

light vans and trucks



| load bearing bar size | Load bearing bars at 40mm centres permissible loads (tonnes) for light van wheels with contact area of 220mm x 220mm | | | | | | | | | | | | | Self Colour Weights per square metre (kgs) | Binding Bar Weight (based on 2 x 1m) (kgs) |
|--------------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | clear span (mm) | | | | | | | | | | | | | | |
| | 300 | 450 | 600 | 750 | 900 | 1050 | 1200 | 1350 | 1500 | 1650 | 1800 | 1950 | 2100 | | |
| 40 x 6 | 3.20 | 1.79 | 1.24 | 0.95 | 0.77 | 0.65 | 0.56 | 0.49 | 0.42 | 0.35 | 0.29 | 0.25 | 0.21 | 50.50 | 3.760 |
| 50 x 6 | 5.00 | 2.80 | 1.94 | 1.49 | 1.20 | 1.01 | 0.87 | 0.77 | 0.68 | 0.62 | 0.56 | 0.49 | 0.40 | 62.98 | 4.720 |
| 60 x 6 | 7.20 | 4.03 | 2.79 | 2.14 | 1.73 | 1.46 | 1.26 | 1.10 | 0.99 | 0.89 | 0.81 | 0.74 | 0.69 | 75.20 | 5.660 |
| 70 x 6 | 9.80 | 5.48 | 3.80 | 2.91 | 2.36 | 1.99 | 1.71 | 1.50 | 1.34 | 1.21 | 1.10 | 1.01 | 0.94 | 87.42 | 6.600 |
| 75 x 6 | 11.3 | 6.29 | 4.36 | 3.34 | 2.71 | 2.28 | 1.96 | 1.73 | 1.54 | 1.39 | 1.27 | 1.16 | 1.08 | 93.27 | 7.060 |
| 80 x 6 | 12.8 | 7.16 | 4.97 | 3.80 | 3.08 | 2.59 | 2.23 | 1.96 | 1.75 | 1.58 | 1.44 | 1.32 | 1.22 | 99.64 | 7.540 |
| 90 x 6 | 16.2 | 9.06 | 6.28 | 4.81 | 3.90 | 3.28 | 2.83 | 2.48 | 2.22 | 2.00 | 1.82 | 1.67 | 1.55 | 111.00 | 8.480 |
| 100 x 6 | 20.0 | 11.2 | 7.76 | 5.94 | 4.81 | 4.04 | 3.49 | 3.07 | 2.74 | 2.47 | 2.25 | 2.07 | 1.91 | 124.08 | 9.420 |

| load bearing bar size | Table to show maximum wheel loads (tonnes) Load bearing bars at 40mm centres permissible loads (tonnes) for light van wheels with contact area of 220mm x 220mm | | | | | | | | | | | | | Self Colour Weights per square metre (kgs) | Binding Bar Weight (based on 2 x 1m) (kgs) |
|--------------------------|--|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| | clear span (mm) | | | | | | | | | | | | | | |
| | 300 | 450 | 600 | 750 | 900 | 1050 | 1200 | 1350 | 1500 | 1650 | 1800 | 1950 | 2100 | | |
| 40 x 8 | 4.27 | 2.39 | 1.66 | 1.27 | 1.03 | 0.86 | 0.74 | 0.65 | 0.57 | 0.47 | 0.39 | 0.33 | 0.27 | 67.90 | 5.020 |
| 50 x 8 | 6.67 | 3.73 | 2.59 | 1.98 | 1.60 | 1.35 | 1.16 | 1.02 | 0.91 | 0.82 | 0.75 | 0.65 | 0.53 | 83.26 | 6.280 |
| 60 x 8 | 9.60 | 5.37 | 3.72 | 2.85 | 2.31 | 1.94 | 1.67 | 1.47 | 1.31 | 1.19 | 1.08 | 0.99 | 0.92 | 99.64 | 7.540 |
| 70 x 8 | 13.1 | 7.31 | 5.07 | 3.88 | 3.14 | 2.64 | 2.28 | 2.00 | 1.79 | 1.61 | 1.47 | 1.35 | 1.25 | 116.02 | 8.800 |
| 75 x 8 | 15.0 | 8.39 | 5.82 | 4.46 | 3.61 | 3.03 | 2.62 | 2.30 | 2.05 | 1.85 | 1.69 | 1.55 | 1.43 | 124.08 | 9.420 |
| 80 x 8 | 17.1 | 9.54 | 6.62 | 5.07 | 4.11 | 3.45 | 2.98 | 2.62 | 2.33 | 2.11 | 1.92 | 1.76 | 1.63 | 132.14 | 10.04 |
| 90 x 8 | 21.6 | 12.1 | 8.38 | 6.42 | 5.20 | 4.37 | 3.77 | 3.31 | 2.95 | 2.67 | 2.43 | 2.23 | 2.06 | 148.52 | 11.30 |
| 100 x 8 | 26.7 | 14.9 | 10.3 | 7.92 | 6.42 | 5.39 | 4.65 | 4.09 | 3.65 | 3.29 | 3.00 | 2.76 | 2.55 | 164.90 | 12.56 |

