TOYO TIRES
driven to perform

Pattern Digest 2014

SAKA TRADING CO

Sector 32, Street 49,
Choueifat - Lebanon

Telephax: +961 5 400 058/9
+961 5 400 008
Mobile: +961 3 752 445
Email: info@sakatrading.com
Website: www.sakatrading.com

140204A OAP Ⓟ

TOYO TIRES

PATTERN DIGEST

2014

TOYO TIRES

TOYO TIRES
driven to perform

TABLE of CONTENTS 2

PCR PASSENGER CAR RADIAL TIRES

Positioning Map 4
Size Information 5
PROXES T1 Sport 10
PROXES C1S 13
PROXES CF2 16
PROXES Tm1 18
PROXES T1R 20
PROXES R888 23
PROXES R1R 25
TOYO DRB 26
NANOENERGY 3 28
TOYO TEO Plus 31

SUV/4×4 RADIAL TIRES

Positioning Map 34
Size Information 35
PROXES ST Ⅱ 40
OPEN COUNTRY H/T 42
OPEN COUNTRY A/T Ⅱ 46
OPEN COUNTRY A/T 49
OPEN COUNTRY M/T 52
OPEN COUNTRY D/H 54
M65 55
785 55
M55(F) 56
M633 57
H08 58

LTR LIGHT TRUCK AND VAN RADIAL TIRES

Positioning Map 60
Size Information 61
M53 62
M82 62
M131 63
M134 64
M140Z 65
M143 65
M608Z 66
M614Z 66

TBR TRUCK AND BUS RADIAL TIRES

Positioning Map 68
Size Information 69
M170 72
M144 73
M154 74
M120Z 75
M140Z 75
M160 76
M149 76
M317Z 77
M316Z 77
M628A 78
M632 79
M622Z 81
M605Z 81
M627 82
M610ZL 82
M608Z 83
M614Z 83
M320 84
M315 85
M56 85
M61Z 86
M71A 86
M503Z 87
M506 87
M143 88
M1430 89
M6100Z 89

GENERAL INFORMATION 90

CAUTION : This pattern digest is made for worldwide use and thus it contains all TOYO TIRES product line-up. The availability of the product varies according to markets/countries.

PCR PASSENGER CAR RADIAL TIRES

Product Line

Positioning Chart

SIZE LIST

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES T1 Sport	PROXES T1 Sport SUV	PROXES C1S	PROXES CF2	PROXES Tm1	PROXES T1R	PROXES R888	PROXES R1R	TOYO DRB	NANOENERGY 3	TOYO TEO+
22	25	295/25R22			97W XL			97Y XL					
		285/25R22						95Y XL					
	30	265/30R22						97Y XL					
		255/30R22			95W XL			95Y XL					
21	25	295/25R21			96W XL			96Y XL					
	30	325/30R21		108Y XL									
		285/30R21			100W XL			100Y XL					
		255/30R21			93W XL			93Y XL					
	35	295/35R21		107Y XL									
		285/35R21		105Y XL									
		245/35R21			96W XL								
	40	295/40R21		111Y XL									
20	25	345/25R20						104Y XL					
		325/25R20	(101Y) XL										
		315/25R20						99Y XL					
		305/25R20	(97Y) XL					97Y XL					
		285/25R20						93Y XL					
	30	315/30R20							(101Y)				
		305/30R20						103Y XL					
		285/30R20	(99Y) XL					99Y XL					
		275/30R20	(97Y) XL		97W XL			97Y XL			97W XL		
		265/30R20	(94Y) XL					94Y XL					
		255/30R20	(92Y) XL					92Y XL					
		245/30R20	(90Y) XL					90Y XL					
		235/30R20	(88Y) XL					88Y XL			88W XL		
		225/30R20									85W XL		
	35	315/35R20		106W									
		285/35R20	(100Y)						(100Y)				
		275/35R20						102Y XL					
		255/35R20	(97Y) XL					97Y XL					
		245/35R20	(95Y) XL		95W XL			95Y XL			95W XL		
		225/35R20									90W XL		
	40	295/40R20		110Y XL									
		275/40R20	106Y XL	106Y XL									
		255/40R20	(101Y) XL										
		245/40R20	99Y										
		245/40R20			99W XL			99Y XL					
	45	275/45R20		110Y XL									
		265/45R20		104Y									
		255/45R20		101W									
		245/45R20	103Y XL										
	50	265/50R20		111V XL									
		255/50R20		109Y XL									
19	25	315/25R19						98Y XL					
	30	345/30R19							(105Y)				
		325/30R19	(105Y) XL						(101Y)				
		305/30R19							102Y XL				
		295/30R19	(100Y) XL						100Y XL				
		285/30R19	(98Y) XL					98Y XL					
		275/30R19	(96Y) XL					96Y XL					
		275/30R19			96W XL						96W XL		
		265/30R19	(93Y) XL					93Y XL	93Y XL		93W XL		
		255/30R19	(91Y) XL					91Y XL					
	35	285/35R19	(99Y)					99Y					
		275/35R19	(100Y) XL					100Y XL					
		265/35R19	(98Y) XL					98Y XL	(94Y)				
		255/35R19	(96Y) XL					96Y XL					
		245/35R19	(93Y) XL		93W XL			93Y XL	(89Y)		93W XL		
		235/35R19	(91Y) XL					91Y XL	87Y		91W XL		
		225/35R19	(88Y) XL					88Y XL			88W XL		
		215/35R19									85W XL		
	40	275/40R19	105Y XL		101Y 105W XL			101Y					
		255/40R19	100Y XL		100W XL 100Y XL			100Y XL					
		245/40R19	(98Y) XL		98W XL			98Y XL					
		235/40R19	96Y XL										
		225/40R19	93Y XL		93W XL			93Y XL			93W XL		

PCR 1

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES T1 Sport	PROXES T1 Sport SUV	PROXES C1S	PROXES CF2	PROXES Tm1	PROXES T1R	PROXES R888	PROXES R1R	TOYO DRB	NANOENERGY 3	TOYO TEO+
19	45	285/45R19		107W									
		275/45R19		108Y XL									
		245/45R19	102Y XL		102W XL			102Y XL					
	50	265/50R19		110Y XL									
		255/50R19		107W XL									
		235/50R19		99V									
	55	255/55R19		111V XL									
		235/55R19		101W									
		225/55R19		99V									
18	30	335/30R18							102Y				
		315/30R18							98Y				
		295/30R18							98Y XL				
		285/30R18	97Y XL					97Y XL	97Y XL				
		235/30R18						85Y XL					
	35	305/35R18							○				
		295/35R18	(103Y)					103Y XL					
		285/35R18	101Y XL					101Y XL					
		275/35R18	(95Y)		99W XL			99Y XL	99Y XL				
		265/35R18	(97Y) XL		97W XL			97Y XL	93Y 97Y XL	93W	93W		
		255/35R18	94Y XL		94W XL			94Y XL	94Y XL	90W			
		245/35R18	92Y XL					88Y					
		225/35R18	87Y XL					87Y XL					
		215/35R18						84W XL			84W XL		
		205/35R18						81Y XL					
	40	285/40R18						101Y					
		275/40R18	(99Y)					99Y	99W				
		255/40R18	(99Y) XL					99Y XL					
		245/40R18	(97Y) XL		97W XL 97Y XL			97Y XL	93Y	93W			
		235/40R18	(95Y) XL		95W XL 95Y XL			95Y XL	91Y		91W		95W XL
		225/40R18	92Y XL		92W XL 92Y XL		92W XL	92Y XL	92W XL 92Y XL	88W	88W		
		215/40R18	89Y XL					89Y XL					
	45	275/45R18			103W								
		255/45R18	103Y XL		103W XL 103Y XL			99Y					
		245/45R18	(100Y) XL		100W XL 100Y XL			96Y			96W		
		235/45R18	(98Y) XL					98Y XL					98W XL
		225/45R18	(95Y) XL		95W XL 95Y XL			95Y XL			91W		95W XL
		215/45R18	93Y XL		93W XL			93Y XL				89W	89W
	50	245/50R18			100W 100Y								
		235/50R18	101Y XL	97V	101W XL 101Y XL			101Y XL					
		225/50R18			95W								
	55	255/55R18		109Y XL									
		235/55R18		100V									
		215/55R18		99V XL									
	60	265/60R18		110V									
		255/60R18		112H XL									
		235/60R18		107W XL									
17	35	315/35R17							102W				
		245/35R17						87W		91W XL			
	40	275/40R17							98W	98W			
		265/40R17	96Y					96Y					
		255/40R17	98Y XL					98Y XL	94W	94W	94W		
		245/40R17	95Y XL		91W			95Y XL	91W	91W			
		235/40R17	94Y XL					94Y XL	90W	90W			
		215/40R17						87W XL			83W		
		205/40R17						84W XL	84W XL		80W		

PCR 1

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES T1 Sport	PROXES T1 Sport SUV	PROXES C1S	PROXES CF2	PROXES Tm1	PROXES T1R	PROXES R888	PROXES R1R	TOYO DRB	NANOENERGY 3	TOYO TEO+
17	45	255/45R17	98Y					98Y					
		245/45R17	99Y XL		99W XL 99Y XL			99Y XL		95W			
		235/45R17	97Y XL		97W XL 97Y XL	94V	97W XL	97Y XL	93W	94W	94W	97W XL	97W XL
		225/45R17	94Y XL		94W XL 94Y XL	94V XL	94W XL	94W XL 94Y XL	94W XL	91W	91W 94W XL	91W	91W 94W XL
		215/45R17	91W XL		91W XL		91W XL	91W XL	91W XL	87W	87W 91W XL	87W	87W 91W XL
		205/45R17			88W XL	88V XL		88W XL			84W	84W	84W
	50	235/50R17	96Y		100W XL			96Y					
		225/50R17	98Y XL		98W XL 98Y XL		98W XL	94Y			94V		
		215/50R17	95W XL		95W XL	95V XL	95W XL	91Y			91V	91V 91W	91V 91W
		205/50R17	93Y XL			89V		93Y XL			89V	89V	89V
	55	235/55R17	99Y		99Y 103W XL								
		225/55R17	101Y XL		101W XL	97V		97Y			97V	97V	97V
		215/55R17			98W XL						94V	94V	94V
		205/55R17				95V XL							
	60	255/60R17		106V									
		225/60R17		99V									
	65	235/65R17		104W 108V XL									
16	35	245/35R16						86W					
	40	225/40R16						85W					
		215/40R16						86W XL					
		195/40R16						80V XL					
	45	245/45R16						94W	94W				
		225/45R16						93W XL	89W	89W			
		215/45R16				86V 90V XL							
		205/45R16					87W XL	87W XL		83W	83W 87W XL		
		195/45R16				84V XL		80V			80W		
		165/45R16									74W XL		
	50	255/50R16							99W				
		235/50R16						95W					
		225/50R16			96W XL		96V XL	92W	92W	92V			92V
		215/50R16							90W				
		205/50R16				87V		87W		87V	87V	87V	87V
		195/50R16				88V XL		84V	84W 84V		84V	84V	84V
		185/50R16						81V					
	55	245/55R16						100W					
		225/55R16	99Y XL		99W XL 99Y XL	95V		99W XL				95V	95V
		215/55R16	97Y XL		97W XL 97Y XL	93V 97V XL	97V XL	93W			93V	93V	93V
		205/55R16	94W XL		94W XL	91H 91V 94H XL 94V XL	94V XL	91W	90W	91V	91V	91V	91V
		195/55R16				87H 87V 91V XL		87V 91V XL				87V	87V
		185/55R16				87H XL					83V	83V	
	60	235/60R16			100W								
		225/60R16			98W							98V	98V
		215/60R16			95W	95H 99H XL 99V XL						95H 95V	95H 95V
		205/60R16			92W	92H 92V 96V XL						92H 92V	92H 92V
		195/60R16				89H							89H
		175/60R16											82H
	65	215/65R16				98H							
		205/65R16			95W							95H	95H
		195/65R16										92V	

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES T1 Sport	PROXES T1 Sport SUV	PROXES C1S	PROXES CF2	PROXES Tm1	PROXES T1R	PROXES R888	PROXES R1R	TOYO DRB	NANOENERGY 3	TOYO TEO+
15	45	225/45R15							87W	87W			
		215/45R15						84V					
		205/45R15						81V					
		195/45R15						78V					
	50	235/50R15							94W				
		225/50R15						91V	91W				
		215/50R15							88W				
		205/50R15							86W				
		205/50R15					89V XL	89V XL		86V	86V		
		195/50R15				82H	86V XL	82V	82V	82V	82V	82V	82V
		165/50R15							72V		73V		73V
	55	205/55R15						88V					88V
		195/55R15				85H		85V	85V	85V	85V	85V	85V
		185/55R15				82H		82V			82V	82V	82V
		175/55R15									77V	77V	
		165/55R15										75V	75V
	60	225/60R15										96H	96H
		215/60R15											94H
		205/60R15				91H 91V 95H XL						91H	91H
		195/60R15				88H 88V						88H	88H
		185/60R15				84H 88H XL						84H	84H 88H XL
		175/60R15				81V							81H
		155/60R15											74H
	65	215/65R15			96V								96H
		205/65R15			94V	94H 94V 99H XL						94H	94H
		195/65R15			91V	91H 91V 95H XL						91T 91H 91V 95T XL	91H 91V
		185/65R15				88H						88T 88H 92T XL	88S 88H
		175/65R15				84H						84T 84H	84H
		165/65R15										81T	81S
		145/65R15										72S	72S
	70	205/70R15											95S 96H
14	40	225/40R14						82V					
	45	195/45R14						77V					
	50	225/50R14							89V				
	55	205/55R14							85V				
		195/55R14						82V					
		185/55R14				80H							
		165/55R14									72V		72V
		155/55R14									69V		69V
	60	235/60R14											96H
		225/60R14											94H
		205/60R14										88H	88H
		195/60R14				86H							86H
		185/60R14				82H			82V			82H	82H
		175/60R14				79H							79H
		165/60R14				75H						75T	
	65	205/65R14											91H
		195/65R14				89H						89T	89S 89H
		185/65R14				86H						86T 86H	86S 86H
		175/65R14				82H						82T 82H 86T XL	82S 82H
		165/65R14										79T	79S
		155/65R14										75T	75S

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES T1 Sport	PROXES T1 Sport SUV	PROXES C1S	PROXES CF2	PROXES Tm1	PROXES T1R	PROXES R888	PROXES R1R	TOYO DRB	NANOENERGY 3	TOYO TEO+
14	70	205/70R14											95H
		195/70R14										91T	91S 91H
		185/70R14										88T	88S 88H
		175/70R14										88T XL	84S 84H
		165/70R14										81T 85T XL	81S
13	45	225/45R13							84V				
	50	175/50R13									72V		
	60	205/60R13							86V				86H
		185/60R13				80H			80V				80H
		175/60R13				77H							
	65	185/65R13										84H	84H
		165/65R13										77T	77S
		155/65R13										73T	73S
		145/65R13											69S
	70	185/70R13											86H
		175/70R13										82T 82H	82S 82H
		165/70R13										79T	79S 79H
		155/70R13										75T	75S
	80	155/80R13										79T	
		145/80R13											75S
12	80	145/80R12											74S

PROXES T1 Sport

The PROXES T1 Sport is TOYO TIRES' top-of-the-line UHP tire.
Responding to the demand for ultimate handling in both wet & dry conditions, the PROXES T1 Sport is supremely stable, even at fast highway speeds.
Developed for European conditions and vehicles, the tire complements the handling of the most prestigious sports saloons and coupes.

Product Features

- Functional tread Design for improved dry and wet handling
- Dual tread compound for exceptional handling and braking
- High stiffness sidewall and bead for good steering response

Tread Design

Inside = Aquaplaning & Braking Performance

Two wide grooves ensure good water drainage, while better braking is achieved by means of a rib based pattern configuration, which increases the tread's rigidity in the back and forward directions.

Outside = Cornering Performance

The contact area was increased through the use of wide ribs. The addition of a shallow and narrow groove maintains good tread contact with the road. Improved handling and high grip are achieved.

Inner rib & notch

- Enhance rigidity
- Improve braking performance
- Reduce irregular wear

Wide outer blocks

- Improved handling with responsive steering feel

Wide center rib

- High-speed stability
- Handling response

Wide straight grooves

- Better aquaplaning resistance

Features & Benefits of Construction

High stiffness belt

- High speed stability

Rigid rayon ply

- Directional stability

High stiffness sidewall

- Precise steering

High stiffness bead filler

- Quick and liner steering response

Note: Construction varies by size

PROXES T1 Sport

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
20	25	325/25ZR20	(101Y) XL	BL	7.2	670	336	317	366	12.00	11.50 - 12.50
		305/25ZR20	(97Y) XL	BL	7.5	660	313	313	341	11.00	10.50 - 11.50
	30	285/30ZR20	(99Y) XL	BL	7.5	683	285	322	311	10.00	9.50 - 10.50
		275/30ZR20	(97Y) XL	BL	8.0	674	278	319	303	9.50	9.00 - 10.00
		265/30ZR20	(94Y) XL	BL	8.0	667	266	316	290	9.50	9.00 - 10.00
		255/30ZR20	(92Y) XL	BL	8.0	660	254	313	277	9.00	8.50 - 9.50
		245/30ZR20	(90Y) XL	BL	8.0	657	246	312	268	8.50	8.00 - 9.00
		235/30ZR20	(88Y) XL	BL	8.0	650	241	309	263	8.50	8.50
	35	285/35ZR20	(100Y)	BL	7.2	708	290	332	316	10.00	9.50 - 11.00
		255/35ZR20	(97Y) XL	BL	8.0	685	256	323	279	9.00	8.50 - 10.00
		245/35ZR20	(95Y) XL	BL	8.0	680	245	321	267	8.50	8.00 - 9.50
	40	275/40ZR20	106Y XL	BL	7.7	728	278	340	303	9.50	9.00 - 11.00
		255/40ZR20	(101Y) XL	BL	7.7	712	260	334	283	9.00	8.50 - 10.00
		245/40ZR20	99Y	BL	*	*	*	*	*	*	*
	45	245/45ZR20	103Y XL	BL	7.7	728	243	340	265	8.00	7.50 - 9.00
19	30	325/30ZR19	(105Y) XL	BL	7.2	679	331	318	361	11.50	11.00 - 12.00
		295/30ZR19	(100Y) XL	BL	7.5	664	301	312	328	10.50	10.00 - 11.00
		285/30ZR19	(98Y) XL	BL	7.5	655	288	309	314	10.00	9.50 - 10.50
		275/30ZR19	(96Y) XL	BL	8.0	651	270	307	295	9.50	9.00 - 10.00
		265/30ZR19	(93Y) XL	BL	8.0	640	268	303	292	9.50	9.00 - 10.00
		255/30ZR19	(91Y) XL	BL	8.0	637	260	302	283	9.00	8.50 - 9.50
	35	285/35ZR19	(99Y)	BL	7.2	683	290	319	316	10.00	9.50 - 11.00
		275/35ZR19	(100Y) XL	BL	8.0	676	277	317	302	9.50	9.00 - 11.00
		265/35ZR19	(98Y) XL	BL	7.3	668	273	314	298	9.50	9.00 - 10.50
		255/35ZR19	(96Y) XL	BL	8.0	659	257	310	280	9.00	8.50 - 10.00
		245/35ZR19	(93Y) XL	BL	8.0	652	244	307	266	8.50	8.00 - 9.50
		235/35ZR19	(91Y) XL	BL	8.0	647	241	305	263	8.50	8.00 - 9.50
		225/35ZR19	(88Y) XL	BL	8.0	641	230	303	251	8.00	7.50 - 9.00
	40	275/40ZR19	105Y XL	BL	7.7	703	278	327	303	9.50	9.00 - 11.00
		255/40ZR19	100Y XL	BL	8.0	684	259	320	282	9.00	8.50 - 10.00
		245/40ZR19	(98Y) XL	BL	8.0	679	248	318	270	8.50	8.00 - 9.50
		235/40ZR19	96Y XL	BL	7.3	671	241	315	263	8.50	8.00 - 9.50
		225/40ZR19	93Y XL	BL	8.0	663	230	312	251	8.00	7.50 - 9.00
	45	245/45ZR19	102Y XL	BL	7.7	703	243	327	265	8.00	7.50 - 9.00
18	30	285/30ZR18	97Y XL	BL	7.5	630	285	296	311	10.00	9.50 - 10.50
	35	295/35ZR18	(103Y)	BL	*	*	*	*	*	*	*
		285/35ZR18	101Y XL	BL	7.5	654	294	305	320	10.00	9.50 - 11.00
		275/35ZR18	(95Y)	BL	8.0	647	275	303	300	9.50	9.00 - 11.00
		265/35ZR18	(97Y) XL	BL	8.0	643	271	301	295	9.50	9.00 - 10.50
		255/35ZR18	94Y XL	BL	8.0	632	257	297	280	9.00	8.50 - 10.00
		245/35ZR18	92Y XL	BL	8.0	626	244	294	266	8.50	8.00 - 9.50
		225/35ZR18	87Y XL	BL	8.0	612	229	289	249	8.00	7.50 - 9.00
	40	275/40ZR18	(99Y)	BL	8.0	678	279	315	304	9.50	9.00 - 11.00
		255/40ZR18	(99Y) XL	BL	8.0	658	260	307	283	9.00	8.50 - 10.00
		245/40ZR18	(97Y) XL	BL	7.7	652	246	305	268	8.50	8.00 - 9.50
		235/40ZR18	(95Y) XL	BL	7.6	645	241	302	263	8.50	8.00 - 9.50
		225/40ZR18	92Y XL	BL	7.6	637	230	299	251	8.00	7.50 - 9.00
		215/40ZR18	89Y XL	BL	8.0	629	218	296	238	7.50	7.00 - 8.50
	45	255/45ZR18	103Y XL	BL	8.0	687	255	318	278	8.50	8.00 - 9.50
		245/45ZR18	(100Y) XL	BL	8.0	677	243	314	265	8.00	7.50 - 9.00
		235/45ZR18	(98Y) XL	BL	7.6	666	237	310	258	8.00	7.50 - 9.00
		225/45ZR18	(95Y) XL	BL	7.6	659	225	307	245	7.50	7.00 - 8.50
		215/45ZR18	93Y XL	BL	8.0	651	213	304	232	7.00	7.00 - 8.00
	50	235/50ZR18	101Y XL	BL	8.0	693	245	321	267	7.50	6.50 - 8.50
17	40	265/40ZR17	96Y	BL	8.0	639	273	297	298	9.50	9.00 - 10.50
		255/40ZR17	98Y XL	BL	8.0	636	260	296	283	9.00	8.50 - 10.00
		245/40ZR17	95Y XL	BL	8.0	625	250	291	273	8.50	8.00 - 9.50
		235/40ZR17	94Y XL	BL	7.6	616	244	288	266	8.50	8.00 - 9.50

PROXES T1 Sport

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17	45	255/45ZR17	98Y	BL	8.0	636	253	301	276	9.00	8.50 - 9.50
		245/45ZR17	99Y XL	BL	8.0	648	247	300	269	8.00	7.50 - 9.00
		235/45ZR17	97Y XL	BL	7.6	644	236	299	257	8.00	7.50 - 9.00
		225/45ZR17	94Y XL	BL	8.0	634	225	295	245	7.50	7.00 - 8.50
		215/45ZR17	91W XL	BL	8.0	626	213	292	232	7.00	7.00 - 8.00
	50	235/50ZR17	96Y	BL	8.0	668	245	308	267	7.50	6.50 - 8.50
		225/50ZR17	98Y XL	BL	8.0	656	234	303	255	7.00	6.00 - 8.00
		215/50ZR17	95W XL	BL	8.3	648	228	300	249	7.00	6.00 - 7.50
		205/50ZR17	93Y XL	BL	8.0	636	213	296	232	6.50	5.50 - 7.50
	55	235/55ZR17	99Y	BL	8.0	690	245	317	267	7.50	6.50 - 8.50
		225/55ZR17	101Y XL	BL	8.0	676	232	311	253	7.00	6.00 - 8.00
16	55	225/55ZR16	99Y XL	BL	8.0	650	236	298	257	7.00	6.00 - 8.00
		215/55ZR16	97Y XL	BL	7.6	642	226	295	246	7.00	6.00 - 7.50
		205/55ZR16	94W XL	BL	8.3	632	214	291	233	6.50	5.50 - 7.50

PROXES T1 Sport SUV

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
21	30	325/30 R21	108Y XL	BL	*	*	*	*	*	*	*
	35	295/35 R21	107Y XL	BL	7.5	739	301	347	328	10.50	10.00 - 11.50
		285/35 R21	105Y XL	BL	*	*	*	*	*	*	*
	40	295/40 R21	111Y XL	BL	7.5	769	301	359	328	10.50	10.00 - 11.50
20	35	315/35 R20	106W	BL	7.5	728	320	340	349	11.00	10.50 - 12.50
	40	295/40 R20	110Y XL	BL	7.5	744	301	346	328	10.50	10.00 - 11.50
		275/40 R20	106Y XL	BL	7.5	728	278	340	303	9.50	9.00 - 11.00
	45	275/45 R20	110Y XL	BL	7.5	756	273	351	298	9.00	8.50 - 10.50
		265/45 R20	104Y	BL	*	*	*	*	*	*	*
		255/45 R20	101W	BL	*	*	*	*	*	*	*
	50	265/50 R20	111V XL	BL	*	*	*	*	*	*	*
		255/50 R20	109Y XL	BL	*	*	*	*	*	*	*
19	45	285/45 R19	107W	BL	*	*	*	*	*	*	*
		275/45 R19	108Y XL	BL	7.5	731	273	338	298	9.00	8.50 - 10.50
	50	265/50 R19	110Y XL	BL	7.3	749	277	345	302	8.50	7.50 - 9.50
		255/50 R19	107W XL	BL	8.0	739	265	341	289	8.00	7.00 - 9.00
		235/50 R19	99V	BL	8.3	719	245	333	267	7.50	6.50 - 8.50
	55	255/55 R19	111V XL	BL	8.3	763	265	351	289	8.00	7.00 - 9.00
		235/55 R19	101W	BL	8.3	741	245	342	267	7.50	6.50 - 8.50
		225/55 R19	99V	BL	*	*	*	*	*	*	*
18	50	235/50 R18	97V	BL	8.3	693	245	321	267	7.50	6.50 - 8.50
	55	255/55 R18	109Y XL	BL	7.1	737	265	338	289	8.00	7.00 - 9.00
		235/55 R18	100V	BL	*	*	*	*	*	*	*
		215/55 R18	99V XL	BL	*	*	*	*	*	*	*
	60	265/60 R18	110V	BL	8.3	775	272	353	296	8.00	7.50 - 9.50
		255/60 R18	112H XL	BL	*	*	*	*	*	*	*
		235/60 R18	107W XL	BL	8.0	739	240	339	262	7.00	6.50 - 8.50
17	60	255/60 R17	106V	BL	8.3	738	260	335	283	7.50	7.00 - 9.00
		225/60 R17	99V	BL	*	*	*	*	*	*	*
	65	235/65 R17	104W	BL	8.3	738	240	335	262	7.00	6.50 - 8.50
		235/65 R17	108V XL	BL	8.3	738	240	335	262	7.00	6.50 - 8.50

*To be available soon
[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

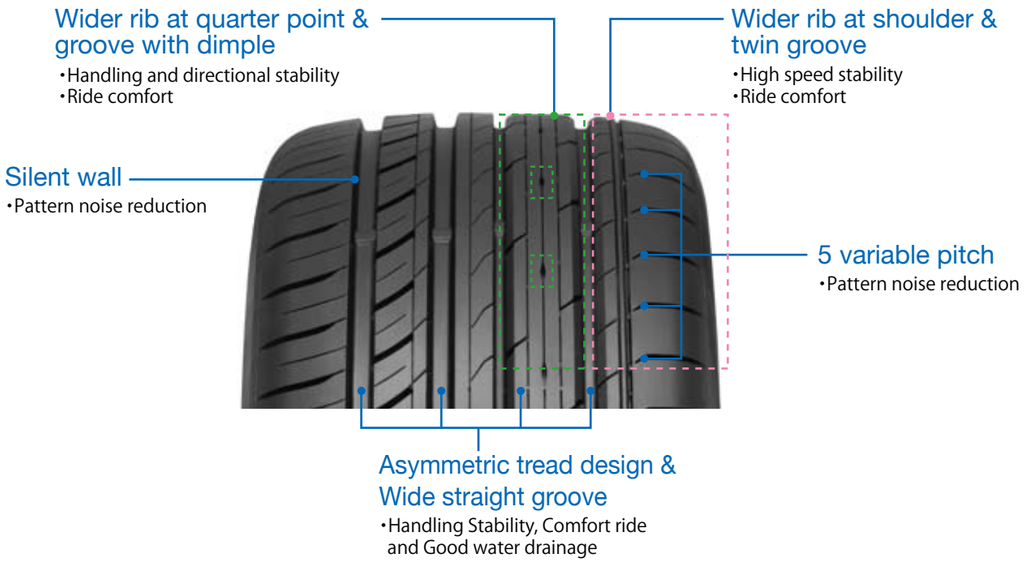
PROXES C1S

The PROXES C1S is TOYO TIRES' premium high performance tire especially designed for premium and luxury sedans.
Its high speed stability, quiet and comfortable ride meet the requirements of such vehicles.
The low rolling resistance of PROXES C1S reduces green house gas emissions through improved fuel economy.

