

# KYOTO<sup>®</sup>

JAPAN

*Symbol of Quality & Performance*



## Product Catalogue



**Truck & Bus,  
Light-Truck,  
Radial & Bias Tires,  
Tubes & Wheels**

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







# Contents

Kyoto Japan Tire Group	4
Kyoto Japan European Distribution Organization	5
Kyoto Japan Tire Family	6
Innovations & Tire Construction	6
Kyoto Japan European & International TBR Programmes	7
European Union Labelling Requirements	8
Kyoto Japan Reach Conformity Label for EU Range of Tires	9
Kyoto Japan European Truck & Bus Radial (TBR) Programme	10
European Truck & Bus Radial (TBR) Programme Applications & Wheel Positions	11
European Truck & Bus Radial (TBR) Tires Deluxe Steel Series	12
International Truck & Bus Radial (TBR) Tires Deluxe Steel Series	17
International Truck & Bus Radial (TBR) Programme Applications & Wheel Positions	19
International Truck & Bus Radial (TBR) Tires Deluxe Steel Series	20
Light Truck Radial (LTR) Tires	28
Truck & Bus Bias (TBB) Tires	30
Light Truck Bias (LTB) Tires	31
Butyl Inner Tubes	32
Truck & Bus Wheels – Aluminium Alloy	33
Truck & Bus Wheels – Steel	34
Kyoto Japan Tire Sidewall markings	36
Speed Codes & Load Indices	37
Standards & Certifications	38
Warranty	39

# Kyoto Japan Tire Group

Kyoto Japan is a Japanese-Swiss group of companies specialized in design, manufacture and marketing of the exclusive and registered brand of Kyoto Japan Tires, Tubes, Batteries & Lubricants throughout the world.

The company has developed its organization and sales teams for the international markets and has been regularly participating at major international tire exhibitions to promote its brand and its products.

## Kyoto Japan cover following families of products:

- **Tires:** Radial & Bias Tires for Trucks, Buses, Light-Trucks, Passenger Cars, 4x4, Sports & Utility Vehicles, Motorcycles, Construction Equipment, Agriculture, Mining & Industrial applications
- **Tubes:** Butyl-Rubber Inner tubes
- **Wheels:** Steel and aluminium wheels
- **Batteries:** Sealed Maintenance-Free Batteries Made in Italy
- **Lubricants:** Synthetic, Semi-Synthetic & Mineral Lubricants Made in Holland
- **Additives:** Professional Additives Made in France

## Kyoto Japan Tire Holdings Ltd.

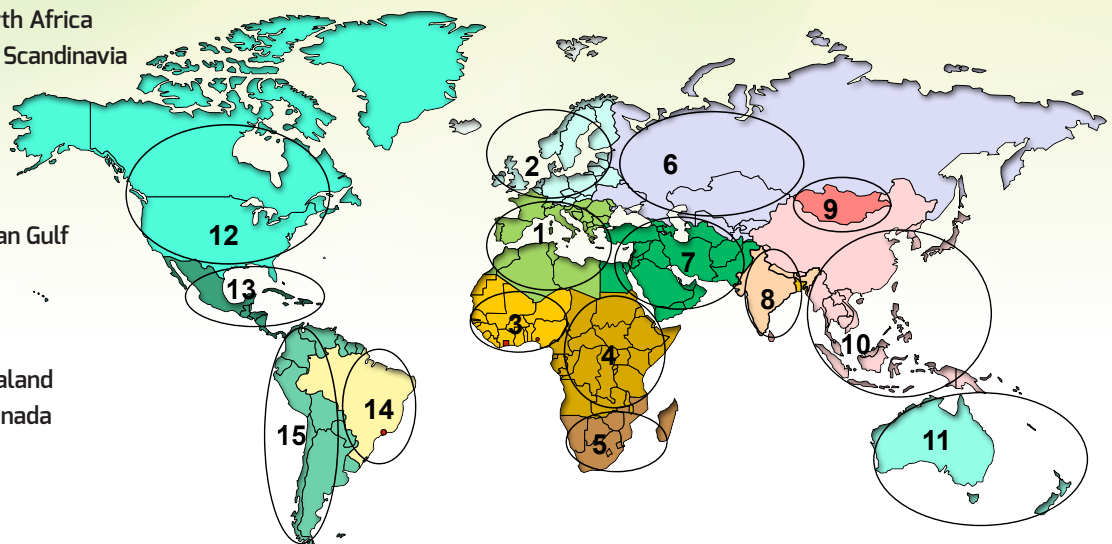
Comprises the following fully owned companies:

- **Kyoto Japan Tire Corporation Ltd. - Tokyo**  
The company was registered in 1991 in Tokyo and acts as the registered Head Office of the group in Japan. The company provides engineering & manufacturing know-how and looks after the registration of the brand 'Kyoto Japan' tires in key markets; issues Manufacturing Licenses for production in China as well as issuing Distributorship Agreements for potential clients and markets.

- **Kyoto Japan Tire (Suisse) S.A - Geneva**  
A 100% Swiss company set up in Geneva in 2008 to act as the principal Sales company of the group.
- **Kyoto Japan Tire (Europe) S.A.S – Annemasse & St. Gilles**  
A subsidiary of the Swiss company set up in Annemasse - France in 2013 with warehouses and logistics centers in France (St. Gilles), Holland, Italy and the U.K.
- **Kyoto Japan Tire Pneus do Brasil Ltda. - Sao Paulo**  
The company has been set up in Sao Paulo based on 100% ownership for local distribution of Kyoto Japan tires in Brazil.
- **Kyoto Japan Tire (West Africa) S.A - Abidjan**  
The company was set up in Abidjan based on 50% partnership with a prominent local business group for imports & local distribution in West Africa.
- **Kyoto Japan Tire Corp. (Switzerland) S.A - Beijing**  
The Beijing office was set-up in 2000 for control of Procurement, Production, Logistics and Exports out of China.
- **TMS International Group Ltd. - Hong Kong**  
Fully owned subsidiary company of the group based in Hong Kong for Trading of various brands of tire to world markets.

## Kyoto Japan International Marketing Zones

- 1 South Europe & North Africa
- 2 North Europe, UK & Scandinavia
- 3 West Africa
- 4 Central Africa
- 5 South Africa
- 6 Russia & CIS
- 7 Middle East & Persian Gulf
- 8 Indian Subcontinent
- 9 Mongolia
- 10 S.E. Asia & China
- 11 Australia & New Zealand
- 12 North America & Canada
- 13 Centra America
- 14 Brazil
- 15 Latin America







## Kyoto Japan European Distribution Organization

Kyoto Japan Tire Group have an E.U based European company under the name of Kyoto Japan Tire (Europe) S.A.S based in Annemasse - France, with 4 logistics and distribution centres in France, Italy, Holland and the UK.

Deliveries of all Kyoto Japan Tires, Batteries and Lubricants can be made overnight, latest within 72 hours, within the E.U & to other European countries, by full or partial truck loads, full pallets, and by drop shipping.

Kyoto Japan Tire (Europe) S.A.S works through a network of local importers and distributors in the E.U and other European countries and welcomes new business relationships with potential distributors.





# Kyoto Japan Tire

## European Standards

Kyoto Japan produce a range of 67 Radial Truck & Bus tires (TBR) with European standards of Reach and Clean Oil with optimum levels of Wet Grip, Rolling Resistance and Sound Emission, carry the EU label.

- **PCR :** Passenger Car Radial Tires
- **WTR :** Winter Passenger Car Radial Tires
- **LTR :** Light Truck and Van Radial Tires
- **SUV :** 4x4 & Sports & Utility Vehicles Radial Tires
- **TBR :** Truck and Bus Radial Tires
- **TBB :** Truck and Bus Bias (Nylon) Tires
- **LTB :** Light Truck & Van Bias (Nylon) Tires
- **OTR :** Off-the-Road & Construction Tires
- **AGR :** Radial & Bias Agricultural Tires
- **MIN :** Giant Radial OTR & Mining Tires
- **IND :** Industrial & Solid Tires
- **MCT :** Motorcycle Tires
- **Tubes :** Butyl Inner Tubes
- **Wheels :** Steel & Alluminium Wheels

The current trend in tire design is towards Low Profile, Ultra High Performance, light-weight, Tubeless tires with attractive directional pattern design. The 55 & 50 series are widely used for saloon cars, while 40, 35, & 30 series are becoming increasingly popular.

## All-Steel Radial Tires

All-Steel Radial Tires are used for heavy duty applications and comprise Truck and Bus Radial Tires (TBR) as well as Off-the Road and Giant Radial Tires (OTR).

## Semi-Steel Radial Tires

Semi-Steel Radial Tires comprise a wide range of small to medium tires, including Passenger Car Summer vTires. In such tires, the reinforcement is a combination of steel wire (on tire crown portion as steel belt) and nylon/polyester fabric (in the carcass).

## Bias Tires

Bias tires are based on the old technologies of using only nylon cord as reinforcement while utilizing more rubber compound and they are primarily used in less developed countries in South America, Middle East, Indian sub-continent, Africa, China and certain other countries in S.E Asia. Bias tires are heavier in weight than corresponding radial tires which use steel wire reinforcement with lighter carcasses.

