS 11.5		172 177		598	602	165 170	588	271	1782	
175/70 R 14 C	6	95/93 T	4 ½ J 5 J 5 ½ J	43 GS 11.5		179 184 189		612	616	172 177 182	602	276	1824	
175/65 R 14 C	6	90/88 R	5 J	43 GS 11.5		186		594	598	177	584	267	1780	
		90/88 T	5 ½ J				191			182				

See cover foldout for footnotes and page 96 * (Valves)

	PR	Load Index	Wheel position ⁹⁾	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed
		LI		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	(km/h)	
	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	
	8	106 104	S T	1375 2605	1465 2775	1555 2945	1645 3110	1730 3275	1815 3440	1900 3600								
	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		Service description (6)	Rim (7) (meas- uring rim bold)	TL valve (tube and valve) *	Tyre dimensions						Radius stat. +/- 2 % (mm)	Rolling circum- ference + 1.5 % - 2.5 % (mm)	
	PR					Max. standard value in operation ⁸⁾				new				
						Width		Outer-Ø		Width	Outer- Ø			
						Stand- ard	Spe- cial	Stand- ard	Spe- cial					
15 Inch														
185 R 15 C	8	103/102 R	5 J 5 ½ J 6 J	43 GS 11.5		189 194 199	198 203 208	683	689	183 188 193	674	308	2042	
195 R 15 C	8	106/104 R	5 J 5 ½ J 6 J	43 GS 11.5		201 206 211		703	–	193 198 203	690	314	2091	
175/70 R 15 C	8	97/95 T	4 ½ J 5 J 5 ½ J	43 GS 11.5 (1540, 38 G 11.5)		179 184 189		637	641	172 177 182	627	288	1900	
195/70 R 15 C	6	100/98 R (97 T)	5 J 5 ½ J	43 GS 11.5		199 204				191 196				
	8	104/102 R	6 J			209	665	671	201	655	300	1985		
		104/102 R (97 T)												
205/70 R 15 C	8	106/104 R	5 ½ J 6 J 6 ½ J	43 GS 11.5		212 217 222		681	687	204 209 214	669	306	2027	
215/70 R 15 C	8	109/107 R	5 ½ J	43 GS 11.5		220				211				
		109/107 S	6 J	TR 600 XHP		225				216				
		109 R	6 ½ J 7 J	TR 600 HP		230 235	695	701	221 226	683	311	2069		
225/70 R 15 C	8	112/110 R (115 N)	6 J 6 ½ J	43 GS 11.5		232 237		709	715	223 228	697	317	2112	
		112/110 R	7 J				242		233					
205/65 R 15 C		102/100 T	5 ½ J	43 GS 11.5		212				204				
		102/100 R	6 J 6 ½ J				217 222	657	663	209 214	647	297	1960	
215/65 R 15 C	6	104/102 T	6 J	43 GS 11.5		225				216				
		104/102 R	6 ½ J 7 J				230 235	673	677	221 226	661	308	2003	
185/60 R 15 C	6	94/92 T	5 ½ J 6 J	43 GS 11.5		197 202		611	617	189 194	603	279	1827	
185/55 R 15 C		90/88 T	5 ½ J 6 J	43 GS 11.5		197 202		593	598	189 194	585	270	1773	

See cover foldout for footnotes and page 96 * (Valves)

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

Size	Tyre		Rim 7) (meas- uring 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 ⁸⁾		Outer-Ø		Width	Outer- Ø		
					Stand- ard	Spe- cial	Stand- ard	Spe- cial				
16 Inch												
175/75 R 16 C	8	101/99R	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	104/102R	5 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	107/105R	5 J	TR 600 XHP, TR 602 HP	199	710	716	191	698	320	2115	
		107/105T	5 ½ J		204			196				
	10	110/108R	6 J	209	201							
205/75 R 16 C	8	110/108R	5 ½ J	TR 600 XHP, TR 602 HP	211	726	732	203	714	328	2170	
	10	113/111R	6 J		216			208				
			6 ½ J		221			213				
215/75 R 16 C	8	113/111R	5 ½ J	TR 600 XHP, TR 602 HP	220	740	748	211	728	334	2210	
	10	116/114R	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	116/114N (110S)	6 J	43 GS 11.5	232	758	764	223	744	338	2254	
			6 ½ J		237			228				
	8	116/114R (118/116P) 116R	7 J	TR 600 XHP, TR 602 HP, 40 MS	242			233				
	10	118/116R 121/120R		40 MS								
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			196				
					6 J			209				201
			104/102 R (100R)									

