THE SMART MONEY IS ON

DOUBLECOIN

TRUCK TIRE DATA AND REFERENCE BOOK

Technical data

Net Logist doo

WEST BALKAN PARTNER

Catalogue 2019/2020

www.double-coin.rs

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We take the responsibility of quality very, very seriously. Our global O.E. positions, and those in Europe, reinforce our commitment to quality.

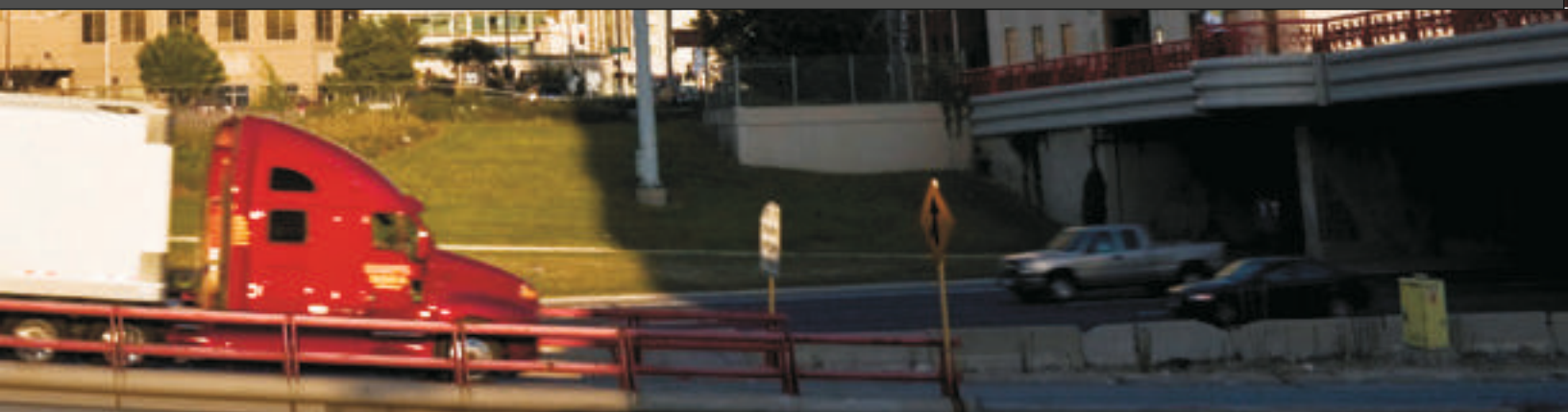
The quality standards of Double Coin are backed by ISO 9001, the TS16949 Certifcate of Registration issued by the British Standard Institute for “Quality Management System,” as well as the ISO14001 Certifcate.

You will discover Double Coin’s just as they are known around the world… a tire of uncompromising quality, strength, low cost per mile and retreadability.

THE SMART MONEY IS ON

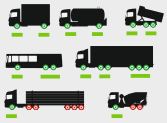
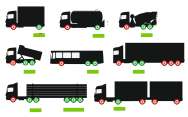
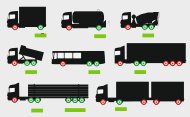
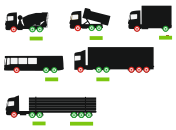
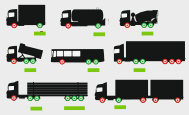
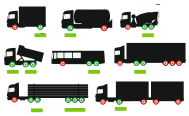
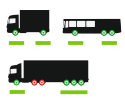
DOUBLECOIN

UNCOMPROMISING QUALITY AND PERFORMANCE



DOUBLE COIN

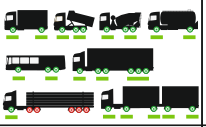
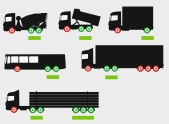
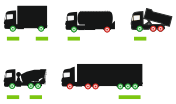
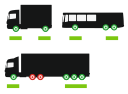
PRODUCT COMPARISON CHART

