

# ShangHai Luqing Rubber Co., Ltd

## OneCoin Brand Radial OTR Tire Specs

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# LQ101

◆ For earthmover applications at lower speeds, for static loads and for industrial applications, please consult technical department.

◆ The classification "Loader" is valid for applications where goods are picked up and dumped at lower speeds of about 10km/h and short distance of about 100m.

◆ The classification of "Earthmover" stands for transport of the load over a longer distance, unloading and empty way back to the loading area.

## Applicable types of vehicles:



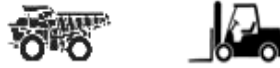
Size	PR	Tread Pattern		Rim & Flange Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg) versus Speed		Speed versus Inflation Pressure (PSI)	
		Type	TRA Code			OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
16/70-20	10	LQ101	L-3	13(SDC)	TT	1075	410	4200	2400	325	250
16/70-20	14	LQ101	L-3	13(SDC)	TT	1075	410	5150	2925	450	350
16/70-20	18	LQ101	L-3	13(SDC)	TT	1075	410	5800	3350	550	450
17.5-25	8	LQ101	L-3	14.00/1.5	TBLS/TT	1350	445	4750	2800	225	150
17.5-25	12	LQ101	L-3	14.00/1.5	TBLS/TT	1350	445	6150	3650	350	225
17.5-25	16	LQ101	L-3	14.00/1.5	TBLS/TT	1350	445	7300	4250	475	300
17.5-25	20	LQ101	L-3	14.00/1.5	TBLS/TT	1350	445	8250	5000	575	400
20.5-25	16	LQ101	L-3	1700/2.0	TBLS/TT	1490	520	8250	5450	350	275
20.5-25	20	LQ101	L-3	1700/2.0	TBLS/TT	1490	520	9500	6000	450	325
20.5-25	24	LQ101	L-3	1700/2.0	TBLS/TT	1490	520	10300	6700	525	400
20.5-25	28	LQ101	L-3	1700/2.0	TBLS/TT	1490	520	11500	7500	625	475
23.5-25	16	LQ101	L-3	19.50/2.5	TBLS/TT	1615	595	9500	6150	300	225
23.5-25	20	LQ101	L-3	19.50/2.5	TBLS/TT	1615	595	10900	7300	375	300
23.5-25	24	LQ101	L-3	19.50/2.5	TBLS/TT	1615	595	12500	8000	475	350
23.5-25	28	LQ101	L-3	19.50/2.5	TBLS/TT	1615	595	13600	8750	550	400
26.5-25	16	LQ101	L-3	22.00/3.0	TBLS/TT	1750	675	11500	7300	275	200
26.5-25	20	LQ101	L-3	22.00/3.0	TBLS/TT	1750	675	13200	8250	350	250
26.5-25	24	LQ101	L-3	22.00/3.0	TBLS/TT	1750	675	14000	9250	400	300
26.5-25	28	LQ101	L-3	22.00/3.0	TBLS/TT	1750	675	15500	10000	475	350
26.5-25	32	LQ101	L-3	22.00/3.0	TBLS/TT	1750	675	17000	11200	550	425
29.5-25	16	LQ101	L-3	25.00/3.5	TBLS/TT	1875	750	12900	8000	250	175
29.5-25	22	LQ101	L-3	25.00/3.5	TBLS/TT	1875	750	15000	10000	325	250
29.5-25	28	LQ101	L-3	25.00/3.5	TBLS/TT	1875	750	17500	11500	425	325
29.5-29	28	LQ101	L-4	25.00/3.5	TBLS/TT	1975	750	19000	12100	425	325
29.5-29	34	LQ101	L-4	25.00/3.5	TBLS/TT	1975	750	21200	14000	525	400
29.5-29	40	LQ101	L-4	25.00/3.5	TBLS/TT	1975	750	23600	15000	625	475
37.25-35	30	LQ101	L-3	31.00/4.0	TBLS/TT	2390	945	28000	17500	375	275
37.25-35	36	LQ101	L-3	31.00/4.0	TBLS/TT	2390	945	30700	19500	450	325
37.25-35	42	LQ101	L-3	31.00/4.0	TBLS/TT	2390	945	33500	21800	525	400



## LQ102

- ◆ For dump truck and loader application.
- ◆ Strong carcass construction provides extra load capacity.
- ◆ Aggressive tread design offer excellent abrasion resistance, cut and chunk resistance

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg) versus Speed		Max Load (kg) Versus Speed	
						OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
14.00-24	20	LQ102	IND-3	10	TBLS/TT	1370	375	8500	4625	700	475
14.00-24	24	LQ102	IND-3	10	TBLS/TT	1370	375	9500	5150	850	575
14.00-24	28	LQ102	IND-3	10	TBLS/TT	1370	375	10000	5600	925	650
14.00-24	32	LQ102	IND-3	10	TBLS/TT	1370	375	10500	6050	1000	740



## LQ109

- ◆ For loader and bulldozer application.
- ◆ Square tread design, super cut and tear resistance tread compound.