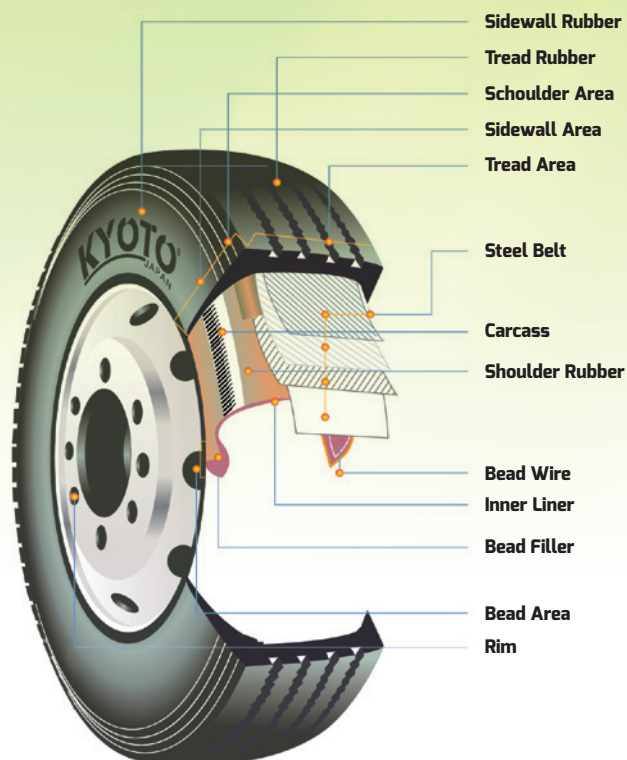


Radial Construction



Bias Construction

## Innovations, Tire Construction & Cut-Section





## Kyoto Japan European & International TBR Programmes

APPLICATION		KYOTO JAPAN EUROPEAN TBR PROGRAMME				KYOTO JAPAN INTERNATIONAL TBR PROGRAMME			
		STEER	DRIVE	TRAILER	ALL POSITION	STEER	DRIVE	TRAILER	ALL POSITION
									
	Long Haul	KO413; KO429; KO435; KO437	KO408; KO415; KO423; KO436	KO413; KO429; KO437; KO452	KO407; KO412; KO435	KO400; KO405; KO409; KO416; KO429	KO422	KO400; KO405; KO409; KO416; KO429	KO401; KO427; KO419
	Regional	KO403; KO414; KO423	KO410; KO436	KO403; KO423; KO437; KO452	KO453; KO435	KO403; KO405; KO409; KO429	KO416	KO403; KO405; KO409; KO429	KO402; KO411; KO426; KO430; KO457
	City Transit	KO403; KO423; KO435	KO408; KO415; KO423; KO436; KO438	KO403; KO423; KO437; KO452	KO407; KO412; KO433; KO435	KO403; KO405; KO409; KO416;		KO403; KO405; KO409; KO416	KO402; KO407; KO427
	Mixed Service (On/Off Road)	KO415	KO420; KO415; KO420; KO438		KO433; KO435	KO404	KO404; KO420; KO421; KO424; KO483; KO491	KO483; KO491	KO428
	Mining						KO404; KO406; KO425; KO458; KO483		
	Off Road	KO453	KO420; KO434		KO433	KO402; KO404; KO406; KO411; KO421; KO425; KO426; KO432; KO434; KO458M; KO483; KO491; KO453			
	Winter		KO49w0W				KO490W		



# European Union Labelling Requirements

Kyoto Japan has successfully developed a family of TBR, LTR, 4x4 & SUV, UHP, PCR Summer & Winter Tires for the European markets. The new EU legislation provides guidelines for:

## Fuel efficiency

Rolling resistance is a term used to describe the resistance between the tire and the road surface, it is calculated that this counts for approximately 20% of a vehicle's fuel consumption.

The material it is made from can dramatically improve a vehicle's fuel efficiency and therefore the EU labels now identify this through a classification system. For instance, a tire classed A is of greater quality than one classed F, and could potentially save up to 80 litres of fuel per year.

## Wet Grip

The tread of a tire is designed to disperse surface water and provide necessary grip on the road, which is essential for handling and braking.

The stopping distance of a vehicle is always affected by wet conditions due to the water held by the tread. EU tire labelling allows consumers to see how well each tire performs when braking in the wet.

Class A tires have a more responsive braking distance, in some cases up to 10 metres.

## External Noise

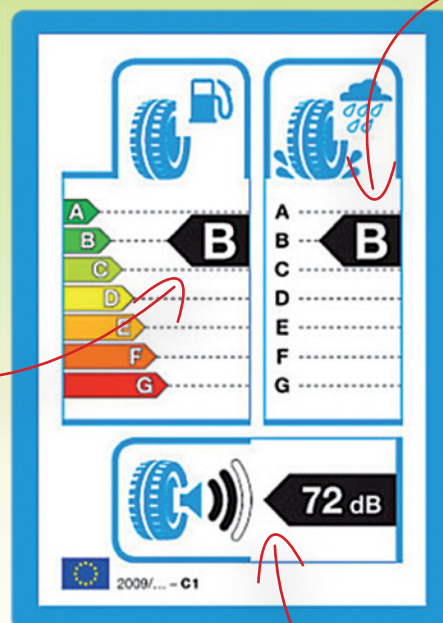
The noise made from a rolling tire may seem like a trivial consideration but drivers who spend long periods of their day on the road often opt for anything that may contribute to a more comfortable driving experience.

## EU labels apply to tires on:

- All cars
- 4x4 vehicles
- Vans and trucks

## Fuel efficiency

The energy lost when a tyre is rolling is expressed as "rolling resistance". Lower rolling resistance reduces fuel consumption and CO2 emissions. A is the highest performance tyre. G is currently the least performing.



## Wet grip

Provides you with information on the tyre's grip on wet roads. Tyres with excellent grip in the wet have shorter braking distances on wet roads.

A indicates the highest wet grip performance. G indicates the lowest wet grip performance.

## Noise levels

The tyre's exterior noise grading is expressed in decibels.

One black wave indicates the best noise level – at least 3dB below the future legal limit.

Three black waves indicates the weakest performance

New Legal noise limits will be introduced between 2012 and 2016.





## Kyoto Japan Reach Conformity Label for European Range of Tires

*Symbol of Quality & Performance*

A	
B	
C	
D	
E	
F	
G	

A	
B	
C	
D	
E	
F	
G	


1222/2009 - C1

EUROPEAN UNION SPECIFICATIONS & STANDARDS




Kyoto Japan Tire Corporation Ltd.  
Tokyo - Japan  
email: [sales@kyotojap.com](mailto:sales@kyotojap.com)  
[www.kyotojap.com](http://www.kyotojap.com)

**SAFETY WARNING**

DEATH OR SERIOUS INJURY MAY RESULT FROM TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING. FOLLOW OWNER'S MANUAL OR TIRE PLACARD IN VEHICLE. EXPLOSION OF TIRE RIM ASSEMBLY DUE TO IMPROPER MOUNTING. FOLLOW KYOTO JAPAN'S RIM INSTALLATION SAFETY PROCEDURES FOR MOUNTING AND INFLATING TIRES, AND CLEAN RIM, LUBRICATE RIM EN BEADS, SECURE TIRE TO MOUNTING MACHINES OR PLACE IN INFLATION CHAMBER. DO NOT EXCEED THE RECOMMENDED PRESSURE TO SEAT BEADS. ONLY SPECIALLY TRAINED PERSONS SHOULD MOUNT TIRES.