Product Features

- Functional Asymmetric tread Design
- Quiet & Comfortable ride with excellent handling
- Low Rolling Resistance for better fuel economy

Tread Design



Features & Benefits of Construction

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22	25	295/25 R22	97W XL	BL	8.0	707	289	337	315	10.50	10.00 - 11.00
	30	255/30 R22	95W XL	BL	8.0	715	251	340	274	9.00	8.50 - 9.50
21	25	295/25 R21	96W XL	BL	8.0	679	289	323	315	10.50	10.00 - 11.00
	30	285/30 R21	100W XL	BL	8.2	706	282	334	307	10.00	9.50 - 10.50
		255/30 R21	93W XL	BL	8.0	688	252	327	275	9.00	8.50 - 9.50
	35	245/35 R21	96W XL	BL	8.1	707	241	334	263	8.50	8.00 - 9.50
20	30	275/30 R20	97W XL	BL	8.1	676	271	320	295	9.50	9.00 - 10.00
	35	245/35 R20	95W XL	BL	8.1	681	242	321	264	8.50	8.00 - 9.50
	40	245/40 R20	99W XL	BL	8.1	708	244	332	266	8.50	8.00 - 9.50
19	30	275/30 R19	96W XL	BL	8.1	651	271	307	295	9.50	9.00 - 10.00
	35	245/35 R19	93W XL	BL	8.1	656	242	309	264	8.50	8.00 - 9.50
	40	275/40 R19	101Y	BL	7.7	702	274	327	299	9.50	9.00 - 11.00
		275/40 R19	105W XL	BL	7.8	702	274	327	299	9.50	9.00 - 11.00
		255/40 R19	100W XL	BL	7.8	688	256	321	279	9.00	8.50 - 10.00
		255/40 R19	100Y XL	BL	7.7	685	256	320	279	9.00	8.50 - 10.00
		245/40 R19	98W XL	BL	8.1	682	245	319	267	8.00	7.50 - 9.00
		225/40 R19	93W XL	BL	7.9	664	229	312	250	8.00	7.50 - 9.00
	45	245/45 R19	102W XL	BL	8.1	705	241	328	263	8.00	7.50 - 9.00
18	35	275/35 R18	99W XL	BL	8.4	649	272	303	296	9.50	9.00 - 11.00
		265/35 R18	97W XL	BL	8.3	643	265	301	289	9.50	9.00 - 10.50
		255/35 R18	94W XL	BL	8.2	635	253	298	276	9.00	8.50 - 10.00
	40	245/40 R18	97W XL	BL	8.1	655	244	306	266	8.50	8.00 - 9.50
		245/40 R18	97Y XL	BL	7.7	653	244	305	266	8.50	8.00 - 9.50
		235/40 R18	95W XL	BL	8.1	648	243	303	265	8.50	8.00 - 9.50
		235/40 R18	95Y XL	BL	7.7	645	242	302	264	8.50	8.00 - 9.50
		225/40 R18	92W XL	BL	8.0	641	228	300	249	8.00	7.50 - 9.00
		225/40 R18	92Y XL	BL	7.8	637	228	299	249	8.00	7.50 - 9.00
	45	275/45 R18	103W	BL	8.3	704	273	325	298	9.00	8.50 - 10.50
		255/45 R18	103W XL	BL	8.1	685	254	317	277	8.50	8.00 - 9.50
		255/45 R18	103Y XL	BL	7.7	683	254	317	277	8.50	8.00 - 9.50
		245/45 R18	100W XL	BL	8.1	677	240	314	262	8.00	7.50 - 9.00
		245/45 R18	100Y XL	BL	7.7	675	241	314	263	8.00	7.50 - 9.00
		225/45 R18	95W XL	BL	7.9	660	220	308	240	7.50	7.00 - 8.50
		225/45 R18	95Y XL	BL	7.7	660	221	308	241	7.50	7.00 - 8.50
		215/45 R18	93W XL	BL	7.8	655	211	306	230	7.00	7.00 - 8.00
	50	245/50 R18	100W	BL	8.0	704	250	325	273	7.50	7.00 - 8.50
		245/50 R18	100Y	BL	7.7	704	250	325	273	7.50	7.00 - 8.50
		235/50 R18	101W XL	BL	7.9	693	245	321	267	7.50	6.50 - 8.50
		235/50 R18	101Y XL	BL	7.7	695	241	321	263	7.50	6.50 - 8.50
		225/50 R18	95W	BL	7.9	687	230	318	251	7.00	6.00 - 8.00
17	40	245/40 R17	91W	BL	8.1	627	244	292	266	8.50	8.00 - 9.50
	45	245/45 R17	99W XL	BL	8.1	652	241	302	263	8.00	7.50 - 9.00
		245/45 R17	99Y XL	BL	7.7	650	244	301	266	8.00	7.50 - 9.00
		235/45 R17	97W XL	BL	8.1	647	237	300	258	8.00	7.50 - 9.00
		235/45 R17	97Y XL	BL	7.7	642	239	298	261	8.00	7.50 - 9.00
		225/45 R17	94W XL	BL	7.9	636	220	296	240	7.50	7.00 - 8.50
		225/45 R17	94Y XL	BL	7.7	631	221	294	241	7.50	7.00 - 8.50
		215/45 R17	91W XL	BL	7.9	630	210	293	229	7.00	7.00 - 8.00
		205/45 R17	88W XL	BL	7.7	616	204	288	222	7.00	6.50 - 7.50
	50	235/50 R17	100W XL	BL	7.9	670	243	309	265	7.50	6.50 - 8.50
		225/50 R17	98W XL	BL	7.8	661	229	305	250	7.00	6.00 - 8.00
		225/50 R17	98Y XL	BL	7.7	660	229	305	250	7.00	6.00 - 8.00
		215/50 R17	95W XL	BL	7.7	649	220	301	240	7.00	6.00 - 7.50
	55	235/55 R17	99Y	BL	7.7	690	242	317	264	7.50	6.50 - 8.50
		235/55 R17	103W XL	BL	7.9	691	242	317	264	7.50	6.50 - 8.50
		225/55 R17	101W XL	BL	7.8	681	232	313	253	7.00	6.00 - 8.00
		215/55 R17	98W XL	BL	7.7	668	226	308	246	7.00	6.00 - 7.50

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	50	225/50 R16	96W XL	BL	7.8	635	230	292	251	7.00	6.00 - 8.00
	55	225/55 R16	99W XL	BL	7.8	654	232	300	253	7.00	6.00 - 8.00
		225/55 R16	99Y XL	BL	7.7	651	233	299	254	7.00	6.00 - 8.00
		215/55 R16	97W XL	BL	7.7	644	224	296	244	7.00	6.00 - 7.50
		215/55 R16	97Y XL	BL	7.7	640	228	294	249	7.00	6.00 - 7.50
		205/55 R16	94W XL	BL	7.6	632	210	291	229	6.50	5.50 - 7.50
	60	235/60 R16	100W	BL	8.4	689	242	313	264	7.00	6.50 - 8.50
		225/60 R16	98W	BL	8.3	673	227	307	247	6.50	6.00 - 8.00
		215/60 R16	95W	BL	8.2	663	220	303	240	6.50	6.00 - 7.50
		205/60 R16	92W	BL	8.1	652	206	299	225	6.00	5.50 - 7.50
	65	205/65 R16	95W	BL	8.1	674	208	308	227	6.00	5.50 - 7.50
15	65	215/65 R15	96V	BL	8.2	661	216	300	235	6.50	6.00 - 7.50
		205/65 R15	94V	BL	8.1	646	208	294	227	6.00	5.50 - 7.50
		195/65 R15	91V	BL	8.0	635	197	290	215	6.00	5.50 - 7.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES CF2

Enjoy superior tire performance and guaranteed levels of safety without compromising on the environment.

New Proxes CF2 has been created to take full advantage of latest materials, structures and tread pattern design in order to guarantee a high level of safety, durability, savings and comfort.

Product Features

1. Safety
Excellent water evacuation for the highest level of safety in wet.

2. Full Control
Optimized tread pattern for maximum braking performance and excellent handling.
Optimum grip and stability in wet.

3. Comfort
Low noise emission.
Excellent high-speed stability and comfort performance for a smooth and comfortable ride.

4. Efficiency and High Mileage
Improved fuel economy.
Longer tire life compared to predecessor Proxes CF1.

Environmental performance grading
RRC : C Wet Grip : B Noise : 70dB

Tread Design

Increased void ratio
by wider main groove
・Enhanced aquaplaning resistance

Shoulder rib block
・Lower noise

Optimal longitudinal pattern stiffness
・Lower rolling resistance
・Longer wear life
・Wet / Dry braking

Features & Benefits of Construction

Special silica compound
・Improved wet performance
・Longer tread life
・Low rolling resistance

Spiral wound cap ply
・High speed durability
・Precise uniformity

High tensile steel belt
・Excellent handling
・Stability and riding comfort

Polyester casing
High-hardness bead Filler
・Linear steering response
・Durability
・Light weight construction
・Low rolling resistance

Note: Construction varies by size

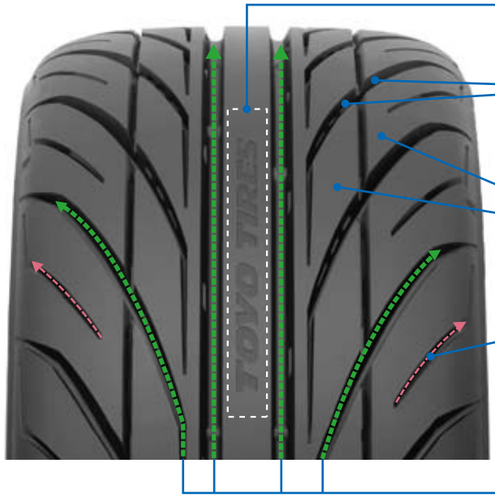
RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17	45	235/45 R17	94V	BL	8.3	644	236	299	257	8.00	7.50 - 9.00
		225/45 R17	94V XL	BL	8.4	634	225	295	245	7.50	7.00 - 8.50
		205/45 R17	88V XL	BL	8.2	616	206	288	225	7.00	6.50 - 7.50
	50	215/50 R17	95V XL	BL	8.5	648	226	300	246	7.00	6.00 - 7.50
		205/50 R17	89V	BL	7.8	638	214	296	233	6.50	5.50 - 7.50
	55	225/55 R17	97V	BL	8.7	680	233	313	254	7.00	6.00 - 8.00
		205/55 R17	95V XL	BL	*	*	*	*	*	*	*
16	45	215/45 R16	86V	BL	8.4	600	213	279	232	7.00	7.00 - 8.00
		215/45 R16	90V XL	BL	7.9	600	213	279	232	7.00	7.00 - 8.00
		195/45 R16	84V XL	BL	7.7	582	195	272	213	6.50	6.00 - 7.50
	50	205/50 R16	87V	BL	7.8	612	214	283	233	6.50	5.50 - 7.50
		195/50 R16	88V XL	BL	8.3	602	201	279	219	6.00	5.50 - 7.00
	55	225/55 R16	95V	BL	8.7	654	233	300	254	7.00	6.00 - 8.00
		215/55 R16	93V	BL	8.4	642	226	295	246	7.00	6.00 - 7.50
		215/55 R16	97V XL	BL	8.4	642	226	295	246	7.00	6.00 - 7.50
		205/55 R16	91H	BL	8.5	632	214	291	233	6.50	5.50 - 7.50
		205/55 R16	91V	BL	8.5	632	214	291	233	6.50	5.50 - 7.50
		205/55 R16	94H XL	BL	8.5	632	214	291	233	6.50	5.50 - 7.50
		205/55 R16	94V XL	BL	8.5	632	214	291	233	6.50	5.50 - 7.50
		195/55 R16	87H	BL	8.4	620	201	287	219	6.00	5.50 - 7.00
		195/55 R16	87V	BL	*	*	*	*	*	*	*
		195/55 R16	91V XL	BL	8.4	620	201	287	219	6.00	5.50 - 7.00
		185/55 R16	87H XL	BL	8.3	610	194	283	211	6.00	5.00 - 6.50
	60	215/60 R16	95H	BL	8.7	664	221	304	241	6.50	6.00 - 7.50
		215/60 R16	99H XL	BL	8.7	664	221	304	241	6.50	6.00 - 7.50
		215/60 R16	99V XL	BL	8.7	664	221	304	241	6.50	6.00 - 7.50
		205/60 R16	92H	BL	8.6	652	209	299	228	6.00	5.50 - 7.50
		205/60 R16	92V	BL	8.6	652	209	299	228	6.00	5.50 - 7.50
		205/60 R16	96V XL	BL	8.6	652	209	299	228	6.00	5.50 - 7.50
		195/60 R16	89H	BL	8.5	640	201	294	219	6.00	5.50 - 7.00
	65	215/65 R16	98H	BL	*	*	*	*	*	*	*
15	50	195/50 R15	82H	BL	7.2	577	201	267	219	6.00	5.50 - 7.00
	55	195/55 R15	85H	BL	7.9	595	201	274	219	6.00	5.50 - 7.00
		185/55 R15	82H	BL	7.8	585	194	270	211	6.00	5.00 - 6.50
	60	205/60 R15	91H	BL	8.6	627	209	286	228	6.00	5.50 - 7.50
		205/60 R15	91V	BL	8.6	627	209	286	228	6.00	5.50 - 7.50
		205/60 R15	95H XL	BL	8.6	627	209	286	228	6.00	5.50 - 7.50
		195/60 R15	88H	BL	8.5	615	201	282	219	6.00	5.50 - 7.00
		195/60 R15	88V	BL	8.5	615	201	282	219	6.00	5.50 - 7.00
		185/60 R15	84H	BL	7.9	603	189	277	206	5.50	5.00 - 6.50
		185/60 R15	88H XL	BL	7.9	603	189	277	206	5.50	5.00 - 6.50
		175/60 R15	81V	BL	7.8	591	177	272	193	5.00	5.00 - 6.00
	65	205/65 R15	94H	BL	8.6	647	209	294	228	6.00	5.50 - 7.50
		205/65 R15	94V	BL	8.6	647	209	294	228	6.00	5.50 - 7.50
		205/65 R15	99H XL	BL	8.6	647	209	294	228	6.00	5.50 - 7.50
		195/65 R15	91H	BL	8.5	635	201	290	219	6.00	5.50 - 7.00
		195/65 R15	91V	BL	8.5	635	201	290	219	6.00	5.50 - 7.00
		195/65 R15	95H XL	BL	8.5	635	201	290	219	6.00	5.50 - 7.00
		185/65 R15	88H	BL	8.4	621	189	284	206	5.50	5.00 - 6.50
		175/65 R15	84H	BL	7.8	609	177	279	193	5.00	5.00 - 6.00
14	55	185/55 R14	80H	BL	*	*	*	*	*	*	*
	60	195/60 R14	86H	BL	*	*	*	*	*	*	*
		185/60 R14	82H	BL	*	*	*	*	*	*	*
		175/60 R14	79H	BL	*	*	*	*	*	*	*
		165/60 R14	75H	BL	*	*	*	*	*	*	*
	65	195/65 R14	89H	BL	*	*	*	*	*	*	*
		185/65 R14	86H	BL	*	*	*	*	*	*	*
		175/65 R14	82H	BL	*	*	*	*	*	*	*
13	60	185/60 R13	80H	BL	*	*	*	*	*	*	*
		175/60 R13	77H	BL	*	*	*	*	*	*	*

*To be available soon
[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES Tm1

Proxes Tm1, New generation Premium UHP tire, eventually succeeding current ever-popular Proxes 4, has been developed for owners of a wide variety of sporty vehicles of classic to modern designs.
Proxes Tm1 emphasizes its excellent handling capabilities with improved steering response and cornering stability on both dry and wet surface.
With its appealing V-shape groove tread design, engraved “TOYO TIRES” logo on the center rib and stylish sidewall design Proxes Tm1 surely attracts and satisfies many generations of customers.

Tread Design



Distinctive "*TOYO TIRES*" Logo
- Sporty image

Tapered block edge
- High grip
- Cornering stability

Large block
- High grip
- Cornering stability

Optimized supplemental groove
- Reduce pattern noise
- Irregular wear reduction

Wide straight and V-shape groove
- Better water drainage

Features & Benefits of Construction

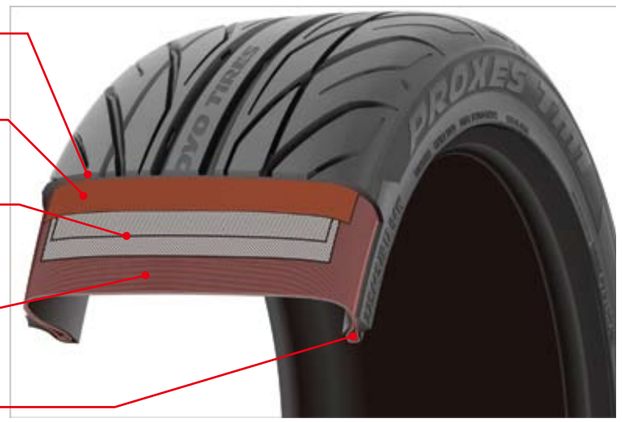
High hardness silica compound
- Improved dry and wet capability

Spiral wound cap ply
- High speed performance

High tensile belt
- Cornering stability

High hardness ply compound
- Improved dry and wet capability

High hardness bead filler
- Cornering stability
- Quick steering response



Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	40	225/40ZR18	92W XL	BL	7.6	637	230	299	251	8.00	7.50 - 9.00
17	45	235/45ZR17	97W XL	BL	7.7	644	236	299	257	8.00	7.50 - 9.00
		225/45ZR17	94W XL	BL	7.6	634	225	295	245	7.50	7.00 - 8.50
		215/45ZR17	91W XL	BL	7.5	626	213	292	232	7.00	7.00 - 8.00
	50	225/50ZR17	98W XL	BL	7.9	658	233	304	254	7.00	6.00 - 8.00
		215/50ZR17	95W XL	BL	7.5	648	226	300	246	7.00	6.00 - 7.50
16	45	205/45ZR16	87W XL	BL	7.4	590	206	275	225	7.00	6.50 - 7.50
	50	225/50 R16	96V XL	BL	7.9	632	233	291	254	7.00	6.00 - 8.00
	55	215/55 R16	97V XL	BL	7.8	642	226	295	246	7.00	6.00 - 7.50
		205/55 R16	94V XL	BL	7.7	632	214	291	233	6.50	5.50 - 7.50
15	50	205/50 R15	89V XL	BL	7.7	587	214	271	233	6.50	5.50 - 7.50
		195/50 R15	86V XL	BL	7.6	577	201	267	219	6.00	5.50 - 7.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES T1R

As the V-shape UHP tire, the Proxes T1R has been designed exclusively for sport sedans and coupes. It meets the demands for excellent high-speed stability under both dry and wet conditions with low noise and ride comfort. The Proxes T1R takes advantage of computer simulation technology to provide uniform contact pressure distribution for superb braking and improved wear resistance.

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22	25	295/25ZR22	97Y XL	BL	8.2	708	293	338	319	10.50	10.00 - 11.00
		285/25ZR22	95Y XL	BL	8.2	701	290	335	316	10.50	10.50
	30	265/30ZR22	97Y XL	BL	8.2	721	267	343	291	9.50	9.00 - 10.00
		255/30ZR22	95Y XL	BL	8.2	713	254	340	277	9.00	8.50 - 9.50
21	25	295/25ZR21	96Y XL	BL	8.2	685	297	326	324	10.50	10.00 - 11.00
	30	285/30ZR21	100Y XL	BL	8.2	707	284	334	310	10.00	9.50 - 10.50
		255/30ZR21	93Y XL	BL	8.2	688	260	327	283	9.00	8.50 - 9.50
20	25	345/25ZR20	104Y XL	BL	8.2	680	346	321	377	12.50	12.00 - 13.00
		315/25ZR20	99Y XL	BL	8.2	669	320	317	349	11.50	11.00 - 12.00
		305/25ZR20	97Y XL	BL	8.2	660	310	313	338	11.00	10.50 - 11.50
		285/25ZR20	93Y XL	BL	8.2	649	292	309	318	10.50	10.50
	30	305/30ZR20	103Y XL	BL	8.2	692	313	326	341	11.00	10.50 - 11.50
		285/30ZR20	99Y XL	BL	8.2	680	290	321	316	10.00	9.50 - 10.50
		275/30ZR20	97Y XL	BL	8.2	675	270	319	294	9.50	9.00 - 10.00
		265/30ZR20	94Y XL	BL	8.2	669	267	317	291	9.50	9.00 - 10.00
		255/30ZR20	92Y XL	BL	8.2	663	254	314	277	9.00	8.50 - 9.50
		245/30ZR20	90Y XL	BL	8.2	659	242	313	264	8.50	8.00 - 9.00
		235/30ZR20	88Y XL	BL	8.2	650	235	309	256	8.50	8.50
	35	275/35ZR20	102Y XL	BL	7.9	700	269	329	293	9.50	9.00 - 11.00
		255/35ZR20	97Y XL	BL	8.2	686	258	323	281	9.00	8.50 - 10.00
		245/35ZR20	95Y XL	BL	8.2	680	244	321	266	8.50	8.00 - 9.50
	40	245/40ZR20	99Y XL	BL	7.9	704	248	330	270	8.50	8.00 - 9.50
19	25	315/25ZR19	98Y XL	BL	8.2	640	324	303	353	11.50	11.00 - 12.00
	30	285/30ZR19	98Y XL	BL	8.2	655	284	309	310	10.00	9.50 - 10.50
		275/30ZR19	96Y XL	BL	8.2	650	270	307	294	9.50	9.00 - 10.00
		265/30ZR19	93Y XL	BL	8.2	645	266	305	290	9.50	9.00 - 10.00
		255/30ZR19	91Y XL	BL	8.2	637	254	302	277	9.00	8.50 - 9.50
	35	285/35ZR19	99Y	BL	8.2	682	285	319	311	10.00	9.50 - 11.00
		275/35ZR19	100Y XL	BL	8.2	675	270	316	294	9.50	9.00 - 11.00
		265/35ZR19	98Y XL	BL	8.2	674	268	316	292	9.50	9.00 - 10.00
		255/35ZR19	96Y XL	BL	8.2	661	256	311	279	9.00	8.50 - 10.00
		245/35ZR19	93Y XL	BL	8.2	656	244	309	266	8.50	8.00 - 9.50
		235/35ZR19	91Y XL	BL	8.2	648	242	306	264	8.50	8.00 - 9.50
		225/35ZR19	88Y XL	BL	8.2	640	229	303	250	8.00	7.50 - 9.00
	40	275/40ZR19	101Y	BL	8.2	701	274	327	298	9.50	9.00 - 10.50
		255/40ZR19	100Y XL	BL	8.2	685	258	320	281	9.00	8.50 - 10.00
		245/40ZR19	98Y XL	BL	8.2	678	247	318	269	8.50	8.00 - 9.50
		225/40ZR19	93Y XL	BL	8.2	663	228	312	249	8.00	7.50 - 9.00
	45	245/45ZR19	102Y XL	BL	8.2	705	238	328	259	8.00	7.50 - 9.00
18	30	285/30ZR18	97Y XL	BL	8.2	628	284	295	310	10.00	9.50 - 10.50
		235/30ZR18	85Y XL	BL	8.2	599	235	284	256	8.50	8.50
	35	295/35ZR18	103Y XL	BL	8.2	661	296	308	323	10.50	10.00 - 11.50
		285/35ZR18	101Y XL	BL	8.2	654	285	305	311	10.00	9.50 - 11.00
		275/35ZR18	99Y XL	BL	8.2	649	271	303	295	9.50	9.00 - 11.00
		265/35ZR18	97Y XL	BL	8.2	644	267	301	291	9.50	9.00 - 10.50
		255/35ZR18	94Y XL	BL	8.2	636	257	298	280	9.00	8.50 - 10.00
		245/35ZR18	88Y	BL	8.2	629	241	296	263	8.50	8.00 - 9.50
		225/35ZR18	87Y XL	BL	8.2	616	228	291	249	8.00	7.50 - 9.00
		215/35ZR18	84W XL	BL	8.2	608	219	287	239	7.50	7.00 - 8.50
		205/35ZR18	81Y XL	BL	8.2	601	212	285	231	7.50	7.00 - 8.00

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	40	285/40ZR18	101Y	BL	8.2	683	290	317	316	10.00	9.50 - 11.00
		275/40ZR18	99Y	BL	8.2	673	275	313	300	9.50	9.00 - 11.00
		255/40ZR18	99Y XL	BL	8.2	659	258	307	281	9.00	8.50 - 10.00
		245/40ZR18	97Y XL	BL	8.2	651	244	304	266	8.50	8.00 - 9.50
		235/40ZR18	95Y XL	BL	8.2	643	242	301	264	8.50	8.00 - 9.50
		225/40ZR18	92Y XL	BL	8.2	637	231	299	252	8.00	7.50 - 9.00
		215/40ZR18	89Y XL	BL	8.2	632	218	297	238	7.50	7.00 - 8.50
	45	255/45ZR18	99Y	BL	8.2	686	250	318	273	8.50	8.00 - 9.50
		245/45ZR18	96Y	BL	8.4	676	242	314	264	8.00	7.50 - 9.00
		235/45ZR18	98Y XL	BL	8.2	669	233	311	254	8.00	7.50 - 9.00
		225/45ZR18	95Y XL	BL	8.2	658	221	307	241	7.50	7.00 - 8.50
		215/45ZR18	93Y XL	BL	8.2	654	206	305	225	7.00	7.00 - 8.00
	50	235/50ZR18	101Y XL	BL	8.4	689	243	319	265	7.50	6.50 - 8.50
17	35	245/35ZR17	87W	BL	8.2	604	245	283	267	8.50	8.00 - 9.50
	40	265/40ZR17	96Y	BL	8.4	643	269	298	293	9.50	9.00 - 10.50
		255/40ZR17	98Y XL	BL	8.2	635	258	295	281	9.00	8.50 - 10.00
		245/40ZR17	95Y XL	BL	8.2	627	246	292	268	8.50	8.00 - 9.50
		235/40ZR17	94Y XL	BL	8.2	619	242	289	264	8.50	8.00 - 9.50
		215/40ZR17	87W XL	BL	8.2	604	218	283	238	7.50	7.00 - 8.50
		205/40ZR17	84W XL	BL	8.2	596	212	280	231	7.50	7.00 - 8.00
	45	255/45ZR17	98Y	BL	8.2	659	256	305	279	8.50	8.00 - 9.50
		245/45ZR17	99Y XL	BL	8.2	651	244	301	266	8.00	7.50 - 9.00
		235/45ZR17	97Y XL	BL	8.2	644	238	299	259	8.00	7.50 - 9.00
		225/45ZR17	94W XL	BL	8.2	634	225	295	245	7.50	7.00 - 8.50
		225/45ZR17	94Y XL	BL	8.2	633	222	294	242	7.50	7.00 - 8.50
		215/45ZR17	91W XL	BL	8.2	626	213	292	232	7.00	7.00 - 8.00
		205/45ZR17	88W XL	BL	8.2	616	206	288	225	7.00	6.50 - 7.50
	50	235/50ZR17	96Y	BL	7.6	665	240	307	262	7.50	6.50 - 8.50
		225/50ZR17	94Y	BL	8.2	658	228	304	249	7.00	6.00 - 8.00
		215/50ZR17	91Y	BL	7.6	644	225	299	245	7.00	6.00 - 7.50
		205/50ZR17	93Y XL	BL	7.6	635	212	295	231	6.50	5.50 - 7.50
	55	225/55ZR17	97Y	BL	8.4	676	229	311	250	7.00	6.00 - 8.00
16	35	245/35ZR16	86W	BL	8.2	578	244	270	266	8.50	8.00 - 9.50
	40	225/40ZR16	85W	BL	8.2	586	234	273	255	8.00	7.50 - 9.00
		215/40ZR16	86W XL	BL	8.2	578	218	270	238	7.50	7.00 - 8.50
		195/40 R16	80V XL	BL	8.2	562	200	264	218	7.00	6.50 - 7.50
	45	245/45ZR16	94W	BL	8.2	625	244	288	266	8.00	7.50 - 9.00
		225/45ZR16	93W XL	BL	8.2	608	227	282	247	7.50	7.00 - 8.50
		205/45ZR16	87W XL	BL	8.2	590	206	275	225	7.00	6.50 - 7.50
		195/45 R16	80V	BL	8.2	582	195	272	213	6.50	6.00 - 7.50
	50	235/50ZR16	95W	BL	8.4	639	246	294	268	7.50	6.50 - 8.50
		225/50ZR16	92W	BL	8.4	628	233	290	254	7.00	6.00 - 8.00
		205/50ZR16	87W	BL	8.4	612	214	283	233	6.50	5.50 - 7.50
		195/50 R16	84V	BL	8.4	602	201	279	219	6.00	5.50 - 7.00
		185/50 R16	81V	BL	8.4	592	194	276	211	6.00	5.00 - 6.50
	55	245/55ZR16	100W	BL	8.4	671	254	306	277	7.50	7.00 - 8.50
		225/55ZR16	99W XL	BL	8.4	651	231	299	252	7.00	6.00 - 8.00
		215/55ZR16	93W	BL	8.4	639	223	294	243	7.00	6.00 - 7.50
		205/55ZR16	91W	BL	8.4	632	214	291	233	6.50	5.50 - 7.50
		195/55 R16	87V	BL	8.4	618	200	286	218	6.00	5.50 - 7.00
		195/55 R16	91V XL	BL	8.4	620	201	287	219	6.00	5.50 - 7.00