See cover foldout for footnotes and page 96 *(Valves)

	PR	Load Index	Wheel position ⁹⁾	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed
		LI		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	(km/h)	
	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	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 4720	2500 2500 4720			
	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 RA T	1730 1540 2905	1845 1640 3100	1960 1740 3290	2070 1840 3475	2180 1940 3660	2285 2035 3840	2395 2130 4020	2500 2225 4200	2695 2315 4375	2800 2410 4550	2900 2500 4720				
	10	118 116 121 120	S T S T	1685 3195 1725 3330	1800 3410 1835 3550	1910 3615 1950 3765	2015 3820 2060 3980	2125 4020 2170 4190	2230 4220 2275 4395	2335 4420 2385 4605	2435 4615 2490 4805	2540 4810 2595 5010	2640 5000 2695 5205	2800 2900 5405	2900 5600			
		6	100 98	S T	1340 2510	1425 2675	1515 2840	1600 3000										R 170 T 190
			8	104 102 100	S T S	1245 2355 1340	1330 2510 1425	1410 2665 1515	1490 2815 1600	1570 2965	1645 3110	1725 3255	1800 3400					

Size	Tyre		Rim 7) (meas- uring rim bold)	TL valve (tube and valve) *	Tyre dimensions				Radius		Rolling circum- ference + 1.5 % - 2.5 % (mm)							
	PR	Service description 6)			Max. standard value in operation ⁸⁾		new		stat. +/- 2 % (mm)									
					Width	Outer-Ø	Width	Outer-Ø										
16 Inch																		
205 R 16 C	8	110/108 S	5 ½ J 6 J 6 ½ J	43 GS 11.5	211 216 221	750	756	203 208 213	736	335	2230							
205/65 R 16 C	6	103/101 T (99H)	5 ½ J 6 J	43 GS 11.5	212 217	682	686	204 209	672	308	2036							
	8	107/105 T	6½ J	TR 600 XHP, TR 602 HP	222			214										
		107/105 T (103 T)																
		107/105 T (103 H)																
		107/105 R (103 R)																
215/65 R 16 C	4	102/100 H 102/100 T	6 J 6 ½ J 7 J	43 GS 11.5	225 230 235	698	702	216 221 226	686	313	2077							
	6	106/104 T	TR 600 XHP, TR 602 HP															
		109/107 R																
		109/107 R (106 R)																
		109/107 R (106 T)																
225/65 R 16 C	8	112/110 S 112/110 R 112 R	6 J 6 ½ J 7 J	TR 600 XHP, TR 602 HP	232 237 242	710	716	223 228 233	698	318	2115							
	235/65 R 16 C	8	115/113 R	6 ½ J	TR 600 XHP,			245				724	730	235	712	325	2155	
		10	121/119 N (118 R)	7 J 7 ½ J	TR 602 HP, 40 MS			250 255						240 245				
285/65 R 16 C		10	128 N (121 R)	8 J 8 ½ J 9 J	TR 600 XHP, TR 602 HP, 40 MS	299 304 309	790	798	287 292 297	776	351			2351				
	195/60 R 16 C		6	99/97 T 99/97 H	5 ½ J 6 J 6 ½ J	43 GS 11.5			204 209 214			650	654		196 201 206	640	297	1939
			205/60 R 16 C	6	100/98 T	6 J 6 ½ J			43 GS 11.5						217 222			
215/60 R 16 C	6	103/101 T	6 J 6 ½ J 7 J	43 GS 11.5	225 230 235	674	680	216 221 226	664	306	2012							
225/60 R 16 C	6	101/99 H 105/103 H	6 ½ J 7 J 7 ½ J	43 GS 11.5	237 242 247			686				–	228 233 238	676	311	2050		
205/55 R 16 C	6	98/96 T	6 J 6 ½ J	43 GS 11.5	217 222	642	646	209 214	632	292	1928							