CATEGORY	PAGE	PRODUCT	IMAGE	FEATURES	COMPETITORS	
STEER / ALL-POSITION		**RT600***		· Enhanced tread compounds and siping · Premium 5-rib tread design with wide shoulders · Durable casing promotes long service life	· Bridgestone R250F · Goodyear G149 RSA · Hankook AH11, AH12 · Continental HSR, HSR-1	· Toyo M143 · Firestone FS560 · Kumho KRS03 · Michelin XZE2+, XZE3
		RR100		· Premium 5-rib tread design with wide shoulders · Deep $^{19}/_{32}$" original tread depth · Enhanced channel siping and wide grooves	· Bridgestone R294, R250F · Goodyear G149 RSA, G159 · Michelin XZA1+ · Continental HSR, HSR-1	· Toyo M143 · Firestone FS507 · Kumho KRS02
		RT606+		· Enhanced tread compounds and siping · Premium 5-rib tread design with wide shoulders · Extra deep $^{22}/_{32}$" original tread depth	· Bridgestone R260, R250F · Goodyear G149 RSA, G169 RSA · Hankook AH11, AH12 · Continental HSR, SR-1	· Toyo M154, M124Z · Firestone FS560 · Kumho KRS02, KRS03 · Michelin XZE2+, XZW2+
		RR400		· Premium $^{19}/_{32}$" original tread depth · Wide shoulders · Durable casing	· Bridgestone R250 · Goodyear G149 · Hankook AH08, AH11 · Continental HSR	· Toyo M154, M137 · Firestone T559 · Kumho 983 · Michelin XZY3
DRIVE		**RLB490**		· Innovative tread design and compounds · Durable casing construction · Multiple low profle options	· Bridgestone M724F · Goodyear G362 · Hankook Z59 · Continental HDR	· Toyo M627 · Firestone FD690+ · Kumho KRD02 · Michelin XDA3, XDA5
		RLB1		· Open shoulder design · Deep $^{26}/_{32}$" tread depth · Full depth siping · Tubeless and tube-type sizes	· Bridgestone M711, M725 · Goodyear G124, G182 · Hankook Z35A · Continental HDL	· Toyo M610ZL · Firestone FD663 · Kumho KRD03, 942 · Michelin XM+S4
		RLB200+		· Aggressive directional tread pattern · Extra wide tread face	· Bridgestone M711, M725 · Goodyear G124, G182 · Hankook Z35A · Continental HDL	· Toyo M610ZL · Firestone FD663 · Kumho KRD03, 942 · Michelin XM+S4
		RLB450		· Innovative open shoulder tread design · Heavy-duty casing	· Bridgestone M711, M725 · Goodyear G362, G182 · Hankook Z35A · Continental HDL	· Toyo M610ZL · Firestone FD663 · Kumho KRD03 · Michelin XD4, XDE M+S
		RSD1		· Excellent traction on all road surfaces and conditions · Open shoulder design · Zig-zag siping and proven tread block design	· Bridgestone M788, W958, W970 · Michelin XDN2, XDS, XDS2	
TRAILER		**RT910**		· Tread pattern/heavy ply rating designed for multiple uses · 5-rib tread design · Durable casing	· Bridgestone M844F · Goodyear G286 · Hankook AM02 · Continental HTC	· Toyo M320Z · Firestone T839 · Kumho 943W · Michelin XZUS
		RT500		· Special tread compounds · 5-rib tread design · Wide size options for multiple uses	· Bridgestone R250F · Goodyear G149 RSA · Hankook AH11, AH12 · Continental HSR, HSR-1	· Toyo M143 · Firestone FS560 · Kumho KRS02, KRS03 · Michelin XTA

*Double Coin manufactures EPA SmartWay® verifed technologies

DOUBLE COIN

PRODUCT COMPARISON CHART

CATEGORY	PAGE	PRODUCT	IMAGE	FEATURES	COMPETITORS	
MIXED SERVICE		RR99/RR9		· Strong all-position tread pattern · Cut, chip and tear resistant tread · 10,000 lb load carrying capacity · Tubeless and tube-type sizes	· Bridgestone M860, M850 · Goodyear G288 · Hankook AH10 · Continental MS520	· Toyo M320 · Firestone T819 · Kumho 973 · Michelin XZY3
		RLB900+		· Aggressive multi-purpose tread design · Large tread elements · Heavy-duty belt package and undertread	· Bridgestone M844F · Goodyear G286 · Hankook AM02 · Continental HTC	· Toyo M320Z · Firestone T839 · Kumho 943W · Michelin XZY3, XZUS
		RR900		· Wide footprint to distribute weight · 6-rib tread design	· Bridgestone M844F · Goodyear G286 · Hankook AM02 · Continental HTC	· Toyo M320Z · Firestone T839 · Kumho 943W · Michelin XZUS
		RR905		· Wide footprint to distribute weight · 6-rib tread design	· Bridgestone M844F · Goodyear G286 · Hankook AM02 · Continental HTC	· Toyo M320Z · Firestone T839 · Kumho 943W · Michelin XZUS
		RR202		· 10,000 lb load carrying capacity · Modern multi-rib tread design · Extra durable casing	· Bridgestone M860 · Goodyear G291 · Hankook AH12 · Continental HSL	· Toyo M140Z · Firestone T559 · Kumho 955 · Michelin XZY3, XZUS
OTHER ALL POSITION		RR200L		· Deep $^{18}/_{32}$" original tread depth · Abrasion-resistant tread compounds · Durable casing	· Bridgestone M860 · Goodyear G291 · Hankook AH12 · Continental HSL	· Toyo M140Z · Firestone T559 · Kumho 955, KRS03 · Michelin XZA1+
		RR4		· Strong all-position tread pattern · Heavy-duty casing	· Bridgestone R250 · Goodyear G149 · Hankook AH08, AH11 · Continental HSR	· Toyo M154, M137 · Firestone T559 · Kumho 983 · Michelin XZY3
		RR700		· Enhanced tread compounds and siping · Premium 5-rib tread design with wide shoulders · Durable casing	· Bridgestone R250 · Goodyear G149 · Hankook AH08, AH11 · Continental HSR	· Toyo M154, M137 · Firestone T559 · Kumho 983 · Michelin XZY3
		RR800		· Wide shoulders · Durable casing	· Bridgestone R250 · Goodyear G149 · Hankook AH08, AH11 · Continental HSR	· Toyo M154, M137 · Firestone T559 · Kumho 983 · Michelin XZY3
		RR660N		· Premium 4-rib tread design with wide shoulders · Deep original tread depth · Enhanced channel siping and wide grooves	· Bridgestone R294, R250F · Goodyear G149 RSA, G159 · Michelin XZA1+ · Continental HSR, HSR-1	· Toyo M143 · Firestone FS507 · Kumho KRS02
		RLB300		· Unique tread block pattern · Deep $^{21}/_{32}$" tread depth · Extra wide tread face	· Bridgestone M711, M725 · Goodyear G362, G182 · Hankook Z35A · Continental HDL	· Toyo M610ZL · Firestone FD663 · Kumho KRD03 · Michelin