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
15	45	215/45 R15	84V	BL	8.2	575	211	266	230	7.00	7.00 - 8.00
		205/45 R15	81V	BL	8.4	565	207	262	226	7.00	6.50 - 7.50
		195/45 R15	78V	BL	8.2	557	195	259	213	6.50	6.00 - 7.50
	50	225/50 R15	91V	BL	8.4	604	230	277	251	7.00	6.00 - 8.00
		205/50 R15	89V XL	BL	8.4	587	214	271	233	6.50	5.50 - 7.50
		195/50 R15	82V	BL	8.2	577	201	267	219	6.00	5.50 - 7.00
	55	205/55 R15	88V	BL	8.4	605	214	278	233	6.50	5.50 - 7.50
		195/55 R15	85V	BL	8.4	595	201	274	219	6.00	5.50 - 7.00
		185/55 R15	82V	BL	8.4	585	194	270	211	6.00	5.00 - 6.50
14	40	225/40 R14	82V	BL	8.2	535	233	248	253	8.00	7.50 - 9.00
	45	195/45 R14	77V	BL	8.2	532	195	247	213	6.50	6.00 - 7.50
	55	195/55 R14	82V	BL	8.4	568	198	261	216	6.00	5.50 - 7.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

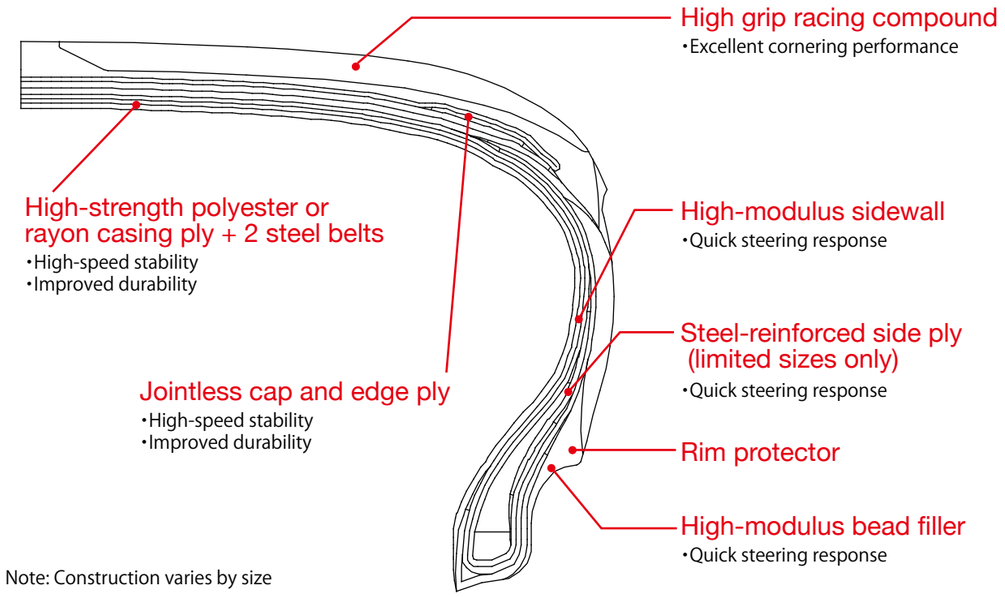
SEMI RACING

PROXES R888

The Proxes R888 competition radial has been developed to deliver maximum dry handling and quick lap time for the racing events such as competition or "track day" events. With its unique and functional tread design, the Proxes R888 is a key to success of winning competitions.

Tread Design

Features & Benefits of Construction



Note: Construction varies by size

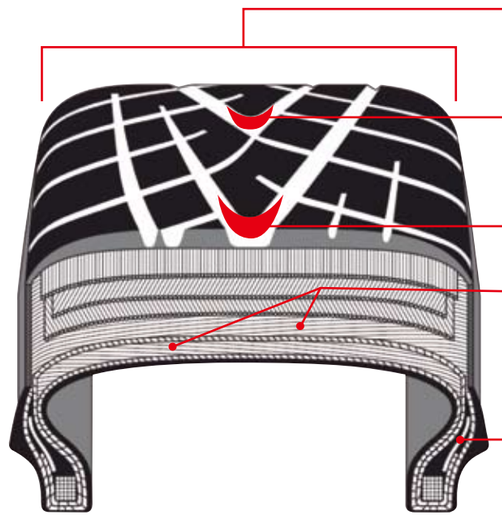
	RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
☆	20	30	315/30ZR20	(101Y)	BL	5.0	700	318	329	347	11.00	10.50 - 11.50
☆		35	285/35ZR20	(100Y)	BL	5.0	704	291	330	317	10.00	9.50 - 11.00
☆	19	30	345/30ZR19	(105Y)	BL	5.0	691	350	323	382	12.00	11.50 - 12.50
☆			325/30ZR19	(101Y)	BL	5.2	679	331	318	361	11.50	11.00 - 12.00
☆			305/30ZR19	102Y XL	BL	5.0	673	305	316	332	11.00	10.50 - 11.50
☆			295/30ZR19	100Y XL	BL	5.0	661	298	311	325	10.50	10.00 - 11.00
☆			265/30ZR19	93Y XL	BL	5.0	645	270	305	294	9.50	9.00 - 10.00
☆		35	265/35ZR19	(94Y)	BL	5.2	669	271	314	295	9.50	9.00 - 10.50
☆			245/35ZR19	(89Y)	BL	5.0	655	248	309	270	8.50	8.00 - 9.50
☆			235/35ZR19	87Y	BL	5.0	652	240	307	262	8.50	8.00 - 9.50
☆	18	30	335/30ZR18	102Y	BL	5.0	660	338	308	369	12.00	11.50 - 12.50
☆			315/30ZR18	98Y	BL	5.0	648	318	303	347	11.00	10.50 - 11.50
☆			295/30ZR18	98Y XL	BL	5.0	637	299	299	326	10.50	10.00 - 11.00
☆			285/30ZR18	97Y XL	BL	5.0	631	288	296	314	10.00	9.50 - 10.50
☆		35	305/35ZR18	-	BL	5.0	668	316	311	344	11.00	10.00 - 12.00
☆			275/35ZR18	99Y XL	BL	5.0	652	280	305	306	9.50	9.00 - 11.00
☆			265/35ZR18	93Y	BL	5.0	643	271	301	295	9.50	9.00 - 10.50
☆			265/35ZR18	97Y XL	BL	5.0	646	274	302	299	9.50	9.00 - 10.50
☆			255/35ZR18	94Y XL	BL	5.0	637	260	299	283	9.00	8.50 - 10.00
☆		40	275/40ZR18	99W	BL	5.0	678	279	315	304	9.50	9.00 - 11.00
☆			245/40ZR18	93Y	BL	5.0	653	250	305	273	8.50	8.00 - 9.50
☆			235/40ZR18	91Y	BL	5.0	648	244	303	266	8.50	8.00 - 9.50
☆●			225/40ZR18	92W XL	BL	5.0	638	224	299	244	8.00	7.50 - 9.00
☆			225/40ZR18	92Y XL	BL	5.0	638	224	299	244	8.00	7.50 - 9.00
☆	17	35	315/35ZR17	102W	BL	5.0	650	320	301	349	11.00	10.50 - 12.50
☆		40	275/40ZR17	98W	BL	5.0	652	280	302	305	9.50	9.00 - 11.00
☆			255/40ZR17	94W	BL	5.0	638	265	296	289	9.00	8.50 - 10.00
☆			245/40ZR17	91W	BL	5.0	627	250	292	273	8.50	8.00 - 9.50
☆			235/40ZR17	90W	BL	5.0	624	245	291	267	8.50	8.00 - 9.50
☆●			205/40ZR17	84W XL	BL	5.0	598	212	281	231	7.50	7.00 - 8.00
☆		45	235/45ZR17	93W	BL	5.0	643	242	298	264	8.00	7.50 - 9.00
☆●			225/45ZR17	94W XL	BL	5.0	634	231	295	252	7.50	7.00 - 8.50
☆●			215/45ZR17	91W XL	BL	5.0	624	216	291	235	7.00	7.00 - 8.00
☆	16	45	245/45ZR16	94W	BL	5.0	621	248	287	270	8.00	7.50 - 9.00
☆●			225/45ZR16	89W	BL	5.0	605	228	281	249	7.50	7.00 - 8.50
☆		50	255/50ZR16	99W	BL	5.0	657	269	301	294	8.00	7.00 - 9.00
☆			225/50ZR16	92W	BL	5.0	628	235	290	256	7.00	6.00 - 8.00
☆			215/50ZR16	90W	BL	5.0	619	228	286	249	7.00	6.00 - 7.50
☆●			195/50ZR16	84W	BL	5.0	598	200	278	218	6.00	5.50 - 7.00
☆□			195/50 R16	84V	BL	5.0	599	203	278	221	6.00	5.50 - 7.00
☆		55	205/55ZR16	90W	BL	5.0	628	213	290	232	6.50	5.50 - 7.50
☆	15	45	225/45ZR15	87W	BL	5.0	579	227	268	248	7.50	7.00 - 8.50
☆		50	235/50ZR15	94W	BL	5.0	614	245	281	267	7.50	6.50 - 8.50
☆			225/50ZR15	91W	BL	5.0	603	230	277	251	7.00	6.00 - 8.00
☆			215/50ZR15	88W	BL	5.0	594	228	274	249	7.00	6.00 - 7.50
☆			205/50ZR15	86W	BL	5.0	584	216	270	235	6.50	5.50 - 7.50
☆●			195/50 R15	82V	BL	5.0	575	198	266	216	6.00	5.50 - 7.00
☆●			165/50 R15	72V	BL	5.0	546	163	255	178	5.00	4.50 - 6.00
☆□●		55	195/55 R15	85V	BL	5.0	592	203	273	221	6.00	5.50 - 7.00
☆	14	50	225/50 R14	89V	BL	5.0	580	235	265	256	7.00	6.00 - 8.00
☆		55	205/55 R14	85V	BL	5.0	579	213	265	232	6.50	5.50 - 7.50
☆		60	185/60 R14	82V	BL	5.0	574	188	263	205	5.50	5.00 - 6.50
☆	13	45	225/45 R13	84V	BL	5.0	529	223	243	243	7.50	7.00 - 8.50
☆		60	205/60 R13	86V	BL	5.0	573	209	260	228	6.00	5.50 - 7.50
☆			185/60 R13	80V	BL	5.0	549	188	250	205	5.50	5.00 - 6.50

☆: 2G compound
□: 3G compound
●: SG compound[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PROXES R1R

The high-grip rubber compound with a race-inspired construction of the PROXES R1R places the tire at the top of the extreme performance tires. The Proxes R1R's advanced casing design provides excellent handling. TOYO TIRES' on track experience helped develop a high-grip compound that still achieved a 140 treadwear rating. Its aggressive looks and excellent aquaplaning resistance while remaining quiet have been achieved through TOYO TIRES' proprietary computer aided pattern design software.

Features & Benefits of Construction



Wide tread pattern
- Large contact patch
- Excellent level of grip performance

Arrow head grooves
- Excellent water drainage

Near radial construction
- Excellent handling
- Traction

High steel side ply
- Maximize traction
- Steering response
- High-speed stability
- Durability

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	35	265/35ZR18	93W	BL	6.4	643	271	301	295	9.50	9.00 - 10.50
		255/35ZR18	90W	BL	6.4	635	260	298	283	9.00	8.50 - 10.00
	40	245/40ZR18	93W	BL	6.5	659	245	307	267	8.50	8.00 - 9.50
		225/40ZR18	88W	BL	6.5	636	230	298	250	8.00	7.50 - 9.00
17	35	245/35ZR17	91W XL	BL	6.4	605	246	283	268	8.50	8.00 - 9.50
	40	275/40ZR17	98W	BL	6.5	650	276	301	300	9.50	9.00 - 11.00
		255/40ZR17	94W	BL	6.3	636	260	296	283	9.00	8.50 - 10.00
		245/40ZR17	91W	BL	6.5	628	250	293	272	8.50	8.00 - 9.50
		235/40ZR17	90W	BL	6.5	621	240	290	262	8.50	8.00 - 9.50
	45	245/45ZR17	95W	BL	6.5	660	246	305	268	8.00	7.50 - 9.00
		235/45ZR17	94W	BL	6.5	644	238	299	259	8.00	7.50 - 9.00
		225/45ZR17	91W	BL	6.4	634	225	295	245	7.50	7.00 - 8.50
		215/45ZR17	87W	BL	6.4	623	211	291	230	7.00	7.00 - 8.00
16	45	225/45ZR16	89W	BL	6.4	606	229	281	250	7.50	7.00 - 8.50
		205/45ZR16	83W	BL	6.5	590	206	275	225	7.00	6.50 - 7.50
	50	225/50 R16	92V	BL	7.0	630	228	290	249	7.00	6.00 - 8.00
		205/50 R16	87V	BL	6.8	617	213	285	232	6.50	5.50 - 7.50
	55	205/55 R16	91V	BL	6.8	630	206	290	225	6.50	5.50 - 7.50
15	45	225/45ZR15	87W	BL	6.4	583	225	269	245	7.50	7.00 - 8.50
	50	205/50 R15	86V	BL	6.5	584	215	270	234	6.50	5.50 - 7.50
		195/50 R15	82V	BL	6.5	580	199	268	217	6.00	5.50 - 7.00
	55	195/55 R15	85V	BL	6.7	598	206	275	225	6.00	5.50 - 7.00

[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

TOYO DRB

The Toyo DRB is an affordable entry level high performance tire with a wide range of available sizes for many vehicle application.
Its excellent dry and wet handling capabilities as well as stylish and functional tread design surely attract many customers especially in younger generations.

Product Features

- Stylish Directional tread and Sidewall Design
- Improved Handling Performance in dry and wet
- Quiet/Comfort and affordable Performance tire

Tread Design

Large block & narrow slit at shoulder
- Better dry grip
- Lower pattern noise
- Improved irregular wear resistance

Quarter rib & block combination
- Improved dry performance

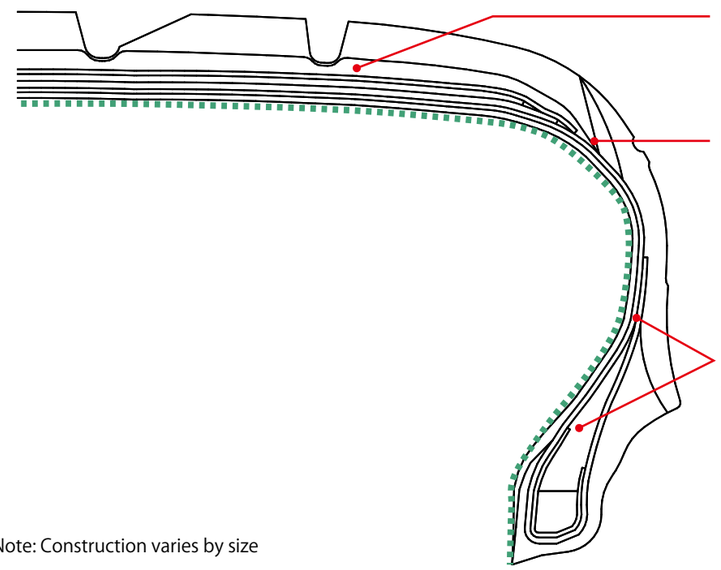
Centre straight rib
- Better steering response
- High speed stability

Multi-Function-taper
- Better aqua planning resistance
- Improved dry stability

Step-down block edge treatment
- Distinguished appearance (when New)

Silent wall
- Minimize pattern noise

Features & Benefits of Construction



Nylon Cap Ply
- Better uniformity and comfort at high speed

Noise Protection sheet
- Reduces road noise

Rigid Carcass construction
- Quick Steering Response and Excellent Cornering Stability
- High turn-up ply
- High-modulus Ply Compound
- High-Hardness Bead Filler

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
20	30	275/30 R20	97W XL	BL	8.2	672	270	318	294	9.50	9.00 - 10.00
		235/30 R20	88W XL	BL	7.8	651	237	310	258	8.50	8.50
		225/30 R20	85W XL	BL	7.7	645	224	307	244	8.00	8.00
	35	245/35 R20	95W XL	BL	7.9	677	242	320	264	8.50	8.00 - 9.50
		225/35 R20	90W XL	BL	7.7	664	227	315	247	8.00	7.50 - 9.00
19	30	275/30 R19	96W XL	BL	8.1	647	270	305	294	9.50	9.00 - 10.00
		265/30 R19	93W XL	BL	8.1	641	265	303	289	9.50	9.00 - 10.00
	35	245/35 R19	93W XL	BL	7.9	653	242	308	264	8.50	8.00 - 9.50
		235/35 R19	91W XL	BL	7.8	646	238	305	259	8.50	8.00 - 9.50
		225/35 R19	88W XL	BL	7.7	639	227	302	247	8.00	7.50 - 9.00
		215/35 R19	85W XL	BL	7.5	632	216	300	235	7.50	7.00 - 8.50
	40	225/40 R19	93W XL	BL	7.7	663	227	312	247	8.00	7.50 - 9.00
18	35	265/35 R18	93W	BL	8.1	641	269	300	293	9.50	9.00 - 10.50
		215/35 R18	84W XL	BL	7.6	608	216	287	235	7.50	7.00 - 8.50
	40	235/40 R18	91W	BL	7.8	645	241	302	263	8.50	8.00 - 9.50
		225/40 R18	88W	BL	7.7	635	228	298	249	8.00	7.50 - 9.00
	45	245/45 R18	96W	BL	7.9	674	241	313	263	8.00	7.50 - 9.00
		225/45 R18	91W	BL	7.7	656	220	306	240	7.50	7.00 - 8.50
17	40	255/40 R17	94W	BL	8.0	633	258	294	281	9.00	8.50 - 10.00
		215/40 R17	83W	BL	7.6	602	216	282	235	7.50	7.00 - 8.50
		205/40 R17	80W	BL	7.5	598	214	281	233	7.50	7.00 - 8.00
	45	235/45 R17	94W	BL	7.8	644	236	299	257	8.00	7.50 - 9.00
		225/45 R17	91W	BL	7.7	633	219	294	239	7.50	7.00 - 8.50
		225/45 R17	94W XL	BL	7.7	643	225	298	245	7.50	7.00 - 8.00
		215/45 R17	87W	BL	7.6	625	208	291	227	7.00	7.00 - 8.00
		215/45 R17	91W XL	BL	7.6	626	213	292	232	7.00	7.00 - 8.00
		205/45 R17	84W	BL	7.5	618	204	289	222	7.00	6.50 - 7.50
	50	225/50 R17	94V	BL	7.7	658	227	304	247	7.00	6.50 - 8.00
		215/50 R17	91V	BL	7.6	645	221	299	241	7.00	6.00 - 7.50
		205/50 R17	89V	BL	7.5	637	209	296	228	6.50	5.50 - 7.50
	55	225/55 R17	97V	BL	7.7	680	233	313	254	7.00	6.00 - 8.00
		215/55 R17	94V	BL	7.6	668	221	308	241	7.00	6.00 - 7.50
16	45	205/45 R16	83W	BL	7.5	588	204	274	222	7.00	6.50 - 7.50
		205/45 R16	87W XL	BL	7.5	589	204	274	222	7.00	6.50 - 7.50
		195/45 R16	80W	BL	7.4	580	191	271	208	6.50	6.00 - 7.50
		165/45 R16	74W XL	BL	7.1	555	162	261	177	5.50	5.00 - 6.00
	50	205/50 R16	87V	BL	7.5	609	209	282	228	6.50	5.50 - 7.50
		195/50 R16	84V	BL	7.4	600	196	279	214	6.00	5.50 - 7.00
	55	215/55 R16	93V	BL	7.6	642	226	295	246	7.00	6.00 - 7.50
		205/55 R16	91V	BL	7.5	627	211	289	230	6.50	5.50 - 7.50
		185/55 R16	83V	BL	7.3	607	189	281	206	6.00	5.00 - 6.50
15	50	205/50 R15	86V	BL	7.5	586	210	270	229	6.50	5.50 - 7.50
		195/50 R15	82V	BL	7.4	575	196	266	214	6.00	5.50 - 7.00
		165/50 R15	73V	BL	7.1	547	159	255	173	5.00	4.50 - 6.00
	55	195/55 R15	85V	BL	7.4	593	196	273	214	6.00	5.50 - 7.00
		185/55 R15	82V	BL	7.3	583	190	269	207	6.00	5.00 - 6.50
		175/55 R15	77V	BL	7.2	572	180	265	196	5.50	5.00 - 6.00
14	55	165/55 R14	72V	BL	7.1	536	167	248	182	5.00	4.50 - 6.00
		155/55 R14	69V	BL	7.0	524	159	243	173	5.00	4.50 - 5.50
13	50	175/50 R13	72V	BL	7.2	505	175	233	191	5.50	5.00 - 6.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

NANOENERGY 3

TOYO TIRES NEW NANOENERGY 3 is the third model of the NANOENERGY product line which guarantees a high level of safety, durability, fuel savings and ride comfort for a variety of compact and mid-range cars.
NANOENERGY 3 is designed with new casing profile and construction as well as new tread compound featuring special polymer arrangement
developed by the application of TOYO TIRES' latest Nano Balance Technology.
As a result, the tire has successfully accomplished the design target of longer tire life, better wet performance and lower fuel consumption compared with previous model.
NANOENERGY 3 is the right choice for drivers looking for fuel efficient and improved wet performance.

Section width: 205 and wider
And following sizes.
195/50R16, 195/55R16,
185/55R16, 185/55R15

Tread Design

Straight rib type design
- Low rolling resistance
- Improved wet and dry braking
- Long wear life

3D multi wave sipes
- Reduced pattern noise
- Prevention of irregular wear

Wide straight grooves with silent wall
- Enhanced aquaplaning resistance
- Reduced noise emission

Features & Benefits of Construction

New silica compound
- Low rolling resistance
- Improved wet performance
- Long wear life

High-modulus Ply Compound
- Handling stability

High-hardness bead filler
- Handling stability

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	45	215/45 R18	89W	BL	7.6	651	213	304	232	7.00	7.00 - 8.00
17	45	235/45 R17	97W XL	BL	*	*	*	*	*	*	*
		225/45 R17	91W	BL	*	*	*	*	*	*	*
		215/45 R17	87W	BL	*	*	*	*	*	*	*
		205/45 R17	84W	BL	*	*	*	*	*	*	*
	50	215/50 R17	91V	BL	*	*	*	*	*	*	*
		215/50 R17	91W	BL	*	*	*	*	*	*	*
		205/50 R17	89V	BL	*	*	*	*	*	*	*
	55	225/55 R17	97V	BL	7.9	680	233	313	254	7.00	6.00 - 8.00
		215/55 R17	94V	BL	7.8	668	226	308	246	7.00	6.00 - 7.50
16	50	205/50 R16	87V	BL	*	*	*	*	*	*	*
		195/50 R16	84V	BL	7.5	602	201	279	219	6.00	5.50 - 7.00
	55	225/55 R16	95V	BL	*	*	*	*	*	*	*
		215/55 R16	93V	BL	*	*	*	*	*	*	*
		205/55 R16	91V	BL	*	*	*	*	*	*	*
		195/55 R16	87V	BL	*	*	*	*	*	*	*
		185/55 R16	83V	BL	*	*	*	*	*	*	*
	60	225/60 R16	98V	BL	*	*	*	*	*	*	*
		215/60 R16	95H	BL	*	*	*	*	*	*	*
		215/60 R16	95V	BL	*	*	*	*	*	*	*
		205/60 R16	92H	BL	*	*	*	*	*	*	*
		205/60 R16	92V	BL	*	*	*	*	*	*	*
	65	205/65 R16	95H	BL	*	*	*	*	*	*	*
		195/65 R16	92V	BL	7.7	660	201	302	219	6.00	5.50 - 7.00
15	50	195/50 R15	82V	BL	*	*	*	*	*	*	*
	55	195/55 R15	85V	BL	*	*	*	*	*	*	*
		185/55 R15	82V	BL	*	*	*	*	*	*	*
		175/55 R15	77V	BL	7.4	573	182	265	198	5.50	5.00 - 6.00
		165/55 R15	75V	BL	6.8	563	170	261	185	5.00	4.50 - 6.00
	60	225/60 R15	96H	BL	*	*	*	*	*	*	*
		205/60 R15	91H	BL	*	*	*	*	*	*	*
		195/60 R15	88H	BL	*	*	*	*	*	*	*
		185/60 R15	84H	BL	*	*	*	*	*	*	*
	65	205/65 R15	94H	BL	*	*	*	*	*	*	*
		195/65 R15	95T XL	BL	7.7	635	201	290	219	6.00	5.50 - 7.00
		195/65 R15	91H	BL	*	*	*	*	*	*	*
		195/65 R15	91V	BL	*	*	*	*	*	*	*
		195/65 R15	91T	BL	7.7	635	201	290	219	6.00	5.50 - 7.00
		185/65 R15	92T XL	BL	7.6	621	189	284	206	5.50	5.00 - 6.50
		185/65 R15	88T	BL	7.6	621	189	284	206	5.50	5.00 - 6.50
		185/65 R15	88H	BL	*	*	*	*	*	*	*
		175/65 R15	84T	BL	7.5	609	177	279	193	5.00	5.00 - 6.00
		175/65 R15	84H	BL	*	*	*	*	*	*	*
		165/65 R15	81T	BL	7.1	595	170	274	185	5.00	4.50 - 6.00
		145/65 R15	72S	BL	6.6	569	150	264	164	4.50	4.00 - 5.00
14	60	205/60 R14	88H	BL	*	*	*	*	*	*	*
		185/60 R14	82H	BL	*	*	*	*	*	*	*
		165/60 R14	75T	BL	6.8	554	170	255	185	5.00	4.50 - 6.00
	65	195/65 R14	89T	BL	7.7	610	201	277	219	6.00	5.50 - 7.00
		185/65 R14	86T	BL	7.6	596	189	272	206	5.50	5.00 - 6.50
		185/65 R14	86H	BL	*	*	*	*	*	*	*
		175/65 R14	86T XL	BL	7.5	584	177	267	193	5.00	5.00 - 6.00
		175/65 R14	82T	BL	7.5	584	177	267	193	5.00	5.00 - 6.00
		175/65 R14	82H	BL	*	*	*	*	*	*	*
		165/65 R14	79T	BL	7.1	570	177	261	193	5.00	4.50 - 6.00
		155/65 R14	75T	BL	6.7	558	157	257	171	4.50	4.50 - 5.50

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
14	70	195/70 R14	91T	BL	7.6	630	201	285	219	6.00	5.00 - 6.50
		185/70 R14	88T	BL	7.5	616	189	279	206	5.50	4.50 - 6.00
		175/70 R14	88T XL	BL	7.4	602	177	274	193	5.00	4.50 - 6.00
		165/70 R14	81T	BL	7.3	588	170	268	185	5.00	4.00 - 5.50
		165/70 R14	85T XL	BL	7.3	588	170	268	185	5.00	4.00 - 5.50
13	65	185/65 R13	84H	BL	*	*	*	*	*	*	*
		165/65 R13	77T	BL	7.1	544	170	248	185	5.00	4.50 - 6.00
		155/65 R13	73T	BL	6.7	532	157	244	171	4.50	4.50 - 5.50
	70	175/70 R13	82T	BL	7.4	576	177	261	193	5.00	4.50 - 6.00
		175/70 R13	82H	BL	*	*	*	*	*	*	*
		165/70 R13	79T	BL	7.3	562	170	256	185	5.00	4.00 - 5.50
		155/70 R13	75T	BL	6.5	548	157	250	171	4.50	4.00 - 5.00
	80	155/80 R13	79T	BL	6.3	578	157	262	171	4.50	4.00 - 5.00

*To be available soon
[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

Aspect Ratio: 60 and above

TOYO TEO plus

The TOYO TEO Plus is TOYO TIRES' long-running, very popular and reliable tire with functional tread design and a wide variety of available sizes.
The TEO Plus is designed to provide smooth, comfortable and quiet ride as well as long tread life and excellent wet braking performance.