# Kyoto Japan European Truck & Bus Radial (TBR) Programme

Size	2014 Full List	EXISTING	3RD QTR 2014	4TH QTR 2014	Kyoto Japan Pattern	Tire Position	Kyoto Load Index	Speed Code	M&S	PR	Tube	Tread Depth	Weight Kgs	Rolling Resistance 	Wet Grip 	Noise Emission 	Qty/ 40'HC
315/80R22.5	1	X			KO407	All Position	154/151	M		18	TL	17,5	62,00	C	D	76	238
	2	X			KO408	Drive	154/151	M	M&S	18	TL	21,0	65,12	D	C	76	238
	3		X		KO433	Steer Construction	156/150	M		20	TL	20,0					
	4		X		KO434	Drive Construction	156/150	M		20	TL	22,0					
	5			X	KO436	Drive	156/150	M		20	TL	22,0					
	6	X			KO490W	Drive Winter	154/151	M	M&S	18	TL	19,0	63,90	F	C	75	238
295/80R22.5	7	X			KO407	All Position	154/152	M		18	TL	17,0	57,00	C	D	76	252
	8	X			KO408	Drive	154/152	M	M&S	18	TL	21,0	60,10	E	C	76	252
	9			X	KO436	Drive	154/152	M		18	TL	21,0					
	10	X			KO490W	Drive Winter	154/152	M	M&S	18	TL	19,0	58,80	F	C	75	252
275/80R22.5	11		X		KO407	All Position	148/145	L		16	TL	13,0	47,30	C	D	76	294
315/70R22.5	12	X			KO407	All Position	152/148	M	M&S	18	TL	15,3	59,60	C	D	76	236
	13			X	KO436	Drive	152/148	M		18	TL	21,0					
	14		X		KO438	Drive	152/148	M		18	TL	21,0					
	15	X			KO490W	Drive Winter	152/148	M	M&S	18	TL	19,1	61,30	F	C	75	236
275/70R22.5	16	X			KO412	All position	148/145	L		16	TL	15,0	48,00	C	E	76	288
255/70R22.5	17		X		KO459	All position	140/137	L		16	TL	13,0	40,00	C	E	74	364
445/65R22.5	18	X			KO413	Trailer	169	K		20	TL	17,0	92,30	C	E	76	124
	19	X			KO415	Drive	169	K		20	TL	17,0	92,30	C	E	76	124
425/65R22.5	20		X		KO413	Trailer	165	K		20	TL	16,0	87,30	C	E	76	144
	21		X		KO415	Drive	165	K		20	TL	16,0	87,30	C	E	76	144
385/65R22.5	22	X			KO413	Trailer	160	K		20	TL	15,0	69,10	C	E	76	192
	23	X			KO415	Drive Construction	160	K		20	TL	15,0	69,10	C	E	76	192
	24	X			KO490W	Drive Winter	160	K	M&S	20	TL	18,5	69,50	F	C	75	192
	25	X			KO412	Steer	152/148	L		16	TL	15,0	54,70	C	E	76	236
315/60R22.5	26	X			KO410	Drive	152/148	L	M&S	16	TL	21,0	57,40	E	C	76	236
	27		X		KO438	Drive	152/148	L		16	TL	21,0					
295/60R22.5	28		X		KO412	All position	149/146	L		16	TL	15,0	50,00	C	E	76	264
	29		X		KO438	Drive	150/147	K			TL						
385/55R22.5	30	X			KO413	Trailer	160	K		20	TL	15,0	66,20	C	E	76	196
	31	X			KO423	Drive	160	K	M&S	20	TL	15,0	66,40	C	E	74	196
13R22.5	32	X			KO414	Steer	154/150	K		18	TL	16,5	64,90	D	D	76	210
	33	X			KO420	Drive	154/150	K		18	TL	20,0	67,70	D	D	76	210
	34			X	KO433	Steer Construction	156/150	K		18	TL	22,0					
	35		X		KO434	Drive Construction	156/150	K		18	TL	22,0					
12R22.5	36	X			KO407	All Position	150/147	M		16	TL	17,8	59,30	C	D	76	240
	37	X			KO408	Drive	150/147	M		16	TL	21,0	63,90	E	C	76	238
	39			X	KO433	Steer Construction	150/147	M		16	TL	21,0					
	38			X	KO434	Drive Construction	150/147	M		16	TL	21,0					
11R22.5	40	X			KO403	All Position	148/145	M		16	TL	15,0	54,30	C	E	76	276
	41	X			KO453	Drive	148/145	M		16	TL	16,0	56,30	E	D	76	276
	43			X	KO433	Steer Construction	148/145	M		16	TL	16,0					
	42			X	KO434	Drive Construction	148/145	M		16	TL	16,0					
285/70R19.5	44		X		KO435	Steer	146/144	M		16	TL	15,0					
	45		X		KO436	Drive	146/144	M		16	TL	15,0					
	46		X		KO437	Trailer	150/148	J		18	TL	15,0					
265/70R19.5	47	X			KO407	Steer	140/138	L		16	TL	13,0	37,10	C	D	76	418
	48		X		KO436	Drive	140/138	M		16	TL	15,0					
	49	X			KO412	Trailer	143/141	J		18	TL	13,0	38,90	C	E	76	418
245/70R19.5	50	X			KO412	Steer	136/134	L		16	TL	13,0	33,70	C	D	76	400
	51		X		KO436	Drive	136/134	M		16	TL	13,0					
445/45R19.5	52		X		KO452	Trailer	160	J									
235/75R17.5	53	X			KO407	Steer	132/130	M		16	TL	13,0	29,90	C	D	76	550
	54		X		KO436	Drive	132/130	M		16	TL	15,0					
	55		X		KO412	Trailer	143/141	J		18	TL	13,0	30,90	C	E	76	550
225/75R17.5	56		X		KO407	Steer	129/127	L		16	TL	15,0		C	D	76	
	57		X		KO436	Drive	129/127	M		16	TL	15,0					
215/75R17.5	58		X		KO435	Steer	126/124	M		16	TL	15,0					
	59		X		KO410	Drive	127/124	L	M&S	16	TL	15,0	27,60	E	C	76	640
	60			X	KO436	Drive	127/124	L		16	TL	15,0					
	61	X			KO412	Trailer	135/133	J		18	TL	12,3	27,00	C	E	76	640
205/75R17.5	62		X		KO435	Steer	124/122	M		16	TL	13,0					
	63		X		KO436	Drive	124/122	M		16	TL	13,0					
245/70R17.5	64		X		KO435	Steer	136/134	M		16	TL	15,0					
	65		X		KO436	Drive	136/134	M		16	TL	15,0					
	66		X		KO437	Trailer	143/141	J		16	TL	15,0					
9.5R17.5	67		X		KO412	Trailer	143/141	J		18	TL	12,0	35,90				510
315/80R22.5	68		X		KO403	?	?	?		?	?	?	?				?
12R22.5	69		X		KO403	?	?	?		?	?	?	?				?





## European Truck & Bus Radial (TBR) Programme

### Applications & Wheel Positions

KO403	KO407	KO408	KO410	KO412	KO413	KO414	KO415	KO420	KO423
Steer /Trailer	All Position	Drive	Drive	All Position	Trailer	Steer	Drive	Drive	Drive
On Road	On Road	On Road	On Road	On Road	On Road	On Road	On Road	On Road	On Road
11R22.5	315/80R22.5 295/80R22.5 275/80R22.5 315/70R22.5 12R22.5 265/70R19.5 235/75R17.5 225/75R17.5	315/80R22.5 295/80R22.5 12R22.5	315/60R22.5 215/75R17.5	275/70R22.5 315/60R22.5 295/60R22.5 265/70R19.5 245/70R19.5 235/75R17.5 215/75R17.5 9.5R17.5	445/65R22.5 425/65R22.5 385/65R22.5 385/55R22.5	13R22.5	445/65R22.5 425/65R22.5 385/65R22.5	13R22.5	385/55R22.5

KO433	KO434	KO435	KO436	KO437	KO438	KO452	KO453	KO458	KO490W
Steer Construction	Drive, Construction	Steer	Drive	Trailer	Drive	Trailer	All position	All Position	Drive Winter
On Road	On/off Road	On Road	On Road	On Road	On Road	On Road	On/off Road	On Road	On Road
315/80R22.5	315/80R22.5 13R22.5	285/70R19.5 215/75R17.5 205/75R17.5 245/70R17.5	285/70R19.5 265/70R19.5 245/70R19.5 235/75R17.5 225/75R17.5 205/75R17.5 245/70R17.5	285/70R19.5 245/70R17.5	315/70R22.5 315/60R22.5 295/60R22.5	445/45R19.5	11R22.5 12.00R20 11.00R20 10.00R20 9.00R20	255/70R22.5	315/80R22.5 295/80R22.5 315/70R22.5 385/65R22.5

# European Truck & Bus Radial (TBR) Tires

## Deluxe Steel Series



### K0403 DELUXE STEEL

**Application:** Steer wheel and trailer wheel, long haul and regional use.

Suitable for good road surface.

**Features:** The slits of the pattern blocks to be opened during driving, which is good for cooling and anti-hydroplaning, side skid resistance, excellent irregular wear resistance.



C



E



76 dB



### K0407 DELUXE STEEL

**Application:** All position, on road.

Suitable to all wheel position of bus on city road and expressway.

Excellent traction and draining performance more original mileage.

Low rolling resistance & noise emission, excellent heat radiation, guiding stability.



C



D



76 dB



### K0408 DELUXE STEEL

**Application:** Drive position, on road.

Suitable for city road and high grade road.

**Features:** Low heat build-up, good tear resistance, higher original mileage, and excellent fuel efficiency. All-weather pattern design, excellent driving and anti-sideslip ability for rainy or snowy weather. Optimized and stronger bead design.



D



C



76 dB



### K0410 DELUXE STEEL

**Application:** Drive wheel and on road.

Suitable to muddy or rough rural road condition.

**Features:** Big block design supplies high grasp ability. Special pattern with stronger draining ability. Special links between lug and rib groove supplies higher cap intensity and anti-wear ability.



E



C



76 dB

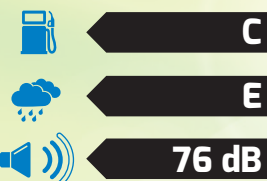




## K0412 DELUXE STEEL

**Application:** Steer and trailer wheel, on road.

Suitable for bus or truck on city road and highway. Features: good draining ability, anti-wet & anti-sideslip performance. Supply high mileage with super anti-wear, low heat build-up pattern formula.

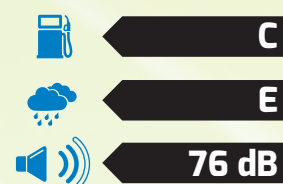


## K0413 DELUXE STEEL

**Application:** Steer and trailer wheel, on road.

Suitable for bus or truck on city road and highway.

**Features:** good draining ability, anti-wet & anti-sideslip performance. Supply high mileage with super anti-wear, low heat build-up pattern formula.

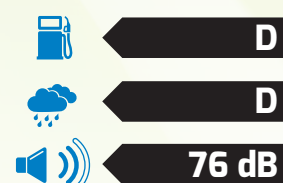


## K0414 DELUXE STEEL

**Application:** All wheel position, on and off road.

Suitable for highway or city road.

**Features:** Excellent anti-irregular-wear performance and high mileage. Excellent traction performance, good tear&puncture resistance and longlife. Optimized and stronger bead design.

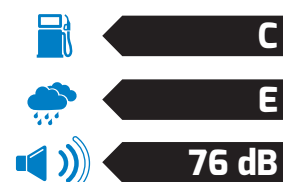


## K0415 DELUXE STEEL

**Application:** Drive and steer wheel of truck.

Suitable for truck on high grade road.

**Features:** Low profile and wide section heavy-duty radial tire, mix pattern design, with strong driving ability. Low heat build-up, higher original mileage, excellent fuel efficiency.





### K0420 DELUXE STEEL

**Application:** Drive wheel, short haul on bad road.

Suitable for high grade road.

**Features:** High grip, good driving, quick heat dispersion, super load. Pattern designed for tear&puncture resistance, excellent fuel efficiency, higher original mileage. Optimized and stronger bead design.



D



D



76 dB



### K0423 DELUXE STEEL

**Application:** Steer and trailing position, on city road and highway.

**Features:** Good draining ability, anti-wet& anti-sideslip performance. Supply high mileage with super anti-wear, low heat build-up pattern formula.



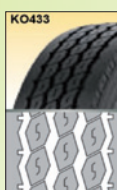
C



E



74 dB



### K0433 DELUXE STEEL

**Application:** Steer and trailer wheel, on road.

Suitable for high speed on good road surface application. With excellent anti-side-skid character, low rolling resistance, good driving stability.