DOUBLE COIN

LOAD INFLATION CHART

To fnd the correct load and infation information on this table, frst locate your tire size. Match the sidewall markings on your tire to the table with the same sidewall markings information. If for any reason the tire sidewall markings don't match the information on the table, contact your Double Coin dealer to get the proper load and infation information.

Load and infation standards can change, and Double Coin may revises its information to refect these modifcations. What is printed may not be the current infation and load specifcations.

Always adhere to the wheel manufacturer's maximum air pressures.

TIRE SIZE	TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)												
	KPA		480	520	550	590	620	660	690	720	760	790	830
	PSI		70	75	80	85	90	95	100	105	110	115	120
8R19.5	DUAL	KG	1120	1170	1215(D) 115	1260	1310	1360(E) 119	1410	1460	1500(F) 122		
		LB	2460	2570	2680(D)	2785	2890	3000(E)	3100	3200	3305(F)		
	SINGLE	KG	1150	1220	1285(D) 117	1340	1400	1450(E) 121	1500	1550	1600(F) 124		
		LB	2540	2680	2835(D)	2955	3075	3195(E)	3305	3415	3525(F)		
9R22.5	DUAL	KG	1480	1550	1610	1670	1750(E) 127	1820	1890	1950(F) 131	2010	2070	2120(G) 134
		LB	3270	3410	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)
	SINGLE	KG	1530	1610	1690	1760	1850(E) 129	1920	1990	2060(F) 133	2120	2180	2240(G) 136
		LB	3370	3560	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)
10R22.5	DUAL	KG	1750	1830	1910	2000(E) 132	2080	2160	2240(F) 136	2300	2360	2430(G) 139	
		LB	3860	4045	4230	4410(E)	4585	4760	4940(F)	5075	5210	5355(G)	
	SINGLE	KG	1850	1940	2030	2120(E) 134	2200	2280	2360(F) 138	2430	2500	2575(G) 141	
		LB	4080	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5674(G)	
11R22.5	DUAL	KG	1990	2080	2160	2250	2360(F) 138	2460	2560	2650(G) 142	2680	2710	2725(H) 143
		LB	4380	4580	4760	4950	5205(F)	5415	5615	5840(G)	5895	5950	6005(H)
	SINGLE	KG	2050	2160	2260	2370	2500(F) 140	2600	2700	2800(G) 144	2870	2940	3000(H) 146
		LB	4530	4770	4990	5520	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)
11R24.5	DUAL	KG	2110	2210	2300	2390	2500(F) 140	2580	2660	2725(G) 143	2820	2910	3000(H) 146
		LB	4660	4870	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)
	SINGLE	KG	2190	2300	2410	2520	2650(F) 142	2770	2890	3000(G) 146	3080	3160	3250(H) 149
		LB	4820	5070	5310	5550	5840(F)	6095	6350	6610(G)	6790	6970	7160(H)
12R22.5	DUAL	KG	2170	2260	2350	2440	2575(F) 141	2630	2680	2725(G) 143	2840	2960	3075(H) 147
		LB	4780	4990	5190	5390	5675(F)	5785	5895	6005(G)	6265	6225	6780(H)
	SINGLE	KG	2240	2360	2470	2580	2725(F) 143	2820	2910	3000(G) 146	3120	3240	3350(H) 150
		LB	4940	5200	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)
8.25R15TR	DUAL	KG	1220	1270	1330	1380	1430	1480	1520	1600(F) 124	1650	1700	1750(G) 127
		LB	2700	2810	2930	3040	3150	3260	3360	3525(F)	3635	3745	3860(G)
	SINGLE	KG	1260	1330	1400	1450	1520	1570	1630	1700(F) 126	1750	1800	1850(G) 129
		LB	2780	2930	3080	3200	3340	3470	3590	3750(F)	3860	3970	4080(G)
8.25R20	DUAL	KG	1480	1550	1610	1670	1750(E) 127	1820	1890	1950(F) 131	2010	2070	2120(G) 134
		LB	3270	3410	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)
	SINGLE	KG	1530	1610	1690	1760	1850(E) 129	1920	1990	2060(F) 133	2120	2180	2240(G) 136
		LB	3370	3560	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)
9.00R20	DUAL	KG	1750(D) 127	1830	1910	2000(E) 132	2080	2160	2240(F) 136	2300	2360	2430(G) 139	
		LB	3860(D)	4045	4230	4410(E)	4595	4760	4940(F)	5080	5220	5355(G)	
	SINGLE	KG	1850(D) 129	1940	2030	2120(F) 134	2200	2280	2360 138	2430	2500	2575(G) 114	
		LB	4080(D)	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)	
10.00R15TR	DUAL	KG	1660	1740	1810	1870	1950(F) 131	2030	2110	2180(G) 135	2260	2340	2430(H) 139
		LB	3660	3830	3980	4130	4300(F)	4470	4640	4805(G)	4990	5175	5355(H)
	SINGLE	KG	1710	1810	1890	1980	2060(F) 133	2140	2220	2300(G) 137	2390	2480	2575(H) 141
		LB	3780	3980	4170	4370	4540(F)	4715	4890	5070(G)	5270	5470	5675(H)

