

**Tire Direct** 

*La nueva generación*

 **JOYROAD**



**TBR TIRE**

*All Steel Radial Tyre*

# Tire Direct

La nueva generación

## Pattern Guide

Long Distance



Bad Road Surface



Good Road Surface



Short Distance



Mining Area



Unpaved Pavement



Mixed Pavement



Provincial Road



National Highway



Lianglu/Expressway



## ZA808 All POSITION

**TYPICAL COMBINED PATTERN / GOOD BALANCE  
LOW HEAT GENERATION**

- ◆ Transverse shoulder groove design, provide higher power and handling performance.
- ◆ Anti-stone embedding design, protect the belt layer and improve the tread life.
- ◆ Longitudinal continuous rib design, excellent comprehensive performance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
9.00R20	16	144/142	K	7.0	259	2800	2650	900	900
10.00R20	18	149/146	K	7.5	278	3250	3000	930	930
11.00R20	18	152/149	K	8.0	293	3550	3250	930	930
12.00R20	20	156/153	K	8.5	315	4000	3650	900	900
12.00R24	20	160/157	L	8.5	315	4500	4125	900	900
11R22.5	16	146/143	L	8.25	279	3000	2725	830	830
12R22.5	18	152/149	M	9.00	300	3550	3250	930	930
315/80R22.5	20	157/154	L	9.00	312	4125	3750	900	900



## ZA818 All POSITION

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ V-shaped groove design, prevent stone clamping and crack.
- ◆ Longitudinal continuous rib design, excellent comprehensive performance.
- ◆ Ditch flower design, prevent pattern block crack, anti-eccentric wear.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11.00R20	18	152/149	K	8.0	293	3550	3250	930	930
12.00R20	20	156/153	K	8.5	315	4000	3650	900	900
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
13R22.5	18	154/151	L	9.75	320	3750	3450	830	830
	20	157/154	K	9.75	320	4125	3750	900	900
315/80R22.5	20	157/154	L	9.00	312	4125	3750	900	900



## ZD605 DRIVE

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Medium block pattern design and strength tread base formula ensure the performance of driving, braking, puncture resistance and anti-eccentric wear.
- ◆ Anti-clamping stone design, protect the belt layer and improve the tread life.
- ◆ Groove bottom design, prevent pattern block crack, reduce the damage caused by rock clamping.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
9.00R20	16	144/142	J	7.0	259	2800	2650	900	900
11.00R20	18	152/149	J	8.0	293	3550	3250	930	930
12.00R20	20	156/153	J	8.5	315	4000	3650	900	900



## ZD615 DRIVE

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Strengthen between blocks, ease the impact energy, restrain the impact blasting Performance.
- ◆ Medium block design and high strength tread base formula ensure the performance of driving, braking, puncture resistance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	J	8.5	315	4000	3650	900	900
12R22.5	18	152/149	K	9.00	300	3550	3250	930	930
13R22.5	18	154/151	K	9.75	320	3750	3450	830	830
	20	157/154	J	9.75	320	4125	3750	900	900



## ZD625 DRIVE

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Gradual asymmetric groove design, good self-cleaning performance, reduce the tire damage.
- ◆ Continuous large pattern design, excellent anti-puncture performance.
- ◆ Groove bottom reinforcement design, prevent pattern block crack.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
10.00R20	18	149/146	J	7.5	278	3250	3000	930	930
11.00R20	18	152/149	J	8.0	293	3550	3250	930	930
12.00R20	20	156/153	J	8.5	315	4000	3650	900	900



## ZD960 MINING

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Wide tread and open shoulder blocks help enhance traction and braking on rough roads with mud or gravel.
- ◆ Wide and depth pattern design with low heat generating formula provides good turning stability.
- ◆ Outstanding self-cleaning tread design ensures long-life service in all road conditions.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
9.00R20	16	144/142	F	7.0	259	2800	2650	900	900
10.00R20	18	149/146	F	7.5	278	3250	3000	930	930
11.00R20	18	152/149	F	8.0	293	3550	3250	930	930
12.00R20	20	156/153	F	8.5	315	4000	3650	900	900



## ZD970A MINING

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Air column design for tread and shoulder, extend service life.
- ◆ Ultra-deepened pattern groove design, improve the cutting resistance.
- ◆ Special mine cutting resistance formula design, excellent cutting resistance, puncture resistance performance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11.00R20	18	152/149	F	8.0	293	3550	3250	930	930



## ZD970 MINING

**HIGH LOAD CAPACITY / HIGH WEAR RESISTANCE / ANTI-BLOCK FALL**

- ◆ Air column design for tread and shoulder, extend service life.
- ◆ Ultra-deepened pattern groove design, improve the cutting resistance.
- ◆ Special mine cutting resistance formula design, excellent cutting resistance, puncture resistance performance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	F	8.5	315	4000	3650	900	900



