

**TOGETHER STRONGER**

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**TRUCK & BUS RADIAL TYRE**



# 「WARRIOR BRAND CATALOGUE」

# 「INTRODUCTION」

Devoted to becoming one of the most professional suppliers of tyre products and services

In the 1920s – The Shanghai Great China Rubber Factory and Shanghai Zhengtai Rubber Factory, the earliest tire manufacturers in China, established the "Shanghai Tire & Rubber (Group) Company ", and the name was changed in 2017 to "Double Coin Tire Group Ltd ". The company's entrepreneurs established China's rubber industry national brands "Double Coin" and "Warrior" in 1929 and 1935 respectively. They combined imported technology with independent innovation, developed and manufactured many firsts in China's tire industry, cultivated and Promoted the development of China's tire industry.

The company's main products are all-steel radial truck tires, all-steel radial light truck tires, all-steel radial off-the-road tires, all-steel radial industrial tires, agricultural radial tires, radial passenger tires, bias truck tires, Bias light truck tires, bias industrial tires, etc. The company enjoys self-support import and export rights, and its products are sold to more than 100 countries and regions abroad. The domestic market covers all provinces, cities and autonomous regions. It also supplies products for more than 30 automobile manufacturers such as CIMC, Zhengzhou Yutong, Xiamen Jinlong, and Volvo, and entered the European and American original tire market, matched with trucks, school buses, and construction machinery vehicles of famous auto manufacturers such as SCHMITZ CARGO, Caterpillar, Autocar, UTILITY TRAILER, and entered the European and American mainstream markets represented by famous logistics companies such as JBHUNT.

Devoted to becoming one of the most professional suppliers of the products and services.

# 「CONTENTS」






















































Long Haul	05
Regional	11
On/Off Road	32
Mining/Off Road	38
Winter	39

# 「TRUCK APPLICATION」

Road Working condition		Long Haul		Winter	
Light Truck	Steering	 WS102		 WSS02	
	All Position	 WS309A			
Heavy Duty Truck	Steering	  WS102 WS206			
	Trailer	    WS102 WS206 WR220 WR330			
	All Position	     WS309A WS303 WS270 WS288 WS300			
Road Working condition		Regional			
Light Truck	Drive	  WD406 WD408			
	All Position	  WD595 WS256			
Heavy Duty Truck	Steering	     WS201 WS206 WS210 WS403 WS309A			



# 「TRUCK APPLICATION」

Heavy Duty Truck	Drive	     WD206 WD216 WD217 WD266 WD226      WD406 WD408 WD409 WD418 WS403	
	Trailer	      WS201 WS206 WS208 WS210 WS320 WT100	
	All Position	      WS401 WS403 WS200 WS227 WS228 WS230        WS233 WS239A WS258 WS290 WS306 WS309A WS301	
Road Working condition		On/Off Road 	Mining 
Light Truck	Drive	 WD417	
	All Position	  WD596 WS405	
Heavy Duty Truck	Drive	      WD407 WD466 WD477H WD605 WD615 WD999	
	Trailer	       WD407 WD417 WD466 WD477H WD605 WD615 WD999	
	All Position	   WD510 WS237 WS405	   WD979 WD989 WD993

# 「LONG HAUL」



## WR220

Trailer Axle

- High saturation in pattern design and better wear-resistant fomular in the top layer provide excellent abrasion-resistance.
- Optimized crown contour design providebetter grounding pressure distribution, reduces uneven abrasion and improves eccentric abrasion resistance.
- New designed structure with less weight and more strength, reduced the total weight of vehicle and also the oil consumption.
- Low heat compound improves high-speed durability and reduces crown failure rate.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	12PR**	143/141	L	1080	300	14.5	210	9.00
12R22.5	18PR	152/149	L	1080	300	14.5	210	9.00



## WR330

Trailer Axle

- Four grooves design and transverse steel sheets provide great traction and superior anti-skid resistance.
- High-abrasive tread compound and rational ratio of blocks and grooves provide excellent abrasion-resistance.
- Stone-removal design protect the tread foundation and prolong the life service of tyre.
- High strength carcass effectively resists external impact and improves loading capacity.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	12PR**	143/141	M	1074	292	14	222	9.00
12R22.5	18PR	152/149	L	1074	292	14	222	9.00

# 「LONG HAUL」



- Four grooves design promotes steering and draining under high speed; Transverse steel sheets provide great traction and superior anti-skid resistance.
- High-abrasive tread compound promotes longer mileage and widened shoulder reduces tyre abrasion.
- Wide belt package better stabilizes the tread and builds up resistance against accidental puncture.

## WS102 Steer Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.00R16LT	14PR	118/114	L	771	200	12	160	5.50F
7.50R20	14PR	130/128	L	937	210	14.5	170	6.00
8.25R20	14PR	136/134	L	975	235	14.5	170	6.50
11R22.5	16PR	148/145	M	1053	282	16.5	202	8.25
13R22.5	18PR	154/151	K	1117	318	16.5	240	9.75
295/60R22.5	18PR	150/147	L	921	286	16.5	241	9.00
295/80R22.5	18PR	152/149	M	1055	304	16.5	233	9.00
315/80R22.5	18PR	156/152	M	1085	318	16.5	261	9.00
315/80R22.5	20PR	157/154	L	1085	318	16.5	261	9.00

# 「LONG HAUL」



- Wider tread arc width provides longer driving mileage.
- Optimized crown design improves grounding uniformity and reduce irregular wear.
- Two-layer tread design for better wear resistance in the top layer and slower heat generation in the bottom layer comprehensively increases mileage.
- Stone removal design protects the carcass.

## WS206 Steer Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
215/75R17.5	16PR	127/124	M	772	216	13	172	6.00
215/75R17.5	16PR (trailer position) (LRH)	135/133	J	772	216	13	172	6.00
235/75R17.5	16PR* (trailer position) (LRH)	132/130	M FRT	802	232	13	188	6.75
245/70R19.5	16PR(LRH)	136/134	M	844	246	14.5	191	7.50
245/70R19.5	16PR (trailer position) (LRH)	141/140	K	844	246	14.5	191	7.50
235/75R17.5	16PR* (trailer position)	132/130	M	802	232	13	188	6.75



# 「LONG HAUL」



- New sidewall appearance design highlighted the using road condition and vehicle information.
- New wear-resistance formula further improves abrasion-resistance and prolong tyre service life.
- Nylon reinforcement at bead toe can prolong the service life of tire and improve the loading capacity.