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg) versus Speed		Speed versus Inflation Pressure (kPa)	
		Type	TRA Code			OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
35/65-33	24	LQ109	L-5	28.00/3.5	TBLS	2077	890	19000	-	350	-
35/65-33	30	LQ109	L-5	28.00/3.5	TBLS	2077	890	21800	-	450	-
35/65-33	36	LQ109	L-5	28.00/3.5	TBLS	2077	890	23600	-	525	-
35/65-33	42	LQ109	L-5	28.00/3.5	TBLS	2077	890	26500	-	625	-
45/65-45	38	LQ109	L-5	36.00/4.5	TBLS	2733	1140	38750	-	425	-
45/65-45	46	LQ109	L-5	36.00/4.5	TBLS	2733	1140	43750	-	525	-
45/65-45	58	LQ109	L-5	36.00/4.5	TBLS	2733	1140	50000	-	675	-

# LQ107

- ◆ For local dump truck delivery application.
- ◆ Strong carcass construction, super cut and chunking resistance compound together with extra deep tread offer the best performance

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions(mm)		Max Load (kg) versus Speed		Speed versus Inflation Pressure (kPa)	
		Pattern	TRA Code			OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
21.00-33	28	LQ107	E3	15.00/3.0	TT	1593	572	16300	9400	550	425
21.00-33	32	LQ107	E3	15.00/3.0	TT	1593	572	17900	10300	650	500
21.00-33	36	LQ107	E3	15.00/3.0	TT	1593	572	19500	11200	750	575
21.00-35	28	LQ107	E3	15.00/3.0	TBLS	2005	575	19500	11200	575	425
21.00-25	32	LQ107	E3	15.00/3.0	TBLS	2005	575	21200	12150	650	500
21.00-25	36	LQ107	E3	15.00/3.0	TBLS	2005	575	23000	12850	750	550
21.00-25	40	LQ107	E3	15.00/3.0	TBLS	2005	575	24300	14000	825	625
21.00-35	44	LQ107	E3	15.00/3.0	TBLS	2005	575	25000	14500	900	675
24.00-35	42	LQ107	E3	17.00/3.5	TBLS	2130	650	29000	16500	750	550
24.00-35	48	LQ107	E3	17.00/3.5	TBLS	2130	650	31500	18500	850	650
27.00-49	36	LQ107	E3	19.50/4.0	TBLS	2650	735	36500	21200	575	425
27.00-49	42	LQ107	E3	19.50/4.0	TBLS	2650	735	40000	23000	675	500
27.00-49	48	LQ107	E3	19.50/4.0	TBLS	2650	735	43750	25000	775	575
27.00-49	36	LQ107	E4	19.50/4.0	TBLS	2703	735	36500	21200	575	425
27.00-49	42	LQ107	E4	19.50/4.0	TBLS	2703	735	40000	23000	675	500
27.00-49	48	LQ107	E4	19.50/4.0	TBLS	2703	735	43700	25000	775	575
33.00-51	42	LQ107	E3	24.00/5.0	TBLS	2995	895	51500	30000	550	425
33.00-51	50	LQ107	E3	24.00/5.0	TBLS	2995	895	56000	33500	650	500
33.00-51	58	LQ107	E3	24.00/5.0	TBLS	2995	895	61500	35500	750	575
33.00-51	42	LQ107	E4	24.00/5.0	TBLS	3026	895	51500	30000	550	425
33.00-51	50	LQ107	E4	24.00/5.0	TBLS	3026	895	56000	33500	650	500
33.00-51	58	LQ107	E4	24.00/5.0	TBLS	3026	895	61500	35500	750	575
36.00-51	42	LQ107	E3	26.00/5.0	TBLS	3165	990	58000	34500	500	375
36.00-51	50	LQ107	E3	26.00/5.0	TBLS	3165	990	65000	37500	600	450
36.00-51	58	LQ107	E3	26.00/5.0	TBLS	3165	990	71000	41250	675	525
37.00-57	68	LQ107	E4	27.00/6.0	TBLS	3400	1075	91000	51500	725	550
40.00-57	60	LQ107	E4	29.00/6.0	TBLS	3594	1097	87500	50000	650	475
40.00-57	68	LQ107	E4	29.00/6.0	TBLS	3594	1097	92500	54500	725	550