## ZD990 MINING

**SUPER BLAST-PROOF**

- ◆ Ultra-deep Pattern Groove, super-large angle groove, increase the bottom connection radian and prevent groove bottom damage effectively.
- ◆ Open wide double-layer stepped groove design bring good self-cleaning performance and reduce the tire damage rate caused by the inclusion of stone.
- ◆ Multi-layer steel belt strengthen the tire crown, super tire crown blast-proof ability.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	F	8.5	315	4000	3650	900	900



## ZD990A MINING

**BLAST-PROOF UPGRADED**

- ◆ Further deeper groove, ultra-wide width of the driving surface increase the bottom connection radian and prevent groove bottom damage effectively.
- ◆ Open wide double-layer stepped pattern groove design, good self-cleaning performance and reduce the tire damage rate caused by the inclusion of stones.
- ◆ Multi-layer steel belt strengthen the tire crown, super tire crown blast-proof ability.
- ◆ Increased the thickness of the sidewall increase the burst resistance of the sidewall.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	F	8.5	315	4000	3650	900	900



## ZG665K DRIVE

**HIGH LOAD CAPACITY / STONE-PROOF / ANTI-BLOCK FALL**

- ◆ New high-strength tire steel wire improves impact resistance and driving safety.
- ◆ Super tire bead structure, improve overload performance.
- ◆ Transverse block pattern design provide strong traction.
- ◆ Strengthen link between blocks, restrain the impact blasting.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	J	8.5	315	4000	3650	900	900



## ZG828K ALL POSITION

**HIGH WEAR RESISTANCE / LOW HEAT GENERATION / ANTI-BLOCK FALL**

- ◆ Side thickening design, reduce sidewall scratch.
- ◆ New steel wire cord, reduce tire heat, improve the service life.
- ◆ Three zigzag pattern groove design, excellent comprehensive performance.
- ◆ Wavy groove design, strong self-cleaning performance.
- ◆ The ultra-wide road surface improves the abrasion resistance and mileage.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	K	8.5	315	4000	3650	900	900



## ZF151 STEER

**HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID**

- ◆ Optimized structure and formula design, higher cost performance.
- ◆ Four straight groove design, excellent steering and handling performance, excellent drainage performance and anti-side-skid performance.
- ◆ Edge and shoulder groove design ensure the uniform grip, disperse the stress, prevent eccentric wear, reduce noise and prevent skid.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11R22.5	16	146/143	L	8.25	279	3000	2725	830	830
11R24.5	16	149/146	L	8.25	279	3250	3000	830	830
12R22.5	18	152/149	M	9.00	300	3550	3250	930	930



## ZF152 ALL POSITION

**HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID**

- ◆ Transverse groove and small steel groove design, excellent handling and comprehensive performance.
- ◆ Edge and shoulder groove design, uniform grip, disperse stress, prevent eccentric wear, noise reduction, anti-skid.
- ◆ Long-distance wear resistant formula, longer mileage and service.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930



## ZF152A ALL POSITION

**HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID**

- ◆ Ultra-wide tread, high wear resistance, long mileage.
- ◆ Edge and shoulder groove design, uniform grip, disperse stress, prevent eccentric wear, noise reduction, anti-skid.
- ◆ Special tread formula, low heating, good wear resistance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930



## ZF153 STEER

### HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID

- ◆ The bottom design, protect the belt layer and improve the tread life.
- ◆ Four straight grooves can provide superior braking and driving performances, superior adhesion properties of the ground, excellent wet skid resistance, eccentric wear resistance.
- ◆ Ultra-high wear resistant tread formula and ultra-high mileage driving.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
295/60R22.5	18	150/147	M	9.00	292	3350	3075	900	900



## ZF153A STEER

### HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID

- ◆ The bottom design, protect the belt layer and improve the tread life.
- ◆ Four straight grooves can provide superior braking and driving performances, superior adhesion properties of the ground, excellent wet skid resistance, eccentric wear resistance.
- ◆ Ultra-high wear resistant tread formula and ultra-high mileage driving.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
295/60R22.5	18	150/147	M	9.00	292	3350	3075	900	900



## ZF153S STEER

### HIGH WEAR RESISTANCE / STONE-PROOF / ANTI-SIDE SKID

- ◆ Optimized structure and formula design, higher cost performance.
- ◆ Four straight groove design, excellent steering and handling performance, excellent drainage performance and anti-side-skid performance.
- ◆ Edge and shoulder groove design ensure the uniform grip, disperse the stress, prevent eccentric wear, reduce noise and prevent skid.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
295/80R22.5	18	152/149	L	9.00	298	3550	3250	900	900
315/80R22.5	20	157/154	L	9.00	312	4125	3750	900	900



## ZA155 ALL POSITION

### HIGH MILEAGE / STONE-PROOF / HIGH WEAR RESISTANCE

- ◆ Three longitudinal zigzag pattern groove design, V-shaped groove design prevent stone clamping.
- ◆ Special tread formula, low heating, high wear resistance, suitable for highway and roads of common grades.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
12.00R24	20	160/157	L	8.5	315	4500	4125	900	900