## WS270

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1083	297	16.5	230	9.00
295/80R22.5	18PR	152/149	M	1042	292	14.8	228	9.00
315/80R22.5	18PR	156/152	L	1083	302	16.5	230	9.00



- New wear-resistant and low heat generation formula.
- Finite element optimization contour design.
- New upgrade appearance.
- S-shaped stone-removal design.

## WS288

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1081	301	17	242	9.00

# 「LONG HAUL」



- The special design of three continuous main grooves and four auxiliary tiny grooves provides excellent water-removal and traction.
- Special tread compound and ratio of groove and block design render outstanding wear resistance.
- Low-heat formula reduces tyre heat generation.
- Center rib stone platform ejectors preserve casing integrity.

## WS300

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
9R22.5	14PR	136/134	L	974	230	13.5	161	6.75



- Tread with main and auxiliary grooves provides excellent water-removal and traction.
- Special tread compound and ratio of groove and block design renders outstanding wear resistance.
- Specific low heat formula reduces tyre heat generation at high speed.

## WS303

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
10R22.5	14PR	141/139	M	1022	254	15	176	7.50

# 「LONG HAUL」



## WS309A

All Position

- The upper layer enhances wear resistance and lower layer provides heat dissipating, which makes the produces suitable for mountainous areas.
- Multiple transverse tiny grooves are designed to provide excellent grip and handling performance for wet and slippery roads in mountainous areas.
- High saturation patterns and optimized crown design improve wear resistance and reduce irregular wear.
- The three longitudinal pattern with stone-removal structure reduces stone inclusion and protect the carcass.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.00R16LT	14PR	118/114	L	775	200	14	166	5.50F
9R22.5	14PR	136/134	K	974	230	14.5	188	6.75
10R22.5	16PR	144/142	L	1023	254	16	192	7.50



## WD206

Drive Axle

- Wide transverse pattern and grooves design enhances driving performance and wet skid resistance.
- Large ratio of groove and block design promotes tyre abrasion-resistance.
- Open shoulder structure and special tread compound facilitate tyre heat radiating.
- Wider tread arc width improves the contact pressure of tyre.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	16PR	150/147	L	1092	303	23.5	260	9.00



# 「REGIONAL」



- Optimized contour design provides improves tread resistance against eccentric wear , gains longer mileage.
- More reasonable design of tread cap improves the contact pressure of tyre , controllability and fuel saving.
- Optimized ratio of groove and block design promotes tyre abrasion-resistance. Wide transverse pattern and grooves design enhances driving performance and wet skid resistance.

## WD216

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1084	298	19	234	9.00
295/80R22.5	18PR	152/149	M	1049	292	19	228	9.00
315/80R22.5	20PR	157/154	L	1084	302	19	234	9.00



- Wide transverse pattern and grooves design enhances driving performance and wet skid resistance.
- Optimized ratio of groove and block design promotes tyre abrasion-resistance.
- Open shoulder structure and special tread compound facilitate tyre heat radiating.
- Wider tread arc width improves the contact pressure of tyre.

## WD217

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
315/80R22.5	18PR	156/152	L	1098	315	23	260	9.00
13R22.5	18PR★	154/151	J	1121	318	19	250	9.75



# 「REGIONAL」



**WD226**

Drive Axle

- New strip driving pattern, with optimized pattern block layout, reduce tire rolling resistance.
- The size and angle of the pattern block in the shoulder is optimized, strengthened connecting ribs in tyre shoulder effectively prevent irregular wear.
- Excellent traction and outstanding abrasion-resistance.
- The belt layer and carcass adopt new structure super strong steel wire to improve the strength and toughness of carcass and tyre crown.
- In the later stage of the pattern, it can be used as steer-trailer axle, with one tire for two purposes.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1092	296	21	235	9.00



**WD266**

Drive Axle

- High saturation of pattern design increase the tread arc width, provides longer service life.
- The size and angle of the pattern block in the shoulder and middle is optimized, strengthened connecting ribs in tyre shoulder effectively prevent irregular wear.
- Optimized crown radian design effectively prevents eccentric wear.
- Reinforced carcass with new designed tread formula prevents damage and increase the the possibility of retread.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
11R22.5	16PR(LRH)	148/145	L	1063	281	22.5	222	8.25

# 「REGIONAL」



- Adaptable block pattern provides strong traction.
- High-abrasive tread compound improves tyre service life.
- High-strength carcass promotes tyre load-carrying capacity.

## WD406

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	14PR	126/122	J	867	232	15	168	6.50H
8.25R16LT	16PR	128/124	J	867	232	15	168	6.50H
8.25R20	14PR	136/134	J	975	235	15	169	6.50
9.00R20	16PR	144/142	J	1024	254	17	194	7.00
12R22.5	18PR	152/149	K	1093	300	18.5	232	9.00
11R22.5	16PR	148/145	M	1057	276	21	212	8.25

# 「REGIONAL」



- Special block pattern and open shoulder for improved traction and handling in wet conditions.
- Special tread compound and stone-removal construction resists cut and puncture.
- Optimized tread design promotes even pressure; open shoulder design beneficial to heat dissipating and wear resistance.
- High-strength carcass effectively cushions against external shock and enhances load-carrying capacity.
- Excellent traction.
- Outstanding abrasion-resistance.
- Superior load-carrying capacity.

**WD408**

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	14PR	126/122	K	871	232	17	170	6.50H
8.25R16LT	16PR	128/124	J	871	232	17	170	6.50H
8.25R20	14PR	136/134	L	978	235	17	161	6.5
7.50R16LT	14PR	122/118	J	811	210	14	143	6.00G

# 「REGIONAL」



- Adaptable block pattern provides strong traction on different roads.
- Full-depth siping with special compound provides excellent performance throughout the life of the tread.
- Dedicated formula system against gnawing and puncture.
- High-strength carcass promotes tyre load-carrying capacity.

WD409

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
9.00R20	16PR	144/142	L	1031	261	20.5	197	7.0



- Wide transverse pattern provides strong traction.
- Deep tread design combined with wear-proof formula extends service life.
- Rubber formula combined anti-friction and low heat offers longer mileage.
- High-strength carcass improves load-carrying capacity.