HGV non-driving wheels



| load bearing bar size | Load bearing bars at 40mm centres permissible loads (tonnes) for large truck double wheel base with contact area of 220mm x 220mm | | | | | | | | | | | | | Self Colour Weights per square metre (kgs) | Binding Bar Weight (based on 2 x 1m) (kgs) |
|--------------------------|--|-------|-------|------|------|------|------|------|------|------|------|------|------|--|--|
| | clear span (mm) | | | | | | | | | | | | | | |
| | 300 | 450 | 600 | 750 | 900 | 1050 | 1200 | 1350 | 1500 | 1650 | 1800 | 1950 | 2100 | | |
| 40 x 10 | 5.34 | 2.98 | 2.07 | 1.58 | 1.28 | 1.08 | 0.93 | 0.82 | 0.71 | 0.58 | 0.49 | 0.42 | 0.34 | 83.60 | 6.280 |
| 50 x 10 | 8.34 | 4.66 | 3.23 | 2.48 | 2.01 | 1.69 | 1.45 | 1.28 | 1.14 | 1.03 | 0.94 | 0.81 | 0.67 | 103.80 | 7.860 |
| 60 x 10 | 12.01 | 6.71 | 4.66 | 3.56 | 2.89 | 2.43 | 2.09 | 1.84 | 1.64 | 1.48 | 1.35 | 1.24 | 1.15 | 124.08 | 9.420 |
| 70 x 10 | 16.34 | 9.13 | 6.34 | 4.85 | 3.93 | 3.30 | 2.85 | 2.50 | 2.23 | 2.02 | 1.84 | 1.69 | 1.56 | 144.62 | 11.00 |
| 75 x 10 | 18.76 | 10.48 | 7.27 | 5.57 | 4.51 | 3.79 | 3.27 | 2.87 | 2.56 | 2.31 | 2.11 | 1.94 | 1.79 | 155.02 | 11.80 |
| 80 x 10 | 21.34 | 11.93 | 8.28 | 6.34 | 5.13 | 4.31 | 3.72 | 3.27 | 2.92 | 2.63 | 2.40 | 2.20 | 2.04 | 164.90 | 12.56 |
| 90 x 10 | 27.01 | 15.09 | 10.47 | 8.02 | 6.50 | 5.46 | 4.71 | 4.14 | 3.69 | 3.33 | 3.04 | 2.79 | 2.58 | 185.44 | 14.14 |
| 100 x 10 | 33.35 | 18.64 | 12.93 | 9.90 | 8.02 | 6.74 | 5.81 | 5.11 | 4.56 | 4.11 | 3.75 | 3.44 | 3.18 | 205.72 | 15.70 |