Note: Letter in parentheses denote Load Range for which Bold Face loads are maximum. International Load Index numbers are shown after Load Range.
Important: Always use approved tire and rim combinations for diameters and contours.

TECHNICAL DATA

LOAD INDEX & EQUIVALENT LOADS

LOAD INDEX	LOAD (LB)*	LOAD INDEX	LOAD (LB)*	LOAD INDEX	LOAD (LB)*	LOAD INDEX	LOAD (LB)*
74	827	98	1653	122	3307	146	6614
75	853	99	1709	123	3417	147	6779
76	882	100	1764	124	3527	148	6944
77	908	101	1819	125	3638	149	7165
78	937	102	1874	126	3748	150	7385
79	963	103	1929	127	3858	151	7605
80	992	104	1984	128	3968	152	7827
81	1019	105	2039	129	4079	153	8047
82	1047	106	2094	130	1489	154	8268
83	1074	107	2149	131	4299	155	8543
84	1102	108	2205	132	4409	156	8819
85	1135	109	2271	133	4541	157	9094
86	1168	110	2337	134	4674	158	9370
87	1201	111	2403	135	4806	159	9645
88	1235	112	2469	136	4938	160	9921
89	1279	113	2535	137	5071	161	10196
90	1323	114	2601	138	5203	162	10472
91	1356	115	2679	139	5357	163	10748
92	1389	116	2756	140	5512	164	11023
93	1433	117	2833	141	5677	165	11255
94	1477	118	2910	142	5842	166	11684
95	1521	119	2998	143	6008	167	12015
96	1565	120	3088	144	6173	168	12346
97	1609	121	3197	145	6393	169	12787

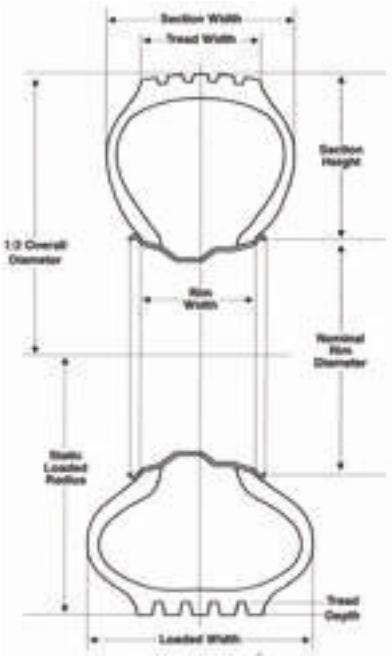
*One pound is equal to .4536 kg.

MAXIMUM LOAD & INFLATION TABLE

TIRE SIZE	PLY RATING	SINGLE LOAD CAPACITY	SINGLE MAX INFLATION	DUAL LOAD CAPACITY	DUAL MAX INFLATION
215/75R17.5	16(H)	4805	125	4540	125
8R19.5	12(F)	3500	110	3070	100
225/70R19.5	12(F)	3640	95	3415	95
245/70R19.5*	16(H)	5675	125	5510	125
265/75R19.5	16(H)	6010	125	5670	125
9.00R20	14(G)	5670	115	4970	105
9.00R20	16(H)	6215	130	5420	120
10.00R20	14(G)	6040	105	5300	95
10.00R20	16(H)	6610	120	5800	110
11.00R20	16(H)	7200	120	6320	110
12.00R20	18(J)	8210	120	7200	110
10R22.5*	14(G)	5670	115	4970	105
11R22.5*	14(G)	6040	105	5300	95
11R22.5*	16(H)	6610	120	5800	110
12R22.5*	16(H)	7200	120	6320	110
13R22.5	18(J)	8267	123	7385	123
255/70R22.5	16(H)	5510	115	5070	115
275/70R22.5	16(H)	6930	131	6380	131
295/75R22.5	14(G)	6175	110	5675	110
295/80R22.5	16(H)	7830	120	6940	120
315/80R22.5	18(J)	8265	115	7385	115
315/80R22.5*	20(K)	9000	130	8190	130
315/80R22.5	22(65MPH)	10000	130	9090	130
385/65R22.5	18(J)	9910	130	N/A	N/A
425/65R22.5	20(L)	11350	120	N/A	N/A
445/65R22.5	20(L)	12300	120	N/A	N/A
12.00R24	18(J)	9370	120	8540	110
12.00R24	20(L)	9920	120	8820	120
11R24.5*	14(G)	6430	105	5640	95
11R24.5*	16(H)	7200	120	6320	110
285/75R24.5	14(G)	6175	110	5675	100
10R17.5	16(H)	4675	110	4410	110
235/75R17.5	16 (H)	6010	125	5680	125

*Denotes certain patterns with different max load/max pressure values.
Check data book for exact amounts.