WD418

Drive Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
13R22.5	18PR★	154/151	K	1123	321	20	250	9.75



# 「REGIONAL」



## WD595

All Position

- Strengthened design in crown and shoulder, thickened design in bead and sidewall, reinforced design for carcass improve the overall strength of the tyre.
- Mixed block design, widen design for driving surface give stronger adaptability.
- Better grip and driving performance.
- Better heat dissipation performance.
- Increased strength performance in tyre bead.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	18PR	132/128	J	870	232	17	184	6.50H



## WS200

All Position

- Special tread compound and optimized ratio of groove and block design promotes outstanding abrasion-resistance.
- Wider tread improves tyre pressure.
- New pattern design with strip curved grooves meet steering needs; tiny transverse steel sheets improve adaptability in different wheel positions.
- Special stone-removal construction effectively protects tread base to increase service life.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	M	1080	304	16.5	244	9.00
11.00R20	18PR	152/149	L	1088	292	16.5	218	8.00

# 「REGIONAL」



- Special tread compound with ratio of groove and block design render outstanding wear resistance.
- Circumferential tiny and deep grooves on the shoulder reduce irregular wear at high speed.
- Special shoulder design and low heat formula improves tyre heat dissipation.

## WS201 Steer Axle/Trailer Axle |||

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	M	1086	300	15.5	223	9.00
11R22.5	16PR	148/145	M	1051	282	15	200	8.25

# 「REGIONAL」



- Wider tread arc width provides longer driving mileage.
- Optimized crown design improves grounding uniformity and reduce irregular wear.
- Two-layer tread design for better wear resistance in the top layer and slower heat generation in the bottom layer comprehensively increases mileage.
- Stone removal design protects the carcass.

## WS206 Steer Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
215/75R17.5	16PR	127/124	M	772	216	13	172	6.00
215/75R17.5	16PR (trailer position) (LRH)	135/133	J	772	216	13	172	6.00
235/75R17.5	16PR* (trailer position) (LRH)	132/130	M FRT	802	232	13	188	6.75
245/70R19.5	16PR(LRH)	136/134	M	844	246	14.5	191	7.50
245/70R19.5	16PR (trailer position) (LRH)	141/140	K	844	246	14.5	191	7.50
235/75R17.5	16PR* (trailer position)	132/130	M	802	232	13	188	6.75

# 「REGIONAL」



- Special designed tread compound and reasonable ratio of grooves and blocks promotes tyre abrasion-resistance.
- Optimized crown design improves grounding uniformity and reduce irregular wear.
- The special design of four zigzag grooves and transverse tiny grooves provide excellent water-removal and traction.
- Strong carcass material and special compound improve the strength and flexibility of the carcass, and also prolong the service life of the tire.

WS208

Trailer Axle

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TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
425/65R22.5	20PR(LRL)	165	K	1129	420	16	324	13.00



# 「REGIONAL」



- Two-layer tread design for better wear resistance in the top layer and slower heat generation in the bottom layer comprehensively increases mileage.
- Optimum ratio of tread improves tread resistance against eccentric wear.
- Unique center design effectively reduces irregular wear.
- Stone-removal construction effectively protects tread base and extends service life.
- Optimized tread angle for balanced driving and stability to ensure safe handling.

## WS210 Steer Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1082	297	15.5	228	9.00
225/70R19.5	14PR(LRG)	128/126	M	819	217	13	172	6.75
245/70R19.5	16PR(LRH)	136/134	M	843	245	14.5	192	7.50
245/70R19.5	16PR (trailer position) (LRH)	141/140	K	843	245	14.5	192	7.50
265/70R19.5	14PR(LRG)	137/134	M	873	255	14.5	214	7.50
265/70R19.5	16PR (trailer position) (LRH)	143/141	K	873	255	14.5	214	7.50
265/70R19.5	16PR+(LRH)	140/138	M	873	255	14.5	214	7.50
11R22.5	16PR(LRH)	148/145	L	1048	279	14.5	202	8.25
9R22.5	14PR	136/134	L	974	230	14.5	180	6.75

# 「REGIONAL」



- New sidewall appearance design highlighted the using road condition and vehicle information.
- New wear-resistance formula further improves abrasion-resistance and prolong tyre service life.
- Nylon reinforcement at bead toe can prolong the service life of tire and improve the loading capacity.

## WS227

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1083	297	16.5	230	9.00



- High saturation of pattern design increase the tread arc width, provides longer service life.
- Closed shoulder design avoids abnormal wear .
- Low heat tread compound improves crown durability.
- Special pattern design provides excellent drainage performance, both dry and wetland grip performance, which meets the different wheel positions needs at the same time.

## WS228

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1081	297	17.5	236	9.00

# 「REGIONAL」



- Deep grooves on wider tread provide superior wear resistance.
- Tread and transverse pattern on shoulder offers excellent wheel adaptability.
- Optimized block design improves tyre resistance against side wear.
- Great sidewall wear resistance.

## WS230

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
11.00R20	18PR★	152/149	K	1084	292	15.5	237	8.00
12.00R20	18PR★	154/151	L	1123	305	15.5	244	8.50

# 「REGIONAL」



- Superior load-carrying capacity.
- Better abrasion-resistance performance.
- Longer driving distance.
- Enhanced bead and tearing-resistant bead filler promotes loading performance and operation efficiency.
- Low heat formula with half-open shoulder reduces error rate and increases safety performance.
- Finite element optimization tire crown design for improving homogeneity of contract, service life and operation efficiency.

## WS233

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
10.00R20	18PR★	149/146	J	1056	279	16	223	7.50
12R22.5	18PR	152/149	L	1091	295	17.5	236	9.00
11.00R20	18PR★	152/149	K	1085	292	17.5	225	8.00
12.00R20	18PR★	154/151	K	1127	314	17.5	230	8.50
11R22.5	16PR(LRH)	148/145	L	1055	281	17.5	210	8.25
295/80R22.5	18PR	152/149	M	1058	308	17.5	230	9.00
13R22.5	18PR★	154/151	K	1126	310	17.5	240	9.75



# 「REGIONAL」



## WS239A

All Position

- The reinforced bead structure and tear resistant rubber formula to improve tire overloading.
- Low heat compound improve durability at high speed and reduce crown failure rate.
- High saturation of pattern design increase the tread arc width, provides longer service life.
- Full-depth grooves and high-abrasive carbon black used on tire tread provide long serving life, extend changing period and reduce operating cost.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1093	295	18	236	9.00