Low heat generating, low rolling resistance, good high-speed property.



-



-



- dB



### K0434 DELUXE STEEL

**Application:** Drive wheel, on & off road.

Suitable for relatively poor road surface. M+S pattern, with good traction character. Long mileage character and anti-puncture.



-



-



- dB

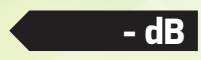
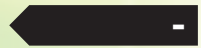




## K0435 DELUXE STEEL

**Application:** Trailer wheel, on road.

Suitable for highway and good road condition, with good drainage and anti-side-skid character. Low heat generating, low rolling resistance.

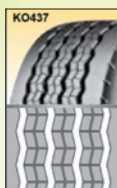
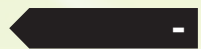
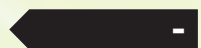


## K0436 DELUXE STEEL

**Application:** Drive wheel, on road.

Suitable for highway and good condition. M+S pattern, with good grip character and traction character.

Good anti-wearing character, long-mileage.

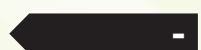


## K0437 DELUXE STEEL

**Application:** Trailer wheel, on road.

Suitable for highway and good road condition, with good drainage and anti uneven wearing character.

Good driving stability.



## K0438 DELUXE STEEL

**Application:** Drive wheel, on& off road.

Suitable short to long distance journeys on all roads, in all seasons.





## KO452 DELUXE STEEL

**Application:** Trailer wheel, on road.

Suitable for driving on good road surface application.

With excellent anti-side-skid character and excellent anti-uneven wear character. Low heat generating, low rolling resistance.



-



-



- dB



## KO453 DELUXE STEEL

**Application:** All wheels, on road.

Suitable for bus on city road and expressway.

**Features:** Excellent traction and draining performance more original mileage.



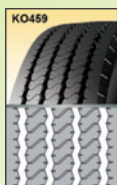
-



-



- dB



## KO459 DELUXE STEEL

**Application:** All Position, on Road.

Suitable to middle for long distance transportation on highway or city road. Pattern designed with super anti-sideslip and anti-wet performance.

Supplies high fuel efficiency with low rolling resistance, low noise emission and anti-irregular-wear performance.

Super strong bead construction gives excellent high speed endurance ability.



-



-



- dB



## KO490W DELUXE STEEL

**Application:** Drive Winter, on Road.

Suitable to muddy or rough rural road condition. Big block design suppliers high grasp ability. Special pattern with stronger draining ability.



F



C

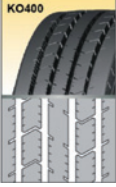




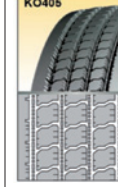





























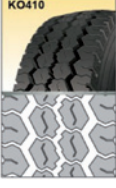




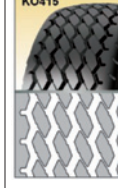

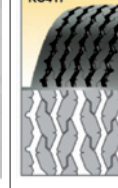
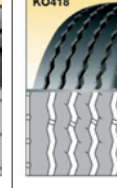














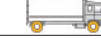






















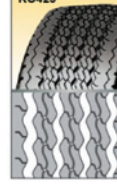
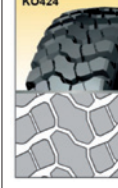

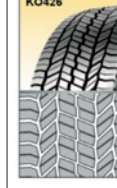
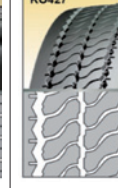

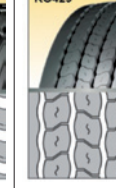














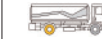

































75 dB



## International Truck & Bus Radial (TBR) Tires – Deluxe Steel Series

Series	Range	Size	No.	Kyoto Japan Pattern	Family	Tire Position	Load Index	Speed Index	PR	Tube Type	Weight Kgs/ Tire	Tread Depth MM	Quantity per 40HQ	Rim	Load Dual Kgs	Load Single Kgs	Pressure Kpa	Section Width MM	Q.D MM
24	-	1200R24	1	K0402	Deluxe Steel	All Position ,On/Off Road	156/153	K	18	TT	88.00	17,00	173	8,50	3680	4195	840	313	1226
			2	K0411	Deluxe Steel	All Position On/off Road	158 /155	K	18	TT	91.42	17,50	173	8,50	4250	3875	830	315	1226
			3	K0424	Deluxe Steel Super Load	Super Load, Drive, On Road	160/157	K	20	TT	93.00	20,50	173	8,50	4125	4500	900	310	1237
			4	K0425	Deluxe Steel	Drive, On Road	160/157	K	20	TT	83.00	21,00	190	8,50	4125	4500	900	315	1226
			5	K0403	Deluxe Steel	Steer /Trailer On Road	154/151	M	18	TL	64.62	19	230	9,00	3450	3750	830	312	1076
			6	K0405	Deluxe Steel	Steer,Trailer,On Road	156/150	L	20	TL	64.00	16	235	9,00	3350	4000	850	312	1076
			7	K0409	Deluxe Steel	Steer, Trailer ,On Road	154 /151	M	18	TL		17	238	9,00	3450	3750	830	312	1076
			8	K0422	Deluxe Steel	Drive, On Road	154/151	M	18	TL	66.58	16	230	9,00	3450	3750	830	312	1076
			9	K0426	Deluxe Steel	All Position On/off Road	156/150	L	20	TL	63.50	18	240	9,00	3350	4000	850	312	1076
			10	K0427	Deluxe Steel	All Position On Road	154/ 151	M	18	TL	66.00	18	235	9,00	3450	3750	830	312	1076
			11	K0428	Deluxe Steel	All Position On/off Road	156/150	M	20	TL	62.50	22	220	9,00	3450	3750	830	312	1076
			12	K0430	Deluxe Steel	All Position On/off Road	156/150	L	20	TL	65.50	18	240	9,00	3350	4000	850	312	1076
			13	K0440	Deluxe Steel	Trailer ,On Road	154 /151	K	18	TL		22	240	9,00	3450	3750	830	312	1076
			14	K0444	Deluxe Steel	Drive, On /off Road	157/ 154	K	20	TL		22		9,00	3750	4125	900	312	1076
			15	K0405	Deluxe Steel	Steer,Trailer,On Road	152/149	M	18	TL	59.00	14,80	250	9,00	3250	3550	900	298	1044
			16	K0416	Deluxe Steel	Steer,Trailer,On Road	152/149	M	18	TL	59.20		250	9,00	3250	3550	900	298	1044
			17	K0422	Deluxe Steel	All position, On Road	152/148	M	18	TL	63.04	16,00	254	9,00	3075	3350	830	298	1044
			18	K0426	Deluxe Steel	All Position On/off Road	152/149	M	18	TL	58.00	18,00	250	9,00	3075	3350	830	298	1050
			19	K0427	Deluxe Steel	All Position, On Road	152/149	M	18	TL	62.00	18,00	250	9,00	3550	3250	900	298	1044
			20	K0400	Deluxe Steel	Steer , Trailer On Road	148/145	M	16	TL	49.00	19,20	320	8,25	2900	3150	900	276	958
			21	K0401	Deluxe Steel	All Position, On Road	144/141	M	16	TL	44,60	15,00	320	8,25	2575	2800	830	276	958
			22	K0417	Deluxe Steel	Steer,Trailer,On Road	160	K	20	TL	74.20	15,00	195	11,75	4500	4500	900	389	1072
22,5	-	315/80R22.5	23	K0418	Deluxe Steel	Trailer,On Road	160	J	20	TL	77.30		190	11,75	4500	4500	900	389	1076
			24	K0402	Deluxe Steel	All Position ,On/off Road	156/150	L	18	TL	75.16	17,50	210	9,75	3450	3750	830	320	1124
			25	K0421	Deluxe Steel	Drive, On/off Road	156/150	L	18	TL	76.53		210	9,75	3450	3750	830	320	1124
			26	K0440	Deluxe Steel	Trailer ,On Road	154 /151	L	18	TL			210	9,75	3450	3750	830	320	1136
			27	K0444	Deluxe Steel	Drive , On/off Road	154/ 151	K	18	TL				9,00	3750	3450	830	316	1140
			28	K0457	Deluxe Steel	All position	154 /151	K	18	TL		19,50	210	9,75	3450	3750	830	320	1124
			29	K0403	Deluxe Steel	Steer /Trailer On Road	150/147	M	16	TL	62.11	16,00	238	9,00	3075	3350	830	300	1085
			30	K0405	Deluxe Steel	Steer,Trailer,On Road	150/147	L	16	TL	63.50	14,80	240	9,00	3075	3350	830	300	1085
			31	K0406	Deluxe Steel	Steer Drive,On /off Road	152/149	F	18	TL	66.64	23,00	238	9,00	3075	3350	930	300	1096
			32	K0409	Deluxe Steel	Steer, Trailer ,On Road	150/147	M	16	TL	62.11	15,50	238	9,00	3075	3350	830	300	1085
			33	K0419	Deluxe Steel	All Position, On Road	152 /149	K	18	TL		15,00	238	9,00	3250	3550	930	300	1085
			34	K0427	Deluxe Steel	All Position, On Road	150/147	L	16	TL	65.00	18,00	240	9,00	3075	3350	830	300	1085
			35	K0440	Deluxe Steel	Trailer ,On Road	152 /148	L	18	TL		23,00	240	9,00	3150	3550			
			36	K0442	Deluxe Steel	Drive ,On Road	152 /149	L	18	TL		16,50	240	9,00	3250	3550	930	300	1085
			37	K0457	Deluxe Steel	All position	152 /149	K	18	TL		18,00	238	9,00	3350	3250	930	300	1085
			38	K0405	Deluxe Steel	Steer,Trailer,On Road	146/143	M	16	TL	54.00	14,80	270	8,25	2725	3000	730	279	1054
			39	K0409	Deluxe Steel	Steer, Trailer ,On Road	148/144	M	16	TL	53.49	15,00	286	8,25	2725	3000	830	279	1054
			40	K0427	Deluxe Steel	All Position, On Road	146/143	L	16	TL	58.00	17,50	250	8,25	2725	3000	830	279	1054
			41	K0440	Deluxe Steel	Trailer ,On Road	146/ 143	M	16	TL	61.89	19,00	270	8,25	2725	3000	830	278	1065
			42	K0444	Deluxe Steel	Drive, On /off Road	146/143	K	16	TL		23,00							
20	-	12.00R20	43	K0402	Deluxe Steel Super Load	All Position ,On/off Road	154 /151	K	18	TT		?	220	8,50	3450	3750	830	315	1125
			44	K0402	Deluxe Steel	All Position ,On/off Road	154/149	K	18	TT	82.98	17,50	220	8,50	3450	3750	830	315	1125
			45	K0404	Deluxe Steel	Drive/steer, Off Road	154/151	F	18	TT	88.60	21,50	208	8,50	3450	3750	830	315	1134
			46	K0419	Deluxe Steel	All Position, On Road	154/ 151	K	18	TT		16,50		8,50	3450	3750	830	315	1125
			47	K0432	Deluxe Steel	All Position, On/off Road	154/151	J	18	TT			230	8,50	3450	3750	830		
			48	K0491	Deluxe Steel	Drive,Trailer On/off road	154/151	G	18	TT	81.11	21,00	230	8,50	3450	3750	830	315	1136
			49	K0453	Deluxe Steel	All position	154/151	K	18	TT	78.08	17,50	230	8,50	3450	3750	830	315	1125
			50	K0424	Deluxe Steel	Drive,Trailer	154/151	K	18	TT		17,00	230	8,50	3450	3750	830	315	1125
			51	K0457	Deluxe Steel	All position	154/151	K	18	TT		16,00	230	8,50	3450	3750	830	315	1125
			52	K0458	Deluxe Steel	Mining	154/151	E	18	TT	85.47	24,50	230	8,50	3450	3750	830	315	1125
			53	K0483	Deluxe Steel	Drive,Trailer 22 PR Mining	154/151	K	18	TT	77.35	20,50	230	8,50	3450	3750	830	315	1125
			54	K0402	Deluxe Steel Super Load	All Position ,On/off Road	152 /149	K	18	TT	76.00	17,00	238	8,00	3250	3350	930	286	1082
			55	K0402	Deluxe Steel	All Position, On/off Road	152 /149	K	18	TT	71.48	17,00	238	8,00	3250	3550	930	293	1085
			56	K0402	Deluxe Steel	All Position ,On/off Road	152/149	K	18	TT	68.80	15,50	238	8,00	3250	3550	930	293	1085
			57	K0402	Deluxe Steel	All Position ,On/off Road	152/149	K	18	TT	73.10	17,00	238	8,00	3250	3350	930	293	1085
			58	K0403	Deluxe Steel	Steer /Trailer On Road	152/149	K	18	TT	72.09	16,00	238	8,00	3250	3350	930	293	1085
			59	K0453	Deluxe Steel	All position	152/149	K	18	TT	74.17	17,00	240	8,00	3250	3550	930	293	1085
			60	K0419	Deluxe Steel	All Position, On Road	152 /149	K	18	TT		16,00	240	8,00	3250	3550	930	293	1085
			61	K0491	Deluxe Steel	Drive,Trailer On/off road	152/149	G	18	TT		19,00	240	8,00	3250	3550	930	293	1096
			62	K0424	Deluxe Steel	Drive,Trailer	152/149	K	18	TT	72.26	16,50	240	8,00	3250	3550	930	293	1085
			63	K0457	Deluxe Steel	All position	152/149	K	18	TT		16,00	240	8,00	3250	3550	930	293	1085
19,5	70	245/70R19.5	64	K0402	Deluxe Steel Super Load	All Position ,On/off Road	146/ 143	K	16	TT	66.00	16,00	270	7,50	2630	3000	840	278	1054
			65	K0402	Deluxe Steel	All Position ,On/off Road	149/146	K	18	TT	65.75	16,00	270	7,50V8.0	3000	3250	930	278	1054
			66	K0402	Deluxe Steel	All Position ,On/off Road	149/146	K	18	TT	62.71	17,00	270	7,50V8.0	3000	3250	930	278	1054
			67	K0403	Deluxe Steel	Steer /Trailer On Road	149/146	K	18	TT	60.12	15,00	270	7,50V8.0	3000	3250	930	278	1054
			68	K0404	Deluxe Steel	Drive/steer Off Road	149/146	F	18	TT	66.59	20,50	270	7,50V8.0	3000	3250	930	278	1065
			69	K0453	Deluxe Steel	All position	152/149	K	18	TT	64.54	17,00	270	7,50	2725	3000	830	278	1054
			70	K0424	Deluxe Steel	Drive,Trailer	152/149	G	18	TT	68.45	19,00	270	7,50	3000	3250	930	278	1065</

