

Technical data and air pressure recommendations

Tire size	Operating code					EU tire label				Rim		Tire dimensions					Load capacity (kg) per axle at tire pressure ⁶⁾ (bar) (psi)						
	Pattern	LI/SI ¹⁾	PR	M+S	Speed Index and reference speed (km/h)	TT/TL ²⁾	D	B	C	Rim-width	Min. distance between rim centers	Max. standard value in service		Actual value		Stat. radius	Rolling circumference	Tire fitment	LI ³⁾	7.5 (109)	8.0 (116)	8.5 (123)	9.0 (131)
												Width	Outer-Ø	Width +1%	Outer-Ø ±1%								
385/65 R 22.5	HTC 1 ED	160/-K	20	M+S	K 110	TL	D	B	73	11.75 12.25	360	405 410	1092	389 394	1072	495	3267	160	S	7775	8190	8595	9000
315/80 R 22.5	HSC 1 ED	156/150 K		M+S	K 110	TL	E	C	73	9.00 9.75	351 360	318 326	1096	312 320	1076	500	3280	156 150	S D	6910 12120	7280 12765	7640 13400	8000
	HDC 1 ED	156/150 K		M+S	K 110	TL	E	C	74														
12 R 22.5	HSC 1 ED	152/148 K		M+S	K 110	TL	D	C	73	8.25 9.00	329 338	304 312	1104	292 300	1084	504	3306	152 148	S D	6420 11395	6760 12000	7100 12600	
	HDC 1 ED	152/148 K		M+S	K 110	TL	E	C	74														
13 R 22.5	HSC 1 ED	156/150 G (154/150 K)	18	M+S	G 90 (K 110)	TL	D	C	73	9.00 9.75	351 360	318 326	1146	312 320	1124	521	3428	156 154 150	S S D	6910 6785 12120	7280 7140 12765	7640 7500 13400	8000
	HDC 1 ED	156/150 G (154/150 K)	18	M+S	G 90 (K 110)	TL	E	C	74														

Data acc. to DIN 7805/4, WdK-Guidelines 134/2, 142/2, 143/14, 143/25

1) Load index single/dual wheel fitment and speed symbol

2) TT = Tube Type, TL = Tubeless

3) Fuel efficiency

4) Wet grip

5) External rolling noise (db)

6) For tire pressures of 8.0 bar (116 psi) or greater, use valve slit cover plate

Continental
The Future in Motion

Construction



More strength. More volume. More value.
The Construction tire line.

HSC 1 ED / HDC 1 ED / HTC 1 ED

Durability, high mileage, long service life, reliability. More features that now take you even further. Developed for mixed applications, these tires set new benchmarks in terms of tread pattern, compound and design. All in all, this means increased resistance to the extreme demands made by construction sites, plus enhanced economy of your vehicles.



HSC 1 ED

HDC 1 ED

HTC 1 ED

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Continental
The Future in Motion



HSC 1 ED / HDC 1 ED / HTC 1 ED

Extreme challenges call for extreme durability.



HSC 1 ED / HDC 1 ED / HTC 1 ED

By focusing on a specific goal, progress is made by consistently surpassing previous achievements. Here our aim is the same as yours - the ideal tire, both in terms of function and economy. The way to achieve this is via the highly successful Construction range, which has undergone further improvements. And here is how we have met the challenge.



HSC 1 ED

› A 3- and 4-groove tread pattern for enhanced precision in both on- and off-road applications



HDC 1 ED

› Advanced tread pattern developed for further improved traction



HTC 1 ED

› Robust casing with an improved tread durability to provide a lifetime reliability

Further technical features

› Bead reinforcement: extended steel cord chafer additionally protected via nylon layers

› Sidewall reinforcement: thicker sidewall for better impact protection

Product highlights

The tread area



The toughness of the new on-/off-road compound:

- › means increased resistance to cuts, chipping and chunking
- › reduces the number, and most importantly the depth of any cuts and tears
- › improves protection of the casing by keeping damage superficial
- › results in substantially higher removal mileage, thanks to its great durability

The belt layer



The four-ply belt with a reinforced second and third belt ply:

- › withstands highly concentrated pressure
- › prevents fatigue fractures
- › means enhanced traction characteristics through the stiffness of the overall structure
- › protects the casing effectively and offers best retreadability in connection with highly durable steel cord bead

The tread patterns



Greater depth, more volume and an optimized design:

- › result in considerably higher mileage with even wear
- › ensure reliable grip and good handling both on and off the road
- › improve the tire's self-cleaning characteristics and reduce stone-trapping (casing protection)
- › combine high mileage with significant traction and optimum road suitability, whatever the weather conditions

The contour

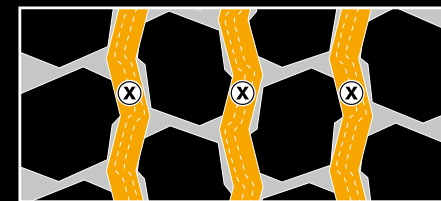
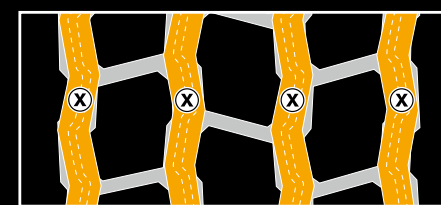


The contour with its steeper sidewalls is dimensionally more stable and:

- › provides greater resistance to deformation caused by radial forces
- › minimizes compression of the sidewalls, even with heavier loads
- › counteracts premature material fatigue
- › means greater load-carrying capacity and improved retreadability

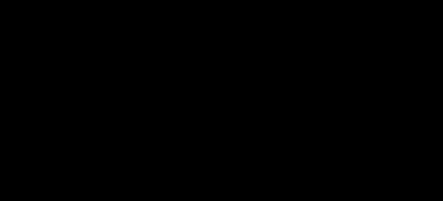
Regrooving recommendations

HSC 1 ED



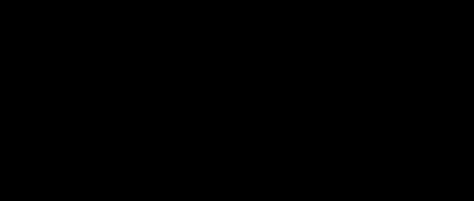
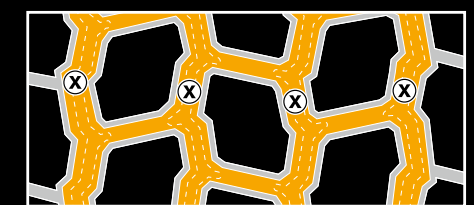
Size	Depth (mm)	Width (mm)
315/80 R 22.5	3.0	12
12 R 22.5	3.5	12
13 R 22.5	3.5	12

HDC 1 ED



Size	Depth (mm)	Width (mm)
315/80 R 22.5	3.5	A:12 B:7
12 R 22.5	3.5	A:12 B:7
13 R 22.5	3.5	A:12 B:7

HTC 1 ED



Size	Depth (mm)	Width (mm)
385/65 R 22.5	3.5	A:10 B:7