Product Features

Lower Noise
- Unique tread design and construction, which include "Silent wall" to minimize pattern noise

Excellent Wet Braking
- "3D Multi wave sipes" keep block stiffness for good wet braking.
- Silica compound is for good wet performance.

Longer Life
- "3D Multi wave Sipes" prevent irregular wear and high stiffness center and shoulder blocks provide good wear resistance.

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	40	235/40 R18	95W XL	BL	8.5	645	238	302	259	8.50	8.00 - 9.50
	45	235/45 R18	98W XL	BL	8.5	669	236	311	257	8.00	7.50 - 9.00
		225/45 R18	95W XL	BL	8.4	659	225	307	245	7.50	7.00 - 8.50
		215/45 R18	89W	BL	7.8	651	211	304	230	7.00	7.00 - 8.00
17	45	235/45 R17	97W XL	BL	8.5	649	238	300	259	8.00	7.50 - 9.00
		225/45 R17	94W XL	BL	8.4	640	224	297	244	7.50	7.00 - 8.50
		215/45 R17	91W XL	BL	8.3	629	211	293	230	7.00	7.00 - 8.00
		205/45 R17	84W	BL	8.2	620	208	289	227	7.00	6.50 - 7.50
	50	215/50 R17	91V	BL	8.2	651	220	302	240	7.00	6.00 - 7.50
		215/50 R17	91W	BL	7.7	654	220	303	240	7.00	6.00 - 7.50
		205/50 R17	89V	BL	8.1	644	204	298	222	6.50	5.50 - 7.50
	55	225/55 R17	97V	BL	8.3	680	229	313	250	7.00	6.00 - 8.00
		215/55 R17	94V	BL	8.2	667	221	308	241	7.00	6.00 - 7.50
16	50	225/50 R16	92V	BL	8.3	629	229	290	250	7.00	6.00 - 8.00
		205/50 R16	87V	BL	8.1	612	208	283	227	6.50	5.50 - 7.50
		195/50 R16	84V	BL	8.0	603	195	280	213	6.00	5.50 - 7.00
	55	225/55 R16	95V	BL	8.3	654	233	300	254	7.00	6.00 - 8.00
		215/55 R16	93V	BL	8.2	642	223	295	243	7.00	6.00 - 7.50
		205/55 R16	91V	BL	8.1	632	208	291	227	6.50	5.50 - 7.50
		195/55 R16	87V	BL	8.0	619	195	286	212	6.00	5.50 - 7.00
	60	225/60 R16	98V	BL	8.2	676	228	308	249	6.50	6.00 - 8.00
		215/60 R16	95H	BL	8.1	660	220	302	240	6.50	6.00 - 7.50
		215/60 R16	95V	BL	8.2	660	220	302	240	6.50	6.00 - 7.50
		205/60 R16	92H	BL	8.0	649	208	298	226	6.00	5.50 - 7.50
		205/60 R16	92V	BL	8.1	649	207	298	226	6.00	5.50 - 7.50
		195/60 R16	89H	BL	7.9	636	200	293	218	6.00	5.50 - 7.00
		175/60 R16	82H	BL	7.7	614	174	284	190	5.00	5.00 - 6.00
	65	205/65 R16	95H	BL	8.1	670	204	306	222	6.00	5.50 - 7.50
15	50	195/50 R15	82V	BL	8.0	578	194	267	211	6.00	5.50 - 7.00
		165/50 R15	73V	BL	7.8	548	160	256	174	5.00	4.50 - 6.00
	55	205/55 R15	88V	BL	8.1	606	207	278	226	6.50	5.50 - 7.50
		195/55 R15	85V	BL	8.0	595	201	274	219	6.00	5.50 - 7.00
		185/55 R15	82V	BL	7.9	585	194	270	211	6.00	5.00 - 6.50
		165/55 R15	75V	BL	7.8	563	162	261	177	5.00	4.50 - 6.00
	60	225/60 R15	96H	BL	8.2	648	225	295	245	6.50	6.00 - 8.00
		215/60 R15	94H	BL	8.1	635	222	290	242	6.50	6.00 - 7.50
		205/60 R15	91H	BL	8.0	624	205	285	223	6.00	5.50 - 7.50
		195/60 R15	88H	BL	7.9	612	197	281	215	6.00	5.50 - 7.00
		185/60 R15	88H XL	BL	7.8	601	185	276	202	5.50	5.00 - 6.50
		175/60 R15	81H	BL	7.9	588	172	271	188	5.00	5.00 - 6.00
		155/60 R15	74H	BL	7.5	564	155	262	169	4.50	4.50 - 5.50

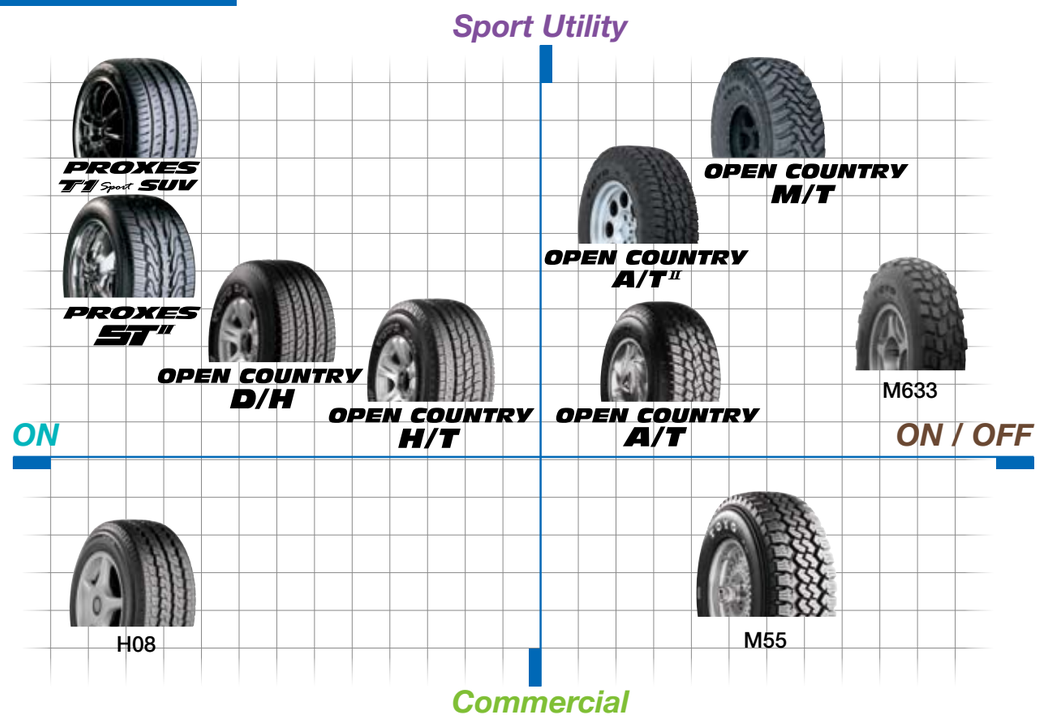
RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
15	65	215/65 R15	96H	BL	8.2	659	222	299	242	6.50	6.00 - 7.50
		205/65 R15	94H	BL	8.1	644	210	293	229	6.00	5.50 - 7.50
		195/65 R15	91H	BL	8.0	632	202	288	220	6.00	5.50 - 7.00
		195/65 R15	91V	BL	8.0	632	201	288	219	6.00	5.50 - 7.00
		185/65 R15	88S	BL	7.9	619	186	283	203	5.50	5.00 - 6.50
		185/65 R15	88H	BL	7.9	619	186	283	203	5.50	5.00 - 6.50
		175/65 R15	84H	BL	7.8	606	176	278	192	5.00	5.00 - 6.00
		165/65 R15	81S	BL	7.7	594	168	274	183	5.00	4.50 - 6.00
		145/65 R15	72S	BL	7.2	567	148	263	161	4.50	4.00 - 5.00
	70	205/70 R15	95S	BL	8.1	666	204	302	222	6.00	5.00 - 7.00
		205/70 R15	96H	BL	8.1	666	204	302	222	6.00	5.00 - 7.00
14	55	165/55 R14	72V	BL	7.8	537	165	249	180	5.00	4.50 - 6.00
		155/55 R14	69V	BL	7.7	529	160	245	174	5.00	4.50 - 5.50
	60	235/60 R14	96H	BL	8.3	636	236	287	257	7.00	6.50 - 8.50
		225/60 R14	94H	BL	8.2	623	225	282	245	6.50	6.00 - 8.00
		205/60 R14	88H	BL	8.0	599	205	273	223	6.00	5.50 - 7.50
		195/60 R14	86H	BL	7.9	586	199	268	217	6.00	5.50 - 7.00
		185/60 R14	82H	BL	7.8	576	186	264	203	5.50	5.00 - 6.50
		175/60 R14	79H	BL	7.7	562	176	258	192	5.00	5.00 - 6.00
	65	205/65 R14	91H	BL	8.1	619	206	281	225	6.00	5.50 - 7.50
		195/65 R14	89S	BL	8.0	608	198	276	216	6.00	5.50 - 7.00
		195/65 R14	89H	BL	8.0	608	198	276	216	6.00	5.50 - 7.00
		185/65 R14	86S	BL	7.9	594	186	271	203	5.50	5.00 - 6.50
		185/65 R14	86H	BL	7.9	594	186	271	203	5.50	5.00 - 6.50
		175/65 R14	82S	BL	7.8	582	174	266	190	5.00	5.00 - 6.00
		175/65 R14	82H	BL	7.8	582	174	266	190	5.00	5.00 - 6.00
		165/65 R14	79S	BL	7.4	567	167	260	182	5.00	4.50 - 6.00
		155/65 R14	75S	BL	7.3	556	154	256	168	4.50	4.50 - 5.50
	70	205/70 R14	95H	BL	8.1	641	204	289	222	6.00	5.00 - 7.00
		195/70 R14	91S	BL	8.0	627	196	284	214	6.00	5.00 - 6.50
		195/70 R14	91H	BL	8.0	627	196	284	214	6.00	5.00 - 6.50
		185/70 R14	88S	BL	7.9	613	185	278	202	5.50	4.50 - 6.00
		185/70 R14	88H	BL	7.9	612	185	278	202	5.50	4.50 - 6.00
		175/70 R14	84S	BL	7.8	599	174	273	190	5.00	4.50 - 6.00
		175/70 R14	84H	BL	7.8	599	174	273	190	5.00	4.50 - 6.00
		165/70 R14	81S	BL	7.6	585	166	267	181	5.00	4.00 - 5.50
13	60	205/60 R13	86H	BL	8.0	573	205	260	223	6.00	5.50 - 7.50
		185/60 R13	80H	BL	7.8	550	186	251	203	5.50	5.00 - 6.50
	65	185/65 R13	84H	BL	7.9	568	186	258	203	5.50	5.00 - 6.50
		165/65 R13	77S	BL	7.4	542	167	248	182	5.00	4.50 - 6.00
		155/65 R13	73S	BL	7.3	530	154	243	168	4.50	4.00 - 5.50
		145/65 R13	69S	BL	7.2	516	148	238	161	4.50	4.00 - 5.00
	70	185/70 R13	86H	BL	7.9	586	185	265	202	5.50	4.50 - 6.00
		175/70 R13	82S	BL	7.8	573	174	260	190	5.00	4.50 - 6.00
		175/70 R13	82H	BL	7.8	573	174	260	190	5.00	4.50 - 6.00
		165/70 R13	79S	BL	7.6	559	166	254	181	5.00	4.00 - 5.50
		165/70 R13	79H	BL	7.6	558	167	254	182	5.00	4.00 - 5.50
		155/70 R13	75S	BL	7.3	545	153	249	167	4.50	4.00 - 5.00
	80	145/80 R13	75S	BL	6.8	562	145	256	158	4.00	4.00 - 5.00
12	80	145/80 R12	74S	BL	6.8	537	145	243	158	4.00	3.50 - 4.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

SUV/4x4/Pick-ups RADIAL TIRES

Product Line

Positioning Chart



SIZE LIST

LT: Red
P: Green

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES ST II	Open Country H/T	Open Country H/T-T.D.	Open Country A/T II	Open Country A/T	Open Country M/T	Open Country D/H	M65	785	M55	M633
24	30	295/30R24	105V XL										
	35	305/35R24	112V XL										
	40	285/40R24	112V XL										
	50	325/50R24					124R						
	-	40X15.50R24						128P					
		37X13.50R24						120Q					
23	40	305/40R23	115V XL										
22	35	285/35R22	106W XL										
		265/35R22	102W XL										
	40	305/40R22	114V XL										
		265/40R22	106V XL										
	45	305/45R22	118V XL				118S XL						
		285/45R22	114V XL	114H XL									
	50	325/50R22					122R						
	-	40X15.50R22						127Q					
		33X12.50R22						109P					
20	35	315/35R20	110W XL										
	40	295/40R20	106V										
		275/40R20	106W XL										
		255/40R20	101V XL										
	45	295/45R20	114V XL										
		265/45R20	108V XL										
		255/45R20	105V XL										
	50	305/50R20	120V XL										
		285/50R20					116T XL						
		265/50R20	111V XL	111V XL									
		255/50R20	109V XL										
	55	305/55R20				121/118S	121S						
		285/55R20					122S WO						
		275/55R20		117S XL			111S WO						
		235/55R20		102T									
	60	325/60R20					121R						
		305/60R20					123S						
		275/60R20		114S			114T WO						
	65	275/65R20					126S WO						
	-	40X15.50R20						130Q					
		38X15.50R20						125Q					
		38X13.50R20						124Q					
		37X13.50R20						127Q					
		35X12.50R20						121P 121Q					
		33X12.50R20						114P 114Q					
19	45	275/45R19	108Y XL										
	50	255/50R19	103V										
	55	255/55R19	111V XL	111V XL									
		245/55R19		103S									
	60	255/60R19		109H									
18	45	295/45R18	108V										
		255/45R18	99V										
	50	255/50R18	106V XL										
	55	255/55R18	109V XL	109V XL			109H XL						
		235/55R18		100V 104V XL									
	60	325/60R18					119S						
		285/60R18	116V	116H		120S	120S XL						
		275/60R18		111H									
		265/60R18		109T			109S						
				110H									
		255/60R18	112V XL										
		255/60R18		112H XL									
		245/60R18		104H									
		235/60R18		107V XL									
	65	355/65R18					125R 121R						
		285/65R18				125/122S	125/112S WO						

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES ST II	Open Country H/T	Open Country H/T-T.D.	Open Country A/T II	Open Country A/T	Open Country M/T	Open Country D/H	M65	785	M55	M633
18	65	275/65R18		114T		114T	114T WO						
				123S	123/120S	113/110T 113/110T WO 123/120S 123/120S WO	113T WO 123S WO						
		265/65R18				112S							
		265/65R18					112S WO						
		235/65R18		104T									
				106H									
		225/65R18		103H									
	70	275/70R18		125S	125/122S	125/122S 125/122S WO	125/122S WO	125P				125/122N	
		265/70R18		114S	124R		114S WO						
		255/70R18		113S			112T WO						
	75	285/75R18					129/126S						
	-	38X15.50R18						128Q					
		38X13.50R18						126Q					
		37X13.50R18						124P 124Q					
		35X12.50R18				123R		118P 123Q					
		33X12.50R18						118P 118Q					
17	55	275/55R17	109V										
		235/55R17		99H									
		225/55R17	97V	101H XL									
	60	285/60R17	114V										
		275/60R17	110V				110T WO						
		255/60R17	110V XL	106H									
		235/60R17		100S									
				102H		102H	102H						
		225/60R17	99V										
	65	285/65R17		116H		121/118S			116H WO				
		275/65R17		115T 115H		121/118R	115T		115H WO				
		265/65R17		110S		120/117R	110S WO	120/117P				120/117N	
				112S 112H			112S WO						
		255/65R17		108S			108S WO						
				110H			110H WO						
		245/65R17		105H		105T WO	105T WO						
				111H XL		111S XL WO	111H XL WO						
		235/65R17	104V	104H 108V XL			103H WO						
		225/65R17		102H			102H WO						
	70	355/70R17					127R						
		325/70R17					122R						
		295/70R17						121P 128P					
		285/70R17		117T			117T WO						
				121S		121/118S WO	121/118S WO 126/123S WO						
		265/70R17		113T		113S 113S WO	113S WO						
				115T									
				121/118S	121/118R	121/118S 121/118S WO	121/118S 121/118S WO	118P 121P				121/118N	
		255/70R17		110S			110S WO						
		245/70R17		108S			108S WO						
				119/116S		114/110S	119/116S WO						
		235/70R17		108S XL			108S XL WO						
	75	285/75R17					128S WO						
		255/75R17					113S WO						
		245/75R17		110S			110S WO						
				121S	121S	121/118S	121/118S WO					121/118N	
		235/75R17		108S			108S WO						
		225/75R17			116/113Q								
	80	235/80R17		120/117S	120/117R		120/117S WO					120/117N	

LT: Red
P: Green

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES ST II	Open Country H/T	Open Country H/T-T.D.	Open Country A/T II	Open Country A/T	Open Country M/T	Open Country D/H	M65	785	M55	M633
17	-	40X13.50R17						121Q					
		37X13.50R17						121P 131Q					
		35X12.50R17				121R		121P 125Q					
16	60	275/60R16	109V										
		235/60R16		100H									
		215/60R16		95H									
	65	255/65R16		109H		109H	109H						
		235/65R16		101S									
		215/65R16		98H									
	70	385/70R16						130Q					
		305/70R16					124Q WO	124P					
		275/70R16		114H		119/116S	114S 114H 114H WO						
				114H					114H WO				
		265/70R16		111S		111T 111T WO	111T WO						
						121/118R	117S WO						
			112V	112S 112H			112T WO						
		255/70R16		109S		109S 109S WO	109S WO						
						115/112S							
				111S 111H									
		245/70R16		106S		106S 106S WO	106S WO						
						118/115R							
				107S 107H			107S WO 111S XL WO						
		235/70R16		104T									
		235/70R16				104T 104T WO	104T 104T WO						
		235/70R16				110/107R							
		235/70R16		106T 106H			106T WO						
		225/70R16		101T		101T 101T WO	101S WO						
						102/99S							
				102T			102S WO						
		215/70R16		99H		99S	99S						
		215/70R16		100H									
	75	315/75R16					121Q WO	121P 127P 127Q					
		295/75R16					123Q WO						
		285/75R16		126S	126/123Q	126/123R 126/123R WO	122Q WO	126P 126/123P				126/123M	
		265/75R16		114T		114T 114T WO	114S WO						
				116T									
				112/109S 119/116S 123/120S	123/120Q	112/109T 112/109T WO 123/120R 123/120R WO	112/109S WO 119/116Q 119/116Q WO 123Q 123Q WO	123P				123/120N	
		245/75R16		109S		109S 109S WO	109S WO						
				120/116S	120/116R	108/104S 108/104S WO 120/116S 120/116S WO	108/104S 108/104S WO 120/116Q 120/116Q WO	120/116P				120/116N	
				111S									
		235/75R16		106S			106T WO						
		225/75R16		104S		104S	104S						
				115/112S		115/112Q	110/107Q 115/112Q	115/112P				115/112N	
				118/116S									

SIZE LIST

SUV/4x4
2

LT: Red
P: Green

RIM DIA.	ASPECT RATIO	TIRE SIZE	PROXES ST II	Open Country H/T	Open Country H/T-T.D.	Open Country A/T II	Open Country A/T	Open Country M/T	Open Country D/H	M65	785	M55	M633
16	85	255/85R16						123/120P				123/120M	
		235/85R16		120/116S	120/116Q	120/116R	120/116Q	120/116P				120/116N	
		215/85R16		115/112S		115/112Q	110/107Q 115/112Q					115/112N	
	-	205R16									112S 112N 104S XL	112/110N	
		750R16											114/112N
15	70	265/70R15		110S		110S	110S						
						109/105S							
				112T									
		255/70R15				112/110S	112/110S						
		235/70R15		102S			102S WO						
		235/70R15		103T									
		225/70R15		100T		100T	100T WO						
		215/70R15				98H	98H						
		205/70R15		96H									
	75	265/75R15				112S WO	112S WO						
		235/75R15		105S		108S XL WO	105S WO 108S WO						
				109S XL		110/107R 104/101S 104/101S WO	104/101S 104/101S WO 110/107S WO					104M	
				104/101S			109S XL WO						
		225/75R15		102S		102S WO	102S WO						
		215/75R15				100S 100S WO	100S 100S WO						
												100M	
		205/75R15					97S WO						
	-	37X14.50R15						120Q					
		35X13.50R15					113Q	114Q					
		33X13.50R15						109Q					
		33X12.50R15					108Q	108P					
		33X10.50R15						114P					
		31X10.50R15		109S		109S WO	109S WO	109Q					
		30X9.50R15				104S WO	104S WO						
		215R15									100S		
		195R15									94S		
14	70	225/70R14					98S WO						
	-	27X8.50R14								6PR WO			

PROXES ST II

The PROXES ST II is the latest sport performance tire for a variety of pickup trucks and SUVs meeting the market demand of plus-sizing applications with wide range of available sizes and highly sporty and luxury appearance. The PROXES ST II provides excellent handling performance in both dry and wet, improved irregular wear resistance, quiet ride and long wear life.

Product Features

- Sporty and functional directional tread design provides excellent handling performance and appealing looks.
- Optimized shoulder block design improves irregular wear and minimizes noise emission throughout the wear life
- Multi-slanted blocks improves water evacuation resulting in good aquaplaning performance on wet surface

Tread Design

Multi-slanted block & linear Grooving
Prevention of irregular wear

Silent wall
・Noise reduction

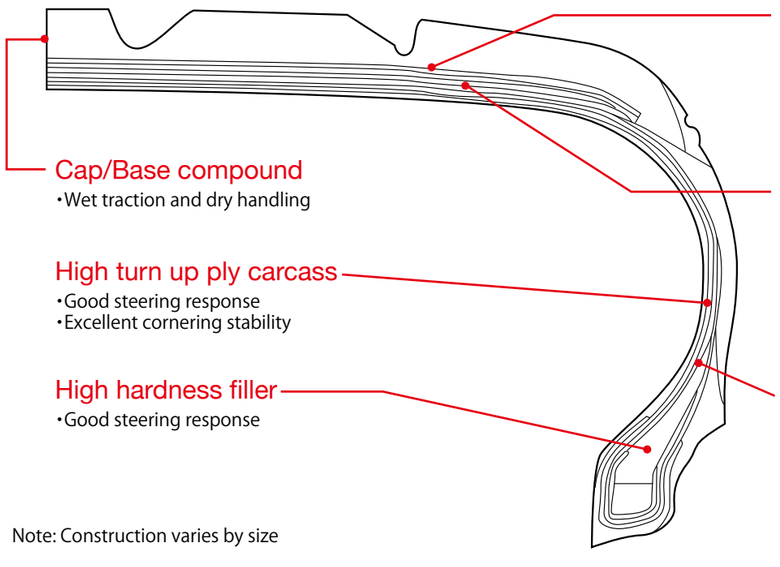
Multi-wave sipe
・Prevention of irregular wear

Open slit
・Water evacuation

Contact pressure equalizer
・Optimized block stiffness

5-variable pitch-pattern arrangement
・Noise reduction

Features & Benefits of Construction



Jointless 2cap plies
・High speed endurance
・Superior uniformity

Cap/Base compound
・Wet traction and dry handling

High tensile steel belt
・Improved riding comfort

High turn up ply carcass
・Good steering response
・Excellent cornering stability

High hardness filler
・Good steering response

Rim protector
・Prevents rim damage

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	30	295/30 R24	105V XL	BL	8.6	788	282	374	308	10.50	10.00 - 11.00
	35	305/35 R24	112V XL	BL	8.7	824	307	388	335	11.00	10.00 - 12.00
	40	285/40 R24	112V XL	BL	8.5	837	297	393	324	10.00	9.50 - 11.00
23	40	305/40 R23	115V XL	BL	8.7	825	309	386	336	11.00	10.00 - 12.00
22	35	285/35 R22	106W XL	BL	8.5	756	284	356	310	10.00	9.50 - 11.00
		265/35 R22	102W XL	BL	8.3	744	266	352	290	9.50	9.00 - 10.50
	40	305/40 R22	114V XL	BL	8.7	804	289	375	315	11.00	10.00 - 12.00
		265/40 R22	106V XL	BL	8.3	769	267	362	291	9.50	9.00 - 10.50
	45	305/45 R22	118V XL	BL	8.7	832	300	386	327	10.00	9.50 - 11.50
		285/45 R22	114V XL	BL	8.5	814	282	379	307	9.50	9.00 - 10.50
20	35	315/35 R20	110W XL	BL	8.8	727	310	339	338	11.00	10.50 - 12.50
	40	295/40 R20	106V	BL	8.6	744	296	346	322	10.50	10.00 - 11.50
		275/40 R20	106W XL	BL	8.4	728	272	340	297	9.50	9.00 - 11.00
		255/40 R20	101V XL	BL	8.2	712	255	334	278	9.00	8.50 - 10.00
	45	295/45 R20	114V XL	BL	8.6	774	291	358	317	10.00	9.50 - 11.00
		265/45 R20	108V XL	BL	8.3	747	260	347	284	9.00	8.50 - 10.00
		255/45 R20	105V XL	BL	8.2	737	252	343	275	8.50	8.00 - 9.50
	50	305/50 R20	120V XL	BL	9.1	813	309	373	336	9.50	8.50 - 11.00
		265/50 R20	111V XL	BL	8.7	773	274	357	299	8.50	7.50 - 9.50
		255/50 R20	109V XL	BL	8.6	765	258	354	281	8.00	7.00 - 9.00
19	45	275/45 R19	108Y XL	BL	8.0	729	271	337	295	9.00	8.50 - 10.50
	50	255/50 R19	103V	BL	8.6	738	259	341	282	8.00	7.00 - 9.00
	55	255/55 R19	111V XL	BL	8.7	761	261	350	284	8.00	7.00 - 9.00
18	45	295/45 R18	108V	BL	8.6	720	289	331	315	10.00	9.50 - 11.00
		255/45 R18	99V	BL	8.2	686	249	318	271	8.50	8.00 - 9.50
	50	255/50 R18	106V XL	BL	8.6	713	259	328	282	8.00	7.00 - 9.00
	55	255/55 R18	109V XL	BL	8.7	736	259	337	282	8.00	7.00 - 9.00
	60	285/60 R18	116V	BL	9.0	799	292	362	318	8.50	8.00 - 10.00
		255/60 R18	112V XL	BL	8.7	761	252	347	274	7.50	7.00 - 9.00
17	55	275/55 R17	109V	BL	8.9	733	277	333	302	8.50	7.50 - 9.50
		225/55 R17	97V	BL	8.4	679	232	312	253	7.00	6.00 - 8.00
	60	285/60 R17	114V	BL	9.0	772	288	349	314	8.50	8.00 - 10.00
		275/60 R17	110V	BL	8.9	760	275	344	300	8.00	7.50 - 9.50
		255/60 R17	110V XL	BL	8.7	738	260	335	283	7.50	7.00 - 9.00
		225/60 R17	99V	BL	8.4	703	226	322	247	6.50	6.00 - 8.00
	65	235/65 R17	104V	BL	8.5	736	237	335	258	7.00	6.50 - 8.50
16	60	275/60 R16	109V	BL	8.9	734	276	331	300	8.00	7.50 - 9.50
	70	265/70 R16	112V	BL	8.9	777	276	348	301	8.00	7.00 - 9.00

[LOAD INDEX] XL: EXTRA LOAD
[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TERRAIN

OPEN COUNTRY H/T

The OPEN COUNTRY H/T is an all-season, highway terrain tire designed for longer tire life, excellent handling in both dry and wet as well as improved ride comfort for a variety of pickup trucks, vans and SUVs. Its stylish tread appearance and wide range of available sizes surely attract many customers.