## WS256

All Position

- The new straight strip and zigzag groove combination design has good grip and fuel saving.
- Stone-removal design greatly improve the anti-puncture performance.
- Carcass material and strengthened crown design improve loading capacity.
- Tubeless design makes the tire more economical and practical.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	18PR	132/128	L	864	232	14	180	6.50H
7.50R16LT	14PR	122/118	L	805	211	12.5	164	6.00G

# 「REGIONAL」



## WS258

All Position

- High wear-resistance formula for upper layer tread, combined with high saturation design, provide excellent wear resistance performance.
- Optimized crown contour design provide better grounding pressure distribution, reduces uneven abrasion and improves eccentric abrasion resistance.
- Adoption of new high strength carcass material and reinforced bead design improve loading capacity.
- Low heat compound improve durability at high speed and reduce crown failure rate.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1083	301	17	244	9.00



## WS290

All Position

- Special pattern blocks and open shoulder design provide improved traction and handling in wet conditions.
- Special tread compound and stone-removal construction promotes resistance against cuts and punctures.
- Optimized tread design promotes even pressure; open shoulder design beneficial to heat dissipating and wear resistance.
- High-strength carcass effectively cushions against external shock and enhances load-carrying capacity.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
13R22.5	18PR	154/151	K	1127	321	18	250	9.75

# 「REGIONAL」



## WS301

All Position

- Stable shoulder design resists irregular wear.
- Special tread compound and ratio of groove and block design renders outstanding wear resistance.
- Low heat formula reduces heat generation.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.50R20	14PR	130/128	L	933	210	12.5	146	6.00
8R22.5	14PR	130/128	L	936	210	12.5	148	6.00



## WS306

All Position

- Special pattern design effectively reduces noise and provides strong traction and wet skid resistance.
- Thicken sidewall can effectively reduce the scratch and damage and also the pricking of sharp objects.
- Optimized compound improve the wear resistance and heat dissipating in mounting areas.
- Optimized design of belt layer enhances rigidity and improved handling stability.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
275/70R22.5	18PR	152/148	J	972	283	19	230	8.25

# 「REGIONAL」



**WS309A** All Position

- The upper layer enhances wear resistance and lower layer provides heat dissipating, which makes the produces suitable for mountainous areas.
  - Multiple transverse tiny grooves are designed to provide excellent grip and handling performance for wet and slippery roads in mountainous areas.
  - High saturation patterns and optimized crown design improve wear resistance and reduce irregular wear.
- The three longitudinal pattern with stone-removal structure reduces stone inclusion and protect the carcass.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.00R16LT	14PR	118/114	L	775	200	14	166	5.50F
9R22.5	14PR	136/134	K	974	230	14.5	188	6.75
10R22.5	16PR	144/142	L	1023	254	16	192	7.50



# 「REGIONAL」



- Four grooves and tiny transverse grooves at the edge of pattern block provide excellent water-removal and traction.
- High-performance tread compound promotes wear resistance; special rib design reduces stone pinching and crown damage and longer mileage.
- Low-heat formula reduces tyre heat generation.
- Excellent traction in wet and dry conditions.

## WS320

### Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R15TR	18PR	143/141	J	844	230	13	160	6.5
245/70R17.5	18PR	143/141	J	790	246	14	198	7.50
275/70R22.5	16PR(LRH)	144/141	M	960	268	13	207	8.25

# 「REGIONAL」



- Specific tread compound increases wear resistance.
- Longitudinal curved groove meets steering needs; open shoulder design provides better traction.
- Open shoulder construction improves tyre heat dissipation.

WS401

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
9.00R20	16PR	144/142	K	1021	252	16.5	186	7.00
10.00R20	18PR	149/146	J	1055	277	16.5	212	7.50
11.00R20	18PR	152/149	K	1090	292	17.5	216	8.00
12.00R20	18PR	154/151	K	1130	296	17.5	228	8.50

# 「REGIONAL」



- Specific tread compound increases wear resistance.
- Longitudinal curved groove meets steering needs; open shoulder design provides better traction.
- Open shoulder construction improves tyre heat dissipation.

## WS403

All Position

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	16PR	128/124	J	867	232	15	168	6.50H
8.25R20	14PR	136/134	K	975	235	15	164	6.50
7.50R20	14PR	130/128	L	937	210	15	160	6.00



- Outstanding resistance to uneven wear.
- Long mileage.
- The width of tread running surface and the density of pattern are increased to promote driving distance and operation efficiency.
- Finite element optimization tire crown design and rugged shoulder pattern reduce uneven wear and prolong service life.
- Complex angle design of grooves protects carcass, avoids stone pinching, improves puncture-resistant performance.

## WT100

Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	L	1082	298	15.5	230	9.00

# 「REGIONAL」



- Cross groove design helps to clear water and mud away and offers excellent traction with outstanding handling characteristics, suitable for all complex road conditions.
- Special tread compound and stone-removal construction promotes resistance against cuts and punctures.
- Open shoulder and radiating grooves improve heat radiating.
- Special belt package construction enhances rigidity in tread and shoulder; superior bead design effectively reduces carcass deformation and comprehensively enhances load-carrying capacity.
- Reinforced carcass and bead improve the load-carrying capacity.
- Excellent traction.
- Outstanding resistance to cuts and punctures.
- Great heat-radiating performance.
- Superior load-carrying capacity.

## WD407 Drive Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R20	14PR	136/134	J	975	235	15	170	6.50
9.00R20	16PR	144/142	J	1026	256	17	189	7.00
10.00R20	18PR★	149/146	J	1062	278	19	212	7.50
11.00R20	18PR★	152/149	J	1092	292	19	226	8.00
11.00R20	18PR★(M2)	152/149	J	1092	292	19	226	8.00
12.00R20	18PR★	154/151	J	1130	310	19	252	8.50



# 「ON/OFF ROAD」



- Large block pattern improves tyre traction and handling.
- Open shoulder and heat-dissipating grooves increase heat radiating.
- New tread structure enhances puncture resistance and load-carrying capacity.

## WD417 Drive Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.50R16LT	14PR	122/118	J	813	211	15	156	6.00G



- Superior carrying capacity.
- Superstrong tire bead promotes load capacity.
- Enhanced pattern design prolongs serving life.
- Special tread compound for short-to-medium-distance, which provides outstanding abrasion resistant and longer mileage.
- Newly designed tire crown, stone-removal construction and heat-radiating structure increase puncture resistance, decrease failure in tyre crown.