See cover foldout for footnotes and page 96 * (Valves)

	PR	Load Index	Wheel position 9)	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	110 108	S T	1535 2890	1635 3085	1735 3270	1830 3455	1930 3640	2025 3820	2120 4000							S 180
	6	103 101 99	S T S	1465 2760 1455	1560 2940 1550	1655 3120	1750 3300										R 170 T 190 (H 210)
	8	107 105 103	S T S	1350 2560 1465	1440 2730 1560	1525 2900 1655	1615 3060 1750	1700 3225	1785 3385	1865 3545	1950 3700						
	4	102 100	S T	1595 3000	1700 3200												
	6	106 104	S T	1590 3010	1695 3210	1800 3405	1900 3600										R 170 T 190 H 210
	8	109 107	S T	1425 2700	1520 2880	1615 3055	1705 3230	1795 3400	1885 3570	1975 3735	2060 3900						
	8	112 110	S T	1550 2935	1655 3130	1755 3320	1855 3510	1950 3695	2050 3880	2145 4060	2240 4240						R 170
	8	115 113	S T	1680 3185	1795 3395	1905 3605	2010 3805	2120 4010	2225 4210	2330 4405	2430 4600						R 170
	10	121 119 118	S T S	1725 3235 1685	1835 3445 1800	1950 3655 1910	2060 3865 2015	2170 4070 2125	2275 4270 2230	2385 4470 2335	2490 4670 2435	2595 4865 2540	2695 5060 2640	2800 5250	2900 5440		
	10	128 121	S S	2300 2010	2455 2140	2605 2270	2750 2400	2895 2525	3040 2655	3180 2775	3325 2900	3460	3600				N 140 R 170
	6	99 97	S T	1295 2445	1380 2605	1465 2765	1550 2920										T 190 H 210
	6	100 98	S T	1240 2510	1425 2675	1515 2840	1600 3000										T 190
	6	103 101	S T	1460 2760	1560 3940	1655 3120	1750 3300										T 190
	6	101 99	S T	1550 2900	1650 3100												H 210
	6	98 96	S T	1255 2375	1340 2535	1420 2685	1500 2840										T 190

Size	Tyre		Service description (6)	Rim (7) (measuring rim bold)	TL valve (tube and valve) *	Tyre dimensions						Radius stat. +/- 2 % (mm)	Rolling circum- ference + 1.5 % - 2.5 % (mm)	
	PR					Max. standard value in operation ⁸⁾				new				
						Width Stand- ard	Outer-Ø Spec- ial	Width Stand- ard	Outer-Ø Spec- ial	Width Stand- ard	Outer-Ø Spec- ial			
17 Inch														
185/60 R 17 C	6	96/94 R	5 ½ J 6 J	43 GS 11.5	197 202	662	668	189 194	654	301	1985			
215/60 R 17 C	6	104/102 H	6 J 6 ½ J 7 J	43 GS 11.5	225 230 235	700	706	216 221 226	690	319	2091			
235/60 R 17 C	10	117/115 R	6 ½ J 7 J 7 ½ J	TR 600 XHP, TR 602 HP 40 MS	245 250 255	726	730	235 240 245	714	329	2163			
255/55 R 17 C	10	118/116 R	7 ½ J 8 J 8 ½ J	TR 600 XHP, TR 602 HP 40 MS	271 276 281	724	728	260 265 270	712	328	2157			
18 Inch														
255/55 R 18 C	8	116/114 T	7 ½ J 8 J 8 ½ J	43 GS 11.5	271 276 281	749	753	260 265 270	737	341	2233			