Product Features

- Long lasting compound and flatter casing profile for longer wear life
- Shoulder rib & center block design with wide main groove provides good handling in all weather conditions
- Tread design for Smooth tire wear with less irregular wear

Tread Design

Double wide straight grooves
- Superior water drainage

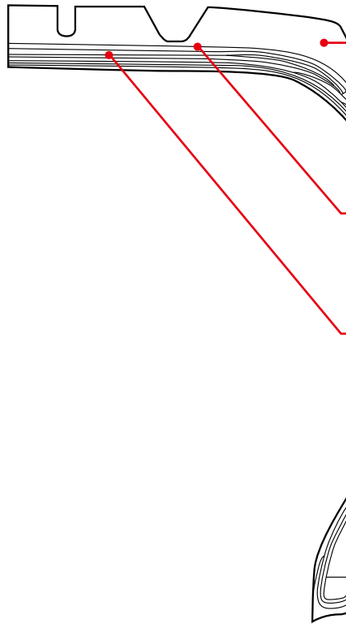
Circumferential shoulder rib
- Noise reduction
- Ride comfort

Multi-wave sipes
- Reduced shoulder wear

Multi-slanted blocks
- Prevention of irregular wear
- Snow traction

Block arrangement & sipes
- Noise reduction
- Ride comfort

Features & Benefits of Construction



Wide tread & square profile
- Long wear life
- Irregular wear prevention

New tread compound
- Long wear life

Spiral wound edge & cap ply
- High speed durability
- Precise uniformity

High tensile steel belts
- Handling
- Stability

High modulus polyester 2-plies
- Handling
- Stability
- Durability

Note: Construction varies by size

OPEN COUNTRY H/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22	45	285/45 R22	114H XL	BL	9.7	814	285	379	311	9.50	9.00 - 10.50
20	50	265/50 R20	111V XL	BL	8.6	773	278	357	303	8.50	7.50 - 9.50
	55	P235/55 R20	102T	BL	9.9	768	238	355	259	7.50	6.50 - 8.50
		275/55 R20	117S XL	WO	10.3	810	289	372	315	8.50	7.50 - 9.50
	60	P275/60 R20	114S	WO	10.3	841	277	384	302	8.00	7.50 - 9.50
19	55	P245/55 R19	103S	BL	10.0	754	245	347	267	7.50	7.00 - 8.50
		255/55 R19	111V XL	BL	9.7	762	265	350	289	8.00	7.00 - 9.00
	60	255/60 R19	109H	BL	10.1	789	260	361	283	7.50	7.00 - 9.00
18	55	255/55 R18	109V XL	BL	9.7	738	264	338	288	8.00	7.00 - 9.00
		235/55 R18	100V	BL	8.0	715	245	329	267	7.50	6.50 - 8.50
		235/55 R18	104V XL	BL	8.0	716	241	330	262	7.50	6.50 - 8.50
	60	P275/60 R18	111H	BL	10.3	782	276	355	300	8.00	7.50 - 9.50
		P265/60 R18	109T	WO	10.2	774	269	352	293	8.00	7.00 - 9.50
		P245/60 R18	104H	BL	10.0	753	245	344	267	7.00	7.00 - 8.50
		285/60 R18	116H	BL	9.5	799	292	362	318	8.50	8.00 - 10.00
		265/60 R18	110H	WO	10.2	776	271	353	295	8.00	7.50 - 9.50
		255/60 R18	112H XL	BL	10.1	762	257	347	280	7.50	7.00 - 9.00
		235/60 R18	107V XL	BL	8.5	739	240	339	262	7.00	6.50 - 8.50
	65	P275/65 R18	114T	WO	10.3	817	279	369	305	8.00	7.50 - 9.50
		P235/65 R18	104T	BL	9.9	766	244	349	266	7.00	6.50 - 8.50
		235/65 R18	106H	BL	9.9	766	245	349	267	7.00	6.50 - 8.50
		225/65 R18	103H	BL	9.8	751	225	343	245	6.50	6.00 - 8.00
	70	P265/70 R18	114S	WO	10.4	829	275	374	300	8.00	7.00 - 9.00
		255/70 R18	113S	BL	9.4	817	263	369	287	7.50	6.50 - 8.50
17	55	235/55 R17	99H	BL	10.0	690	239	317	261	7.50	6.50 - 8.50
		225/55 R17	101H XL	BL	9.8	681	224	313	244	7.00	6.00 - 8.00
	60	P235/60 R17	100S	WO	9.0	716	239	327	261	7.00	6.50 - 8.50
		255/60 R17	106H	BL	10.2	738	261	335	284	7.50	7.00 - 9.00
		235/60 R17	102H	WO	9.9	715	239	326	261	7.00	6.50 - 8.50
	65	P265/65 R17	110S	WO	10.2	774	268	349	292	8.00	7.50 - 9.50
		P255/65 R17	108S	WO	10.1	764	262	345	286	7.50	7.00 - 9.00
		P245/65 R17	105H	WO	10.0	749	247	340	269	7.00	7.00 - 8.50
		285/65 R17	116H	BL	10.5	799	292	359	318	8.50	8.00 - 10.00
		275/65 R17	115T	WO	10.3	790	279	356	304	8.00	7.50 - 9.50
		275/65 R17	115H	WO	10.4	790	279	356	304	8.00	7.50 - 9.50
		265/65 R17	112S	WO	10.2	774	268	349	292	8.00	7.50 - 9.50
		265/65 R17	112H	WO	10.3	777	271	351	295	8.00	7.50 - 9.50
		255/65 R17	110H	WO	10.1	766	261	346	284	7.50	7.00 - 9.00
		245/65 R17	111H XL	WO	10.0	749	247	340	270	7.00	7.00 - 8.50
		235/65 R17	104H	WO	9.9	737	239	335	261	7.00	6.50 - 8.50
		235/65 R17	108V XL	WO	9.9	739	238	336	259	7.00	6.50 - 8.50
		225/65 R17	102H	BL	9.8	724	226	330	246	6.50	6.00 - 8.00
	70	P285/70 R17	117T	BL	10.7	830	289	371	315	8.50	7.50 - 9.50
		P265/70 R17	113T	WO	10.4	801	272	360	296	8.00	7.00 - 9.00
		P255/70 R17	110S	WO	10.3	790	262	356	286	7.50	6.50 - 8.50
		P245/70 R17	108S	WO	10.2	776	249	350	271	7.00	6.50 - 8.00
		P235/70 R17	108S XL	WO	10.1	759	240	344	262	7.00	6.00 - 8.00
		265/70 R17	115T	WO	10.4	801	273	360	297	8.00	7.00 - 9.00
	75	P245/75 R17	110S	WO	10.2	800	249	359	271	7.00	6.50 - 8.00
		P235/75 R17	108S	WO	10.2	784	241	353	263	6.50	6.00 - 8.00
16	60	235/60 R16	100H	BL	9.9	688	240	313	261	7.00	6.50 - 8.50
		215/60 R16	95H	BL	9.7	664	219	304	238	6.50	6.00 - 7.50
	65	P235/65 R16	101S	BL	9.9	712	243	322	265	7.00	6.50 - 8.50
		255/65 R16	109H	BL	10.1	738	260	333	283	7.50	7.00 - 9.00
		215/65 R16	98H	BL	9.7	685	223	312	243	6.50	6.00 - 7.50

OPEN COUNTRY H/T

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	70	P275/70 R16	114H	BL	10.5	791	274	353	299	8.00	7.00 - 9.00
		P265/70 R16	111S	WO	10.4	778	265	348	289	8.00	7.00 - 9.00
		P255/70 R16	109S	WO	10.3	762	256	342	279	7.50	6.50 - 8.50
		P245/70 R16	106S	WO	10.2	747	243	336	265	7.00	6.50 - 8.00
		P235/70 R16	104T	WO	10.1	735	236	331	258	7.00	6.00 - 8.00
		P225/70 R16	101T	WO	10.0	722	228	326	249	6.50	6.00 - 7.50
		P215/70 R16	99H	BL	9.9	709	220	321	240	6.50	5.50 - 7.00
		275/70 R16	114H	WO	10.5	792	279	354	304	8.00	7.00 - 9.00
		265/70 R16	112S	WO	10.4	778	268	348	292	8.00	7.00 - 9.00
		265/70 R16	112H	WO	10.4	778	272	348	296	8.00	7.00 - 9.00
		255/70 R16	111S	WO	10.3	764	260	343	283	7.50	6.50 - 8.50
		255/70 R16	111H	WO	10.3	763	257	342	280	7.50	6.50 - 8.50
		245/70 R16	107S	WO	10.2	747	243	336	265	7.00	6.50 - 8.00
		245/70 R16	107H	WO	10.2	750	248	337	270	7.00	6.50 - 8.00
		235/70 R16	106T	WO	10.1	736	240	332	262	7.00	6.00 - 8.00
		235/70 R16	106H	WO	10.1	736	240	332	262	7.00	6.00 - 8.00
		225/70 R16	102T	WO	10.0	722	228	326	249	6.50	6.00 - 7.50
		215/70 R16	100H	BL	9.9	708	221	321	241	6.50	5.50 - 7.00
	75	P265/75 R16	114T	WO	10.4	801	265	357	289	7.50	7.00 - 9.00
		P245/75 R16	109S	WO	10.2	772	250	346	273	7.00	6.50 - 8.00
		P235/75 R16	106S	WO	10.2	757	240	340	262	6.50	6.00 - 8.00
		P225/75 R16	104S	WO	10.0	745	226	335	246	6.00	6.00 - 7.50
		265/75 R16	116T	WO	10.4	799	270	356	295	7.50	7.00 - 9.00
		245/75 R16	111S	WO	10.2	772	250	346	273	7.00	6.50 - 8.00
		225/75 R16	118/116S	WO	11.0	744	233	335	254	6.00	6.00 - 7.00
15	70	P265/70 R15	110S	BL	10.4	752	264	335	288	8.00	7.00 - 9.00
		P235/70 R15	102S	WO	10.1	710	238	319	259	7.00	6.00 - 8.00
		P225/70 R15	100T	WO	10.0	697	227	314	248	6.50	6.00 - 7.50
		265/70 R15	112T	BL	10.4	752	269	335	293	8.00	7.00 - 9.00
		235/70 R15	103T	WO	10.2	711	240	319	262	7.00	6.00 - 8.00
		205/70 R15	96H	BL	9.8	669	209	303	228	6.00	5.00 - 7.00
	75	P235/75 R15	105S	WO	10.1	734	236	328	257	6.50	6.00 - 8.00
		P225/75 R15	102S	WO	10.0	720	226	323	246	6.00	6.00 - 7.50
		235/75 R15	109S XL	WO	10.1	733	239	328	261	6.50	6.00 - 8.00
18	65	LT275/65 R18	123S	WO	12.4	812	277	367	301	8.00	7.50 - 9.00
	70	LT275/70 R18	125S	WO	12.4	840	281	378	306	8.00	7.00 - 8.50
17	70	LT285/70 R17	121S	WO	13.1	830	296	371	323	8.50	7.50 - 9.00
		LT265/70 R17	121/118S	WO	12.4	802	272	360	296	8.00	7.00 - 8.50
		LT245/70 R17	119/116S	WO	12.2	775	248	350	270	7.00	6.50 - 8.00
	75	LT245/75 R17	121S	WO	12.1	800	252	359	275	7.00	6.50 - 7.50
	80	LT235/80 R17	120/117S	BL	12.1	806	233	362	254	6.50	6.00 - 7.50
16	75	LT285/75 R16	126S	WO	13.1	834	289	370	315	8.00	7.50 - 9.00
		LT265/75 R16	112/109S	WO	12.4	802	274	357	299	7.50	7.00 - 8.00
		LT265/75 R16	119/116S	WO	12.4	802	274	357	299	7.50	7.00 - 8.00
		LT265/75 R16	123/120S	WO	12.4	802	274	357	299	7.50	7.00 - 8.00
		LT245/75 R16	120/116S	WO	12.1	773	252	346	275	7.00	6.50 - 8.00
		LT225/75 R16	115/112S	BL	11.0	743	230	334	251	6.00	6.00 - 7.00
	85	LT235/85 R16	120/116S	WO	12.1	807	238	359	259	6.50	6.00 - 7.50
		LT215/85 R16	115/112S	BL	11.9	772	225	346	245	6.00	5.50 - 7.00
15	75	LT235/75 R15	104/101S	WO	11.1	731	241	327	263	6.50	6.00 - 7.00
	-	31X10.50 R15	109S	WO	12.4	770	278	342	303	8.50	7.00 - 9.00

OPEN COUNTRY H/T - " TUFF DUTY "

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
○ 18	65	LT275/65 R18	123/120S	BL	12.9	815	279	368	304	8.00	7.50 - 9.00
○	70	LT275/70 R18	125/122S	BL	12.9	843	279	379	304	8.00	7.00 - 8.50
○		LT265/70 R18	124R	BL	12.9	829	272	374	296	8.00	7.00 - 9.00
○ 17	70	LT265/70 R17	121/118R	BL	12.9	800	274	359	299	8.00	7.00 - 8.50
○	75	LT245/75 R17	121S	BL	12.6	800	248	359	270	7.00	6.50 - 7.50
○		LT225/75 R17	116/113Q	BL	11.5	770	222	348	242	6.00	6.00 - 7.50
○	80	LT235/80 R17	120/117R	BL	12.6	808	234	362	255	6.50	6.00 - 7.50
○ 16	75	LT285/75 R16	126/123Q	BL	13.6	834	287	370	313	8.00	7.50 - 9.00
○		LT265/75 R16	123/120Q	BL	12.9	802	270	358	295	7.50	7.00 - 8.00
○		LT245/75 R16	120/116R	BL	12.6	776	251	348	273	7.00	6.50 - 8.00
○	85	LT235/85 R16	120/116Q	BL	12.6	803	235	358	256	6.50	6.00 - 7.50

○: " TUFF DUTY "- specification = 3 belts construction

[LOAD INDEX] XL: EXTRA LOAD

[SIDE WALL] BL: BLACK LETTERS, WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

SUV/4x4 2

ALL TERRAIN

OPEN COUNTRY A/T II

The OPEN COUNTRY A/T II is a new generation of All Terrain type for SUVs and Pick-Ups offering highly dependable performance inherited from very successful 1st generation " OPEN COUNTRY A/T ".
The OPEN COUNTRY A/T II provides extra long mileage as well as good traction throughout the life with aggressive tread appearance. To satisfy the requirement of a variety of customers, TOYO developed specific designs for three separate categories, P-series, LT- series and new "XTREAM-series" with deeper scallop shoulder and more aggressive tread appearance

Product Features

- New Wear- resistant Compound for Longer Wear Life
- Aggressive tread and sidewall design for improved traction in all weather conditions.
- Optimized tread profile for improved irregular wear resistance

Tread Design

Optimized pattern arrangement Block size distribution & variable pitch
• Low noise

Staggered & scalloped shoulder lugs
•Off-road traction

Zigzag sipe
•Snow performance

Groove in blocks
•Enhanced mud traction
•Snow traction
•Stone ejecting

Fringed block edges
•Initial traction appearance

Tie bar between blocks
•Shoulder irregular wear
•Noise performance

Features & Benefits of Construction

Aggressive Tread Design
•Excellent traction in all weather conditions

High-wear resistance cap/base tread construction
•Longer wear life

Spiral Cap & Edge ply
•Good handling capabilities
•Excellent Uniformity

Two wide steel belts
•Good Handling Stability & High speed Durability

Polyester casing
•Good Handling Stability

Stiff bead filler
•Good Steering Response

Thick sidewall
•Protect Sidewall Impact

Rim protector
•Prevent rim damage

Jointless bead wire
•Excellent Uniformity & High speed stability

Note: Construction varies by size

OPEN COUNTRY A/T II

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	60	285/60 R18	120S	BL	*	*	*	*	*	*	*
	65	P275/65 R18	114T	BL	10.4	815	279	368	304	8.00	7.50 - 9.50
		P265/65 R18	112S	BL	10.3	801	272	363	296	8.00	7.50 - 9.50
17	60	235/60 R17	102H	BL	*	*	*	*	*	*	*
	65	P245/65 R17	105T	WO	10.0	750	248	340	270	7.00	7.00 - 8.50
		245/65 R17	111S XL	WO	10.0	750	248	340	270	7.00	7.00 - 8.50
	70	P265/70 R17	113S	BL	10.4	804	272	361	296	8.00	7.00 - 9.00
		P265/70 R17	113S	WO	10.4	801	271	360	295	8.00	7.00 - 9.00
16	65	255/65 R16	109H	BL	10.1	738	260	333	283	7.50	7.00 - 9.00
	70	P265/70 R16	111T	BL	10.4	777	276	348	301	8.00	7.00 - 9.00
		P265/70 R16	111T	WO	10.4	778	272	348	296	8.00	7.00 - 9.00
		P255/70 R16	109S	BL	10.3	764	260	343	283	7.50	6.50 - 8.50
		P255/70 R16	109S	WO	10.3	764	260	343	283	7.50	6.50 - 8.50
		P245/70 R16	106S	BL	10.2	750	248	337	270	7.00	6.50 - 8.00
		P245/70 R16	106S	WO	10.2	750	248	337	270	7.00	6.50 - 8.00
		P235/70 R16	104T	BL	10.1	736	240	332	262	7.00	6.00 - 8.00
		P235/70 R16	104T	WO	10.1	736	240	332	262	7.00	6.00 - 8.00
		P225/70 R16	101T	BL	10.0	722	228	326	249	6.50	6.00 - 7.50
		P225/70 R16	101T	WO	10.0	722	228	326	249	6.50	6.00 - 7.50
		P215/70 R16	99S	BL	9.9	708	221	321	241	6.50	5.50 - 7.00
	75	P265/75 R16	114T	BL	10.4	804	267	358	291	7.50	7.00 - 9.00
		P265/75 R16	114T	WO	10.4	804	267	358	291	7.50	7.00 - 9.00
		P245/75 R16	109S	BL	10.2	774	248	347	270	7.00	6.50 - 8.00
		P245/75 R16	109S	WO	10.2	774	248	347	270	7.00	6.50 - 8.00
		P225/75 R16	104S	BL	10.0	744	223	335	243	6.00	6.00 - 7.50
15	70	P265/70 R15	110S	BL	*	*	*	*	*	*	*
		P225/70 R15	100T	BL	*	*	*	*	*	*	*
		215/70 R15	98H	BL	*	*	*	*	*	*	*
	75	P265/75 R15	112S	WO	10.4	779	267	346	291	7.50	7.00 - 9.00
		P235/75 R15	108S XL	WO	10.1	733	235	328	256	6.50	6.00 - 8.00
		P225/75 R15	102S	WO	10.0	719	223	322	243	6.00	6.00 - 7.50
		P215/75 R15	100S	BL	9.9	703	216	316	235	6.00	5.00 - 7.00
		P215/75 R15	100S	WO	9.9	703	216	316	235	6.00	5.50 - 7.00
20	55	LT305/55 R20	121/118S	BL	12.9	844	316	385	344	9.50	8.50 - 11.00
18	50	35X12.50 R18	123R	BL	13.5	877	318	392	347	10.00	8.50 - 11.00
	65	LT285/65 R18	125/122S	BL	13.4	827	292	373	318	8.50	8.00 - 10.00
		LT275/65 R18	113/110T	BL	12.7	815	279	368	304	8.00	7.50 - 9.00
		LT275/65 R18	113/110T	WO	12.7	815	279	368	304	8.00	7.50 - 9.00
		LT275/65 R18	123/120S	BL	12.7	815	279	368	304	8.00	7.50 - 9.00
		LT275/65 R18	123/120S	WO	12.7	815	279	368	304	8.00	7.50 - 9.00
	70	LT275/70 R18	125/122S	BL	12.8	843	279	379	304	8.00	7.00 - 8.50
		LT275/70 R18	125/122S	WO	12.8	843	279	379	304	8.00	7.00 - 8.50
17	65	LT285/65 R17	121/118S	BL	13.4	802	292	360	318	8.50	8.00 - 10.00
		LT275/65 R17	121/118R	*	*	*	*	*	*	*	*
		LT265/65 R17	120/117R	*	*	*	*	*	*	*	*
	70	LT285/70 R17	121/118S	WO	12.9	832	292	372	318	8.50	7.50 - 9.00
		LT265/70 R17	121/118S	BL	12.7	804	272	361	296	8.00	7.00 - 8.50
		LT265/70 R17	121/118S	WO	12.7	804	272	361	296	8.00	7.00 - 8.50
		LT245/70 R17	114/110S	BL	12.5	776	248	350	270	7.00	6.50 - 8.00
	75	LT245/75 R17	121/118S	BL	12.5	800	248	359	270	7.00	6.50 - 7.50
	-	35X12.50 R17	121R	BL	13.8	877	318	390	347	10.00	8.50 - 11.00
16	70	LT275/70 R16	119/116S	BL	*	*	*	*	*	*	*
		LT265/70 R16	121/118R	BL	*	*	*	*	*	*	*
		LT255/70 R16	115/112S	BL	12.6	764	260	343	283	7.50	6.50 - 8.00
		LT245/70 R16	118/115R	BL	*	*	*	*	*	*	*
		LT235/70 R16	110/107R	BL	*	*	*	*	*	*	*
		LT225/70 R16	102/99S	BL	*	*	*	*	*	*	*

OPEN COUNTRY A/T II

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	75	LT285/75 R16	126/123R	BL	13.1	834	286	370	312	8.00	7.50 - 9.00
		LT285/75 R16	126/123R	WO	13.1	834	286	370	312	8.00	7.50 - 9.00
		LT265/75 R16	112/109T	BL	12.7	804	267	358	291	7.50	7.00 - 8.00
		LT265/75 R16	112/109T	WO	12.7	804	267	358	291	7.50	7.00 - 8.00
		LT265/75 R16	123/120R	BL	12.7	804	267	358	291	7.50	7.00 - 8.00
		LT265/75 R16	123/120R	WO	12.7	804	267	358	291	7.50	7.00 - 8.00
		LT245/75 R16	108/104S	BL	12.4	774	248	347	270	7.00	6.50 - 8.00
		LT245/75 R16	108/104S	WO	12.5	774	248	347	270	7.00	6.50 - 8.00
		LT245/75 R16	120/116S	BL	12.4	774	248	347	270	7.00	6.50 - 8.00
		LT245/75 R16	120/116S	WO	12.5	774	248	347	270	7.00	6.50 - 8.00
		LT225/75 R16	115/112Q	BL	12.3	744	223	335	243	6.00	6.00 - 7.00
	85	LT235/85 R16	120/116R	BL	12.4	806	235	359	256	6.50	6.00 - 7.50
		LT215/85 R16	115/112Q	BL	12.2	772	216	346	235	6.00	5.50 - 7.00
15	70	LT265/70 R15	109/105S	BL	*	*	*	*	*	*	*
		255/70 R15C	112/110S	BL	*	*	*	*	*	*	*
	75	LT235/75 R15	110/107R	BL	*	*	*	*	*	*	*
		LT235/75 R15	104/101S	BL	12.4	733	235	328	256	6.50	6.00 - 7.00
		LT235/75 R15	104/101S	WO	12.4	733	235	328	256	6.50	6.00 - 7.00
	-	31X10.50 R15	109S	WO	12.7	775	268	344	292	8.50	7.00 - 9.00
		30X9.50 R15	104S	WO	12.4	750	240	334	262	7.50	6.50 - 8.50

*To be available soon

[LOAD INDEX] XL: EXTRA LOAD

[SIDE WALL] BL: BLACK LETTERS, WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ALL TERRAIN

OPEN COUNTRY A/T

The OPEN COUNTRY A/T offers aggressive wet and snow traction with exceptional wear life for pickups, vans and SUVs. This versatile all-terrain tire delivers rugged good looks without compromising handling, ride comfort or On and Off road stability. Its well reputed performance verified in many countries and areas continues to satisfy a variety of customers worldwide.