## WD466 Drive Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
11.00R20	18PR	152/149	J	1087	292	20.5	238	8.00
11.00R20	18PR★	152/149	J	1087	292	20.5	238	8.00
12.00R20	18PR★(LRJ)	154/151	J	1125	310	20.5	238	8.50

# 「ON/OFF ROAD」



## WD477H Drive Axle/Trailer Axle

- New belt package construction and enhanced bead structure for improving load capacity and safety performance.
- Stone-removal structure and new tread compound protect carcass, reduce failure rate and prolong service life.
- Mixed pattern design better adapts to severe off-highway, enhances driving force, traction and handling performance.
- Finite element optimization tire crown design enables a long using life and promotes operation efficiency.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12.00R20	20PR★	156/153	J	1128	313	19.5	242	8.50



## WD510 All Position

- Optimized the layout of contour and pattern blocks improve the tire grounding pressure.
- Widen tread arc width and high saturation pattern design improve tire grounding area and tire wear resistance.
- Wide transverse pattern and grooves design, strengthened connecting ribs in tyre shoulder provide strong traction and grip, decrease the failure of cracking.
- New-designed stone-removal construction promotes puncture-resistant performance
- New designed tread compound especially for on/off road improves resistance against burst and crack

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R20	16PR	139/137	J	974	235	16.5	178	6.50

# 「ON/OFF ROAD」



## WD596

All Position

- Better loading capacity.
- Heat dissipation holes on tread and shoulder enhance the heat dissipation performance and improve the durability of products.
- Stone-removal design prevents the failure from puncture.
- The new contour and large block design make the tire more straight and upright, with a better appearance.
- Professional formula for mining improves puncture resistance and gives longer service life.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
7.50R16LT	14PR	122/118	J	822	211	21	172	6.00G
8.25R16LT	18PR	132/128	F	878	232	21	190	6.50H



## WD605

Drive Axle/Trailer Axle

- Widen driving surface, high saturation pattern design, improve tire grounding area and tire wear resistance.
- Wider and deeper transverse pattern provides better traction and grip .
- Reinforced rib design in pattern blocks reduces the distortion and deformation of pattern blocks, and reduces the occurrence of irregular wear and groove crack.
- The belt layer is reinforced with new super strong steel wire and bead nylon structure, together with high-strength compound, increase the strength of crown and mounting area, reduce the deformation of shoulder and bead under overloading.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
10.00R20	18PR★	149/146	J	1058	278	19	216	7.50
9.00R20	16PR	144/142	J	1024	256	18.5	200	7.00



# 「ON/OFF ROAD」



- Widen driving surface, high saturation pattern design, improve tire grounding area and tire wear resistance.
- Wider and deeper transverse pattern provides better traction and grip .
- Reinforced rib design in pattern blocks reduces the distortion and deformation of pattern blocks, and reduces the occurrence of irregular wear and groove crack.

## WD615 Drive Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	J	1087	299	20.5	242	9.00
12.00R20	20PR★	156/153	J	1122	314	19.5	250	8.50
11.00R20	18PR★	152/149	J	1092	292	19.5	238	8.00



- Like OTR tyre, shoulder design enhances against scratching and improves service life; special stone-removal structure effectively protects tread base and extends tyre life.
- Open shoulder and radiating tread design provides better heat dissipation performance.
- Special belt package construction enhances rigidity in tread and shoulder; superior bead design effectively reduces carcass deformation under heavy load and comprehensively enhances load-carrying capacity.
- Special formula promotes cut resistance.
- Outstanding resistance to cuts and punctures.
- Superior load-carrying capacity.

## WD999 Drive Axle/Trailer Axle

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12.00R20	18PR★	154/151	D	1141	310	24.5	240	8.50



# 「ON/OFF ROAD」



**WS237**

All Position

- Special tread formula to improve tire cutting and puncture resistance.
- Three continuous and transverse shallow grooves design to provide excellent drainage and grip performance.
- The reinforced bead structure and tear resistant rubber formula to improve tire overloading.
- The special tread groove structure design to reduce stone stuck, effectively protect the tread base, improve the puncture resistance in bottom groove and prolong the service life.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12.00R20	18PR★(LRJ)	154/151	K	1124	312	17	250	8.50
12.00R20	20PR★	156/153	K	1124	312	17	250	8.50



**WS405**

All Position

- The design of wide driving surface and stone removal design can effectively prevent the damage of stones to the tire ditch bottom
- Three layers of nylon reinforcement at the bead toe and crown reinforcement design improve the loading capacity
- New sidewall appearance design, highlighting the road conditions and vehicles of the product, which facilitates the actual use of users
- Open shoulder design improves strong traction and shoulder heat dissipation performance, which gives long service life

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12R22.5	18PR	152/149	K	1082	297	17.5	236	9.00
8.25R16LT	18PR	132/128	L	866	232	15	180	6.50H
7.50R16LT	14PR	122/118	L	809	211	14.5	166	6.00G

# 「ON/OFF ROAD」



**WD979**

All Position

- Mine patterns designed specifically for non-paved roads, and ultra deep patterns provide longer single driving mileage.
- Special mine tread formula, with super gnawing and stab resistance.
- Special carcass and crown formula design is adopted to reduce heat and provide longer service life.
- Wider transverse pattern and strengthened rib design provides better grip and climbing ability.
- Reinforced carcass structure and tyre bead provide better loading capacity.

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12.00R20	20PR★	156/153	D	1134	310	25	238	8.50



**WD989**

All Position

- Reinforced carcass design improves tyre load-carrying capacity.
- Unique bead design effectively improves bead resistance against burst and crack.
- Robust block pattern improves more toughness.
- Special tread compound promotes tyre resistance against gnaw and puncture.
- Enhanced side design protects sidewall from impact of external force and scratching.
- Full-depth transverse tread provides strong traction and grip and effectively extends service life.
- Superior load-carrying capacity
- Outstanding resistance against gnaw and puncture
- Longer service life

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
10.00R20	18PR★	149/146	D	1067	276	22	212	7.50
11.00R20	18PR★	152/149	D	1098	292	23	226	8.00
12.00R20	20PR★	156/153	D	1137	310	23	248	8.50

# 「MINING/WINTER」



## WD993

All Position

- Reinforced carcass, tyre crown and bead design.
- High strength like OTR
- New designed pattern compound against burst and crack.
- Efficient shoulder heat dissipation design
- Special stone-removal design
- Strengthened bead design