# LQ108

- ◆ For underground mining application.
- ◆ Excellent abrasion resistance, cut resistance and anti-penetration properties.

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg) versus Speed		Speed versus Inflation Pressure (kPa)	
		Type	TRA Code			OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
14.00-24NHS	16	LQ108	L-5S	10	TBLS	1370	375	7300	-	550	-
14.00-24NHS	20	LQ108	L-5S	10	TBLS	1370	375	8500	-	700	-
14.00-24NHS	24	LQ108	L-5S	10	TBLS	1370	375	9500	-	850	-
14.00-24NHS	28	LQ108	L-5S	10	TBLS	1370	375	10000	-	925	-
14.00-24NHS	32	LQ108	L-5S	10	TBLS	1370	375	10600	-	1000	-
14.00-24NHS	16	LQ108	L-4S	10	TBLS	1370	375	7300	4000	550	375
14.00-24NHS	20	LQ108	L-4S	10	TBLS	1370	375	8500	4625	700	475
14.00-24NHS	24	LQ108	L-4S	10	TBLS	1370	375	9500	5150	850	575
14.00-24NHS	28	LQ108	L-4S	10	TBLS	1370	375	10000	5600	925	650
14.00-24NHS	32	LQ108	L-4S	10	TBLS	1370	375	10600	6000	1000	725
17.5-25	16	LQ108	L-5S	14.00/1.5	TBLS	1380	445	7300	-	475	-
17.5-25	20	LQ108	L-5S	14.00/1.5	TBLS	1380	445	8250	-	575	-
26.5-25	20	LQ108	L-5S	22.00/3.0	TBLS	1790	675	13200	-	350	-
26.5-25	24	LQ108	L-5S	22.00/3.0	TBLS	1790	675	14000	-	400	-
26.5-25	28	LQ108	L-5S	22.00/3.0	TBLS	1790	675	15000	-	475	-
26.5-25	32	LQ108	L-5S	22.00/3.0	TBLS	1790	675	17000	-	550	-
29.5-29	28	LQ108	L-5S	25.00/3.5	TBLS	2023	750	19000	-	425	-
29.5-29	34	LQ108	L-5S	25.00/3.5	TBLS	2023	750	21200	-	525	-
29.5-29	40	LQ108	L-5S	25.00/3.5	TBLS	2023	750	23600	-	625	-

## LQ111

- ◆ Traditional tread design, long lasting bias tyre pattern.
- ◆ Most construction and compounds are similar with LT, it represents a real value for

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg) versus Speed		Speed versus Inflation Pressure (kPa)	
		Type	TRA Code			OD	SW	10Km/h	50Km/h	10Km/h	50Km/h
16.00-25	24	LQ111	IND-3	11.25/2.0	TBLS/TT	1490	430	10600	6000	650	475
16.00-25	28	LQ111	IND-3	11.25/2.0	TBLS/TT	1490	430	11500	6700	750	575
16.00-25	32	LQ111	IND-3	11.25/2.0	TBLS/TT	1490	430	12500	7300	875	650
16.00-25	36	LQ111	IND-3	11.25/2.0	TBLS/TT	1490	430	13600	77500	975	725
18.00-25	24	LQ111	IND-3	13.00/2.5	TBLS/TT	1615	495	12500	7300	550	425
18.00-25	28	LQ111	IND-3	13.00/2.5	TBLS/TT	1615	495	13600	8000	650	500
18.00-25	32	LQ111	IND-3	13.00/2.5	TBLS/TT	1615	495	15000	8750	750	575
18.00-25	36	LQ111	IND-3	13.00/2.5	TBLS/TT	1615	495	16000	9250	850	625
18.00-25	40	LQ111	IND-3	13.00/2.5	TBLS/TT	1615	495	17000	9750	950	700
21.00-25	24	LQ111	IND-3	15.00/3.0	TBLS/TT	1750	635	15000	8750	500	375
21.00-25	28	LQ111	IND-3	15.00/3.0	TBLS/TT	1750	635	16500	9500	575	425
21.00-25	32	LQ111	IND-3	15.00/3.0	TBLS/TT	1750	635	17500	10300	650	500
21.00-25	36	LQ111	IND-3	15.00/3.0	TBLS/TT	1750	635	18600	—	725	—

