

SECTION X: CHART FOR PROPERLY MATCHING TRUCK TIRES TO RIMS/WHEELS

Information obtained from The 2007 Tire and Rim Association Yearbook.

TIRE SIZE ⁽¹⁾	APPROVED RIM CONTOURS ⁽²⁾
LIGHT TRUCKS	
6.50 ★ 16LT	4½K, 4.50E, 5K, 6K, 6L
7.50 ★ 16LT	5.50F (SDC), 6K, 6L, 6½L, 7L
LT225/75 ★ 16	6J, 6½J, 6K, 6½K, 6½L, 7J, 7K, 7L
LT245/75 ★ 16	6½J, 6½K, 6½L, 7J, 7K, 7L, 7½J, 8J
LT265/75 ★ 16	7J, 7K, 7L, 7½J, 8J, 8L
LT285/75 ★ 16	7½J, 8J, 8L, 8LB, 8KB, 8½J, 9J
LT215/85 ★ 16	5½J, 5½K, 5.50F (SDC), 6J, 6K, 6½J, 6½L, 7J, 7K, 7L
LT235/85 ★ 16	6J, 6K, 6L, 6½J, 6½L, 7J, 7K, 7L
LT255/85 ★ 16	6½J, 6½L, 7KB, 7J, 7K, 7L, 8J, 8KB, 8L, 8LB
LT235/70 ★ 16	6J, 6K, 6L, 6½J, 6½K, 6½L, 7J, 7K, 7KB, 7L, 7½J
LT255/70 ★ 16	6½J, 6½K, 6½L, 7J, 7K, 7KB, 7L, 7½J, 8J, 8KB, 8L, 8LB, 8½J
LT275/70 ★ 16	7J, 7K, 7KB, 7L, 7½J, 8J, 8KB, 8L, 8LB, 8½J, 9J
8.00 ★ 16.5	6.00, 6.75
8.75 ★ 16.5	6.00, 6.75
9.50 ★ 16.5	6.75, 8.25
LOW PLATFORM TRAILERS	
7.50 ★ 15TR	6.0, 6.5
8.25 ★ 15TR	6.5, 7.0
9.00 ★ 15TR	7.0, 7.5
10.00 ★ 15TR	7.5, 8.0
11.00 ★ 15TR	8.0, 8.5
8R17.5HC	6.00HC
9R17.5HC	6.75HC
215/75R 17.5HC	6.00HC, 6.75HC
10R17.5HC	6.75HC, 7.50HC
11R17.5HC	8.25HC

(1) A ★ denotes both radial and bias tires.
An R indicates radial tires only.

(2) SDC denotes semi-drop center rims.

Note: For tire sizes not shown, consult the Tire Manufacturer for approved rim contours.

TIRE SIZE ⁽¹⁾	APPROVED RIM CONTOURS ⁽²⁾
MEDIUM AND HEAVY DUTY TRUCKS	
7.50 ★ 20	5.5, 6.0, 6.5
8.25 ★ 20	6.0, 6.5, 7.0
9.00 ★ 20	6.5, 7.0, 7.5
10.00 ★ 20	7.0, 7.5, 8.0
11.00 ★ 20	7.5, 8.0, 8.5
12.00 ★ 20	8.0, 8.5, 8.50VM, 9.0
13.00 ★ 20	9.0, 10.00W
14.00 ★ 20	10.0, 10.00W
10.00 ★ 22	7.0, 7.5, 8.0
11.00 ★ 22	7.5, 8.0, 8.5
11.00 ★ 24	7.5, 8.0, 8.5
12.00 ★ 24	8.0, 8.5, 9.0
14.00 ★ 24	10.0
8 ★ 19.5	5.25, 6.00, 6.00RW, 6.75, 6.75RW
225/70R 19.5	6.00, 6.00RW, 6.75, 6.75RW
245/70R 19.5	6.75, 6.75RW, 7.50, 7.50RW
265/70R 19.5	7.50, 7.50RW, 8.25, 8.25RW
305/70R 19.5	8.25, 8.25RW, 9.00
8 ★ 22.5	5.25, 6.00, 6.75
9 ★ 22.5	6.00, 6.75, 7.50
10 ★ 22.5	6.75, 7.50
235/80R 22.5	6.75, 7.50
245/75R 22.5	6.75, 7.50
255/70R 22.5	7.50, 8.25
265/75 ★ 22.5	7.50, 8.25
11 ★ 22.5	7.50, 8.25
275/80R 22.5	7.50, 8.25
295/75 ★ 22.5	8.25, 9.00
305/70R 22.5	8.25, 9.00
12 ★ 22.5	8.25, 9.00
12.5 ★ 22.5	8.25, 9.00
12.75 ★ 22.5	8.25, 9.00
315/80R22.5	8.25, 9.00, 9.75
11 ★ 24.5	7.50, 8.25
275/80R 22.5	7.50, 8.25
12 ★ 24.5	8.25, 9.00
285/75 ★ 24.5	8.25
WIDE BASE (DUPLEX®)	
15 ★ 19.5	11.75, 12.25
16.5 ★ 19.5	12.25, 13.00
18 ★ 19.5	13.00, 14.00
15 ★ 22.5	11.75, 12.25
385/65R 22.5	11.75, 12.25
16.5 ★ 22.5	12.25, 13.00
425/65R 22.5	11.75, 12.25, 13.00
445/65R 22.5	12.25, 13.00, 14.00
18 ★ 22.5	13.00, 14.00

⚠ WARNING: Failure to properly match tire and rim/wheel sizes is dangerous. Mounting a smaller diameter tire on a larger diameter rim/wheel (for example, mounting a 16 inch tire on a 16.5 inch rim/wheel) can result in breaking the tire bead during mounting or airing. The tire may then explode during inflation. The explosion can hurl the tire and wheel into the air striking you or a bystander. Be sure the diameter shown on the tire exactly matches the diameter stamped on the rim/wheel.

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