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
12.00R20	20PR★	156/153	F	1131	314	24.5	250	8.5



## WSS02

All Position

- Natural rubber and synthetic rubber are used together to improve the wet skid resistance of tread
- High performance carbon black is adopted to ensure the wear resistance of tread
- The wide longitudinal and transverse grooves ensure excellent driving force on ice and snow roads
- Transverse wavy steel sheet provides strong traction on ice and snow roads and improves driving safety

TIRE SIZE	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM
8.25R16LT	16PR	128/124	J	865	232	14	176	6.50H
7.00R16LT	14PR	118/114	K	775	200	14	160	5.50F
6.50R16LT	12PR★	110/105	K	752	185	14	150	5.50F
9R22.5	14PR	136/134	L	975	230	14	180	6.75



# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
6.50R16LT	WSS02	12PR★	110/105	K	752	185	14	150	5.50F	1060kg(2337lbs) 670kPa(97psi)	925kg(2040lbs) 670kPa(97psi)
7.00R16LT	WS102	14PR	118/114	L	771	200	12	160	5.50F	1320kg(2910lbs) 770kPa(112psi)	1180kg(2600lbs) 770kPa(112psi)
	WS309A	14PR (LRG)	118/114	L	775	200	14	166	5.50F	1320kg(2910lbs) 770kPa(112psi)	1180kg(2600lbs) 770kPa(112psi)
	WS309A	14PR	118/114	L	775	200	14	166	5.50F	1320kg(2910lbs) 770kPa(112psi)	1180kg(2600lbs) 770kPa(112psi)
	WSS02	14PR	118/114	K	775	200	14	160	5.50F	1320kg(2910lbs) 770kPa(112psi)	1180kg(2600lbs) 770kPa(112psi)
7.50R16LT	WD408	14PR	122/118	J	811	210	14	143	6.00G	1500kg(3305lbs) 770kPa(112psi)	1320kg/(2910lbs) 770kPa/(112psi)
	WD417	14PR	122/118	J	813	211	15	156	6.00G	1500kg(3305lbs) 770kPa(112psi)	1320kg/(2910lbs) 770kPa/(112psi)
	WD596	14PR	122/118	J	822	211	21	172	6.00G	1500kg(3305lbs) 770kPa(112psi)	1320kg(2910lbs) 770kPa(112psi)
	WS256	14PR	122/118	L	805	211	12.5	164	6.00G	1500kg(3305lbs) 770kPa(112psi)	1320kg(2910lbs) 770kPa(112psi)
	WS405 (XS405)	14PR	122/118	L	809	211	14.5	166	6.00G	1500kg(3305lbs) 770kPa(112psi)	1320kg(2910lbs) 770kPa(112psi)
7.50R20	WS102	14PR	130/128	L	937	210	14.5	170	6.00	1900kg(4190lbs) 830kPa(120psi)	1800kg(3970lbs) 830kPa(120psi)
	WS301	14PR	130/128	L	933	210	12.5	146	6.00	1900kg(4190lbs) 830kPa(120psi)	1800kg(3970lbs) 830kPa(120psi)
	WS403	14PR	130/128	L	937	210	15	160	6.00	1900kg(4190lbs) 830kPa(120psi)	1800kg(3970lbs) 830kPa(120psi)
8.25R15TR	WS320	18PR	143/141	J	844	230	13	160	6.5	2725kg(6010lbs) 850kPa(125psi)	2575kg(5670lbs) 850kPa(125psi)
8.25R16LT	WD406	14PR	126/122	J	867	232	15	168	6.50H	1700kg(3750lbs) 670kPa(97psi)	1500kg(3305lbs) 670kPa(97psi)
	WD406	16PR	128/124	J	867	232	15	168	6.50H	1800kg(3970lbs) 770kPa(112psi)	1600kg(3525lbs) 770kPa(112psi)
	WD408	14PR	126/122	K	871	232	17	170	6.50H	1700kg(3750lbs) 670kPa(97psi)	1500kg(3305lbs) 670kPa(97psi)
	WD408	16PR	128/124	J	871	232	17	170	6.50H	1800kg(3970lbs) 770kPa(112psi)	1600kg(3525lbs) 770kPa(112psi)
	WD595	18PR	132/128	J	870	232	17	184	6.50H	2000kg(4410lbs) 870kPa(126psi)	1800kg(3970lbs) 870kPa(126psi)



# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
8.25R16LT	WD596	18PR	132/128	F	878	232	21	190	6.50H	2000kg(4410lbs) 870kPa(126psi)	1800kg(3970lbs) 870kPa(126psi)
	WS256	18PR	132/128	L	864	232	14	180	6.50H	2000kg(4410lbs) 870kPa(126psi)	1800kg(3970lbs) 870kPa(126psi)
	WS403	16PR	128/124	J	867	232	15	168	6.50H	1800kg(3970lbs) 770kPa(112psi)	1600kg(3525lbs) 770kPa(112psi)
	WS405 (XS405)	18PR	132/128	L	866	232	15	180	6.50H	2000kg(4410lbs) 870kPa(126psi)	1800kg(3970lbs) 870kPa(126psi)
	WSS02	16PR	128/124	J	865	232	14	176	6.50H	1800kg(3970lbs) 770kPa(112psi)	1600kg(3525lbs) 770kPa(112psi)
8.25R20	WD406	14PR	136/134	J	975	235	15	164	6.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WD407	14PR	136/134	J	975	235	15	170	6.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WD408	14PR	136/134	L	978	235	17	161	6.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WD510	16PR	139/137	J	974	235	16.5	178	6.50	2430kg(5355lbs) 930kPa(135psi)	2300kg(5070lbs) 930kPa(135psi)
	WS102	14PR	136/134	L	975	235	14.5	170	6.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WS403	14PR	136/134	K	975	235	15	164	6.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
9.00R20	WD406	16PR	144/142	J	1024	254	17	194	7.00	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
	WD407	16PR	144/142	J	1026	256	17	189	7.00	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
	WD409	16PR	144/142	L	1031	261	20.5	197	7.00	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
	WD605	16PR	144/142	J	1024	256	18.5	200	7.00	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
	WS401	16PR	144/142	K	1021	252	16.5	186	7.00	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
10.00R20	WD407	18PR★	149/146	J	1062	278	19	212	7.50	3250kg(7160lbs) 930kPa(135psi)	3000kg(6610lbs) 930kPa(135psi)
	WD605	18PR★	149/146	J	1058	278	19	216	7.50	3250kg(7160lbs) 930kPa(135psi)	3000kg(6610lbs) 930kPa(135psi)
	WD989	18PR★	149/146	D	1067	276	22	202	7.50	3250kg(7160lbs) 930kPa(135psi)	3000kg(6610lbs) 930kPa(135psi)

# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
10.00R20	WS233	18PR★	149/146	J	1056	279	16	210	7.50	3250kg(7160lbs) 930kPa(135psi)	3000kg(6610lbs) 930kPa(135psi)
	WS401	18PR	149/146	J	1055	277	16.5	212	7.50	3250kg(7160lbs) 930kPa(135psi)	3000kg(6610lbs) 930kPa(135psi)
11.00R20	WD407	18PR★	152/149	J	1092	292	19	226	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD407	18PR★ (M2)	152/149	J	1092	292	19	226	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD466	18PR	152/149	J	1087	292	20.5	238	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD466	18PR★	152/149	J	1087	292	20.5	238	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD615	18PR★	152/149	J	1092	292	19.5	238	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD989	18PR★	152/149	D	1098	292	23	226	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS200	18PR	152/149	L	1088	292	16.5	218	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS230	18PR★	152/149	K	1084	292	15.5	237	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS233	18PR★	152/149	K	1085	292	17.5	225	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS401	18PR	152/149	K	1090	292	17.5	216	8.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
12.00R20	WD407	18PR★	154/151	J	1130	310	19	252	8.50	3750kg/8265lbs 830kpa/(120psi)	3450kg/7610lbs 830kpa/(120psi)
	WD466	18PR★ (LRJ)	154/151	J	1125	310	20.5	238	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
	WD477H	20PR★	156/153	J	1128	313	19.5	242	8.50	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)
	WD615	20PR★	156/153	J	1122	314	19.5	250	8.50	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)
	WD979	20PR★ (LRL)	156/153	D	1134	310	25	238	8.50	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)
	WD989	20PR★	156/153	D	1137	310	23	248	8.50	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)
	WD993	20PR★	156/153	F	1131	314	24.5	250	8.5	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)

# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
12.00R20	WD999	18PR★	154/151	D	1141	310	24.5	240	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
	WS230	18PR★	154/151	L	1123	305	15.5	244	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
	WS233	18PR★	154/151	K	1127	314	17.5	230	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
	WS237	18PR★ (LRJ)	154/151	K	1124	312	17	250	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
	WS237	20PR★	156/153	K	1124	312	17	250	8.50	4000kg(8820lbs) 900kPa(130psi)	3650kg(8050lbs) 900kPa(130psi)
	WS401	18PR	154/151	K	1130	296	17.5	228	8.50	3750kg(8270lbs) 830kPa(120psi)	3450kg(7610lbs) 830kPa(120psi)
8R22.5	WS301	14PR	130/128	L	936	210	12.5	148	6.00	1900kg(4190lbs) 830kPa(120psi)	1800kg(3970lbs) 830kPa(120psi)
9R22.5	WS210	14PR	136/134	L	974	230	14.5	180	6.75	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WS300	14PR	136/134	L	974	230	13.5	161	6.75	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WS309A	14PR	136/134	K	974	230	14.5	188	6.75	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WSS02	14PR	136/134	L	975	230	14	180	6.75	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
10R22.5	WS309A	16PR	144/142	L	1023	254	16	192	7.50	2800kg(6175lbs) 900kPa(130psi)	2650kg(5840lbs) 900kPa(130psi)
	WS303	14PR	141/139	M	1022	254	15	176	7.50	2575kg(5675lbs) 790kPa(115psi)	2430kg(5355lbs) 790kPa(115psi)
11R22.5	WD266	16PR (LRH)	148/145	L	1063	281	22.5	222	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
	WD406	16PR	148/145	M	1057	276	21	212	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
	WS102	16PR	148/145	M	1053	282	16.5	202	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
	WS201	16PR	148/145	M	1051	282	15	200	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
	WS210	16PR (LRH)	148/145	L	1048	279	14.5	202	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
	WS233	16PR (LRH)	148/145	L	1055	281	17.5	210	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)

# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
	WT100	16PR (LRH)	148/145	M	1042	286	10	222	8.25	3150kg(6940lbs) 850kPa(123psi)	2900kg(6390lbs) 850kPa(123psi)
12R22.5	WD206	16PR	150/147	L	1092	303	23.5	260	9.00	3350kg(7390lbs) 830kPa(120psi)	3075kg(6780lbs) 830kPa(120psi)
	WD216	18PR	152/149	L	1084	298	19	234	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD226	18PR	152/149	L	1092	296	21	235	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD406	18PR	152/149	K	1093	300	18.5	232	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WD615	18PR	152/149	J	1087	299	20.5	242	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WR220	12PR**	143/141	L	1080	300	14.5	210	9.00	2725kg(6005lbs) 620kPa(90psi)	2575kg(5675lbs) 620kPa(90psi)
	WR220	18PR	152/149	L	1080	300	14.5	210	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WR330	12PR**	143/141	M	1074	292	14	222	9.00	2725kg(6005lbs) 620kPa(90psi)	2575kg(5675lbs) 620kPa(90psi)
	WR330	18PR	152/149	L	1074	292	14	222	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS200	18PR	152/149	M	1080	304	16.5	244	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS201	18PR	152/149	M	1086	300	15.5	223	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS210	18PR	152/149	L	1082	297	15.5	228	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS227	18PR	152/149	L	1083	297	16.5	230	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS228	18PR	152/149	L	1081	297	17.5	236	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS233	18PR	152/149	L	1091	295	17.5	236	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS239A	18PR	152/149	L	1093	295	18	236	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS258	18PR	152/149	L	1083	301	17	244	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS270	18PR	152/149	L	1083	297	16.5	230	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WS288	18PR	152/149	L	1081	301	17	242	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)