Product Features

- Aggressive tread design for all-terrain traction
- Long lasting compound for longer wear life
- Excellent handling performance in all weather

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22	45	305/45 R22	118S XL	BL	11.0	829	302	385	329	10.00	9.50 - 11.50
20	50	285/50 R20	116T XL	BL	9.8	795	293	366	319	9.00	8.00 - 10.00
	55	P275/55 R20	111S	WO	10.3	809	285	371	311	8.50	7.50 - 9.50
	60	P275/60 R20	114T	WO	10.3	835	279	382	304	8.00	7.50 - 9.50
18	55	255/55 R18	109H XL	BL	9.7	737	262	338	285	8.00	7.00 - 9.00
	60	P265/60 R18	109S	BL	10.2	777	272	353	296	8.00	7.50 - 9.50
		285/60 R18	120S XL	BL	10.8	779	292	354	318	8.50	8.00 - 10.00
	65	P275/65 R18	114T	WO	10.3	815	280	368	305	8.00	7.00 - 9.50
		P265/65 R18	112S	WO	10.2	803	269	363	293	8.00	7.50 - 9.50
	70	P265/70 R18	114S	WO	10.5	829	272	374	296	8.00	7.00 - 9.00
		P255/70 R18	112T	WO	10.7	816	261	368	284	7.50	6.50 - 8.50
17	60	P275/60 R17	110T	WO	10.3	760	282	344	307	8.00	7.50 - 9.50
		235/60 R17	102H	BL	10.0	714	240	326	262	7.00	6.50 - 8.50
	65	P265/65 R17	110S	WO	10.2	775	270	350	294	8.00	7.50 - 9.50
		P255/65 R17	108S	WO	10.1	765	253	346	276	7.50	7.00 - 9.00
		P245/65 R17	105T	WO	10.0	749	245	340	267	7.00	7.50 - 8.50
		P235/65 R17	103H	WO	9.9	736	239	335	261	7.00	6.50 - 8.50
		275/65 R17	115T	BL	10.4	788	280	355	305	8.00	7.50 - 9.50
		265/65 R17	112S	WO	10.2	776	272	350	296	8.00	7.50 - 9.50
		255/65 R17	110H	WO	10.1	767	260	347	283	7.50	7.00 - 9.00
		245/65 R17	111H XL	WO	10.0	750	246	340	268	7.00	7.00 - 8.50
		225/65 R17	102H	WO	9.8	724	226	330	246	6.50	6.00 - 8.00
	70	P285/70 R17	117T	WO	10.6	830	290	371	316	8.50	7.00 - 9.50
		P265/70 R17	113S	WO	10.4	802	274	360	299	8.00	7.00 - 9.00
		P255/70 R17	110S	WO	10.3	790	259	356	282	7.50	6.50 - 8.50
		P245/70 R17	108S	WO	10.2	776	248	350	270	7.00	6.50 - 8.00
		P235/70 R17	108S XL	WO	10.1	760	243	344	265	7.00	6.00 - 8.00
	75	P255/75 R17	113S	WO	10.3	815	253	365	276	7.00	6.50 - 8.50
		P245/75 R17	110S	WO	10.2	799	250	359	273	7.00	6.50 - 8.00
		P235/75 R17	108S	WO	10.1	784	236	353	257	6.50	6.00 - 8.00
16	65	255/65 R16	109H	BL	10.2	738	260	333	283	7.50	7.00 - 9.00
	70	P275/70 R16	114S	BL	10.5	795	273	355	298	8.00	7.00 - 9.00
		P275/70 R16	114H	BL	10.5	795	273	355	298	8.00	7.00 - 9.00
		P275/70 R16	114H	WO	10.5	795	273	355	298	8.00	7.00 - 9.00
		P265/70 R16	111T	WO	10.4	779	266	349	290	8.00	7.00 - 9.00
		P255/70 R16	109S	WO	10.3	764	247	343	269	7.50	6.50 - 8.50
		P245/70 R16	106S	WO	10.2	745	243	335	265	7.00	6.50 - 8.00
		P235/70 R16	104T	BL	10.1	734	239	331	261	7.00	6.00 - 8.00
		P235/70 R16	104T	WO	10.1	735	235	331	256	7.00	6.00 - 8.00
		P225/70 R16	101S	WO	10.0	726	226	328	246	6.50	6.00 - 7.50
		P215/70 R16	99S	BL	9.9	711	218	322	238	6.50	5.50 - 7.00
		265/70 R16	112T	WO	10.3	777	271	348	295	8.00	7.00 - 9.00
		245/70 R16	107S	WO	10.2	745	246	335	268	7.00	6.50 - 8.00
		245/70 R16	111S XL	WO	10.2	746	249	336	271	7.00	6.50 - 8.00
		235/70 R16	106T	WO	10.1	736	240	332	262	7.00	6.00 - 8.00
		225/70 R16	102S	WO	10.0	726	226	328	246	6.50	6.00 - 7.50
	75	P265/75 R16	114S	WO	10.4	804	261	358	284	7.50	7.00 - 9.00
		P245/75 R16	109S	WO	10.2	775	250	347	273	7.00	6.50 - 8.00
		P235/75 R16	106T	WO	10.1	759	236	341	257	6.50	6.00 - 8.00
		P225/75 R16	104S	BL	10.0	747	226	336	246	6.00	6.00 - 7.50

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
15	70	P265/70 R15	110S	BL	10.4	753	265	336	289	8.00	7.00 - 9.00
		P235/70 R15	102S	WO	10.1	710	235	319	256	7.00	6.00 - 8.00
		P225/70 R15	100T	WO	10.0	699	229	315	250	6.50	6.00 - 7.50
		215/70 R15	98H	BL	10.0	686	212	309	231	6.50	5.50 - 7.00
	75	P265/75 R15	112S	WO	10.4	779	261	346	284	7.50	7.00 - 9.00
		P235/75 R15	105S	WO	10.1	734	239	328	261	6.50	6.00 - 8.00
		P235/75 R15	108S	WO	10.1	735	239	337	261	6.50	6.00 - 8.00
		P225/75 R15	102S	WO	10.0	721	225	323	245	6.00	6.00 - 7.50
		P215/75 R15	100S	BL	9.9	705	219	317	239	6.00	5.00 - 7.00
		P215/75 R15	100S	WO	9.9	703	219	316	239	6.00	5.50 - 7.00
		P205/75 R15	97S	WO	9.8	691	206	311	225	5.50	5.00 - 7.00
		235/75 R15	109S XL	WO	10.2	734	239	328	261	6.50	6.00 - 8.00
14	70	P225/70 R14	98S	WO	10.0	676	226	303	246	6.50	6.00 - 7.50
24	50	LT325/50 R24	124R	BL	13.2	933	325	431	354	10.00	9.00 - 12.00
22	50	LT325/50 R22	122R	BL	13.1	885	329	407	359	10.00	9.50 - 10.50
20	55	LT305/55 R20	121S	BL	12.4	844	316	385	344	9.50	8.50 - 11.00
		LT285/55 R20	122S	WO	12.4	821	297	376	324	9.00	8.00 - 10.00
	60	LT325/60 R20	121R	BL	12.4	893	327	404	356	9.50	9.00 - 12.00
		LT305/60 R20	123S	BL	12.4	872	319	396	348	9.00	8.50 - 11.00
	65	LT275/65 R20	126S	WO	12.8	864	279	393	304	8.00	7.50 - 9.50
18	60	LT325/60 R18	119S	BL	12.4	839	320	378	348	9.50	9.50 - 10.50
	65	LT355/65 R18	125R	BL	13.1	932	356	414	388	10.50	10.00 - 11.00
		LT325/65 R18	121R	BL	13.1	886	330	396	360	9.50	9.00 - 10.00
		LT285/65 R18	125/112S	WO	13.1	825	290	372	316	8.50	8.00 - 10.00
		LT275/65 R18	113T	WO	12.4	811	278	367	303	8.00	7.50 - 9.00
		LT275/65 R18	123S	WO	12.4	813	279	367	304	8.00	7.50 - 9.00
	70	LT275/70 R18	125/122S	WO	12.4	840	279	378	304	8.00	7.00 - 8.50
	75	LT285/75 R18	129/126S	BL	13.2	885	285	395	311	8.00	7.50 - 9.50
17	70	LT355/70 R17	127R	BL	13.3	928	360	409	392	10.50	9.50 - 11.00
		LT325/70 R17	122R	BL	13.3	886	330	393	360	9.50	8.50 - 11.00
		LT285/70 R17	121/118S	WO	13.1	830	288	371	314	8.50	7.50 - 9.00
		LT285/70 R17	126/123S	WO	13.2	830	291	371	317	8.50	7.50 - 9.00
		LT265/70 R17	121/118S	BL	12.4	805	273	361	298	8.00	7.00 - 8.50
		LT265/70 R17	121/118S	WO	12.4	804	272	361	296	8.00	7.00 - 8.50
		LT245/70 R17	119/116S	WO	12.1	775	247	350	269	7.00	6.50 - 8.00
	75	LT285/75 R17	128S	WO	13.1	860	286	383	311	8.00	7.50 - 9.50
		LT245/75 R17	121/118S	WO	12.1	799	251	359	274	7.00	6.50 - 7.50
	80	LT235/80 R17	120/117S	WO	12.1	806	235	362	257	6.50	6.00 - 7.50
16	70	LT305/70 R16	124Q	WO	13.1	830	312	368	340	9.00	8.00 - 9.50
		LT265/70 R16	117S	WO	12.4	776	272	348	297	8.00	7.00 - 8.50
	75	LT315/75 R16	121Q	WO	13.1	877	319	387	347	8.50	8.00 - 11.00
		LT295/75 R16	123Q	WO	13.1	845	298	374	324	8.00	7.50 - 9.50
		LT285/75 R16	122Q	WO	13.1	834	286	370	312	8.00	7.50 - 9.00
		LT265/75 R16	112/109S	WO	12.4	803	265	358	289	7.50	7.00 - 8.00
		LT265/75 R16	119/116Q	BL	12.4	802	271	357	295	7.50	7.00 - 8.00
		LT265/75 R16	119/116Q	WO	12.4	802	271	357	295	7.50	7.00 - 8.00
		LT265/75 R16	123Q	BL	12.4	802	266	357	290	7.50	7.00 - 8.00
		LT265/75 R16	123Q	WO	12.4	802	266	357	290	7.50	7.00 - 8.00
		LT245/75 R16	108/104S	BL	12.1	770	250	345	273	7.00	6.50 - 8.00
		LT245/75 R16	108/104S	WO	12.1	770	250	345	273	7.00	6.50 - 8.00
		LT245/75 R16	120/116Q	BL	12.1	772	247	346	269	7.00	6.50 - 8.00
		LT245/75 R16	120/116Q	WO	12.1	772	247	346	269	7.00	6.50 - 8.00
		LT225/75 R16	110/107Q	BL	11.0	742	225	334	245	6.00	6.00 - 7.50
		LT225/75 R16	115/112Q	BL	11.0	742	225	334	245	6.00	6.00 - 7.50
	85	LT235/85 R16	120/116Q	BL	12.1	808	239	360	261	6.50	6.00 - 7.00
		LT215/85 R16	110/107Q	BL	11.9	774	218	347	238	6.00	5.50 - 7.00
		LT215/85 R16	115/112Q	BL	11.9	774	218	347	238	6.00	5.50 - 7.00

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
15	70	255/70 R15C	112/110S	BL	12.3	739	260	330	283	7.50	7.00 - 8.00
	75	LT235/75 R15	104/101S	BL	11.1	731	235	327	256	6.50	6.00 - 7.00
		LT235/75 R15	104/101S	WO	11.1	733	235	328	256	6.50	6.00 - 7.00
		LT235/75 R15	110/107S	WO	11.1	731	234	327	255	6.50	6.00 - 7.00
	-	35X12.50 R15	113Q	BL	13.1	877	322	384	351	10.00	8.50 - 11.00
		33X12.50 R15	108Q	BL	13.1	828	317	365	346	10.00	8.50 - 11.00
		31X10.50 R15	109S	WO	12.4	775	268	344	292	8.50	7.00 - 9.00
		30X9.50 R15	104S	WO	12.4	746	245	333	267	7.50	6.50 - 8.50

[LOAD INDEX] XL: EXTRA LOAD

[SIDE WALL] BL: BLACK LETTERS, WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

MUD TERRAIN

OPEN COUNTRY M/T

The OPEN COUNTRY M/T is designed for wide range of pickup trucks driven by enthusiasts who enjoy driving on aggressive mud traction type of tires with specifically appealing looks. Its size range is widely spread out from small 15” to 24” rim diameter. The OPEN COUNTRY M/T’s massive tread and sidewall design surely attract many customers, more over its race-proven performance provides high durability as well as exceptionally comfortable ride due to good uniformity in the category.

Product Features

■ **Aggressive and impressive tread design !**

■ **Superior Traction and Handling- On and Off Road**
- Combination of Concaved shoulder and Conventional Shoulder
- 3 polyester carcass plies and high turn-up construction*
- 2 spiral wound nylon cap plies
- Higher Stiffness Bead filler

■ **Excellent Wet Traction and Braking Performance**
- Deep siping in the tread blocks

■ **Good Irregular Wear Resistance**
- Blocks with slanted

■ **Lower Noise**
- Variable pitch pattern

■ **Exceptional Bruise Resistance**
- 3 polyester carcass plies and high turn-up construction*
- Bruise and abrasion resistant sidewall
- 2 spiral wound nylon cap plies
- Protection Bar for Bruise

* (Except some 15" rim sizes)

Tread Design

Excellent Wet traction and braking

Outstanding traction image

Excellent Bruise resistance

Excellent traction and handling on and off road

Excellent irregular wear resistance

2 different shape x 3 different size block
- Reduce Noise

Features & Benefits of Construction

Cap / Base compound
- Long tire life
- Low heat build-up

2 Spiral cap plies
- Bruise resistance
- High-speed endurance
- Uniformity
- Belt endurance

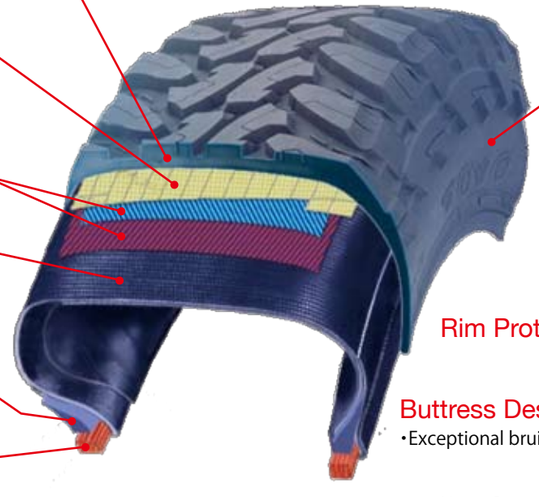
Higher strength steel belts
- Belt endurance

3 polyester carcass plies and high turn-up*
- Exceptional bruise resistance
- Traction and steering response
- High-speed stability and durability

Higher stiffness bead filler
- Traction and steering response
- High-speed stability and durability

Single strand bead
- Uniformity and less imbalance

Higher modulus sidewall compound
- Exceptional bruise resistance and abrasion



Rim Protector

Buttress Design
- Exceptional bruise resistance

* (Except some 15" rim sizes)

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX/ SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	-	40X15.50 R24	128P	BL	16.7	1010	390	461	425	12.00	11.00 - 14.00
		37X13.50 R24	120Q	BL	16.7	940	345	437	350	11.00	8.50 - 11.00
22	-	40X15.50 R22	127Q	BL	16.7	1009	404	469	445	12.00	11.00 - 13.00
		33X12.50 R22	109P	BL	15.0	832	318	386	347	10.00	8.50 - 11.00
20	-	40X15.50 R20	130Q	BL	16.7	1009	404	469	415	12.00	11.00 - 13.00
		38X15.50 R20	125Q	BL	16.7	958	404	445	430	12.00	11.00 - 13.00
		38X13.50 R20	124Q	BL	16.7	958	365	445	375	11.00	8.50 - 11.00
		37X13.50 R20	127Q	BL	16.7	941	356	438	368	11.00	8.50 - 11.00
		35X12.50 R20	121P	BL	16.7	883	318	400	347	10.00	8.00 - 11.00
		35X12.50 R20	121Q	BL	16.7	890	330	414	345	10.00	9.00 - 11.00
		33X12.50 R20	114P	BL	16.7	837	320	382	349	10.00	8.50 - 11.00
		33X12.50 R20	114Q	BL	16.7	837	320	389	325	10.00	8.50 - 11.00
18	70	LT275/70 R18	125P	BL	15.2	854	280	397	295	8.00	7.00 - 8.50
	-	38X15.50 R18	128Q	BL	16.7	958	404	424	440	12.00	11.00 - 13.00
		38X13.50 R18	126Q	BL	16.7	958	365	445	381	11.00	8.50 - 11.00
		37X13.50 R18	124P	BL	16.7	934	345	415	376	11.00	8.50 - 11.00
		37X13.50 R18	124Q	BL	16.7	941	360	438	378	11.00	8.50 - 11.00
		35X12.50 R18	118P	BL	16.7	883	318	395	347	10.00	8.50 - 11.00
		35X12.50 R18	123Q	BL	16.7	890	335	397	365	10.00	8.50 - 11.00
		33X12.50 R18	118P	BL	16.7	832	318	375	347	10.00	8.50 - 11.00
		33X12.50 R18	118Q	BL	16.7	837	322	389	328	10.00	8.50 - 11.00
17	65	LT265/65 R17	120/117P	BL	15.0	782	272	352	296	8.00	7.50 - 9.50
	70	LT295/70 R17	121P	BL	15.4	852	299	380	326	8.50	7.50 - 10.00
		LT295/70 R17	128P	BL	15.4	852	304	396	314	8.50	8.00 - 9.50
		LT265/70 R17	118P	BL	15.0	810	272	363	296	8.00	7.00 - 8.50
		LT265/70 R17	121P	BL	15.0	813	275	378	290	8.00	7.00 - 8.50
	-	40X13.50 R17	121Q	BL	16.7	1009	366	469	397	11.00	8.50 - 11.00
		37X13.50 R17	121P	BL	16.7	934	345	412	376	11.00	8.50 - 11.00
		37X13.50 R17	131Q	BL	16.7	941	370	438	393	11.00	8.50 - 11.00
		35X12.50 R17	121P	BL	16.7	883	318	392	347	10.00	8.50 - 11.00
		35X12.50 R17	125Q	BL	16.7	885	335	412	350	10.00	8.50 - 11.00
16	70	LT385/70 R16	130Q	BL	16.7	958	395	445	412	11.00	10.00 - 12.00
		LT305/70 R16	124P	BL	15.9	840	310	391	320	9.00	8.00 - 9.50
	75	LT315/75 R16	121P	BL	16.7	886	327	412	341	8.50	8.00 - 11.00
		LT315/75 R16	127P	BL	16.7	884	313	389	341	8.50	8.00 - 11.00
		LT315/75 R16	127Q	BL	16.7	886	327	412	341	8.50	8.00 - 11.00
		LT285/75 R16	126P	BL	15.2	839	295	390	305	8.00	7.50 - 9.00
		LT285/75 R16	126/123P	BL	15.2	839	285	390	305	8.00	7.50 - 9.00
		LT265/75 R16	123P	BL	15.0	810	275	377	290	7.50	7.00 - 8.00
		LT245/75 R16	120/116P	BL	14.6	782	253	364	268	7.00	6.50 - 8.00
		LT225/75 R16	115/112P	BL	13.5	748	220	336	240	6.00	6.00 - 7.00
	85	LT255/85 R16	123/120P	BL	15.0	851	260	396	285	7.00	6.50 - 8.00
		LT235/85 R16	120/116P	BL	14.6	813	240	378	260	6.50	6.00 - 7.50
15	-	37X14.50 R15	120Q	BL	16.7	931	396	433	419	12.00	10.00 - 12.00
		35X13.50 R15	114Q	BL	16.7	885	365	412	398	11.00	8.50 - 11.00
		33X13.50 R15	109Q	BL	16.7	840	354	391	363	11.00	8.50 - 11.00
		33X12.50 R15	108P	BL	16.7	840	325	391	340	10.00	8.00 - 11.00
		33X10.50 R15	114P	BL	15.2	834	278	388	300	8.50	7.00 - 9.00
		31X10.50 R15	109Q	BL	15.2	790	273	367	293	8.50	7.00 - 9.00

[LOAD INDEX] XL: EXTRA LOAD

[SIDE WALL] BL: BLACK LETTERS, WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TERRAIN

OPEN COUNTRY D/H

The OPEN COUNTRY D/H is uniquely designed to meet the requirement of SUVs operating not only on highway but dunes and desert. With four straight and two narrow grooves, its new tread design provides excellent stability and quietness on highway and superior traction on dunes.

Product Features

- Versatile performance on both highway and dunes with optimum tread design verified by repeated field evaluation.
- Sidewall protector prevents the tire from impact break during operation.
- Distinctive and stylish white lettering perfectly matches up with a variety of modern SUVs.

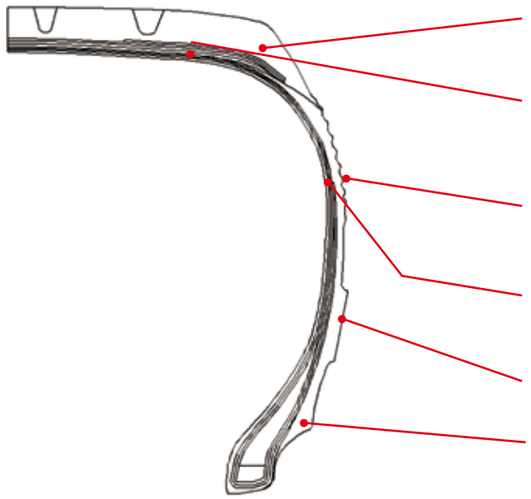
Tread Design

4 wide straight groove and 2 narrow groove
- Traction on dunes
- Excellent handling stability on dunes

Sidewall protector
- Good Impact and Cut resistance

Center & quarter block-rib design
- Excellent handling on highway

Features & Benefits of Construction



High wear resistance compound
- Long Wear Life

Higher-strength cap ply
- Good Uniformity
- High tread area Durability

Thick sidewall protector
- Excellent impact & Cut resistance

Higher-strength carcass ply
- Good handling Stability

Attractive white sidewall lettering

Rim protector
- Prevent Rim damage

Note: Construction varies by size

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17	65	285/65 R17	116H	WO	9.7	294	801	162	873	8.50	8.00 - 10.00
		275/65 R17	115H	WO	9.7	796	279	358	304	8.00	7.50 - 9.50
16	70	275/70 R16	114H	WO	9.8	795	280	355	305	8.00	7.00 - 9.00

[SIDE WALL] WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ALL TERRAIN

M65

With its attractive white "Open Country" sidewall logo, the M65 is excellent for use on 4WDs, RVs and pickups. Its aggressive block-and-lug tread pattern with multi-steel belt provides greater traction and cut resistance in soft and muddy off-road terrain.

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
14	-	27X8.50 R14	6PR	WO	13.0	673	224	313	240	7.00	6.00 - 7.50

[SIDE WALL] WO: OUTLINED WHITE LETTER

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ALL TERRAIN

785

The 785 stays tough and clean. On snowy or muddy winter roads, it fully performs for excellent traction and accurate steering response with its built-in self-cleaning tread design.

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	-	205 R16	112S	BL	11.0	737	207	332	226	6.00	5.00 - 7.00
		205 R16	112N	BL	11.2	738	205	333	223	6.00	5.00 - 7.00
		205 R16	104S XL	BL	11.0	737	207	332	226	6.00	5.00 - 7.00
15	-	215 R15	100S	BL	11.1	722	219	323	239	6.00	5.50 - 7.00
		195 R15	94S	BL	10.6	692	198	312	216	6.00	5.00 - 6.50

[LOAD INDEX] XL: EXTRA LOAD

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M55(F)

This is the best traction tire ever with aggressive tread design, cut & chip resistance compound and heavy duty casing construction for serious commercial applications. Developed more than two decades ago with the application of heavy-duty truck tire designing technology, The M55 still outperforms all competitions available in the category and satisfies truck operators with highly dependable durability and performance.

M55

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	70	LT275/70 R18	125/122N	BL	14.9	853	280	397	397	8.00	7.00 - 8.50
17	65	LT265/65 R17	120/117N	BL	14.5	784	267	365	287	8.00	7.50 - 9.50
	70	LT265/70 R17	121/118N	BL	14.4	811	268	377	288	8.00	7.00 - 8.50
	75	LT245/75 R17	121/118N	BL	13.9	807	243	375	267	7.00	6.50 - 7.50
	80	LT235/80 R17	120/117N	BL	13.9	810	236	377	256	6.50	6.00 - 7.50
16	75	LT285/75 R16	126/123M	BL	15.0	843	287	392	310	8.00	7.50 - 9.00
		LT265/75 R16	123/120N	BL	14.5	810	275	377	300	7.50	7.00 - 8.00
		LT245/75 R16	120/116N	BL	13.9	781	250	363	272	7.00	6.50 - 8.00
		LT225/75 R16	115/112N	BL	13.4	745	218	346	231	6.00	6.00 - 7.00
	-	205 R16	112/110N	BL	13.0	745	200	346	222	5.50	5.50 - 6.50
	85	LT255/85 R16	123/120M	BL	14.4	845	265	374	289	7.00	6.50 - 8.00
		LT235/85 R16	120/116N	BL	13.9	812	236	378	256	6.50	6.00 - 7.50
		LT215/85 R16	115/112N	BL	13.4	778	218	362	238	6.00	5.50 - 7.00
15	75	LT235/75 R15	104M	BL	14.0	741	239	331	261	6.50	6.00 - 7.00
		LT215/75 R15	100M	BL	13.5	711	220	319	240	6.00	5.00 - 7.00

M55F

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
18	70	LT275/70 R18	125/122N	BL	14.9	853	280	397	397	8.00	7.00 - 8.50
17	65	LT265/65 R17	120/117N	BL	14.5	784	267	365	287	8.00	7.50 - 9.50
	70	LT265/70 R17	121/118N	BL	14.4	811	268	377	288	8.00	7.00 - 8.50
	75	LT245/75 R17	121/118N	BL	13.9	807	243	375	267	7.00	6.50 - 7.50
	80	LT235/80 R17	120/117N	BL	13.9	810	236	377	256	6.50	6.00 - 7.50
16	75	LT285/75 R16	126/123M	BL	15.0	843	287	392	310	8.00	7.50 - 9.00
		LT265/75 R16	123/120N	BL	14.5	810	275	377	300	7.50	7.00 - 8.00
		LT245/75 R16	120/116N	BL	13.9	781	250	363	272	7.00	6.50 - 8.00
		LT225/75 R16	115/112N	BL	13.4	745	218	346	231	6.00	6.00 - 7.00
	-	205 R16	112/110N	BL	13.0	745	200	346	222	5.50	5.50 - 6.50
	85	LT255/85 R16	123/120M	BL	14.4	845	265	374	289	7.00	6.50 - 8.00
		LT235/85 R16	120/116N	BL	13.9	812	236	378	256	6.50	6.00 - 7.50
		LT215/85 R16	115/112N	BL	13.4	778	218	362	238	6.00	5.50 - 7.00
15	75	LT235/75 R15	104M	BL	14.0	741	242	331	264	6.50	6.00 - 7.00

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

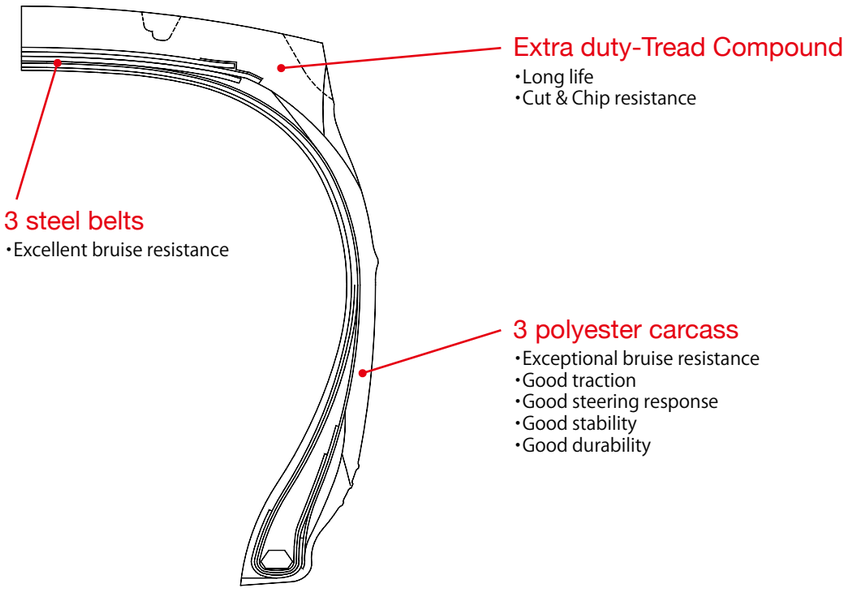
M633

The TOYO M633 has been developed for customers who constantly drive their vehicles in tough On/Off-road operations. The M633 incorporates TOYO TIRES' advanced tire design technology " T-mode" that gives superior traction and extra durability under the severest operating conditions. Its optimized tread pattern provides improved stability, traction and cut resistance on rough ground as well as good sand drainage in the desert.

Product Features

- Unique tread design with large polygonal blocks provides superior traction and good flotation in gravel and sandy road conditions.
- Tread compound with cut and chip resistance prevents tread cut and chipping in severe road conditions.
- Reinforced casing with 3 belts and 3 polyester plies offers improved casing durability throughout the wear life

Features & Benefits of Construction



RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	-	750 R16	114/112N	BL	9.7	816	218	379	238	6.00	5.50 - 6.00

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

H08

The H08 has been designed to meet the requirements of a wide variety of modern transport vehicles operating on highways at high speed. This series covers a wide variety of size ranges with speed ratings of Q, R, S and T. With its four main straight rib design and wide tread width, H08 provides excellent handling capabilities under dry or wet conditions.