									
Steer/Trailer On Road	All Position On Road	All Position On/Off Road	Steer/Trailer On Road	Drive/Steer Off Road	Steer/Trailer On Road	Steer/Drive/On Off Road	All Position On Road	Drive On Road	Steer/Trailer On Road
275/70R22.5	275/70R22.5	1200R24 13R22.5 12.00R20 11.00R20 10.00R20 9.00R20	315/80R22.5 12R22.5 11R22.5 11.00R20 10.00R20 9.00R20	12.00R20 10.00R20	315/80R22.5 295/80R22.5 12R22.5 11R22.5	12R22.5	315/80R22.5 295/80R22.5 275/80R22.5 315/70R22.5 12R22.5 265/70R19.5 235/75R17.5 225/75R17.5	315/80R22.5 295/80R22.5 12R22.5	12R22.5 11R22.5
									
									
									
									
									
Drive On Road	All Position On/off Road	All Position On Road	Trailer On Road	Steer On Road	Drive On Road	Steer/Trailer On Road	Steer/Trailer On Road	Trailer On Road	All Position On Road
315/60R22.5 215/75R17.5	1200R24	275/70R22.5 315/60R22.5 295/60R22.5 265/70R19.5 245/70R19.5 235/75R17.5 215/75R17.5 9.5R17.5	445/65R22.5 425/65R22.5 385/65R22.5 385/55R22.5	13R22.5	445/65R22.5 425/65R22.5 385/65R22.5	295/80R22.5	385/65R22.5	385/65R22.5	12R22.5 12.00R20 11.00R20
									
									
									
									
									
									
									
Drive On Road	Drive On/off Road	Drive On Road	Drive On Road	Drive On Road	Drive Off Road	All Position On/off Road	All Position On Road	All Position On/off Road	Steer/Trailer On Road
13R22.5	13R22.5	315/80R22.5	385/55R22.5	12.00R24 12.00R20 11.00R20 10.00R20 9.00R20	12.00R24	315/80R22.5 295/80R22.5	315/80R22.5 295/80R22.5 12R22.5 11R22.5	315/80R22.5	245/70R19.5 235/75R17.5 215/75R17.5
									
									
									
									
									
									
									



## Kyoto Japan International Radial TBR Range - Applications & Wheel Positions

KO430	KO432	KO433	KO434	KO435	KO436	KO437	KO438	KO440	KO442
All Position	All Position	Steer Construction	Drive, Construction	Steer	Drive	Trailer	Drive	Trailer	Drive
On/off Road	On/off Road		On/off Road	On Road	On Road	On Road	On Road	On Road	On Road
315/80R22.5	12.00R20	315/80R22.5	315/80R22.5 13R22.5	285/70R19.5 215/75R17.5 205/75R17.5 245/70R17.5	285/70R19.5 265/70R19.5 245/70R19.5 235/75R17.5 225/75R17.5 205/75R17.5 245/70R17.5	285/70R19.5 245/70R17.5	315/70R22.5 315/60R22.5 295/60R22.5	11R22.5	12R22.5
			<						

# International TBR Programme

## Truck & Bus Radial Tires-Deluxe Steel Series



### K0400 DELUXE STEEL

**Application:** Steer, traction or trailer wheel for regional use.

Suitable for driving on good road surface.

**Features:** Anti-side-skid, low noise, low rolling resistance and good high-speed character.



### K0401 DELUXE STEEL

**Application:** Steer and trailer wheel, regional use.

Suitable for highway and good quality road use.

**Features:** Anti-side-skid, low rolling resistance, low noise and heat, high speed driving character.



### K0402 DELUXE STEEL

**Application:** Steer wheel, drive wheel and trailer wheel, on / off road.

Suitable for mixed road surface and relatively poor road surface.

**Features:** Good for on and off roads, excellent resistance to cracking and tearing, superior traction and durability.



### K0403 DELUXE STEEL

**Application:** Steer wheel and trailer wheel, long haul and regional use.

Suitable for good road surface.

**Features:** The slits of the pattern blocks to be opened during driving, which is good for cooling and anti-hydroplaning, side skid resistance, excellent irregular wear resistance.







## K0404 DELUXE STEEL

**Application:** Steering wheel or drive wheel.

Suitable for low speed in mine area or bad road .

**Features:** Good for off roads, good for rigid roads, great grip in gravel conditions, self-cleaning, anti-wear and anti-puncture character.



## K0405 DELUXE STEEL

**Application:** Steering and trailer wheel , on road.

Suitable for high speed on good road surface application.

**Features:** Anti-side-skid ,low rolling resistance, low noise and heat, high speed driving character.



## K0406 DELUXE STEEL

**Application:** Steer drive wheel, on /off road.

Suitable for low speed on mine and forestry road.