TRUCK TIRE DIMENSIONS



Aspect Ratio = Section Height ÷ Section Width

Note: All dimensions measured following a 24-hour infation period.

Overall Diameter
The measurement of the distance of an unladen tire from tread surface to tread surface on opposite sides of the tire.

Section Width
Measurement of the cross section of an unladen tire across the casing only; not including ribs or protrusions.

Tread Width
Distance across the tread face of an unladen tire.

Tread Depth
Distance from tread surface to major groove base at designated measuring point.

Section Height
Distance from the bead seat to the tread surface of an unladen tire.

Rim Width
Distance between the rim fanges.

Nominal Rim Diameter
Diameter of the rim from bead seat to bead seat in inches.

Static Loaded Radius
Distance from the center of the axle to the ground of a loaded tire under maximum dual load and infation as stamped on the sidewall of the tire.

Revolutions Per Mile (RPM)
The number of tire revolutions in one mile, measured at 55 mph maximum dual load and infation (as stamped on the tire's sidewall).

SPEED SYMBOLS

SPEED SYMBOL	SPEED (KM/H)	SPEED (MPH)	SPEED SYMBOL	SPEED (KM/H)	SPEED (MPH)
A1	5	3	K	110	68
A2	10	6	L	120	75
A3	15	9	M	130	81
A4	20	12	N	140	87
A5	25	16	P	150	94
A6	30	19	Q	160	100
A7	35	22	R	170	106
A8	40	25	S	180	112
B	50	31	T	190	118
C	60	37	U	200	124
D	65	40	H	210	130
E	70	43	V	240	149
F	80	50	W	270	168
G	90	56	Y	300	186
J	100	62		Above 300	Above 186

ZR

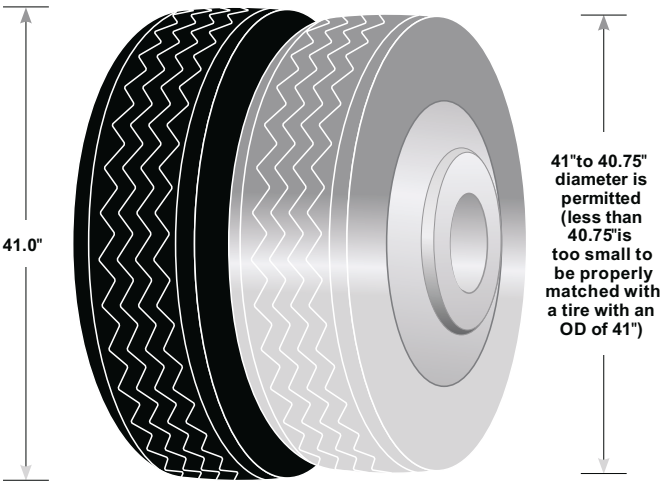
DUAL MATCHING AND SPACING

DUAL MATCHING

When putting tires in dual assemblies, tires should be matched with design and dimensional tolerances in mind. Bias ply tires should not be matched with radials, and tires with a difference of ¼" should not be matched together. Also do not use different rim widths in dual applications.

Mismatched tires may result in mechanical problems, rapid air loss, abnormal/irregular wear, and premature tire failure. When improperly matched, one tire will work harder than another which may also lead to sudden air loss.

DUAL MATCHING LIMITS		
TIRE CONSTRUCTION	DIAMETER	CIRCUMFERENCE
Radial	0 to ¼"	0 to ¾"



Tires within ¼" diameter are permitted. Diameters greater than ¼" is too great to be properly matched.

Each ½' OD = 1.56 " of difference in circumference.