RIM DIA.	ASPECT RATIO	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM WIDTH (Inch)	ALTERNATE RIM (Inch)
						OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17	60	215/60 R17C	104/102T	BL	10.2	690	217	317	237	6.50	6.00 - 7.00
16	60	225/60 R16C	105/103T	BL	9.8	676	227	309	247	6.50	6.50 - 7.50
		215/60 R16C	103/101T	BL	10.2	667	218	305	238	6.50	6.00 - 7.00
	65	235/65 R16C	115/113R	BL	10.2	712	242	322	264	7.00	6.50 - 7.50
		235/65 R16C	121/119N	BL	10.2	710	244	322	266	7.00	6.50 - 7.50
		235/65 R16C	121/119R	BL	10.3	712	240	322	262	7.00	6.50 - 7.50
		225/65 R16C	112/110R	BL	10.2	700	228	318	249	6.50	6.00 - 7.00
		215/65 R16C	106/104T	BL	10.2	687	220	313	240	6.50	6.00 - 7.00
		215/65 R16C	109/107R	BL	10.2	688	219	313	239	6.50	6.00 - 7.00
		205/65 R16C	107/105T	BL	10.2	671	209	306	228	6.00	5.50 - 6.50
		195/65 R16C	100/98T	BL	10.2	661	197	302	215	6.00	5.50 - 6.00
		195/65 R16C	104/102R	BL	10.2	661	199	302	217	6.00	5.50 - 6.00
	70	215/70 R16C	108/106T	BL	10.3	709	219	321	239	6.50	5.50 - 7.00
	75	225/75 R16C	118/116R	BL	11.2	743	224	334	244	6.00	6.00 - 7.00
		225/75 R16C	121/120Q	BL	11.2	744	223	335	243	6.00	6.00 - 7.00
		215/75 R16C	113/111R	BL	11.2	728	217	329	237	6.00	5.50 - 7.00
		215/75 R16C	116/114Q	BL	11.2	728	215	329	234	6.00	5.50 - 7.00
		205/75 R16C	110/108R	BL	11.2	714	206	323	225	5.50	5.50 - 6.50
		205/75 R16C	113/111Q	BL	11.2	714	204	323	222	5.50	5.50 - 6.50
		195/75 R16C	107/105S	BL	10.7	696	197	316	214	5.50	5.00 - 6.00
		185/75 R16C	104/102S	BL	10.7	684	185	311	202	5.00	5.00 - 6.00
		175/75 R16C	101/99S	BL	10.7	668	176	305	192	5.00	4.50 - 5.50
15	65	215/65 R15C	104/102T	BL	10.2	663	220	301	240	6.50	6.00 - 7.00
		205/65 R15C	102/100T	BL	10.2	647	207	294	226	6.00	5.50 - 6.50
	70	225/70 R15C	112/110S	BL	10.7	695	228	313	249	6.50	6.00 - 7.00
		215/70 R15C	109/107S	BL	10.2	680	219	307	239	6.50	5.50 - 7.00
		205/70 R15C	106/104S	BL	10.2	667	203	302	221	6.00	5.50 - 6.50
		195/70 R15C	104/102S	BL	10.2	652	202	296	220	6.00	5.00 - 6.00
	75	225/75 R15C	110/108Q	BL	11.2	719	227	322	247	6.00	6.00 - 7.00
	-	195 R15C	106/104S	BL	10.8	690	199	311	217	5.50	5.00 - 6.00
□		195 R15C	103S	BL	9.7	693	191	312	208	5.50	5.00 - 6.00
□		185 R15C	103/102S	BL	10.8	674	189	305	206	5.50	5.00 - 6.00
14	65	175/65 R14C	90/88T	BL	10.2	584	179	267	195	5.00	5.00 - 5.50
	70	165/70 R14C	89/87R	BL	9.7	585	167	267	182	5.00	4.50 - 5.00
	75	195/75 R14C	106/104S	BL	10.7	645	197	291	215	5.50	5.00 - 6.00
		185/75 R14C	102/100S	BL	10.7	632	186	286	203	5.00	5.00 - 6.00
		165/75 R14C	97/95R	BL	10.7	601	165	274	180	4.50	4.00 - 5.00
	-	215 R14C	112/110S	BL	11.2	699	222	312	242	6.00	5.50 - 7.00
		205 R14C	109/107S	BL	11.2	686	213	307	232	6.00	5.50 - 6.50
		195 R14C	106/104S	BL	10.7	666	201	299	219	5.50	5.00 - 6.00
		185 R14C	102/100S	BL	10.7	650	193	293	210	5.50	5.00 - 6.00
		175 R14C	99/98S	BL	10.7	634	180	286	196	5.00	4.50 - 5.50
13	70	165/70 R13C	88/86R	BL	9.7	559	167	254	182	5.00	4.50 - 5.00

□: H02

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

Product Line

Application Chart

Highway Rib

Highway Traction

RIM DIA.	TIRE SIZE	M53	M82	M131	M134	M140Z	M143	M608Z	M614Z
17.5	225/60R17.5				116/114L				
	205/60R17.5				111/109L				
	195/60R17.5				108/106L				
	245/70R17.5								
	215/70R17.5				118/116L				
	205/70R17.5				115/113L				
	195/70R17.5				112/110L				
	235/75R17.5						132/130M	132M	
	225/75R17.5						129/127M	129M	
	215/75R17.5						126/124M	126M 126L 124L	
	205/75R17.5						124/122M	124M	
	225/80R17.5					123/122L			
	205/80R17.5				120/118L				
	225/90R17.5					127/125L			128/126L
	9.5R17.5						129/127L		
	8.5R17.5		121/120L						
	8R17.5		117/116L						
16	205/65R16				109L				
	195/65R16				106/104L				
	225/70R16				117/115L				
	205/70R16				111/109L				
	195/70R16				109/107L				
	185/70R16				105/103L				
	225/75R16				118/116L				
	205/75R16				113/111L				
	225/85R16				121/119L				
	215/85R16				120/118L				
	205/85R16				117/115L				117/115L
	195/85R16				114/112L				
	185/85R16				111/109L				
	825R16					128/126L 14PR			14PR
	750R16	121/120L 114/112L				123/121L			14PR
	700R16			117/116L 113/112L 108/106L					12PR 10PR
	650R16			108/107L					
15.5	215/60R15.5				110/108L				
	195/70R15.5				109/107L				
	185/70R15.5				106/104L				
15	185/65R15				101/99L				
15	195/75R15				109/107L				
	185/75R15				106/104L				
	175/75R15				103/101L				
	175/80R15				101/99L				
	195R15	106S							
	700R15	105/101L		10PR 12PR					

HIGHWAY RIB

M53

This rib-type highway tire for all positions features its wider tread with a special compound that gives a long tread life. The tapered shoulder of the M53 improves handling while its strong steel belt improves safety.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	750 R16	121/120L	-	TT	BL	11.5	806	210	375	231	6.00	5.50 - 6.50
	750 R16	114/112L	-	TL	BL	11.5	806	210	375	231	6.00	5.50 - 6.50
15	700 R15	105/101L	-	TL	BL	11.0	752	192	350	214	5.50	5.00 - 6.50
	195 R15	106S	-	TL	BL	9.7	693	196	312	214	5.50	5.00 - 6.00

□: M53A

[TYPE] TT: TUBE TYPE, TL: TUBELESS

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M82

This zigzag rib and wide-tread tire has been specially designed for recreational and commercial vehicles. With its five-rib pattern and wide tread, the M82 provides longer life, quiet running, excellent steering and even wear.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	8.5 R17.5	121/120L	10PR	TL	BL	12.0	801	205	372	225	6.00	5.25 - 6.00
	8 R17.5	117/116L	10PR	TL	BL	11.5	782	200	364	219	6.00	5.25 - 6.00

[TYPE] TL: TUBELESS

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M131

This rib-type highway tire has been developed for all positions use on commercial vehicles. Its uniform tread wear and special tread compound ensure long tire life and high-speed durability. The M131, with its straight ribs, multi-sipes on the edge of each rib and U-shaped grooves, improves wet performance exceptionally.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
16	700 R16	117/116L	-	TT	BL	11.0	778	192	362	214	5.50	5.00 - 6.50
	700 R16	113/112L	-	TT	BL	11.0	778	192	362	214	5.50	5.00 - 6.50
	700 R16	108/106L	-	TT	BL	11.0	778	192	362	214	5.50	5.00 - 6.50
	650 R16	108/107L	-	TT	BL	10.6	747	172	347	190	4.50	4.50 - 5.50
15	700 R15	-	10PR	TT	BL	11.0	752	192	350	214	5.50	5.50
	700 R15	-	12PR	TT	BL	11.0	752	192	350	214	5.50	5.50

[TYPE] TT: TUBE TYPE

[SIDE WALL] BL: BLACK LETTERS

Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M134

The M134 is a highway-rib tire for use in all positions on light commercial vehicles. Its wide rib pattern with square shoulders and optimized tread profile designed by "e-balance" technology ensure improved irregular wear resistance and long wear life. Excellent casing durability of the tire has been achieved with its optimized casing profile.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	225/60 R17.5	116/114L	-	TL	BL	9.7	719	220	334	235	6.75	6.00 - 6.75
	215/70 R17.5	118/116L	-	TL	BL	9.6	750	213	349	230	6.00	6.00 - 6.75
	205/80 R17.5	120/118L	-	TL	BL	10.6	777	198	361	214	5.25	5.25 - 6.00
	205/70 R17.5	115/113L	-	TL	BL	9.6	734	202	341	217	6.00	5.25 - 6.75
	205/60 R17.5	111/109L	-	TL	BL	9.2	696	196	324	207	5.25	5.25 - 6.75
	195/70 R17.5	112/110L	-	TL	BL	9.6	721	190	335	207	5.25	5.25 - 6.00
	195/60 R17.5	108/106L	-	TL	BL	9.1	696	190	324	202	6.00	5.25 - 6.00
16	225/85 R16	121/119L	-	TL	BL	10.6	788	226	366	245	6.00	6.00 - 7.00
	225/75 R16	118/116L	-	TL	BL	10.1	746	222	347	242	6.00	6.00 - 7.00
	225/70 R16	117/115L	-	TL	BL	10.1	725	220	337	234	6.00	6.00 - 7.00
	215/85 R16	120/118L	-	TL	BL	10.6	771	218	359	239	6.00	5.50 - 7.00
	205/85 R16	117/115L	-	TL	BL	10.1	751	204	349	223	5.50	5.00 - 6.50
	205/75 R16	113/111L	-	TL	BL	9.6	714	202	332	219	5.50	5.00 - 6.50
	205/70 R16	111/109L	-	TL	BL	9.6	697	202	324	217	6.00	5.50 - 6.50
	205/65 R16	109L	-	TL	BL	9.1	673	202	313	215	6.00	5.50 - 6.50
	195/85 R16	114/112L	-	TL	BL	10.1	735	194	342	213	5.50	5.00 - 6.00
	195/70 R16	109/107L	-	TL	BL	9.7	684	188	318	203	5.50	5.00 - 6.00
	195/65 R16	106/104L	-	TL	BL	9.1	662	188	308	201	5.50	5.50 - 6.00
	185/85 R16	111/109L	-	TL	BL	9.7	722	186	336	203	5.50	4.50 - 6.00
	185/70 R16	105/103L	-	TL	BL	9.2	668	182	311	197	5.50	5.00 - 6.00
15.5	215/60 R15.5	110/108L	-	TL	BL	9.7	657	208	306	220	6.00	6.00
	195/70 R15.5	109/107L	-	TL	BL	9.7	670	196	312	213	6.00	5.25 - 6.00
	185/70 R15.5	106/104L	-	TL	BL	9.2	655	182	305	194	5.25	5.25 - 6.00
15	195/75 R15	109/107L	-	TL	BL	9.7	670	188	312	204	5.00	5.00 - 6.00
	185/75 R15	106/104L	-	TL	BL	9.2	658	180	306	196	5.00	4.50 - 6.00
	185/65 R15	101/99L	-	TL	BL	8.6	625	180	291	191	5.00	5.00 - 6.00
	175/80 R15	101/99L	-	TL	BL	9.7	663	176	308	193	5.00	4.50 - 5.50
	175/75 R15	103/101L	-	TL	BL	9.2	645	174	300	189	5.00	5.00 - 5.50

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M140Z

The M140Z, TOYO TIRES' highway rib, has been developed to emphasize its improved wear performance and retreadability in a wide variety of operating conditions ranging from short, middle to long highway hauls. Its new casing construction, profile, functional straight rib tread appearance and compound designed under DSOC II, TOYO TIRES' advanced tire design technology, contribute to M140's excellent performance over the competitors.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	225/90 R17.5	127/125L	-	TL	BL	12.3	855	233	398	257	6.75	6.00 - 6.75
	225/80 R17.5	123/122L	-	TL	BL	11.7	804	212	374	235	6.75	6.00 - 6.75
16	825 R16	128/126L	-	TT	BL	12.3	855	227	378	247	6.00	6.50
	825 R16	-	14PR	TT	BL	12.3	855	227	398	252	6.00	6.50
	750 R16	123/121L	-	TT	BL	11.7/12.5	803	209	373	228	6.00	5.50 - 6.50

[TYPE] TT: TUBE TYPE, TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M143

The M143 has been developed under DSOC II, TOYO TIRES' advanced tire design technology, to deliver excellent overall performance in severe operating conditions. It has been designed especially for excellent wear performance and improved casing durability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	235/75 R17.5	132/130M	-	TL	BL	13.0	803	233	362	254	6.75	6.75 - 7.50
	225/75 R17.5	129/127M	-	TL	BL	13.0	793	225	358	245	6.75	6.00 - 6.75
	215/75 R17.5	126/124M	-	TL	BL	12.5	776	212	352	231	6.00	6.00 - 6.75
	205/75 R17.5	124/122M	-	TL	BL	12.1	761	202	346	220	6.00	5.25 - 6.75
	9.5 R17.5	129/127L	-	TL	BL	11.6	838	230	376	251	6.75	6.00 - 6.75

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M608Z

The low-profile M608Z has an aggressive traction pattern for drive axles and also offers longer tread life owing to its large contact area and deeper tread.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	235/75 R17.5	132M	-	TL	BL	15.8	812	237	378	258	6.75	6.75 - 7.50
	225/75 R17.5	129M	-	TL	BL	15.8	798	230	371	250	6.75	6.00 - 6.75
	215/75 R17.5	126M	-	TL	BL	15.4	781	215	363	235	6.00	6.00 - 6.75
	215/75 R17.5	126L	-	TL	BL	15.4	782	215	364	235	6.00	6.00 - 6.75
	215/75 R17.5	124L	-	TL	BL	15.4	781	215	363	235	6.00	6.00 - 6.75
	205/75 R17.5	124M	-	TL	BL	14.9	768	202	357	220	6.00	5.25 - 6.75

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M614Z

The M614Z is a traction tire for highway driving. It offers superior grip and driving stability on both wet and dry roads. Its special tread compound and even wear assure long tread life.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	225/90 R17.5	128/126L	-	TL	BL	14.6	862	233	401	257	6.75	6.00 - 6.75
	205/85 R16	117/115L	-	TL	BL	13.4	758	200	352	220	5.50	5.50 - 6.50
	825 R16	-	14PR	TT	BL	15.2	860	227	400	252	6.50	6.00 - 6.50
16	750 R16	-	14PR	TT	BL	15.0	814	209	379	229	6.00	5.50 - 6.00
	700 R16	-	12PR	TT	BL	14.5	785	193	365	213	5.50	5.50 - 6.50
	700 R16	-	10PR	TT	BL	14.6	785	193	365	213	5.50	5.50 - 6.00

[TYPE] TT: TUBE TYPE, TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

Product Line

Application Chart

* New On/Off TBR under development with sizes 12R225 & 13R225

RIM DIA.	TIRE SIZE	M170	M144	M154	M120Z	M140Z	M160	M149	M317Z	M316Z	M628A	M632	M622Z	M605Z	M627
24.5	285/75R24.5			144/141L											144/141L
	11R24.5			149/146L 146/143L	149/146L										149/146L 146/143L
24	1200R24						156/153L								
22.5	385/55R22.5							160K							
	295/60R22.5											150/147L			
	385/65R22.5							160K							
	315/70R22.5		152/150M									152/148M			
	305/70R22.5		150/148M												
	275/70R22.5					148/145M			148/145J		148/145J				
	255/70R22.5				143/140J 140/137J										
	295/75R22.5			146/143L 144/141L											144/141L
	265/75R22.5			138/135L											
	245/75R22.5			134/131L											
	315/80R22.5		158/150L 154/150M									154/150M	154/150M	154/150M	
	295/80R22.5		152/148M								152/148J	152/148M	152/148M	152/147M	
	275/80R22.5									148/145K					
	13R22.5														
	12R22.5	152/148L (150/147M)										150/147L		150/147L	
	11R22.5	148/145L		146/143L 144/142L	148/145M				16PR					148/145L	146/143L 144/142L
	10R22.5				144/142L 141/139L										
	9R22.5				136/134L 133L										
19.5	285/70R19.5														
	265/70R19.5														
	245/70R19.5														
	225/70R19.5														
	8R19.5				124/122L										
17.5	245/70R17.5														
	235/75R17.5														
	215/75R17.5														
	10R17.5														
	9.5R17.5														

SIZE LIST

RIM DIA.	TIRE SIZE	M610ZL	M608Z	M614Z	M320	M315	M56	M61Z	M71A	M503Z	M506	M143	M1430	M6100Z
24.5	285/75R24.5	144/141L												
	11R24.5	149/146L 146/143L			149/146K					149/146K	149/146G			
24	1200R24						156/153K		156/153K		3S			
22.5	385/55R22.5													
	295/60R22.5													
	385/65R22.5													
	315/70R22.5													
	305/70R22.5													
	275/70R22.5													
	255/70R22.5			140/137J										
	295/75R22.5	144/141L												
	265/75R22.5													
	245/75R22.5													
	315/80R22.5		154/150M											
	295/80R22.5					152/148K								
	275/80R22.5													
	13R22.5										156/150G			
	12R22.5				150/147K			152/147K			152/148G			
	11R22.5	146/143L 144/142L			148/145K	148/145K				146/143K	148/145G			
	10R22.5													
	9R22.5		136/134L											
19.5	285/70R19.5		145/143M 145/143L									145/143M	150/148J	
	265/70R19.5		140/138M 140/138L									140/138M	143/141J	
	245/70R19.5		136/134M 133/131L									136/134M	141/140J	
	225/70R19.5											128/126L 125/123L		
	8R19.5													
17.5	245/70R17.5												143/141J	
	235/75R17.5												143/141J	
	215/75R17.5												135/133J	
	10R17.5													143/141J
	9.5R17.5												143/141J	

TBR 4

PREMIUM HIGHWAY RIB

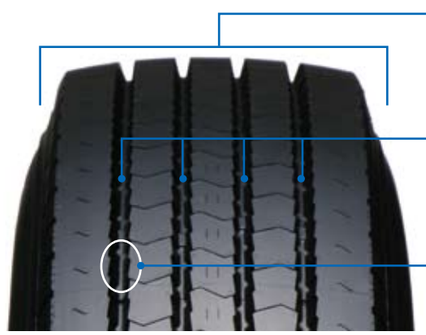
M170

The M170 is the latest Premium Rib TBR for long to middle haul truck and bus applications.
With " e-balance" , TOYO TIRES' own tire design technology, the M170 delivers improved wear life without causing irregular wear.
Optimized tread design and casing improve the foot print shape and the contact pressure distribution for smooth wear and reduce the stress concentration in the casing for improved retread-ability.

Longer and smooth wear life for long to middle haul Truck and Bus operations

1. **Longer Wear life**
   Wear oriented compound and increased tread volume improve wear life more than 20% over previous product
2. **Improved irregular wear resistance**
   Optimized tread design and casing profile by e-balance tire design technology improves foot print shape and contact pressure distribution for smooth tread wear.
3. **Excellent casing durability**
   New bead construction by e-balance and less heat build-up in tread area enhance the casing durability for better retread-ability.
4. **Improved resistance against stone drilling**
   New groove design efficiently eject packed stone in grooves, resulting in less belt damage and better retread-ability.

Tread Design

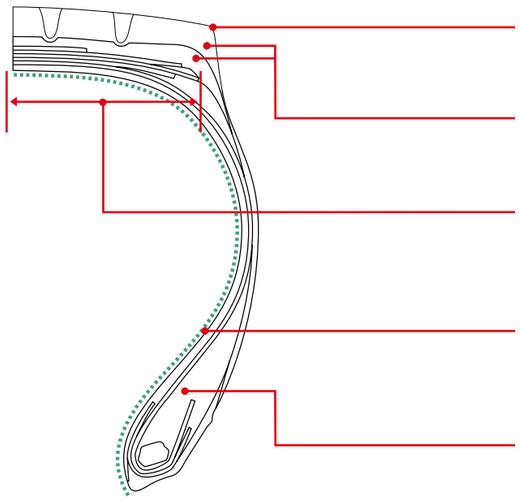


Wide rib design
- Longer wear life
- Smooth wear

Slightly jagged 4 grooves
- Less irregular wear
- Good traction image throughout life

V-shape groove
- Prevent stone drilling
- Improved casing durability

Features & Benefits of Construction



Optimized Tread Profile
- Even contact pressure at Tread center and Shoulder
- Irregular wear resistance

New Cap / Base compound
- Heat resistance
- Long wear life

Wide steel belt structure
- Belt endurance
- Irregular wear resistance
- Long wear life

New construction
- Low stress distribution
- Belt endurance
- Irregular wear resistance

High stiffness Bead structure
- Bead Endurance

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	12 R22.5	152/148L(150/147M)	H	TL	BL	15.0	1076	314	500	341	9.00	8.25 - 9.00
	11 R22.5	148/145L	16PR	TL	BL	15.0	1048	282	487	308	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M144

The M144/M144A, TOYO TIRES' highway rib tire, has been developed to deliver exceptional high mileage and improved irregular wear performance in mid-to-long highway haul operations. Its special differential-grooves in the shoulder ribs are combined with an optimum casing profile to effectively resist irregular wear and ensure long tread life. Developed under DSOCII, TOYO TIRES' advanced tire design technology, the M144/M144A satisfy users' needs in this segment ensuring highly competitive low cost mileage performance and better retreadability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	315/70 R22.5	152/150M	-	TL	BL	15.0	1020	313	474	338	9.00	9.00 - 9.75
	305/70 R22.5	150/148M	-	TL	BL	15.0	1004	307	467	328	9.00	8.25 - 9.00
□	315/80 R22.5	158/150L	-	TL	BL	15.0	1082	312	503	339	9.00	9.00 - 9.75
□	315/80 R22.5	154/150M	-	TL	BL	15.0	1082	312	503	339	9.00	9.00 - 9.75
□	295/80 R22.5	152/148M	-	TL	BL	15.0	1054	303	490	328	9.00	8.25 - 9.00

□ : M144A
[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

TBR 4

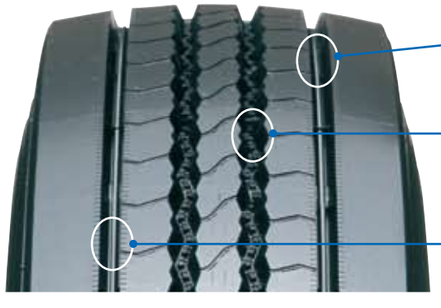
HIGHWAY RIB

M154

The M154 is a premium all-position radial tire built to provide longer wear life with deeper tread depth and refined casing profile for local to regional haul highway applications. TOYO TIRES' advanced "e-balance" design technology achieves long wear life together with improved casing durability.

e-balance

Tread Design

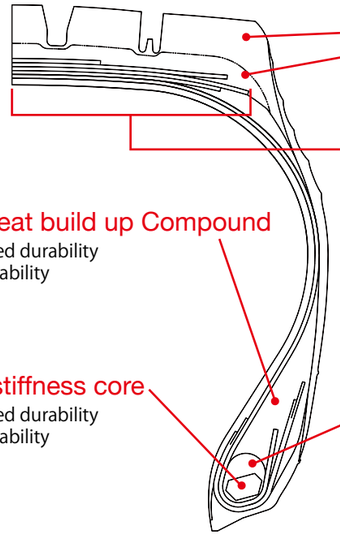


Numerous Sipes
•Prevent river wear

Stone Ejector
•Minimizes Stone Drilling

Straight Differential Rib
in Groove Prevent uneven wear

Features & Benefits of Construction



Cap & Base tread Compound
•Improved wear life
•Durability

Uniform growth of tread area by
NEW belt package of “e-balance”
•Improved irregular wear
•Wear Life
•Durability
•Retreadability

Low heat build up Compound
•Improved durability
•Retreadability

High-stiffness Compound
•Improved durability
•Retreadability

High-stiffness core
•Improved durability
•Retreadability

Note: Construction varies by size

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24.5	285/75 R24.5	144/141L	-	TL	BL	17.5	1053	275	490	297	8.25	8.25
	11 R24.5	149/146L	-	TL	BL	17.5	1106	282	514	308	8.25	7.50 - 8.25
	11 R24.5	146/143L	-	TL	BL	17.5	1106	282	514	308	8.25	7.50 - 8.25
22.5	295/75 R22.5	146/143L	-	TL	BL	17.5	1026	282	477	307	9.00	8.25 - 9.00
	295/75 R22.5	144/141L	-	TL	BL	17.5	1026	282	477	307	9.00	8.25 - 9.00
	265/75 R22.5	138/135L	-	TL	BL	15.0	976	254	454	276	7.50	6.75 - 7.50
	245/75 R22.5	134/131L	-	TL	BL	15.0	939	242	437	258	7.50	6.75 - 7.50
	11 R22.5	146/143L	-	TL	BL	17.5	1055	282	491	308	8.25	7.50 - 8.25
	11 R22.5	144/142L	-	TL	BL	17.5	1055	282	491	308	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M120Z

This all-purpose highway tire is performance-proven for low cost mileage operations. Its five optimally distributed ribs with open slits give the M120Z outstanding resistance to irregular wear and heat, and provide excellent fuel economy.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24.5	11 R24.5	149/146L	-	TL	BL	13.5	1099	282	511	309	8.25	7.50 - 8.25
22.5	255/70 R22.5	143/140J	-	TL	BL	13.4	928	246	432	264	7.50	6.75 - 7.50
	255/70 R22.5	140/137J	-	TL	BL	13.4	928	251	432	269	7.50	6.75 - 7.50
	11 R22.5	148/145M	-	TL	BL	13.5	1048	282	487	309	8.25	7.50 - 8.25
	10 R22.5	144/142L	-	TL	BL	13.5	1013	260	471	284	7.50	6.75 - 8.25
	10 R22.5	141/139L	-	TL	BL	13.5	1013	260	471	284	7.50	6.75 - 8.25
	9 R22.5	136/134L	-	TL	BL	12.5	968	230	450	250	6.75	6.00 - 7.50
	9 R22.5	133L	F	TL	BL	12.5	968	227	450	247	6.75	6.00 - 7.50
19.5	8 R19.5	124/122L	-	TL	BL	12.1	855	210	398	218	6.00	5.25 - 6.75

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M140Z

The M140Z, TOYO TIRES' highway rib, has been developed to emphasize its improved wear performance and retreadability in a wide variety of operating conditions ranging from short, middle to long highway hauls. Its new casing construction, profile, functional straight rib tread appearance and compound designed under DSOC II, TOYO TIRES' advanced tire design technology, contribute to M140's excellent performance over the competitors.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	275/70 R22.5	148/145M	-	TL	BL	13.6	962	275	447	294	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M160

The M160 has been developed for all wheel positions on highway use. Its optimally distributed ribs with open slits and multiple sipes provide irregular wear resistance. The M160 also has superior wear life and resistance to tear, cut and chip by special compound.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	1200 R24	156/153K	-	TT	BL	14.4	1210	318	563	347	8.50	8.50 - 9.00

[TYPE] TT: TUBE TYPE
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M149

The M149, a super single trailer tire, has been developed to deliver superior wear performance with improved durability under tough operating conditions on trailers or front axle usage ranging from local to national haul operations. With the-state-of-the-art TBR design technology, i.e., FEM analysis and systematic field evaluations, the M149 has been carefully designed and successfully accomplished its design goal as a new generation super single.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	385/65 R22.5	160K	-	TL	BL	15.9	1079	376	502	397	11.75	11.75 - 12.25
	385/55 R22.5	160K	-	TL	BL	15.1	1009	378	469	402	11.75	11.75 - 12.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M317Z

Toyo M317 is the latest generation TBR for Local haul transport & City bus operation with low maintenance and trouble free features, succeeding popular M316z of the same category.
With optimized wide tread pattern design and new tread compound, M317 improves wear resistance for longer wear life and reduces irregular wear. It also saves more fuel by improved rolling resistance.
Deeper sipes and multi pitch groove applied to main grooves maintain good WET and traction performance throughout the wear life.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	275/70 R22.5	148/145J	-	TL	BL	16.2	967	275	450	294	8.25	7.50 - 8.25
	11 R22.5	-	16PR	TL	BL	16.2	1053	282	490	309	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M316Z

This special tire has been designed for long tread life. Its wide tread and deep main grooves, coupled with a wear-resistant tread compound, ensure outstanding mileage. The thick sidewall rubber of the M316Z helps protect the tire from damage resulting from contact with curbs. The M316Z also provides quiet and comfortable ride.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	275/80 R22.5	148/145K	-	TL	BL	16.4	1023	277	476	302	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

City bus application
HIGHWAY RIB

M628A

The M628A is a special all-position city bus tire. It has been developed for longer wear performance with better irregular wear resistance, especially in response to the demand of the BRT (Bus Rapid Transit) system whose operations usually travel at low-medium speeds of around 40km/h in bus lane and local city bus operations which travel at low average speeds of around 20km/h with frequent stop and go due to traffic jams.

e-balance

Tread Design

3 zigzag groove with multi-pitch design
- Long life
- Less irregular wear

Large size block design
- Long life
- Handling stability

Deep S- shape sipe
- Improved wet handling toward the end of life

Stone ejector
- Prevent the casing from stone drilling

Wide shoulder blocks
- Less irregular wear at shoulder

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	295/80 R22.5	152/148J	-	TL	BL	19.3	1063	303	494	328	9.00	8.25 - 9.00
	275/70 R22.5	148/145J	-	TL	BL	19.3	968	275	450	294	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

PREMIUM TRACTION

M632

The M632 is the Premium Traction TBR for Long to Middle haul truck applications. Designed by “e-balance”, TOYO TIRES’ advanced tire design technology, the M632 delivers long wear life with excellent traction performance on drive axles. Moreover its low-stress casing construction by “e-balance” generates less heat in service, resulting in improved retread-ability.

e-balance

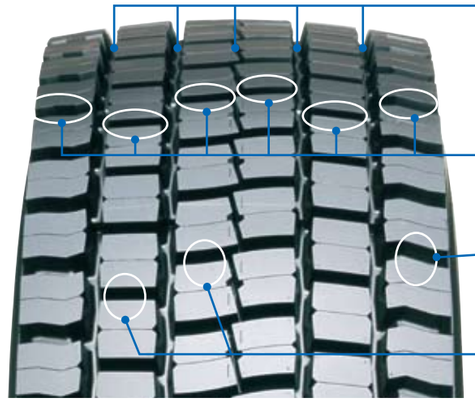
Product features

Improved Wear Performance and Long Life
Optimized Casing Profile by using “e-balance profile retention technology“ minimizes growth of the tread area and maintains uniform and flatter tread radius during service, while New Tread Design which is designed by“e-balance simulation technology“ provides even contact pressure distribution across the tread surface, resulting in smooth wear and long wear life.

