

**MILLIMETRES TO INCHES**

(based on 1 Inch = 2.54 Millimetres)

| Millimetres | Inches  | Millimetres | Inches  | Millimetres | Inches  | Millimetres | Inches  |
|-------------|---------|-------------|---------|-------------|---------|-------------|---------|
| .1          | 0.00393 | 7.25        | 0.28543 | 39          | 1.53543 | 76          | 2.99213 |
| .2          | 0.00787 | 7.50        | 0.29527 | 40          | 1.57480 | 77          | 3.03150 |
| .25         | 0.00984 | 7.75        | 0.30511 | 41          | 1.61471 | 78          | 3.07087 |
| .3          | 0.01181 | 8.00        | 0.31496 | 42          | 1.65354 | 79          | 3.11024 |
| .4          | 0.01574 | 8.25        | 0.32480 | 43          | 1.69291 | 80          | 3.14961 |
| .5          | 0.01968 | 8.50        | 0.33464 | 44          | 1.73228 | 81          | 3.18898 |
| .6          | 0.02362 | 8.75        | 0.34448 | 45          | 1.77165 | 82          | 3.22835 |
| .7          | 0.02755 | 9.00        | 0.35433 | 46          | 1.81102 | 83          | 3.26772 |
| .75         | 0.02952 | 9.25        | 0.36417 | 47          | 1.85039 | 84          | 3.30709 |
| .8          | 0.03149 | 9.50        | 0.37401 | 48          | 1.88976 | 85          | 3.34646 |
| .9          | 0.03543 | 9.05        | 0.38385 | 49          | 1.92913 | 86          | 3.38583 |
| 1.0         | 0.03937 | 10          | 0.39370 | 50          | 1.96850 | 87          | 3.42520 |
| 1.25        | 0.04921 | 11          | 0.43307 | 51          | 2.00787 | 88          | 3.46457 |
| 1.50        | 0.05905 | 12          | 0.47244 | 52          | 2.04724 | 89          | 3.50394 |
| 1.75        | 0.06889 | 13          | 0.51181 | 53          | 2.08661 | 90          | 3.54331 |
| 2.00        | 0.07874 | 14          | 0.55118 | 54          | 2.12598 | 91          | 3.58268 |
| 2.25        | 0.08858 | 15          | 0.59055 | 55          | 2.16535 | 92          | 3.62205 |
| 2.50        | 0.09842 | 16          | 0.62992 | 56          | 2.20472 | 93          | 3.66142 |
| 2.75        | 0.10836 | 17          | 0.66929 | 57          | 2.24409 | 94          | 3.70079 |
| 3.00        | 0.11811 | 18          | 0.70866 | 58          | 2.28346 | 95          | 3.74016 |
| 3.25        | 0.12795 | 19          | 0.74803 | 59          | 2.32283 | 96          | 3.77953 |
| 3.50        | 0.13779 | 20          | 0.78740 | 60          | 2.36220 | 97          | 3.81890 |
| 3.75        | 0.14763 | 21          | 0.82677 | 61          | 2.40157 | 98          | 3.85827 |
| 4.00        | 0.15748 | 22          | 0.86614 | 62          | 2.44094 | 99          | 3.89764 |
| 4.25        | 0.16732 | 23          | 0.90551 | 63          | 2.48031 | 100         | 3.93701 |
| 4.50        | 0.17716 | 24          | 0.94488 | 64          | 2.51969 |             |         |
| 4.75        | 0.18700 | 25          | 0.98425 | 65          | 2.55906 |             |         |
| 5.00        | 0.19685 | 26          | 1.02362 | 66          | 2.59843 |             |         |
| 5.25        | 0.20669 | 27          | 1.06299 | 67          | 2.63780 |             |         |
| 5.50        | 0.21653 | 28          | 1.10236 | 68          | 2.67717 |             |         |
| 5.75        | 0.22637 | 29          | 1.14173 | 69          | 2.71654 |             |         |
| 6.02        | 0.23622 | 30          | 1.18110 | 70          | 2.75591 |             |         |
| 6.25        | 0.24606 | 31          | 1.22047 | 71          | 2.79528 |             |         |
| 6.50        | 0.25590 | 32          | 1.25984 | 72          | 2.83465 |             |         |
| 6.75        | 0.26574 | 33          | 1.22921 | 73          | 2.87402 |             |         |
| 7.00        | 0.27559 | 34          | 1.33858 | 74          | 2.91339 |             |         |
|             |         | 35          | 1.37795 | 75          | 2.95276 |             |         |
|             |         | 36          | 1.41732 |             |         |             |         |
|             |         | 37          | 1.45669 |             |         |             |         |
|             |         | 38          | 1.49606 |             |         |             |         |