MEDIUM TRUCK APPROVED RIM WIDTH & MINIMUM DUAL SPACING

TIRE SIZE	APPROVED RIM WIDTH	MINIMUM DUAL SPACING*
TUBE-TYPE		
11.00R24	8.5, 8.50VM, **8.0**, 7.5	13.2
12.00	9.0, 8.5, 8.50 VM 8.0	14.1
TUBELESS		
9R17.5HC	**6.75HC**	10.3
215/75R17.5	**6.00HC**, 6.75HC	9.3
245/70R17.5	**6.75**, 7.50	10.6
8R19.5	5.25, **6.00**, 6.00RW, 6.75, 6.75R	9.1
9R22.5	6.00, **6.75**, 7.5	10.3
10R22.5	6.75, **7.50**, 8.25	11.4
11R22.5	7.50, **8.25**	12.5
12R22.5	8.25, **9.00**	13.5
225/70R19.5	6.00, 6.00RW, **6.75,** 6.75 RW	10.0
245/70R19.5	6.75, 6.75RW, **7.50**, 7.50RW	11.0
265/70R19.5	**7.50**, 7.50RW, 8.25, 8.25RW	11.6
285/70R19.5	7.50, **8.25**, 9.00	12.5
305/70R19.5	**9.00**, 8.25, 8.25RW	13.5
445/65R19.5	**13.00**, 14.00	N/A
245/75R22.5	6.75, **7.50**	11.0
255/70R22.5	**7.50**, 8.25	11.3
265/75R22.5	**7.50**, 8.25	11.6
275/70R22.5	7.50, **8.25**, 9.00	12.2
295/80R22.5	8.25, **9.00**	13.2
295/75R22.5	8.25, **9.00**	13.2
315/80R22.5†	8.25, 9.00, 9.75	13.8
385/65R22.5	**11.75**, 12.25	N/A
425/65R22.5	11.75, **12.25**, 13.00	N/A
445/50R22.5	**14.00**	N/A
445/65R22.5	**13.00**, 12.25, 14.00	N/A
11R24.5	7.50, **8.25**	12.5
12R24.5	8.25, **9.00**	13.5
285/75R24.5	**8.25**	12.5

The listed Minimum Dual Spacing is for the rim which the tire was specifcally designed for. If a different rim is being used, the Minimum Dual Spacing must be adjusted as follows: Overall widths and new tire section widths will be changed 0.10" for each 0.25" change in rim width. Use only alternate rims when the recommended rims cannot be used.

An 8.25-rim may be used if the tire load is limited to 8,000 lb single and 7,610 lb dual @120 psi. For an 8.25-rim the Minimum Dual Spacing is 13.2". Never exceed manufacturer's recommended maximum load and infation.

Design Rim Width shown in boldface type

* Minimum Dual Spacing is listed for the design rim width. If design rim not used Minimum Dual Spacing must be adjusted per note 1 (below) for other rim widths.

† 8.25-rim may be used if tire load is limited to 8,000 lb single and 7,610 lb dual @ 120 psi. The minimum dual spacing for 8.25-rim is 13.2". Do not exceed manufacturer's recommended maximum load and infation.

Notes:

- New tire section widths and overall widths will change 0.10-inches for each 0.25-inch change in rim width.
- Use alternate rims only when recommended rims cannot be used.
- Do not use different rim widths in dual applications.

DOUBLE COIN

LOAD INFLATION CHART

TIRE SIZE			TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)										
	KPA		480	520	550	590	620	660	690	720	760	790	830
	PSI		70	75	80	85	90	95	100	105	110	115	120
10.00R20	DUAL	KG	1990	2080	2160	2550	2360(F) 138	2460	2560	2650(G) 142	2680	2710	2725(H) 143
		LB	4380	4580	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)
	SINGLE	KG	2050	2160	2260	2370	2500(F) 140	2600	2700	2800(G) 144	2870	2940	3000(H) 146
		LB	4530	4770	4990	5220	5510(F)	5730	5950	6175(G)	6320	6465	6610(H)
11.00R20	DUAL	KG	2170	2260	2350	2440	2575(F) 141	2630	2680	2725(G) 143	2840	2960	3075(H) 147
		LB	4780	4990	5190	5390	5675(F)	5785	5895	6005(G)	6265	6525	6780(H)
	SINGLE	KG	2240	2360	2470	2580	2725(F) 143	2820	2910	3000(G) 146	3120	3240	3350(H) 150
		LB	4940	5200	5450	5690	6005(F)	6205	6405	6610(G)	6870	7130	7390(H)
12.00R20	DUAL	KG	2470	2580	2680	2790	2880	3000(G) 146	3080	3160	3250(H) 140	3350	3450(J) 151
		LB	5440	5680	5910	6140	6360	6610(G)	6790	6970	7160(H)	7390	7610(J)
	SINGLE	KG	2550	2690	2810	2940	3060	3250(G) 149	3350	3450	3550(H) 152	3650	3750(J) 154
		LB	5620	5920	6200	6480	6740	7160(G)	7380	7600	7830(H)	8050	8270(J)
12.00R24	DUAL	KG	2780	2860	3020	3140	3250	3350(G) 150	3450	3550	3650(H) 153	3760	3875(J) 155
		LB	6120	6390	6650	6910	7160	7390(G)	7610	7830	8050(H)	8300	8540(J)
	SINGLE	KG	2870	3020	3170	3300	3440	3650(G) 153	3770	3890	4000(H) 156	4130	4250(J) 158
		LB	6330	6660	6980	7280	7580	8050(G)	8310	8570	8820(H)	9100	9370(J)

TIRE SIZE			TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)										
	KPA		480	520	550	590	620	660	690	720	760	790	830
	PSI		70	75	80	85	90	95	100	105	110	115	120
295/75R22.5	DUAL	KG	1860	1950	2060	2130	2220	2300(F) 137	2390	2470	2575(G) 141	2630	2725(H) 143
		LB	4095	4300	4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)
	SINGLE	KG	2040	2140	2240	2340	2440	2500(F) 140	2620	2710	2800(G) 144	2890	3000(H) 146
		LB	4500	4725	4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)