*) 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 ⁹⁾	Load capacity (kg) per axle at a tyre pressure (bar)														Speed Index and reference speed
		LI		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	(km/h)	
	6	96 94	S T	1190 2240	1265 2390	1345 2535	1420 2680										R 170	
	6	104 102	S T	1505 2845	1605 3030	1705 3215	1800 3400										H 210	
	10	117 115	S T	1640 3105	1750 3310	1860 3515	1965 3715	2070 3910	2170 4105	2270 4295	2370 4485	2470 4675	2570 4860				R 170	
	10	118 116	S T	1685 3195	1800 3405	1910 3615	2015 3820	2125 4020	2230 4220	2335 4420	2435 4615	2540 4810	2640 5000				R 170	
	8	116 114	S T	1730 3265	1845 3480	1955 3695	2065 3905	2175 4110	2285 4315	2390 4520	2500 4720						T 190	

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)
Passenger Car Tyres			
82 series			
125 R 12	63	300	2.4
145 R 12	73	400	2.4
155 R 12	77	455	2.4
80 series			
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
70 series			
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
235/70 R 15	103	960	2.7

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
Passenger Car Tyres			
65 series			
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
60 series			
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)
Passenger Car Tyres			
60 series (continued)			
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
55 series			
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)
Passenger Car Tyres			
55 series (continued)			
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
50 series			
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
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 XL	112	1230	3.1
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)
Passenger Car Tyres			
45 series			
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
205/45 R 16 XL	87	600	3.1
215/45 R 16	86	585	2.7
225/45 R 16	89	640	2.7
245/45 R 16	94	735	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
255/45 R 19	100	880	2.7
265/45 R 20	104	990	2.7

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
Passenger Car Tyres			
40 series			
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
245/40 R 20	95	760	2.7
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

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)
Passenger Car Tyres			
35 series			
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 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
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
255/35 R 21 XL	98	825	3.1

Tyre size	LI	Max. Load capacity (kg)	Inflation pressure (bar)
Passenger Car Tyres			
30 series			
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
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
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
285/30 R 21 XL	100	880	3.1
295/30 R 21 XL	102	935	3.1
265/30 R 22 XL	97	805	3.1
25 series			
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
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)
Passenger 4x4 tyres			
80 series			
195/80 R 15	96	780	2.6
205/80 R 16 XL	104	990	3.0
75 series			
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
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
70 series			
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
P 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)
Passenger 4x4 tyres			
65 series			
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
60 series			
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
P 225/60 R 18	99	855	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
55 series			
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 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)
Passenger 4x4 tyres			
50 series			
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
45 series			
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
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
305/45 R 22 XL	118	1450	3.1
40 series			
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
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)
Passenger 4x4 tyres			
35 series			
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
30 series			
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
25 series			
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)
Commercial-C-tyres*)				
13 Inch				
165 R 13 C	6	91	645	3.75
165/70 R 13 C	6	88	590	3.75
14 Inch				
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
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
175/65 R 14 C	6	90	630	3.75
15 Inch				
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)
Commercial-C-tyres*)				
16 Inch				
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
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
	10	121	1520	5.75
285/65 R 16 C	10	128	1890	5.25
195/60 R 16 C	6	99	815	3.75
205/60 R 16 C	6	100	840	3.75
225/60 R 16 C	6	101	865	3.25
205/55 R 16 C	6	98	790	3.75
17 Inch				
185/60 R 17 C	6	96	745	3.75
215/60 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.

Inner tube group	Tyre sizes (radial tyres)	
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**.¹⁾

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”.

¹⁾ 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.