Superior Casing Durability
The casing profile established through “e-balance technology“ and special Cap and Base Tread Compound reduce shear strain at belt edge area and excessive heat build-up inside tire structure during running, thus providing superior casing durability and retreadability.

Excellent Irregular Wear Resistance and Long Life
The block shape optimized block stiffness by minimized difference of friction energy between leading and trailing edge provides good irregular resistance, as the result, M632 achieves long wear life.

Tread Design



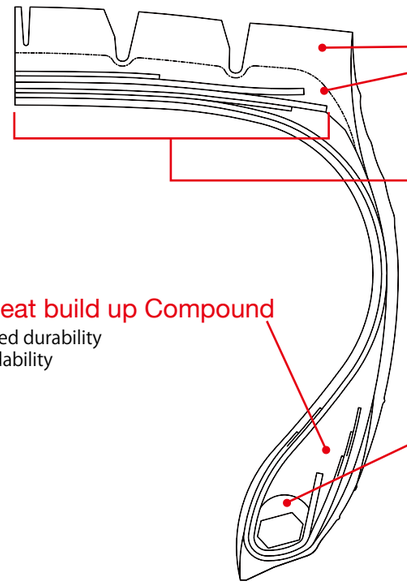
5 grooves
- Good water drainage

Slit arrangement
- Stable traction
- Low noise

Deep lug
- Prevention of irregular wear
- Good traction

Deep slit
- Excellent traction

Features & Benefits of Construction



Cap & Base tread compound
- Improved wear life
- Durability

Uniform growth of tread area by NEW belt package of “e-balance”
- Smooth Wear
- Long Wear Life
- Improved Durability
- Retreadability

Low heat build up Compound
- Improved durability
- Retreadability

High-stiffness Compound
- Improved durability
- Retreadability

Note: Construction varies by size

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	315/80 R22.5	154/150M	-	TL	BL	22.7	1096	312	510	339	9.00	9.00 - 9.75
	315/70 R22.5	152/148M	-	TL	BL	20.2	1027	316	478	342	9.00	9.00 - 9.75
	295/80 R22.5	152/148M	16PR	TL	BL	22.2	1069	303	497	328	9.00	8.25 - 9.00
	295/60 R22.5	150/147L	-	TL	BL	18.0/17.5	927	290	431	310	9.00	9.00 - 9.75
	12 R22.5	150/147L	16PR	TL	BL	24.3	1096	303	510	333	9.00	8.25 - 9.00

[TYPE] TT: TUBE TYPE, TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M622Z

The M622Z is a highway traction truck and bus tire. Its block type tread design maintains excellent traction throughout the life while its special tread compound and refined casing profile ensure even wear, long life and retreadability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	315/80 R22.5	154/150M	-	TL	BL	20.6	1094	312	509	339	9.00	9.00 - 9.75
	295/80 R22.5	152/148M	-	TL	BL	20.0	1059	303	492	328	9.00	8.25 - 9.00

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M605Z

The M605Z is an aggressive drive tire with deep tread for exceptional mileage with powerful traction for highway operations. Its special compound and advanced casing design are combined for long casing life.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	315/80 R22.5	154/150M	-	TL	BL	23.2	1095	320	509	347	9.00	9.00 - 9.75
	295/80 R22.5	152/147M	-	TL	BL	22.1	1067	303	496	328	9.00	8.25 - 9.00
	12 R22.5	150/147L	16PR	TL	BL	23.0	1098	295	511	322	9.00	8.25 - 9.00
	11 R22.5	148/145L	16PR	TL	BL	20.6	1064	277	495	304	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M627

The M627, a premium drive radial, is a tough drive axle radial designed for regional to long haul service where high resistance to irregular wear is required. The deep tread depth of the M627 increases its tread life and lowers its cost per mile. Its rigid and independent center blocks and wide void areas provide excellent stability in wet conditions while DOSC II technology optimizes the design of the tire to provide extended casing life and exceptional durability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24.5	285/75 R24.5	144/141L	14PR	TL	BL	22.3	1066	275	496	297	8.25	8.25
	11 R24.5	149/146L	16PR	TL	BL	22.3	1118	282	520	308	8.25	7.50 - 8.25
	11 R24.5	146/143L	14PR	TL	BL	22.3	1118	282	520	308	8.25	7.50 - 8.25
22.5	295/75 R22.5	144/141L	14PR	TL	BL	22.3	1036	282	482	307	8.25	8.25 - 9.00
	11 R22.5	146/143L	16PR	TL	BL	22.3	1067	282	496	308	8.25	7.50 - 8.25
	11 R22.5	144/142L	14PR	TL	BL	22.3	1067	282	496	308	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M610ZL

The M610ZL is an aggressive traction tire with a deep tread for higher mileage and powerful traction in highway use. Its computer-designed pattern with special tread compounding provides excellent casing durability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24.5	285/75 R24.5	144/141L	14PR	TL	BL	22.3	1066	282	496	309	8.25	8.25
	11 R24.5	149/146L	16PR	TL	BL	22.3	1118	282	520	308	8.25	7.50 - 8.25
	11 R24.5	146/143L	14PR	TL	BL	22.3	1118	282	520	308	8.25	7.50 - 8.25
22.5	295/75 R22.5	144/141L	14PR	TL	BL	22.3	1036	282	482	307	8.25	8.25 - 9.00
	11 R22.5	146/143L	16PR	TL	BL	22.3	1067	282	496	308	8.25	7.50 - 8.25
	11 R22.5	144/142L	14PR	TL	BL	22.3	1067	282	496	308	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M608Z

The low-profile M608Z has an aggressive traction pattern for drive axles and also offers longer tread life owing to its large contact area and deeper tread.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	9 R22.5	136/134L	14PR	TL	BL	15.0	973	227	452	245	6.75	6.00 - 7.50
	315/80 R22.5	154/150M	S	TL	BL	18.0	1085	312	505	339	9.00	9.00 - 9.75
19.5	285/70 R19.5	145/143M	-	TL	BL	16.4	899	280	418	300	8.25	7.50 - 9.00
	285/70 R19.5	145/143L	-	TL	BL	16.4	899	280	418	300	8.25	7.50 - 9.00
	265/70 R19.5	140/138M	-	TL	BL	15.9	875	260	407	280	7.50	6.75 - 7.50
	265/70 R19.5	140/138L	-	TL	BL	15.9	875	260	407	280	7.50	6.75 - 7.50
	245/70 R19.5	136/134M	-	TL	BL	15.4	844	240	392	260	7.50	6.75 - 7.50
	245/70 R19.5	133/131L	-	TL	BL	15.4	844	240	392	260	7.50	6.75 - 7.50

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY TRACTION

M614Z

The M614Z is a traction tire for highway driving. It offers superior grip and driving stability on both wet and dry roads. Its special tread compound and even wear assure long tread life.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	255/70 R22.5	140/137J	-	TL	BL	15.9	936	268	435	264	7.50	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M320

The M320 has been developed for On-and-Off road conditions to provide good cut and chip resistance and long wear life. Its optimized casing profile created by DSOC II, TOYO TIRES' advanced tire design technology, delivers low stress distribution in tire casing resulting in improved retread-ability. The M320 is applicable to a variety of vehicles such as dump trucks, concrete mixers or transport trucks in short to middle hauling operations.

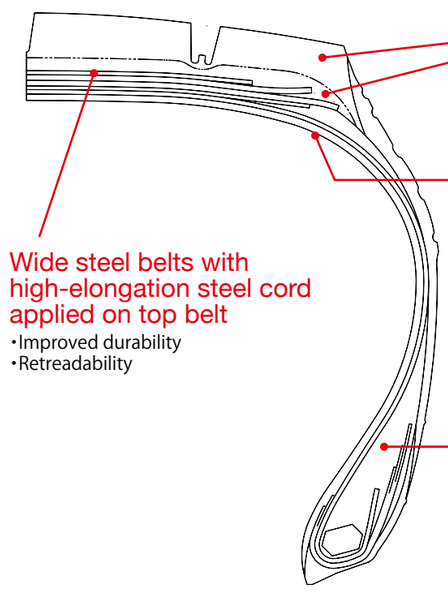
Tread Design

3-zigzag grooves
- Traction in On/Off conditions

Stone ejector
- Minimized stone drilling

Large blocks with sipe
- Traction in On/Off conditions
- Prevention of irregular wear

Features & Benefits of Construction



Cap & Base tread compound
- Improved wear life
- Durability

Optimized casing profile with uniform growth of the tread area wear
- Smooth wear
- Long wear life
- Improved durability
- Retreadability

Wide steel belts with high-elongation steel cord applied on top belt
- Improved durability
- Retreadability

High-stiffness rubber
- Improved durability
- Retreadability

Note: Construction varies by size

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	12 R22.5	150/147K	-	TL	BL	18.6	1088	295	506	322	9.00	8.25 - 9.00
□ ***24.5***	11 R24.5	149/146K	-	TL	BL	18.6	1112	282	517	309	8.25	7.50 - 8.25
□ ***22.5***	11 R22.5	148/145K	-	TL	BL	18.5	1061	282	493	308	8.25	7.50 - 8.25

□: M320Z
[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M315

An all-wheel position radial, the M315 combines outstanding durability, even wear and retreadability. Its special cap compound minimizes cutting and chipping on rocky surfaces. The M315 is the best choice for tough on-and-off highway use and logging/construction operations.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	295/80 R22.5	152/148K	-	TL	BL	17.6	1063	303	494	328	9.00	8.25 - 9.00
□	11 R22.5	148/145K	-	TL	BL	15.9	1056	282	491	309	8.25	7.50 - 8.25

□: M315Z
[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M56

The M56 is an extra deep tread tire for drive-axle positions in on-and-off highway use. Its powerful pattern and extra deep tread with special tread compound provide outstanding traction, longer tire life and strong resistance to cuts, chips and punctures. The M56 is best suitable for logging, mining and dump trucks.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	1200 R24	156/153K	-	TT	BL	17.8	1208	300	562	331	8.50	8.50 - 9.00

[TYPE] TT: TUBE TYPE
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M61Z

This rugged all-wheel position and on-and-off highway tire provides great resistance to cuts and punctures with positive traction.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
22.5	12 R22.5	152/147K	-	TL	BL	16.4	1084	295	504	322	9.00	8.25 - 9.00

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M71A

The M71A has been developed for all wheel positions in on-and-off highway use. Its rib-lug tread pattern provides good traction and higher mileage and reduces heat generation.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	1200 R24	156/153K	-	TT	BL	16.3	1203	300	559	331	8.50	8.50 - 9.00

[TYPE] TT: TUBE TYPE
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M503Z

The M503Z is a general-purpose on-and-off highway radial tire with a rib-lug pattern for heavy duty vehicles featuring exceptional traction in mud and a special tread compound that resists cuts and punctures. It is highly recommended for dump trucks, gravel trucks and refuse vehicles.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24.5	11 R24.5	149/146K	-	TL	BL	20.7	1117	282	519	309	8.25	7.50 - 8.25
22.5	11 R22.5	146/143K	-	TL	BL	20.7	1066	282	496	309	8.25	7.50 - 8.25

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

ON AND OFF

M506

A deep tread drive tire, the M506 delivers outstanding durability, even wear and retreadability. It has been especially designed for the tough on-and-off highway use as well as logging and construction operations. Its special cap compound and wide center block pattern reduce cutting and chipping on rough terrain.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
24	1200 R24	3S	-	TT	BL	28.0	1226	305	570	335	8.50	8.50 - 9.00
22.5	13 R22.5	156/150G	-	TL	BL	25.1	1123	322	522	349	9.00	9.00 - 9.75
□ ***24.5***	11 R24.5	149/146G	-	TL	BL	24.1	1124	282	523	309	8.25	7.50 - 8.25
□ ***22.5***	12 R22.5	152/148G	-	TL	BL	25.1	1100	302	512	329	9.00	8.25 - 9.00
□	11 R22.5	148/145G	-	TL	BL	24.1	1073	282	499	309	8.25	7.50 - 8.25

□: M506Z
[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

HIGHWAY RIB

M143

The M143 has been developed under DSOC II, TOYO TIRES' advanced tire design technology, to deliver excellent overall performance in severe operating conditions. It has been designed especially for excellent wear performance and improved casing durability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
19.5	285/70 R19.5	145/143M	-	TL	BL	13.5	893	275	403	300	8.25	7.50 - 9.00
	265/70 R19.5	140/138M	-	TL	BL	13.0	871	253	394	276	7.50	6.75 - 7.50
	245/70 R19.5	136/134M	-	TL	BL	12.5	843	240	383	262	7.50	6.75 - 7.50
	225/70 R19.5	128/126L	-	TL	BL	13.0	815	212	379	228	6.00	6.00 - 6.75
	225/70 R19.5	125/123L	F/12	TL	BL	13.0	815	212	379	228	6.00	6.00 - 6.75

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

LOW PLATFORM TRAILER
HIGHWAY RIB

M1430

The M1430 has been developed under DSOC II, TOYO TIRES' advanced tire design technology, to deliver excellent overall performance in severe operating conditions. It has been designed especially for excellent wear performance and improved casing durability.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
19.5	285/70 R19.5	150/148J	-	TL	BL	13.5	893	275	403	300	8.25	7.50 - 9.00
	265/70 R19.5	143/141J	-	TL	BL	13.0	871	253	394	276	7.50	6.75 - 7.50
	245/70 R19.5	141/140J	-	TL	BL	12.5	843	240	383	262	7.50	6.75 - 7.50
17.5	245/70 R17.5	143/141J	-	TL	BL	12.5	799	242	372	262	6.75	6.75 - 7.50
	235/75 R17.5	143/141J	-	TL	BL	12.1	803	233	373	254	6.75	6.75 - 7.50
	215/75 R17.5	135/133J	-	TL	BL	11.6	774	212	351	231	6.00	6.00 - 6.75
	9.5 R17.5	143/141J	-	TL	BL	12.5	838	230	376	251	6.75	6.00 - 6.75

[TYPE] TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

LOW PLATFORM TRAILER
ON AND OFF

M6100Z

The M6100Z tire is for low platform trailers with on-and-off road use. It has a stone ejector groove, rib-lug tread pattern, wider tread and flatter tread radius for improved chipping resistance, longer tread life and performance.

RIM DIA.	TIRE SIZE	LOAD INDEX / SPEED SYMBOL	PLY RATING	TYPE	SIDE WALL	TREAD DEPTH (mm)	INFLATED DIMENSION		LOADED DIMENSION		MEASURING RIM (Inch)	ALTERNATE RIM (Inch)
							OVERALL DIA. (mm)	OVERALL WIDTH (mm)	STATIC RADIUS (mm)	STATIC WIDTH (mm)		
17.5	10 R17.5	143/141J	-	TL	BL	14.0	859	246	399	270	7.50	6.75 - 7.50

[TYPE] TT: TUBE TYPE, TL: TUBELESS
[SIDE WALL] BL: BLACK LETTERS
Data as of December 2013. All products of Toyo Tires are subject to continuous development. Toyo Tires reserves the right to change construction, materials or specifications without notice or obligation.

TIRE SIZE DESIGNATIONS

For example :

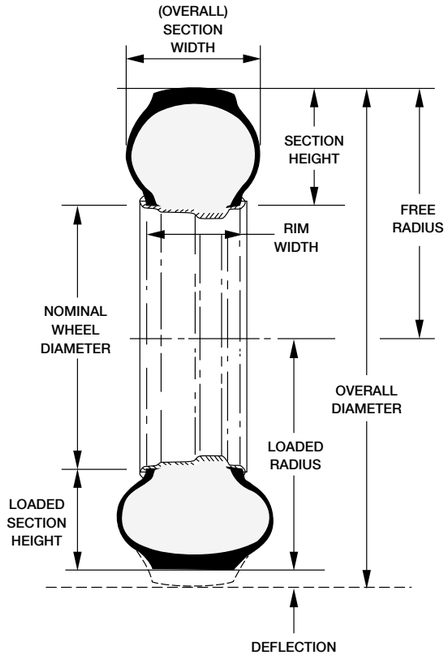
*215/60 R 16 95H
- Speed Symbol (Max 210km/h)
- Load Index (690kg)
- Nominal Rim Diameter (inches)
- Radial Construction
- Aspect Ratio (60%)
- Nominal Section Width (mm)

*P 205/55 R 16
- Nominal Rim Diameter (inches)
- Radial Construction
- Aspect Ratio (55%)
- Nominal Section Width (mm)
- Passenger Car Type Tire

*35 X 12.50R 17
- Nominal Rim Diameter (inches)
- Radial Construction
- Nominal Section Width (inches)
- Nominal Overall Diameter (inches)

*11 R 22.5 148/146L
- Speed Symbol (120km/h)
- Load Index (single/dual)
- Nominal Rim Diameter (inches)
- Radial Construction
- Nominal Section Width (inches)

*295/80R 225 152/148M
- Speed Symbol (130km/h)
- Load Index (single/dual)
- Nominal Rim Diameter (inches)
- Radial Construction
- Aspect Ratio (80%)
- Nominal Section Width (mm)



PLY RATING

"Ply Rating" is used to identify a given tire with its maximum recommended load when used in a specific type of service. It is an index of tire strength and does not necessarily represent the number of cord plies in the tire.

LOAD RANGE DESIGNATION - PLY RATING EQUIVALENCY TABLE

The Load Range is merely a letter used to correspond with a ply rating.

PLY RATING	2	4	6	8	10	12	14	16	18	20	22	24
LOAD RANGE	A	B	C	D	E	F	G	H	J	L	M	N

Speed Symbol Conversion Table

SPEED SYMBOL	MAXIMUM SPEED (km/h)	SPEED SYMBOL	MAXIMUM SPEED (km/h)	SPEED SYMBOL	MAXIMUM SPEED (km/h)
A1	5	D	65	Q	160
A2	10	E	70	R	170
A3	15	F	80	S	180
A4	20	G	90	T	190
A5	25	J	100	U	200
A6	30	K	110	H	210
A7	35	L	120	V	240
A8	40	M	130	W	270
B	50	N	140	Y	300
C	60	P	150	ZR	OVER 240

Load Index Conversion Table

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
0	45	47	175	94	670	141	2575	188	10000	235	38750
1	46.2	48	180	95	690	142	2650	189	10300	236	40000
2	47.5	49	185	96	710	143	2725	190	10600	237	41250
3	48.7	50	190	97	730	144	2800	191	10900	238	42500
4	50	51	195	98	750	145	2900	192	11200	239	43750
5	51.5	52	200	99	775	146	3000	193	11500	240	45000
6	53	53	206	100	800	147	3075	194	11800	241	46250
7	54.5	54	212	101	825	148	3150	195	12150	242	47500
8	56	55	218	102	850	149	3250	196	12500	243	48750
9	58	56	224	103	875	150	3350	197	12850	244	50000
10	60	57	230	104	900	151	3450	198	13200	245	51500
11	61.5	58	236	105	925	152	3550	199	13600	246	53000
12	63	59	243	106	950	153	3650	200	14000	247	54500
13	65	60	250	107	975	154	3750	201	14500	248	56000
14	67	61	257	108	1000	155	3875	202	15000	249	58000
15	69	62	265	109	1030	156	4000	203	15500	250	60000
16	71	63	272	110	1060	157	4125	204	16000	251	61500
17	73	64	280	111	1090	158	4250	205	16500	252	63000
18	75	65	290	112	1120	159	4375	206	17000	253	65000
19	77.5	66	300	113	1150	160	4500	207	17500	254	67000
20	80	67	307	114	1180	161	4625	208	18000	255	69000
21	82.5	68	315	115	1215	162	4750	209	18500	256	71000
22	85	69	325	116	1250	163	4875	210	19000	257	73000
23	87.5	70	335	117	1285	164	5000	211	19500	258	75000
24	90	71	345	118	1320	165	5150	212	20000	259	77500
25	92.5	72	355	119	1360	166	5300	213	20600	260	80000
26	95	73	365	120	1400	167	5450	214	21200	261	82500
27	97.5	74	375	121	1450	168	5600	215	21800	262	85000
28	100	75	387	122	1500	169	5800	216	22400	263	87500
29	103	76	400	123	1550	170	6000	217	23000	264	90000
30	106	77	412	124	1600	171	6150	218	23600	265	92500
31	109	78	425	125	1650	172	6300	219	24300	266	95000
32	112	79	437	126	1700	173	6500	220	25000	267	97500
33	115	80	450	127	1750	174	6700	221	25750	268	100000
34	118	81	462	128	1800	175	6900	222	26500	269	103000
35	121	82	475	129	1850	176	7100	223	27250	270	106000
36	125	83	487	130	1900	177	7300	224	28000	271	109000
37	128	84	500	131	1950	178	7500	225	29000	272	112000
38	132	85	515	132	2000	179	7750	226	30000	273	115000
39	136	86	530	133	2060	180	8000	227	30750	274	118000
40	140	87	545	134	2120	181	8250	228	31500	275	121000
41	145	88	560	135	2180	182	8500	229	32500	276	125000
42	150	89	580	136	2240	183	8750	230	33500	277	128500
43	155	90	600	137	2300	184	9000	231	34500	278	132000
44	160	91	615	138	2360	185	9250	232	35500	279	136000
45	165	92	630	139	2430	186	9500	233	36500		
46	170	93	650	140	2500	187	9750	234	37500		

Safety Precautions

Usage Recommendations for TOYO TIRES Semi Racing Tires and Drag Radial Tires.

STREET USE

Semi racing and drag radial tires are designed with a reduced tread depth and a special tread rubber compound for optimal dry weather traction. Therefore, it is important to frequently check the available tread depth because semi racing and drag radial tires will wear out much sooner and offer less wet weather grip than regular passenger-car tires. Never use these tires, or any tires, on the street if they are worn down to the wear indicator bars, i.e., the available tread depth is no more than 1.6mm (2/32nds of an inch). Use extreme caution and reduced speeds when driving in wet conditions. Never mix bias and radial tires on the same vehicle.

Recommendation on the Proper Use and Handling of Certain TOYO TIRES
(All PROXES R1R and All PROXES R888)

This advisory addresses the proper use and handling of these tires in colder climates. Tires exposed to temperatures below 15ºF (-9ºC) will lose rubber compound flexibility. Under certain conditions, it may even experience cracking (see image right).
The rubber compounds used in these tires have unique properties that, when compared to other tires, can cause them to lose some of their flexibility when used or handled in conditions below 15ºF (-9ºC). This loss in flexibility can lead to potential cracking and other damage to the tire.

TO MINIMIZE THE CHANCES OF THIS HAPPENING, CONSUMERS AND INSTALLERS ARE ADVISED TO FOLLOW THESE INSTRUCTIONS:

1. Do not move or operate the car with these tires in conditions below 15ºF (-9ºC).
   ALWAYS INSPECT FOR SIGNS OF CRACKING! NEVER USE TIRES THAT HAVE CRACKED!
2. Avoid moving these tires in conditions below 15ºF (-9ºC).
3. Before mounting or dismounting, store these tires for at least 24 hours in a temperature-controlled environment of 68ºF (20ºC) or warmer, and **ALWAYS INSPECT FOR SIGNS OF CRACKING! NEVER USE TIRES THAT HAVE CRACKED!**
4. Remove these tires from the vehicle and deflate to half the normal air pressure during prolonged periods of non-use or storage.

Consumer Safety Advisory for Lifted Light Trucks : Rollover Propensity of Lifted Light Trucks

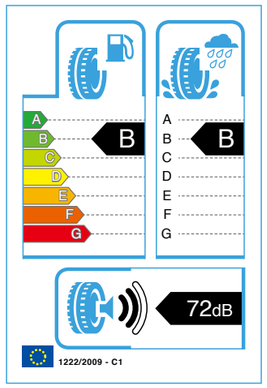
Consumers should be aware that the installation of larger diameter tires, including off-road type tires, combined with modified suspensions (lift kits) for increased off-road ground clearance will adversely affect the handling and maneuverability characteristics of the vehicle compared to the factory-equipped (original) vehicle. When vehicles, especially light trucks, are lifted, the center of gravity is heightened, thus making them more prone to rollover. Rollover propensity is further increased with full passenger and/or cargo loads. Other aspects of handling and maneuverability may also be affected by altering the original manufacturer's design. As with any vehicle, **Extreme Care must be used to prevent loss of control or rollover during sharp turns or abrupt maneuvers.** Always wear seat belts and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. **The installation of larger tire and wheel combinations will reduce the effectiveness of anti-lock braking systems and increase stopping distance. Failure to safely drive any vehicle equipped with a lift kit may result in an accident resulting in serious injury or death.** Do not drive a lifted vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state. Consult your owner's manual, the instructions accompanying the lift kit, and state laws before undertaking any vehicle suspension modifications. **You are responsible for the legality and safety of the vehicle you modify using lift kit and tire modifications.**

Additional Information

EU Tire Labeling Regulation

New tire labelling regulation was implemented in Europe in November 1, 2012 that new type of tire label is required for most PC, SUV, LT and Truck tires produced after June 30, 2012 and sold in the European Union.

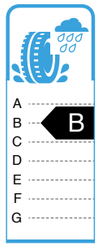
These labels have been introduced to improve the safety and environmental performance of tires and to help consumers make an informed choice.



Tires have labels showing ratings for rolling resistance, wet grip and external noise.

Tire makers are obliged to provide this label information on their websites and product literature.
Tire dealers also need to show the grading information from the label before customers choose a tire and with their invoice.
The labels use the familiar colour coded gradings seen on white goods and cars. As in the example on the left.

An explanation of the three categories which make up the label is provided below.



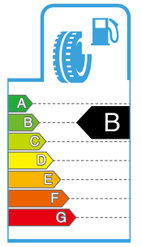
The grading on the right of the label shows Wet Grip.

Wet Grip is measured using a standard test. As with Rolling Resistance, the higher the grading, the better the tire performed in the test.

The wet frip test is designed to provide comparable results between tires. This is very difficult to acheive since the friction of the testing surface and ambient temperature will greatly influence the measurements.

The test process takes into account these factors so that observed results need to be entered into a calulation which uses coefficients for surface friction and temperature. In addition the test conditions for winter and summer tires are also different.

As with the rolling resitance grading, there is no "D" grade. A tire which is just below "C" grade will be graded as an "E" for wet grip. However, in addition, for wet grip, there is no "G" grade. The lowest rating for wet grip is "F"



The grading on the left of the label indicates Rolling Resistance.

The grading goes from "A" which is the highest to "G" which is the lowest. The EU has decided that the grading "D" will be an empty category. This means that if a tire does not qualify for a "C" grading in rolling resistance, it will be graded with an "E"

Rolling Resistance is a measure of the environmental performance of a tire. The higher the grade, the lower the rolling resistance. Rolling resistance is the force required to be overcome by the engine of a vehicle in order to move the tire. Put simply, a lower rolling resistance means the tire will use less energy to travel a certain distance.

A low rolling resistance may also translate into improved fuel economy.

The grading on the bottom of the label indicates the external noise of the tire.

External noise is shown in two different ways on the label. Firstly by the specific noise level measured in decibels

However, because consumers cannot be expected to readily know what is a reasonable noise level for a particular size of tire, there is a simple graphical device showing either 1, 2 or 3 "sound waves". These sound waves atre illustrated as curved black lines increasing in size as the noise level increases.

A tire showing 1 "sound wave" has the lowest grade for noise **for its size.** Two "sound waves" means a medium grade while three "sound waves" means the tire is in the noisiest grading **for its size.**

You should note that the wider the tire, the more noise it will make. Therefore the sound wave gradings vary according to the section width of the tire. For example a very wide tire which has a noise level of 70 decibels may have a low "sound wave" grade. However a narrow tire with the same 70 decibel noise level would be in the highest "sound wave" grade.