# TECHINICAL DATA

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
12R22.5	WS405	18PR	152/149	K	1082	297	17.5	236	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
	WT100	18PR	152/149	L	1082	298	15.5	230	9.00	3550kg(7830lbs) 930kPa(135psi)	3250kg(7160lbs) 930kPa(135psi)
13R22.5	WD217	18PR★	154/151	J	1121	318	19	250	9.75	3750kg(8270lbs) 850kPa(123psi)	3450kg(7610lbs) 850kPa(123psi)
	WD418	18PR★	154/151	K	1123	321	20	250	9.75	3750kg(8270lbs) 850kPa(123psi)	3450kg(7610lbs) 850kPa(123psi)
	WS102	18PR	154/151	K	1117	318	16.5	240	9.75	3750kg(8270lbs) 850kPa(123psi)	3450kg(7610lbs) 850kPa(123psi)
	WS233	18PR★	154/151	K	1126	310	17.5	240	9.75	3750kg(8270lbs) 850kPa(123psi)	3450kg(7610lbs) 850kPa(123psi)
	WS290	18PR	154/151	K	1127	321	18	250	9.75	3750kg(8270lbs) 850kPa(123psi)	3450kg(7610lbs) 850kPa(123psi)
215/75 R17.5	WS206	16PR	127/124	M	772	216	13	172	6.00	1750kg(3860lbs) 830kpa(120psi)	1600kg(3525lbs) 830kpa(120psi)
	WS206	16PR (trailer position) (LRH)	135/133	J	772	216	13	172	6.00	2180kg(4805lbs) 860kpa(125psi)	2060kg(4540lbs) 860kpa(125psi)
225/70 R19.5	WS210	14PR (LRG)	128/126	M	819	217	13	172	6.75	1800kg(3970lbs) 760kpa(110psi)	1700kg(3750lbs) 760kpa(110psi)
235/75 R17.5	WS206	16PR* (trailer position) (LRH)	132/130	M FRT	802	232	13	188	6.75	2000kg(4410lbs) 830kpa(120psi)	1900kg(4190lbs) 830kpa(120psi)
	WS206	16PR* (trailer position)	132/130	M	802	232	13	188	6.75	2000kg(4410lbs) 830kpa(120psi)	1900kg(4190lbs) 830kpa(120psi)
245/70 R17.5	WS320	18PR	143/141	J	790	246	14	198	7.50	2725kg(6005lbs) 875kPa(125psi)	2575kg(5675lbs) 875kPa(125psi)
245/70 R19.5	WS206	16PR (LRH)	136/134	M	844	246	14.5	191	7.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WS206	16PR (trailer position) (LRH)	141/140	K	844	246	14.5	191	7.50	2575kg(5675lbs) 860kpa(125psi)	2500kg(5510lbs) 860kPa(125psi)
	WS210	16PR (LRH)	136/134	M	843	245	14.5	192	7.50	2240kg(4940lbs) 830kPa(120psi)	2120kg(4675lbs) 830kPa(120psi)
	WS210	16PR (trailer position) (LRH)	141/140	K	843	245	14.5	192	7.50	2575kg(5675lbs) 860kpa(125psi)	2500kg(5510lbs) 860kPa(125psi)

# 「TECHINICAL DATA」

TIRE SIZE	PATTERN	PR	LOAD INDEX	SPEED SYMBOL	OVERALL DIAMETER (mm)	SECTION WIDTH (mm)	TREAD DEPTH (mm)	TREAD ARC WIDTH (mm)	RIM	SINGLE MAX LOAD/ PRESSURE	DUAL MAX LOAD/ PRESSURE
265/70 R19.5	WS210	14PR (LRG)	137/134	M	873	255	14.5	214	7.50	2300kg(5070lbs) 760kPa(110psi)	2120kg(4675lbs) 760kPa(110psi)
	WS210	16PR (trailer position) (LRH)	143/141	K	873	255	14.5	214	7.50	2725kg(6010lbs) 860kPa(125psi)	2575kg(5670lbs) 860kPa(125psi)
	WS210	16PR+ (LRH)	140/138	M	873	255	14.5	214	7.50	2500kg(5510lbs) 775kPa(112psi)	2360kg(5205lbs) 775kPa(112psi)
275/70 R22.5	WS306	18PR	152/148	J	972	283	19	230	8.25	3550kg(7820lbs) 930kPa(135psi)	3150kg(6930lbs) 930kPa(135psi)
	WS320	16PR (LRH)	144/141	M	960	268	13	202	8.25	2800kg(6175lbs) 830kPa(120psi)	2575kg(5675lbs) 830kPa(120psi)
295/60 R22.5	WS102	18PR (LRJ)	150/147	L	921	286	16.5	241	9.00	3350kg(7390lbs) 900kPa(130psi)	3075kg(6780lbs) 900kPa(130psi)
	WS102	18PR	150/147	L	921	286	16.5	242	9.00	3350kg(7390lbs) 900kPa(130psi)	3075kg(6780lbs) 900kPa(130psi)
295/80 R22.5	WS102	18PR	152/149	M	1055	304	16.5	234	9.00	3550kg(7830lbs) 900kPa(130psi)	3250kg(7160lbs) 900kPa(130psi)
	WS233	18PR	152/149	M	1058	308	17.5	230	9.00	3550kg(7830lbs) 900kPa(130psi)	3250kg(7160lbs) 900kPa(130psi)
	WS270	18PR	156/152	M	1042	292	14.8	228	9.00	3550kg(7830lbs) 900kPa(130psi)	3250kg(7160lbs) 900kPa(130psi)
	WD216	18PR	152/149	M	1049	292	19	228	9.00	3550kg(7830lbs) 900kPa(130psi)	3250kg(7160lbs) 900kPa(130psi)
315/80 R22.5	WD217	18PR	156/152	L	1098	315	23	260	9.00	4000kg(8820lbs) 830kPa(120psi)	3550kg(7830lbs) 830kPa(120psi)
	WS102	18PR	156/152	M	1085	318	16.5	261	9.00	4000kg(8820lbs) 830kPa(120psi)	3550kg(7830lbs) 830kPa(120psi)
	WS102	20PR	157/154	L	1085	318	16.5	261	9.00	4125kg(9090lbs) 900kPa(130psi)	3750kg(8270lbs) 900kPa(130psi)
	WS270	18PR	156/152	L	1083	302	16.5	230	9.00	4000kg(8820lbs) 830kPa(120psi)	3550kg(7830lbs) 830kPa(120psi)
	WD216	20PR	157/154	L	1084	302	19	234	9.00	4125kg(9090lbs) 900kPa(130psi)	3750kg(8270lbs) (900kPa)130psi
425/65 R22.5	WS208	20PR (LRL)	165	K	1129	420	16	324	13.00	5150kg(11400lbs) 830kPa(120psi)	--





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