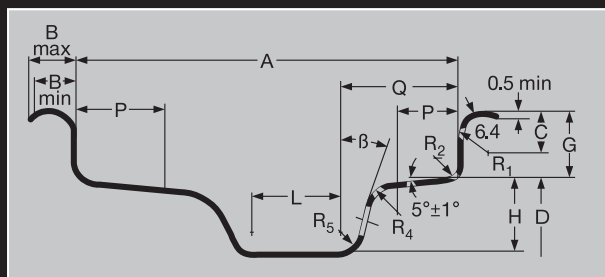
R_4 and R_5 : between 4 and 10 mm

R_5 : not larger than 10 mm

Valve Hole- $\varnothing$:

11.5 mm ($11.3_{-0}^{+0.4}$) centrally in the side of the rim well.

16.0 mm ($15.7_{-0}^{+0.4}$) only with $\varnothing$ -Code 15.



Rim Contour	Dimensions (mm)																
	A	B	G Min	P Max 1)	H ± 0.6	L Min	Q Min 2)	R ₁ Min	R ₂ 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			13°					
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	17.3	22	45	9.5	6.5	20°						
3 J	76											13	16	28	10°		
3 1/2 J	89											15	19	34	20°		
4 J	101.5											19.5		22		45	
4 1/2 J	114.5																
5 J	127																
5 1/2 J	139.5																
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																
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																
12 J	305																
12 1/2 J	317.5																

¹⁾ B max. values may be exceeded on rims for light commercial vehicles

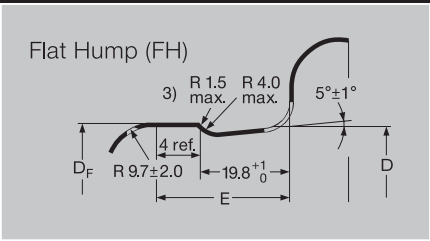
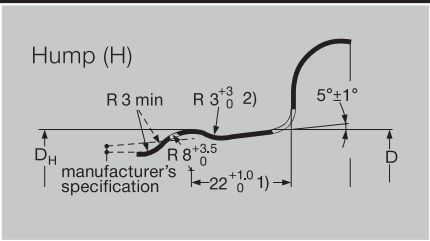
²⁾ Minimum dimensions for well depth (H) and well angle are required for tyre mounting

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

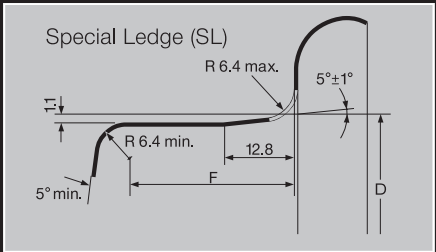
In many countries safety rims must be used for tubeless radial tyres.



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

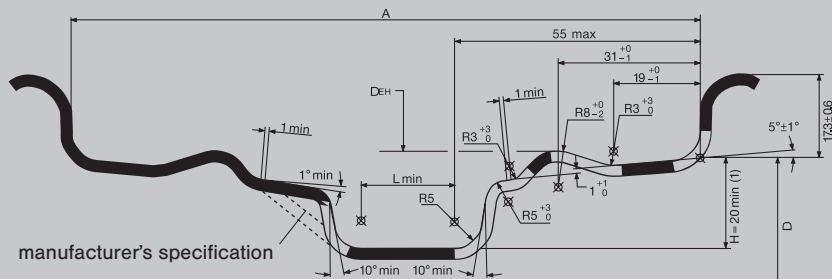
These **full-drop centre rims with safety shoulders** for cars, estate cars and light trucks are marked with the following codes shown after rim size designation:

- 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)



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	

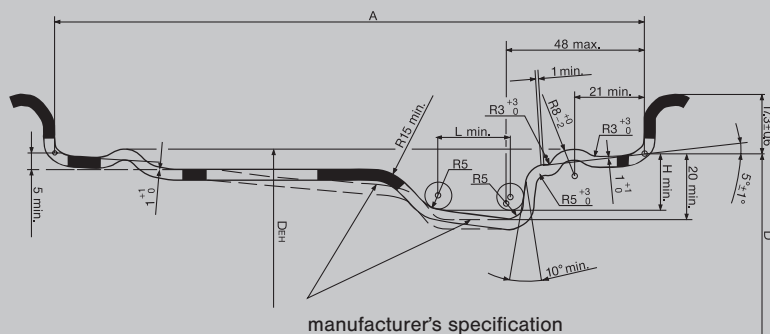
Extended Hump – with extended hump on both sides (EH2)



This contour is valid for rim sizes from 5½ J up to 13½ J

(1): $H \geq 22$ 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 38) 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^{*)}.