**Features:** Anti-wear, anti-breach and anti-puncture.



## K0407 DELUXE STEEL

**Application:** All position, on road.

Suitable to all wheel position of bus on city road and expressway.  
Excellent traction and draining performance more original mileage.  
Low rolling resistance & noise emission, excellent heat radiation, guiding stability.





### K0409 DELUXE STEEL

**Application:** Steering and trailer wheel.

Suitable for long distance on high way or good road condition.

**Features:** Good drainage, anti-side-skid, anti-uneven, low rolling-resistance, stability and easy handling.



### K0411 DELUXE STEEL

**Application:** Steer wheel and trailer wheel, long haul and regional use.

Suitable for good road surface.

**Features:** The slits of the pattern blocks to be opened during driving, which is good for cooling and anti-hydroplaning, side skid resistance, excellent irregular wear resistance.



### K0416 DELUXE STEEL

**Application:** Steering and trailer wheel, regional use.

Suitable for highway and good quality road.

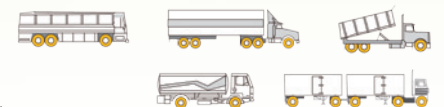
**Features:** Superior anti-aquaplaning, side skid resistance, low rolling resistance, cooling drive, excellent high-speed performance.



### K0419 DELUXE STEEL

**Application:** All wheel position, on road.

Apply to all tire position of heavy truck on good road conditions, which is the best choice for long-medium distance travel.







## K0420 DELUXE STEEL

**Application:** Drive wheel, short haul on bad road.

Suitable for high grade road.

**Features:** High grip, good driving, quick heat dispersion, super load. Pattern designed for tear&puncture resistance, excellent fuel efficiency, higher original mileage. Optimized and stronger bead design.



## K0421 DELUXE STEEL

**Application:** Drive wheel, on/off use.

Suitable for highway and mixed road.

**Features:** Good anti-wearing, low heat, anti-wearing and good traction.



## K0422 DELUXE STEEL

**Application:** Drive wheel, regional use.

Suitable for highway and good road inside city.

**Features:** Excellent grip ability and traction character long mileages and anti-wearing characters.



## K0424 DELUXE STEEL

**Application:** Drive wheel, on /off use.

Suitable for highway and mix road.

**Features:** Good for mixed service, sidewall cut resistance and good in high-speed performance.

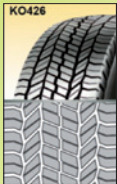




## KO425 DELUXE STEEL

**Application:** Drive & traction wheel, on /off use.

Suitable for driving wheel and traction on different low grade road, avoiding clipping stones. Puncture cracking, good resistance to corrosion with long lifetime.



## KO426 DELUXE STEEL

**Application:** All wheels, on road.

Suitable for highway and freeway for long distance and national transportation service.

**Features:** Lower heat build-up, lower rolling resistance and minimized gasoline consumption ,low noise .Unique shoulder design provides excellent performance under long distance driving applications.

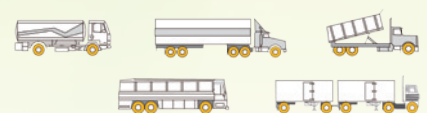


## KO427 DELUXE STEEL

**Application:** All wheels, on road.

Suitable for long haul application of truck.

**Features:** excellent water drainage and heat dispersion performance, low heating up and rolling resistance.

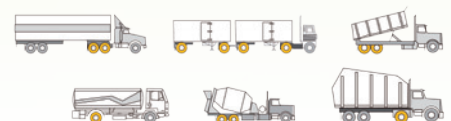


## KO428 DELUXE STEEL

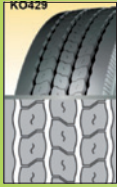
**Application:** All position wheel, on & off application.

Suitable for highway and mix road use.

**Features:** M+S pattern,with good traction character. Good anti-wearing character, long mileage and low heat generating.







## KO429 DELUXE STEEL

**Application:** Steer and trailer wheels, on road.

Suitable for high speed on highway and good roads.

**Features:** good water drainage and heat dispersion, low heating up and low noise.



## KO430 DELUXE STEEL

**Application:** All wheels, on & off highway.

Suitable for high way and freeway.

**Features:** Super load capacity with reinforced steel belt, anti wet road.

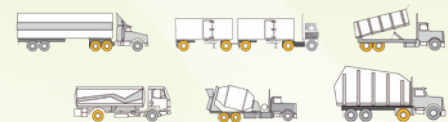


## KO432 DELUXE STEEL

**Application:** All position wheel, on & off application.

Suitable for highway and mix road use.

**Features:** M+S pattern, with good traction character.  
Good anti-wearing character, long mileage and low heat generating.



## KO434 DELUXE STEEL

**Application:** Drive wheel, on & off road.

Suitable for relatively poor road surface. M+S pattern, with good traction character. Long mileage character and anti-puncture.





### KO453 DELUXE STEEL

**Application:** All wheels, on road.

Suitable for bus on city road and expressway.

**Features:** excellent traction and draining performance more original mileage.



### KO457 DELUXE STEEL

**Application:** All wheels, on&off road.

Suitable for heavy truck on mixed highway and freeway.

**Features:** Lower heat build-up, excellent puncture and cut resistance and minimized gasoline consumption and superload .



### KO458 DELUXE STEEL

**Application:** Drive wheel, on&off road.

Suitable for heavy truck on good road condition.

**Features:** Good traction and anti-wearing character. Low heat generating and good high speed driving character .



### KO483 DELUXE STEEL

**Application:** Drive,Trailer, on/off road.

Apply to rear and trailer tire for different type vehicle and different road conditions, which is the best choice for short-medium distance and overloading travel vehicles, especially for travel less than 200km.







## K0490W DELUXE STEEL

**Application:** Drive Winter, On Road.

Suitable to muddy or rough rural road condition. Big block design supplies high grasp ability. Special pattern with stronger draining ability.



## K0491 DELUXE STEEL

**Application:** Drive, Trailer, on/off road.

Apply to rear tire and trailer tire for different type vehicle and different road conditions, which is the best choice for short-medium distance and overloading travel vehicles, especially for travel less than 200km.



# Light Truck Radial (LTR) Tires

## Panther Series



### K0610 PANTHER

**Application:** Good for off the road service and high traction capability both in wet and dry conditions.

**Features:** Wide angled lateral grooves and blocks.



### K0615 PANTHER

**Application:** Anti-slip all season sipe.

**Features:** Silent pitch arrangement. Special shoulder block design. Streamline transversal grooves. Green tread compound



### K0620 PANTHER

**Application:** All-season and all position radial, wider footprint

**Features:** Tire structure, 3 main grooves. High mileage compound



### K0630 PANTHER

**Application:** Suitable for light truck, heavy duty truck and bus.

**Features:** Special tread compound design for lower heat build-up, excellent puncture and cut resistance and minimized gasoline consumption. Super steel belt carcass construction enhances casing strength and maximizes tyre load capacity. Three ribs with horizontal lines on the shoulder optimize speed and traction performance, gives excellent performance on wet road.





## K0631 PANTHER

**Application:** Apply to all tire position.

**Features:** On good road conditions, especially for light truck and bus



## K0632 PANTHER

**Application:** Mixed highway and freeway, all position heavy duty rib tyre for on/off highway application.

**Features:** Special tread compound design for lower heat build-up, excellent puncture and cut resistance and minimized gasoline consumption. Super steel belt carcass construction enhances casing strength and maximizes tyre load capacity. Three ribs with horizontal lines on the shoulder optimize speed and traction performance, gives excellent performance on wet road.

Series	Range	Size	No.	Kyoto Japan Pattern	Family	Tire Position	Load Index	Speed Index	PR	Tube Type	Weight Kgs/Tire	Tread Depth MM	Quantity per 40HQ	Rim	Load Dual Kgs	Load Single Kgs	Pressure Kpa	Section Width MM	O.D MM
16	-	8.25R16 LT	1	K0632	Panther	All Wheel Positions	128/124	L	16	TT	35,20	15,50	550	6.50H	1600	1800	770	235	865
			2	K0630	Panther	All Wheel Positions	128/124	L	16	TT	34,00	14,50	550	6.5H	1600	1800	770	235	855
		7.50R16 LT	3	K0632	Panther	All Wheel Positions	122/118	L	14	TT	30,30	14,50	620	6.00G	1320	1500	770	215	805
			4	K0631	Panther	All Wheel Positions	122/118	L	14	TT	30,50	/	620	6.00G	1320	1500	770	218	806
			5	K0630	Panther	All Wheel Positions	122/118	L	14	TT	29,80	13,50	620	6.00G	1320	1500	770	215	805
		7.00R16 LT	6	K0632	Panther	All Wheel Positions	118/114	L	14	TT	25,40	10,50	700	5.50F	1180	1320	770	200	783
			7	K0630	Panther	All Wheel Positions	118/114	L	14	TT	25,40	10,50	700	5.50F	1180	1320	770	200	775
15	-	195R15 C	8	K0620	Panther	All Wheel Positions	106/104	Q	8	TL	12,65	9,00	1100	5 1/2J	900	950	450	196	693
14	-	195R14 C	9	K0620	Panther	All Wheel Positions	106/104	Q	8	TL	12,12	9,00	1250	5 1/2J	900	950	450	196	668
		185R14 C	10	K0620	Panther	All Wheel Positions	102/100	Q	8	TL	11,16	8,70	1330	5 1/2J	800	850	450	189	652
12	-	5.00R12LT	11	K0610	Panther	All Wheel Positions	/	P	8	TL	/	/	/	3.50B	487	545	550	143	568
		155R12 C	12	K0615	Panther	All Wheel Positions	83/81	Q	6	TL	6,85	7,60	2500	4.50B	462	487	350	184	684

# Truck & Bus Bias (TBB) Tires

## Power Fleet Series



### KO302R POWER FLEET

**Pattern:** Lug along with twist RIB pattern on the running surface.

**Features:** Designed for on and off tough road and good traction.



### KO305RB/KO305R POWER FLEET

**Pattern:** 4 grooves rib-type pattern, bevels on shoulders.

**Features:** Applicable for steering, low rolling resistance, heat resistance, long wear and side skid resistance.



### KO306R SUPER LOAD

**Pattern:** Square lateral grooves pattern, pattern depth 22 mm, open shoulders.

**Features:** Special load and durability design, excellent resistance to cuts and tearing, all terrains.



### KO306/KO306RB POWER FLEET

**Pattern:** Square lateral grooves pattern, open shoulders.

**Features:** High load capacity and good durability, excellent resistance to cuts and tearing, good cornering, all terrains.