TIRE SIZE			TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)											
	KPA		520	550	590	620	660	690	720	760	790	830	860	900
	PSI		75	80	85	90	95	100	105	110	115	120	125	130
275/70R22.5	DUAL	KG			2202	2305	2407	2505	2605	2705	2802	2900	2998	3099(H) 145
		LB			4855	5080	5305	5525	5745	5965	6180	6395	6610	6825(H)
	SINGLE	KG			2240	2345	2450	2550	2655	2755	2855	2955	3055	3150(H) 148
		LB			4940	5170	5400	5625	5850	6070	6290	6510	6730	6940(H)
315/80R22.5	DUAL	KG	2420	2575	2650	2750	2900(G) 145	2970	3070	3150(H) 148	3270	3450(J) 151	3590	3750(L) 154
		LB	5345	5675	5840	6070	6395(G)	6545	6770	6940(H)	7210	7610(J)	7910	8270(L)
	SINGLE	KG	2660	2800	2910	3030	3150(G) 148	3260	3370	3450(H) 151	3590	3750(J) 154	3940	4125(L) 157
		LB	5875	6175	6415	6670	6940(G)	7190	7440	7610(H)	7920	8270(J)	8690	9090(L)
285/75R24.5	DUAL	KG	1970	2060	2150	2240	2360(F) 138	2410	2490	2575(G) 141	2660	2800(H) 144		
		LB	4340	4540	4740	4930	5205(F)	5310	5495	5675(G)	5860	6175(H)		
	SINGLE	KG	2160	2240	2360	2460	2575(F) 141	2650	2740	2800(G) 144	2920	3075(H) 147		
		LB	4770	4940	5210	5450	5675(F)	5835	6040	6175(G)	6440	6780(H)		

Note: Letter in parentheses denote Load Range for which Bold Face loads are maximum. International Load Index numbers are shown after Load Range.
Important: Always use approved tire and rim combinations for diameters and contours.

DOUBLE COIN

LOAD INFLATION CHART

TIRE SIZE	TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)													
	KPA		450	480	520	550	590	620	660	690	720	760	790	830
	PSI		65	70	75	80	85	90	95	100	105	110	115	120
225/70R19.5	DUAL	KG	1180(D) 114	1230	1300	1360(E) 119	1410	1470	1550(F) 123	1580	1640	1700(G) 126		
		LB	2600(D)	2720	2860	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)		
	SINGLE	KG	1250(D) 116	1310	1380	1450(E) 121	1500	1570	1650(F) 125	1690	1740	1800(G) 128		
		LB	2755(D)	2895	3040	3195(E)	3315	3450	3640(F)	3715	3845	3970(G)		
245/70R19.5	DUAL	KG	1320	1390	1460	1550	1590	1660	1750(F) 127	1790	1850	1950(G) 131	1970	2060(H) 133
		LB	2910	3070	3220	3415	3515	3655	3860(F)	3940	4075	4300(G)	4345	4540 (H)
	SINGLE	KG	1400	1480	1550	1650	1700	1770	1850(F) 129	1900	1970	2060(G) 133	2095	2180(H) 135
		LB	3085	3265	3425	3640	3740	3890	4080(F)	4190	4335	4540(G)	4620	4805(H)
265/70R19.5	DUAL	KG	1450	1560	1640	1700	1780	1860	1950	2000	2000	2120(G) 134		
		LB	3195	3430	3600	3750	3930	4095	4300	4405	4415	4675(G)		
	SINGLE	KG	1550	1660	1740	1800	1900	1970	2060	2130	2200	2300(G) 137		
		LB	3415	3650	3830	3970	4180	4355	4540	4685	4850	5070(G)		
445/50R22.5	SINGLE	KG	2800	2980	3150	3320	3480	3640	3810	3970	4120	4250(J) 158	4430	4625(L) 161
		LB	6175	6570	6940	7310	7680	8030	8390	8740	9090	9370(J)	9780	10200(L)
385/65R22.5	SINGLE	KG	2750	2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250(J) 158
		LB	6060	6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370(J)
425/65R22.5	SINGLE	KG	3270	3430	3640	3750	3980	4130	4250	4440	4580	4750(J) 162	4880	5150(L) 165
		LB	7210	7590	7990	8270	8740	9100	9370	9790	10100	10500(J)	10700	11400(L)
445/65R22.5	SINGLE	KG	3540	3720	3950	4125	4320	4470	4620(H) 161	4820	4960	5150	5290	5600(L) 168
		LB	7800	8230	8660	9090	9480	9870	10200(H)	10600	11000	11400	11700	12300(L)
255/70R22.5	DUAL	KG	1550	1630	1710	1800	1860	1940	2000	2020	2090	2120(G) 134	2230	2300(H) 137
		LB	3415	3585	3765	3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)
	SINGLE	KG	1650	1730	1820	1900	1980	2060	2120	2220	2300	2360(G) 138	2450	2500(H) 140
		LB	3640	3815	4005	4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)