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 40–58, 59–71 and 88–96 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.

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^{*)}. This maximum tyre speed must not be exceeded.

^{*)} Exception: This does not apply to the UK.

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^{*)} 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.

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 38). Detailed mounting instructions for SSR runflat tyres under 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 39](#) and 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 1/2 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.conticomfortkit-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.

^{*)} Exception: In Austria, passenger car winter tyres with less than 4 mm remaining tread depth are no longer legally considered to be winter 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	265
63	230	235	245	255	265	272
64	235	245	255	260	270	280
65	245	250	260	270	280	290
66	250	260	270	280	290	300
67	255	265	275	285	295	307
68	265	275	285	295	305	315
69	270	285	295	305	315	325
70	280	290	300	315	325	335
71	290	300	310	325	335	345
72	295	310	320	330	345	355
73	305	315	330	340	355	365
74	315	325	340	350	365	375
75	325	335	350	360	375	387
76	335	350	360	375	385	400
77	345	360	370	385	400	412
78	355	370	385	400	410	425
79	365	380	395	410	425	437

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
80	375	390	405	420	435	450
81	385	400	415	430	445	462
82	395	415	430	445	460	475
83	405	425	440	455	470	487
84	420	435	450	470	485	500
85	430	450	465	480	500	515
86	445	460	480	495	515	530
87	455	475	490	510	525	545
88	470	485	505	525	540	560
89	485	505	525	545	560	580
90	500	520	540	560	580	600
91	515	535	555	575	595	615
92	525	550	570	590	610	630
93	545	565	585	610	630	650
94	560	585	605	625	650	670
95	575	600	625	645	670	690
96	595	620	640	665	685	710
97	610	635	660	685	705	730
98	625	650	675	700	725	750
99	650	675	700	725	750	775
100	670	695	720	750	775	800
101	690	720	745	770	800	825
102	710	740	765	795	825	850
103	730	760	790	820	845	875
104	755	785	815	840	870	900
105	775	805	835	865	895	925
106	795	825	860	890	920	950
107	815	850	880	910	945	975
108	835	870	905	935	970	1000
109	860	895	930	965	995	1030
110	885	920	955	990	1025	1060
111	910	950	985	1020	1055	1090
112	935	975	1010	1050	1085	1120
113	960	1000	1040	1075	1115	1150
114	985	1025	1065	1105	1140	1180
115	1015	1055	1095	1135	1175	1215

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

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 ¹⁾
 (taken from the ETRTO Standards Manual)

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

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

²⁾ 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 47](#) 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°:

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

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 **twin 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 type-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.

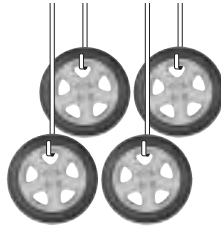
After dismounting from a vehicle the tyres should be thoroughly cleaned and inspected for damage. Remove all stones and debris from the grooves. Chalk marking the tyres with their wheel positions (FL for Front Left, RR for Rear Right, etc.) will help to find the correct positions according to the rotational 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 (95 F), preferable below 25° C (77 F). 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 ultra-violet 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.

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 preferable 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.
- 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.
- 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

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 previous¹⁾ 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.

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.