### KO311 POWER FLEET

**Pattern:** 4 grooves rib-type pattern, bevels on shoulders

**Features:** Applicable for steering, low rolling resistance, heat resistance, long wear and side skid resistance.



## Light Truck Bias (LTB) Tires

### Super Rib Series



#### KO501RB/KO501 SUPER RIB

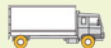


**Pattern:** High speed light trucks and trucks, low rolling resistance.

**Features:** Runs at high speed, with excellent side-skidding resistance, high temperature resistance and heat dispersion, beautiful pattern, suitable to ride at high speed on expressway and good road.



#### KO503RB SUPER RIB

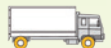


**Pattern:** Specially designed for high speed light trucks, low rolling resistance.

**Features:** Runs at high speed, with excellent side-skidding resistance, high temperature resistance and heat dispersion, beautiful pattern, suitable to ride at high speed on expressway and good road.



#### KO505R SUPER RIB

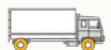


**Pattern:** Super load property.

**Features:** Durability, heat and wear resistances make conventional tire never comparable.



#### KO507R SUPER RIB

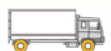


**Pattern:** Open shoulder with deeper lug pattern along with two grooves, tread depth 17.58 mm. Rib and lug mixed pattern design provides overall excellent property of rib and lug pattern.

**Features:** Specially Designed for super overloading and bad road. Peculiar sliced steel inserting design strengthen the tire's side-skidding resistance, improves vehicles' control property and steering ability. Easy to disperse heat, suitable to ride at high speed on good road.



#### KO509 SUPER RIB



**Pattern:** Mainly suitable to ride in mining area and on forest farm, trucks with trailers riding on broken highway surface.

**Features:** Designed for drive shaft, peculiar pattern design provides powerful traction, long distance ride ability, with excellent wear and cutting resistance.



# Butyl Inner Tubes

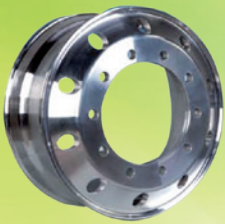
Series	Size	No	Applied Valves	Pcs/Carton	Pcs/20FCL
<b>BUTYL INNER TUBES</b>					
TBR/LTR	1200R24	1	TR78A	4	2340
	11.00R22.5	2	TR78A/TR179A/TR444	7	4095
	11.00R22	3	TR78A/TR179A/TR444	7	4095
	14.00R20	4	TR78A/TR179A	4	2340
	13.00R20	5	TR78A/TR179A	4	2340
	12.00R20	6	TR78A/TR179A	6	3510
	11.00R20	7	TR78A/TR179A	7	4095
	10.00R20	8	TR78A/TR175A	9	5265
	9.00R20	9	TR78A/TR175A	10	5850
	8.25R20	10	TR15/TR75A	12	7020
	7.50R20	11	TR15/TR75A	12	7020
	8.25R16	12	TR177A/TR75A	18	10530
	7.50R16	13	TR177A/TR75A/TR15	20	11700
	7.00R16	14	TR177A/TR75A/TR15	20	11700
	6.50R16	15	TR13/TR15/TR75A	20	11700
	8.50R15	16	TR77A	18	10530
	7.50R15	17	TR75A/TR75A	20	11700
	7.00R15	18	TR13/TR15/TR75A/TR75A	20	11700
TBB/LTB	12.00-24	1	TR78A	4	2340
	12.00-20	2	TR78A	6	3510
	11.00-20	3	TR78A/TR179A	7	4095
	10.00-20	4	TR78A	9	5265
	9.00-20	5	TR78A/TR75A	10	5850
	8.25-20	6	TR75A	12	7020
	7.50-20	7	TR15/TR75A	12	7020
	8.25-16	8	TR177A/TR75A	18	10530
	7.50-16	9	TR177A/TR75A/TR15	20	11700
	7.00-16	10	TR177A/TR75A/TR15	20	11700
	6.50-16	11	TR13/TR15/TR75A	20	11700
	8.25-15	12	TR75A	18	10296
	7.50-15	13	TR75A	20	10600
	7.00-15	14	TR75A	20	10600
	7.00-12	15	TR75A	20	11400
OTR	16.00-24/25	1	TRJ1175C	2	1320
	18.00-24/25	2	TRJ1175C	2	1320
	17.7-25	3	TRJ1175C	2	1320
	20.5-25	4	TRJ1175C	2	1320
	23.5-25	5	TRJ1175C	2	1320
TRAILER	3.00/3.50-8	1	TR13,JS87	30	23500
	3.50/4.00-8	2	TR13,JS87	50	38900
	4.80/4.00-8	3	TR13,JS87	50	38900
	4.50-10	4	TR13	50	28600
	5.00-10	5	TR13	50	26600
	145-10	6	TR13	50	26600
	20.5*8.00-10	7	TR13	50	26600
	4.80/4.00-12	8	TR13	50	31800
	5.30/4.50-12	9	TR13	20	15500
	E78-14	10	TR13	20	11400
	F78-14	11	TR13	20	11400
	7-14.5	12	TR13	20	11400
	8-14.5	13	TR13	20	11400
	F78-15	14	TR13/TR15	20	10600
	G78-15	15	TR13/TR15	20	10600
	H78-15	16	TR13/TR15	18	10296

Other sizes of Butyl Inner Tubes are available upon request.  
Individual Retail Boxes can be arranged upon request.

## Truck & Bus Wheels

Alumimium Alloy

### WHEELSIZE 22.5X9.00



Wheelsize	Offset	Bolt hole	P.C.D (mm)	Hole dia (mm)	B.C.D. (mm)	Max Load (kg)	Weight (kg)
22.5x9.00	177	10	335	32,5	281,2	4125	26,4
22.5x9.00	177	10	285,75	26	220	4125	28,1
22.5x9.00	177	10	285,75	32,5	220	4125	27,9
22.5x9.00	177	10	335	26,75	281,2	4125	26,5
22.5x9.00	177	10	335	26	281,2	4125	26,54
22.5x9.00	177	10	285,75	32.5R22	220	4125	27,5

### WHEELSIZE 22.5X8.25



Wheelsize	Offset	Bolt hole	P.C.D (mm)	Hole dia (mm)	B.C.D. (mm)	Max Load (kg)	Weight (kg)
22.5x9.00	168	10	285,75	32,5	281,2	3360	24,15
22.5x9.00	168	10	285,75	26,75	220	3360	24,43
22.5x9.00	168	10	285,75	32,5	220	3360	24,45

### WHEELSIZE



Wheelsize	Offset	Bolt hole	P.C.D (mm)	Hole dia (mm)	B.C.D. (mm)	Max Load (kg)	Weight (kg)
19.5x6.75	156	8	275	24,5	221	3000	17,65
19.5x6.75	156	8	275	26,75	221	3000	17,6
19.5x6.75	156	10	285,75	26	220	3000	17,6



# Truck & Bus Wheels

## Steel

### WHEELSIZE 17.5×6.75



Wheelsize 17.5×6.75	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
17.5×6.75	26	10	1*45°	225	176	10 12	153	9R17.5 9.5R17.5 235/75R17.5 225/75R17.5

### WHEELSIZE 19.5×7.50



Wheelsize 19.5×7.50	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
19.5×7.50	32,5	8	SR22	275	214	12	145	10R19.5 245/70R19.5 265/70R19.5 285/70R19.5
19.5×7.50	26	8	1*45°	275	221		152	
19.5×7.50	32,5	8	SR22	285	221		145	

### WHEELSIZE 22.5×7.50



Wheelsize 22.5×7.50	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
22.5×7.50	32	10	SR22	285,75	222	14	158	10R22.5 11R22.5 255/70R22.5 265/70R22.5 275/70R 22.5 275/80R 22.5
22.5×7.50	27	10	1*45°	335	281		152	

### WHEELSIZE



Wheelsize 22.5×7.50	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
22.5×8.25	32	10	SR22	ø285,75	ø222	14 16	165	11R22.5 275/70R22.5 285/60R 22.5 295/80R 22.5 305/70R 22.5
22.5×8.25	26	10	1*45°	ø285,75	ø220		169	



## WHEELSIZE 22.5×9.00



Wheelsize 22.5×9.00	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
22.5×9.00	32	10	SR22	ø285,75	ø222	14 16	170	12R22.5 215/75R 22.5 295/80R 22.5 315/80R 22.5
22.5×9.00	26	10	1*45°	ø285,75	ø221		175	

## WHEELSIZE 22.5×11.75



Wheelsize 22.5×11.75	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
22.5×11.75	32	8	1*45°	ø285	ø221	14	120	385/65R22.5 15R22.5
22.5×11.75	26	10	1*45°	ø335	ø281		0	