TIRE SIZE	TIRE LOAD LIMITS (KG/LB) AT VARIOUS COLD INFLATION PRESSURES (KPA/PSI)												
	KPA		590	620	660	690	720	760	790	830	860	900	930
	PSI		85	90	95	100	105	110	115	120	125	130	135
8R17.5HC	DUAL	KG	1160	1200	1250(E) 116	1300	1350	1400(F) 120					
		LB	2550	2640	2755(E)	2865	2975	3085(F)					
	SINGLE	KG	1220	1270	1320(E) 118	1380	1440	1500(F) 122					
		LB	2690	2800	2910(E)	3040	3170	3305(F)					
10R17.5HC	DUAL	KG	1650(E) 125	1720	1790	1850(F) 129	1920	1990	2060(G) 133				
		LB	3640(E)	3785	3930	4080(F)	4235	4390	4540(G)				
	SINGLE	KG	1750(E) 127	1820	1890	1950(F) 131	2030	2110	2180(G) 135				
		LB	3860(E)	4005	4150	4300(F)	4470	4640	4805(G)				

Note: Letter in parentheses denote Load Range for which Bold Face loads are maximum. International Load Index numbers are shown after Load Range.
Important: Always use approved tire and rim combinations for diameters and contours.

STATIC AND LOW SPEED LOAD AND PRESSURE COEFFICIENTS

TRA (THE TIRE AND RIM ASSOCIATION, INC.) STANDARDS

These tables apply to tires only. Consult wheel manufacturer for wheel load and infation capacities.

Do not exceed loads or pressure limits of the wheel without permission of the component manufacturer. Exceeding the legal speed limit is neither recommended nor endorsed.

LOAD LIMITS AT VARIOUS SPEEDS FOR RADIAL PLY TRUCK-BUS TIRES USED ON IMPROVED SURFACES. (1)

METRIC AND WIDE BASE TIRES

The service load and minimum (cold) infation must comply with the following limitations unless a speed restriction is indicated on the tire.*

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+7%	NO INCREASE
31 THRU 40	+9%	NO INCREASE
21 THRU 30	+12%	+10 PSI
11 THRU 20	+17%	+15 PSI
6 THRU 10	+25%	+20 PSI
2.6 THRU 5	+45%	+20 PSI
CREEP THRU 2.5	+55%	+20 PSI
CREEP(2)	+75%	+30 PSI
STATIONARY	+105%	+30 PSI

CONVENTIONAL TIRES

The service load and minimum (cold) infation must comply with the following limitations unless a speed restriction is indicated on the tire.*

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+9%	NO INCREASE
31 THRU 40	+16%	NO INCREASE
21 THRU 30	+24%	+10 PSI
11 THRU 20	+32%	+15 PSI
6 THRU 10(2)	+60%	+30 PSI
2.6 THRU 5(2)	+85%	+30 PSI
CREEP THRU 2.5(2)	+115%	+30 PSI
CREEP(2) (3)	+140%	+40 PSI
STATIONARY(2)	+185%	+40 PSI

LOAD LIMITS AT VARIOUS SPEEDS FOR RADIAL PLY TRUCK-BUS TIRES, RATED AT 75 MPH OR ABOVE, USED ON IMPROVED SURFACES. (1)

METRIC AND WIDE BASE TIRES

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+7%	NO INCREASE
31 THRU 40	+9%	NO INCREASE
21 THRU 30	+12%	+10 PSI
11 THRU 20	+17%	+15 PSI
6 THRU 10	+25%	+20 PSI
2.6 THRU 5	+45%	+20 PSI
CREEP THRU 2.5	+55%	+20 PSI
CREEP(2)	+75%	+30 PSI
STATIONARY	+105%	+30 PSI

CONVENTIONAL TIRES

SPEED RANGE (MPH)	% LOAD CHANGE	INFLATION PRESSURE CHANGE
41 THRU 50	+9%	NO INCREASE
31 THRU 40	+16%	NO INCREASE
21 THRU 30	+24%	+10 PSI
11 THRU 20	+32%	+15 PSI
6 THRU 10(3)	+60%	+30 PSI
2.6 THRU 5(3)	+85%	+30 PSI
CREEP THRU 2.5(3)	+115%	+30 PSI
CREEP(2) (3)	+140%	+40 PSI
STATIONARY(3)	+185%	+40 PSI

* Exceeding the legal speed limit is neither recommended or endorsed.

(1) These loadand infation changes are only required when exceeding the tire manufacturer's rated speed for the tire.

(2) Apply these increases to Dual Loads and Infation Pressures.

(3) Creep–Motion for not over 200 feet in a 30-minute period.

Note 1: For bias ply tires please consult the TRA Year Book.

Note 2: The infation pressures shown in the referenced table sare minimum cold pressures for the various loads listed. Higher pressures should be used as follows:

A. When required by the above speed/load table.

B. When higher pressures are desirable to obtain improved operating performance.

For speeds above 20 mph, the combined increases of A and B should not exceed 20 psi above the infation specifed for the maximum load of the tire.

Note 3: Load limits at various speeds for:

Tires used in highway service at restricted speed. Mining and logging tires used in intermittent highway service.

Double Coin Holdings Tire Research Institute offers continuous support to users:

- **Advanced engineering practices on-site**
- **Product development infuenced by DCH Finite Element Analysis (FEA)**
- **On-going testing on products and components to insure quality**
- **Rolling resistance analytics**
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