¹⁾ Production code of tyres [see page 5](#)

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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TD C 04/2010 0130 1591

- A** Ageing 124, 126
Aquaplaning 126
- C** Choice of tyre 110
ContiComfortKit (tyre emergency set) 77, 111
ContiSeal 10, 15, 20, 39, 111, 123
CST (ContiSpareTyre) 72–76
- D** Dimensions 7
DIN 2
Directional tyres 113, 120
DOT 2, 5
- E** ECE 2, 5
ETRTO 2, 117, 119
EU 2, 5
- F** Fitting lubricant 112
Fitting pressure 112
Fuel consumption 116
- H** H-rated tyres 6, 112, 116, 117, 118
Higher grade tyres 110
- I** Increasing tyre pressure 119
Inflation pressure/tyre pressure 2, 7, 111–117, 119, 126
ISO 2, 7
- L** Load 7, 40–58, 59–71, 73–75, 88–97, capacity 98–104, 113–115, 117–119
Load 7, 40–58, 59–71, 73–75, Index 88–97, 113–115, 117
- M** Max. inflation pressure 116
Max. speed 5, 6, 111, 117–119
Measuring rim 40–58, 59–71, 73–75, 88–97, 110
Min. (tyre) pressure 116
Min. tread depth 125
Mixed tyre fitments 110
- N** New tyres 2, 112
- O** Offset depth 106
Operating conditions 2
Operating instructions 110–125
Operating measurements 7, 40–58, 59–71, 73–75, 88–97
Operating pressure 112
Outer diameter 7, 40–58, 59–71, 73–75, 88–97
Overstressing 119
Overloading 119
- P** Production code 5
- R** Regrooving 124
Reinforced 5, 115
Replacing 82-series by 80 110
Rims/Wheels 106–109, 110, 111
Rim codes 108
Rim dimensions 107–109
Rim width 40–58, 59–71, 73–75, 88–97
Rolling circumference 7, 40–58, 59–71, 73–75, 88–97
Rolling resistance 116
Runflat 2, 5, 10, 12, 15, 18, 22, 29, tyres SSR 33, 37, 38, 110, 111, 112

- S** Safety warning 2, 110, 111, 113, 123
 Service 6, 40–58, 59–71, description 73–75, 88–97
 Service life 2, 124
 Sidewall marking 4, 5
 Size ranges
 Car tyres 8–28
 Car 4 x 4 tyres 29–37
 Van tyres 78–87
 Spare tyre 6, 72–75, 123
 Speed 2, 6, 110, 117, 119, 126
 Speed Index (SI) 6
 SSR runflat 2, 5, 10, 12, 15, 18, 22, tyres 29, 33, 37, 38, 110, 111, 112
 Static 7, 40–58, 59–71, 73–75, radius 88–97
 Storage 121
 Style of driving 119
 Summer tyres 8–19, 125
- T** Technical 40–58, 59–71, 73–75, data 88–97
 Trailers, car-drawn 98–104
 Tread depth 5, 111, 125
 Tubes 5, 105
 Tubeless 5
 TWI (Tread Wear Indicators) 5
 Twin fitment 119
 Tyre ageing 124, 126
 Tyre damages 119, 123, 126
 Tyre emergency set
 ContiComfortKit 77, 111
 Tyre fitting 111–113
 Tyre markings 5
 Tyre pressure / inflation pressure 2, 7, 111–117, 119, 126
 Tyre repairs 123
 Tyre service life 2, 124
 Tyre strain 119
 Tyre 7, 40–58, 59–71, 73–75, width 88–97, 110
- U** Under-inflation 106, 116, 119
 Units of measurements 7
- V** V-rated tyres 6, 112, 116, 117, 118
 Valve caps 112
 Valve support 112
 Van tyres 78–97
 Vibrations 119
- W** W-rated tyres 6, 112, 116, 117, 118
 Wheel camber 118
 Wheel caps/trim rings 112
 Wheel disc 106
 Wheels/rims 106–109, 110, 111
 Winter 5, 20–28, 36–37, 85–87, tyres 110, 125
- X** XL (Extra Load) 5, 115
- Y** Y-rated tyres 6, 112, 116, 117, 118
- Z** ZR-rated tyres 6, 112, 116, 117, 118

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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
SSR	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. 113 ff.

For further details, please refer to the size ranges.