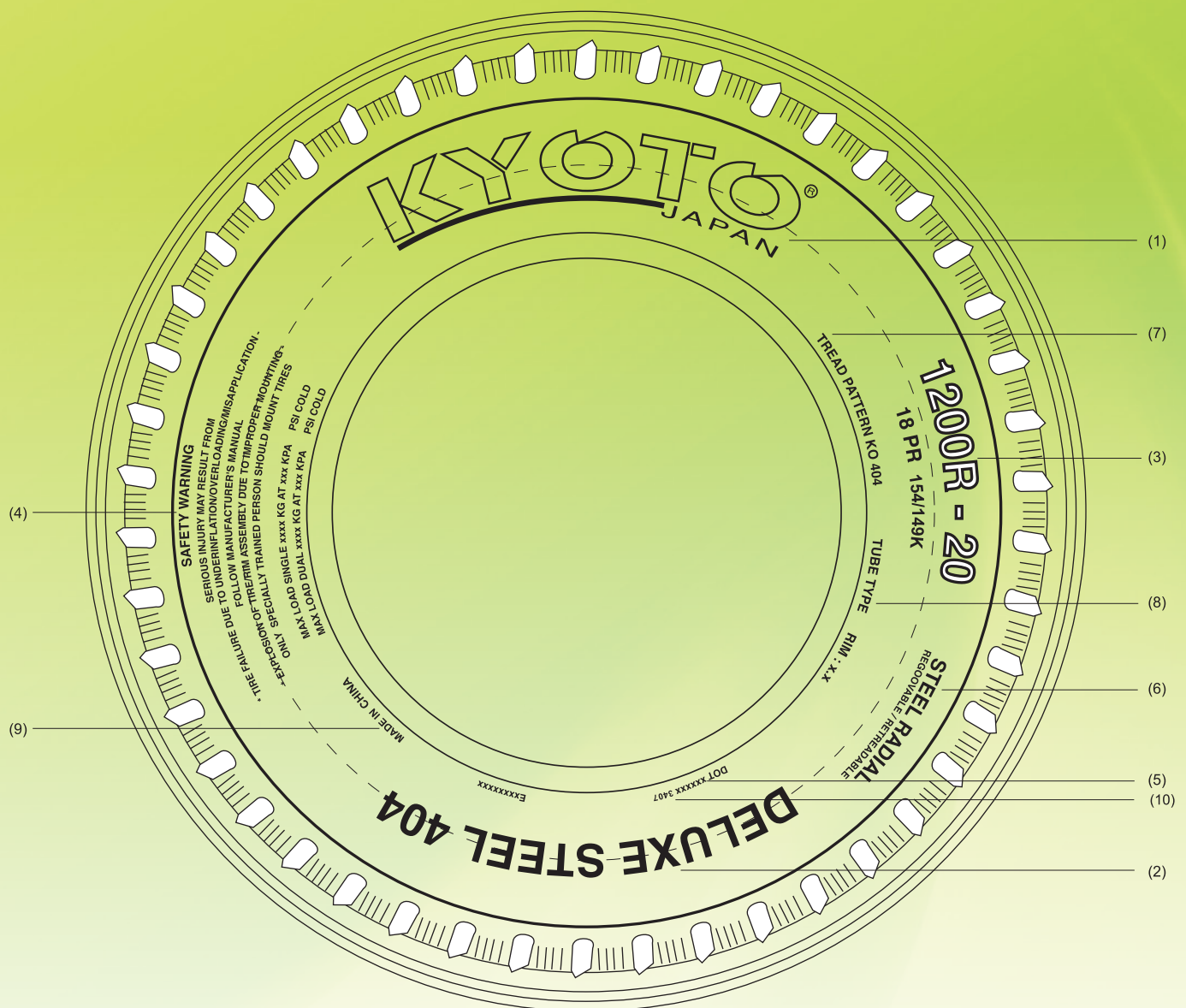
## WHEELSIZE 22.5×13.00



Wheelsize 22.5×13.00	Bolt Hole			P.C.D (mm)	Center Bore DIA (mm)	DISC Thick (mm)	Offset (mm)	TEC.TYPE
	Hole DIA(mm)	NO	Nut Type					
22.5×13.00	26	10		ø335	ø281	16	155/75	425/65R22.5



## Kyoto Japan TBR Tire Sidewall Markings



- |                              |   |
|------------------------------|---|
| 1. Brand Name                | 6. Tire Construction Information (Radial/Nylon) |
| 2. Series Name               | 7. Pattern Code                                 |
| 3. Tire Size Marking         | 8. Tire Type (Tube or Tubeless)                 |
| 4. Safety Warning            | 9. Origin                                       |
| 5. DOT indicating and E-mark | 10. Production Code                             |

## Speed Codes

The speed symbol indicates the speed at which the tyre can carry the load corresponding with its load index. For specific speed rating details see below.

SPEED CODE	SPEED (km/h)
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170
S	180
T	190
U	200
H	210
VR	240
ZR	OVER 240

## Load Indices

The load index is a numerical code, which corresponds to the maximum load a tyre can carry at the speed indicated by its speed symbol, under specific service conditions. For specific load index details see below.

LOAD INDEX	LOAD (kg)
136	2240
137	2300
138	2360
139	2430
140	2500
141	2575
142	2650
143	2725
144	2800
145	2900
146	3000
147	3075
148	3150
149	3250
150	3350
151	3450
152	3550
153	3650
154	3750
155	3875
156	4000
157	4125
158	4250
159	4375



# Standards & Certifications

## Kyoto Tires are Certified by:

-  **DOT** US Department of Transportation
-  **ECE** Economic Commission of Europe
-  **ISO9001** International Standards Organization
-  **SASO** Saudi Arabia Standardization Organization, after technical testing by TUV as per GCC Standards
-  **PAI** Public Authority For Industry State of Kuwait
-  **INMETRO** Brazilian Standards
-  **3C** Certificate For China Compulsory Product Certification





# Warranty

## Purpose and Scope

### • Purpose:

This Policy is made to protect the interests of Kyoto Japan Tire Corp. Ltd. (hereafter: Kyoto Japan) and its Distributor, Dealer and the end user. It shall help in coordinating and settling any disputes of the three parties, thus completing the services of Kyoto Japan.

### • Scope:

This Policy is only applicable for the products manufactured and sold by Kyoto Japan

## Principle and Laws of this Policy

This Policy is made as per the relevant Standards & laws of the country of origin. It also combines the technical standard and regulations of Kyoto Japan Tire Corp. Ltd.

### This Policy covers:

- Proper tire usage, manufactured by Kyoto Japan Tire Corp. Ltd. and sold by Kyoto Japan Tire (Switzerland) SA.
- Manufacturing defects and workmanship for the period of 12 months from the date of invoice of the dealer to its customers and maximum 36 months from the date of shipment by Kyoto Japan.
- If the tire fails during the use due to manufacturing defects, the user shall make the claim to the Distributor or Dealer within 2 days.

Distributor or Dealer shall provide the following information to Kyoto Japan within 7 days from the date of claim from the users:

- Tire Size
- Serial number
- Purchase Invoice
- Fitment date
- Clearly marking the defected part of the tire
- Claim Report or properly filled Claim Form issued by Kyoto Japan
- Clear photo of the failed tire
- Remained tread depth
- Other required information

The claimed tires shall be kept in a safe place for after-sales person inspection, which shall make the report after assessment.

### This Policy does not cover:

- Tread wear exceeds 50% of the original pattern depth;
- The tire serial number is intentionally abraded or altered;
- The claimed tire has been repaired, buffed, retreated or reproofed;
- The claim is due to misuse of the product and improper application (such as in case of irregular air pressure, overloading, excessive speeding, vehicle having mechanical defects, irregular and unstable rims, etc.);

- The claimed defect is due to normal wear and tear of the tire;
- The claimed defect is due to non-compliance with the provision of storage.
- Manufacture Defects include To write only this no need of explanation and details
- Tread, shoulder and sidewall separation, sidewall bubble, side wall splice, and ply separation etc
- Bead separation
- Radial crack
- Breaker Edge separation
- Inner liner
- Compensation Policy

Replacement can be done when manufacture defect is found prior to use Under the following circumstances, replacement can be executed free of charge when manufacture defect is found:

- Tread wear less than 4 mm for TBB tires
- Tread wear less than 3 mm for TBR tires
- Tread wear less than 50% of original pattern depth for PCR tires
- Tread wear less than 10% of original pattern depth for OTR tires
- Remained pattern depth more than 6mm for LTB tires
- Should the tread wear is out of the above specified, tread wear charge shall be imposed.

Tread wear measurement shall be according to international standard by specified tools.

For TBR tires, if sidewall bubble and tread wear less than 5 mm, compensation can be done; if more than 5 mm, no compensation;

If the user continues using impact tires caused by foreign object impact, Kyoto Japan shall not be responsible for any failure;

No compensation for any claimed tires without tire serial numbers;

No after-sales services shall be attended for those who fail in payment;

For any settled claimed tires, the trademark shall be buffed if the dealer wants to sell them; we have to cut or damage the tire and remove the serial number such tires should not be sold or reclaimed

### Tread Wear Charge on

Tread wear charge (USD) =  $\frac{(\text{Original Pattern Depth} - \text{Remained Pattern Depth}) + (\text{Original Pattern Depth} - \text{Safe Pattern Depth})}{\text{Original Pattern Depth}} \times 100\% \times \text{Selling Price (USD)}$

Safe Pattern Depth: mm

Truck and Bus tire: 3 mm;

Light truck tire: 2 mm;

Passenger car tire: 1.5 mm

Claims shall be made to Kyoto Japan Tire Corp. Ltd.  
email: [sales@kyotojap.com](mailto:sales@kyotojap.com).

***Kyoto Japan Official Distributor:***

**Kyoto Japan Tire (Suisse) S.A**

1 Cour de Rive, 1207 Geneva - Switzerland  
Tel +41.22. 789 32 00, Fax +41.21.826 11 76

**Email [sales@kyotojap.com](mailto:sales@kyotojap.com)**

Kyoto Japan Tire Corporation Ltd.  
Tokyo - Japan

**[www.kyotojap.com](http://www.kyotojap.com)**