## ZA156 ALL POSITION

### HIGH MILEAGE / STONE-PROOF / HIGH WEAR RESISTANCE

- ◆ Three longitudinal zigzag pattern groove design, V-shaped groove design prevent stone clamping.
- ◆ Transverse steel groove design, excellent handling and comprehensive performance.
- ◆ Wave groove and anti-clamping stone design, excellent self-cleaning performance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
13R22.5	18	154/151	L	9.75	320	3750	3450	830	830
	20	157/154	K	9.75	320	4125	3750	900	900



## ZD158 DRIVE

### HIGH MILEAGE/STONE-PROOF/HIGH WEAR RESISTANCE

- ◆ Mixed pattern design provide strong traction and breaking power.
- ◆ Super abrasion resistance, excellent heat dissipation performance.
- ◆ Good handing and traction with higher original mileage.
- ◆ Excellent fuel efficiency.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	K	9.00	300	3550	3250	930	930
13R22.5	18	154/151	K	9.75	320	3750	3450	830	830
	20	157/154	J	9.75	320	4125	3750	900	900
295/80R22.5	18	152/149	L	9.00	298	3550	3250	900	900
315/80R22.5	20	157/154	L	9.00	312	4125	3750	900	900



## ZD159 DRIVE

### HIGH MILEAGE / HIGH WEAR RESISTANCE / STRONG GRIP

- ◆ Deepened groove and wide surface design improve driving range.
- ◆ Mixed pattern design provided strong traction and breaking power.
- ◆ Widen tread design improve pattern saturation and higher original mileage.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930
295/80R22.5	18	152/149	L	9.00	298	3550	3250	900	900
315/80R22.5	20	157/154	L	9.00	312	4125	3750	900	900





## ZD160 DRIVE

### HIGH MILEAGE / STRONG GRIP

- ◆ Deepened groove and wide surface design improve driving range.
- ◆ Mixed pattern design provided strong traction and breaking power.
- ◆ Widen tread design improve pattern saturation and higher original mileage.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	L	9.00	300	3550	3250	930	930



## ZD169 MINING

### HIGH WEAR RESISTANCE / ANTI-PUNCTURED

- ◆ Super deepened pattern groove design, ultra high service life.
- ◆ Continuous large block pattern design, cutting resistance, explosion proof.
- ◆ Special mine cutting resistance formula, anti-puncture.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12R22.5	18	152/149	J	9.00	300	3550	3250	930	930



## ZD980 DRIVE

### LOW HEAT GENERATION / HIGH WEAR RESISTANCE

- ◆ The air column design reduces crown cavitation and prolongs service life.
- ◆ Special mine cutting resistance formula, cutting resistance, anti-puncture
- ◆ Reinforcing bars design increases the rigidity of the crown and improves the impact resistance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	F	8.5	315	4000	3650	900	900



## ZD625K DRIVE

### STONE-PROOF / HIGH WEAR RESISTANCE

- ◆ Deepen the pattern groove, increase the width of driving surface, and provide ultra-high service life of the tire.
- ◆ New high-strength tire steel wire improves impact resistance and driving safety.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
12.00R20	20	156/153	J	8.5	315	4000	3650	900	900



## ZD616 DRIVE

### HIGH WEAR RESISTANCE / STRONG GRIP

- ◆ Mixed deep groove designed for higher driving range.
- ◆ The large area pattern blocks provide strong power and maintain high gripping power on both wet and dry roads.
- ◆ Shoulder incision design, prevent irregular wear, high heat dissipation.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11R22.5	16	146/143	L	8.25	279	3000	2725	830	830



## ZD788 DRIVE

### STONE-PROOF / STRONG GRIP

- ◆ Widen tread width design provides excellent driving and gripping power.
- ◆ Extra deep tread provides an extra powerful traction and long tread life.
- ◆ Closed shoulder maintains good irregular wear resistance, excellent crack and tear resistance performance.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11R22.5	16	146/143	L	8.25	279	3000	2725	830	830
11R24.5	16	149/146	L	8.25	279	3250	3000	830	830



## ZD690 MINING

**HIGH WEAR RESISTANCE / STONE-PROOF / STRONG GRIP**

- ◆ The enhance rubber compound improves cut and chunking resistance.
- ◆ Reinforced belt and body construction enhancethe loading ability.
- ◆ The aggressive multi-lug design provides exceptional off-road traction.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
11R22.5	16	146/143	L	8.25	279	3000	2725	830	830
12.00R24	20	160/157	L	8.5	315	4500	4125	900	900
295/80R22.5	18	152/149	L	9.00	298	3550	3250	900	900



## ZA750 TRAILER

**LOW HEAT GENERATION / HIGH WEAR RESISTANCE**

- ◆ Suitable for truck and bus wheel position, all-weather and all-road driving, small rolling resistance, low heating, wear resistance and fuel saving.
- ◆ Wide section design, superior safety and ride comfort.

Size	PR	Load Index Single/Dual	Speed Symbol	Standard Rim	Section Width (mm)	Max Load(kg)		Max Pressure(kpa)	
						Single	Dual	Single	Dual
385/65R22.5	20	160	K	11.75	389	4500	-	900	-

# Tire Direct

La nueva generación



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