## LQ405

- ◆ Robust and aggressive lug provides better traction and self-cleaning
- ◆ Comfortable ride and minimized weariness



Size	PR	Tread Pattern		Rim & Flange Size	Tube Type	Inflated Dimensions (mm)		Max Load (kg)		Inflation Pressure (kPa)
		Type	TRA Code			OD	SW	10km/h	50km/h	
20.8-42	10	LQ405	R-1	18	TBLS	1935	528	6250	5700	190
20.8-42	14	LQ405	R-1	18	TBLS	1935	528	7700	7050	200

# LQ105

◆ Applicable for backhoe loader, telehandler & terrain forklift

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max		Inflation Pressure (kPa)
		Type	TRA Code			OD	SW	15km/h	50km/h	
12.5/80-18 IMP	12	LQ105	R4	W9X18(11X18)	TBLS	1014	322	3205	-	370
16.9-24 IND	8	LQ105	R4	W15X24 (W14X24)	TBLS	1351	464	3550	2940	190
	10	LQ105	R4		TBLS	1351	464	4040	3330	220
	12	LQ105	R4		TBLS	1351	464	4355	2960	630
17.5L-24 IND	6	LQ105	R4	W15X24 (W14X24)	TBLS	1278	480	2680	1820	140
	8	LQ105	R4		TBLS	1278	480	3255	2210	170
	10	LQ105	R4		TBLS	1278	480	3750	2550	220
	12	LQ105	R4		TBLS	1278	480	4355	2960	260
19.5L-24 IND	8	LQ105	R4	W16X24 (DA16A,W15X24)	TBLS	1356	535	3650	2480	170
	10	LQ105	R4		TBLS	1356	535	4120	2800	290
	12	LQ105	R4		TBLS	1356	535	4625	3140	230
	14	LQ105	R4		TBLS	1356	535	5195	3525	260
21L-24 IND	10	LQ105	R4	W18X24 (W18X24, DW18AX24)	TBLS	1424	576	7705	3050	180
	12	LQ105	R4		TBLS	1424	576	8195	3525	220
	16	LQ105	R4		TBLS	1424	576	10350	4500	280
18.4-26 IND	12	LQ105	R4	W16X26 (DW16A,W15X26)	TBLS	1523	505	5360	3640	250
16.9-28 IND	12	LQ105	R4	W15X28 (W14X28)	TBLS	1452	464	4755	3230	250

## LQ403

- ◆ Slim and aggressive lug provides better traction and self-cleaning.
- ◆ Comfortable ride and minimized wearness

Applicable types of vehicles:



Size	PR	Tread Pattern		Rim & Flange Size	Tube Type	Inflated Dimensions (mm)		Load Capacity (kg)	Inflation Pressure (kPa)
		Type	TRA Code			OD	SW		
15.5/80-24	16	LQ403	LS/R1	W12	TL/TT	1269	394	3250	350
16.9-26	10	LQ403	LS/R1	W15L	TL/TT	1384	429	2430	250
18.4-30	10	LQ403	LS/R1	W16L	TL/TT	1552	467	3000	230
18.4-38	12	LQ403	LS/R1	W16L	TL/TT	1755	467	3750	290
18.4-42	16	LQ403	LS/R1	W16	TL/TT	1857	467	4375	330
24.5-32	14	LQ403	LS/R1	W21	TL/TT	1803	622	4875	250
30.5L-32	16	LQ403	LS/R1	DW27	TL/TT	1820	775	5370	170
	18	LQ403	LS/R1	DW27	TL/TT	1820	775	6000	210
800/65-32	20	LQ403	LS/R1	DW27	TL/TT	1870	790	7750	320
900/60-32	20	LQ403	LS/R1	DW27	TL/TT	1900	900	8250	320
14.9-24	8	LQ403	LS/R1	W13	TL/TT	1245	378	1760	180
16.9-24	8	LQ403	LS/R1	W15L	TL/TT	1351	430	1950	180