**CONVERSION TABLES**

**MILLIMETRE – INCH**

**Interconversion Table**

| mm    | $\frac{\text{in}}{\text{mm}}$ | inch   | mm    | $\frac{\text{in}}{\text{mm}}$ | inch    | mm     | $\frac{\text{in}}{\text{mm}}$ | inch   | mm     | $\frac{\text{in}}{\text{mm}}$ | inch   |
|-------|-------------------------------|--------|-------|-------------------------------|---------|--------|-------------------------------|--------|--------|-------------------------------|--------|
| 25.4  | 1                             | .03837 | 406.4 | 16                            | .62992  | 787.4  | 31                            | 1.2205 | 1168.4 | 46                            | 1.8110 |
| 50.8  | 2                             | .07874 | 431.8 | 17                            | .66629  | 812.8  | 32                            | 1.2598 | 1193.8 | 47                            | 1.8504 |
| 76.2  | 3                             | .11811 | 457.2 | 18                            | .70866  | 838.2  | 33                            | 1.2992 | 1219.2 | 48                            | 1.8898 |
| 101.6 | 4                             | .15748 | 482.6 | 19                            | .74803  | 863.6  | 34                            | 1.3386 | 1244.6 | 49                            | 1.9291 |
| 127.0 | 5                             | .19685 | 508.0 | 20                            | .78740  | 889.0  | 35                            | 1.3779 | 1270.0 | 50                            | 1.9685 |
| 152.4 | 6                             | .23622 | 533.4 | 21                            | .82677  | 914.4  | 36                            | 1.4173 | 1397   | 55                            | 2.1653 |
| 177.8 | 7                             | .27559 | 558.8 | 22                            | .86614  | 939.8  | 37                            | 1.4567 | 1524   | 60                            | 2.3622 |
| 203.2 | 8                             | .31496 | 584.2 | 23                            | .90551  | 965.2  | 38                            | 1.4961 | 1651   | 65                            | 2.5590 |
| 228.6 | 9                             | .35433 | 609.6 | 24                            | .94488  | 990.6  | 39                            | 1.5354 | 1778   | 70                            | 2.7559 |
| 254.0 | 10                            | .39370 | 635.0 | 25                            | .98425  | 1016.0 | 40                            | 1.5748 | 1905   | 75                            | 2.9527 |
| 279.4 | 11                            | .43307 | 660.4 | 26                            | 1.02362 | 1041.4 | 41                            | 1.6142 | 2032   | 80                            | 3.1496 |
| 304.8 | 12                            | .47244 | 685.8 | 27                            | 1.06299 | 1066.8 | 42                            | 1.6535 | 2159   | 85                            | 3.3464 |
| 330.2 | 13                            | .51181 | 711.2 | 28                            | 1.10236 | 1092.2 | 43                            | 1.6929 | 2286   | 90                            | 3.5431 |
| 355.6 | 14                            | .55118 | 736.6 | 29                            | 1.14173 | 1117.6 | 44                            | 1.7323 | 2413   | 95                            | 3.7430 |
| 381.0 | 15                            | .59055 | 762.0 | 30                            | 1.18110 | 1143.0 | 45                            | 1.7716 | 2540   | 100                           | 3.9360 |

**METRE – FEET**

**Interconversion Table**

| Metre  | $\frac{\text{Ft}}{\text{m}}$ | Feet    | Metre   | $\frac{\text{Ft}}{\text{m}}$ | Feet    | Metre  | $\frac{\text{Ft}}{\text{m}}$ | Feet    |
|--------|------------------------------|---------|---------|------------------------------|---------|--------|------------------------------|---------|
| .3048  | 1                            | 3.2808  | 4.8786  | 16                           | 52.4933 | 16.764 | 55                           | 180.446 |
| .6096  | 2                            | 6.5617  | 5.1816  | 17                           | 55.7742 | 18.288 | 60                           | 196.850 |
| .9144  | 3                            | 9.8425  | 5.4864  | 18                           | 59.0550 | 19.812 | 65                           | 213.254 |
| 1.2192 | 4                            | 13.1233 | 5.7912  | 19                           | 62.3358 | 21.336 | 70                           | 229.658 |
| 1.5240 | 5                            | 16.4042 | 6.0960  | 20                           | 65.6167 | 22.860 | 75                           | 246.062 |
| 1.8288 | 6                            | 19.6850 | 6.4008  | 21                           | 68.8975 | 24.384 | 80                           | 262.467 |
| 2.1336 | 7                            | 22.9658 | 6.7056  | 22                           | 72.1783 | 25.908 | 85                           | 278.870 |
| 2.4384 | 8                            | 26.2467 | 7.0104  | 23                           | 75.4592 | 27.432 | 90                           | 295.275 |
| 2.7432 | 9                            | 29.5275 | 7.3152  | 24                           | 78.7400 | 28.956 | 95                           | 311.679 |
| 3.0481 | 10                           | 32.8082 | 7.6200  | 25                           | 82.0208 | 30.480 | 100                          | 328.083 |
| 3.3528 | 11                           | 36.0892 | 9.1440  | 30                           | 98.4250 | 60.960 | 200                          | 656.168 |
| 3.6576 | 12                           | 39.3700 | 10.6680 | 35                           | 114.829 | 91.446 | 300                          | 984.250 |
| 3.9624 | 13                           | 42.6508 | 12.1920 | 40                           | 131.233 | 121.92 | 400                          | 1312.32 |
| 4.2672 | 14                           | 45.9317 | 13.7160 | 45                           | 147.637 | 152.40 | 500                          | 1640.42 |
| 4.5720 | 15                           | 49.2125 | 15.2400 | 50                           | 164.042 | 304.80 | 1000                         | 3280.83 |

To obtain value of Inch into mm. Feet into Metre, mm into inches and Metres into Ft...

look into middle column. Obtain value from left or right as the case may be viz.

6 Inches = 152.4 mm      6 mm = .23622 Inches

6 Ft = 1.8288 mts      6 Metres = 19.685 Feet



**CONVERSION TABLE**

Sq. Ft. and Sq. Metre

Interconversion

| Sq. Meters | Sq. Ft.    | Sq. Ft. | Sq. Meters | Sq. Ft.    | Sq. Ft. | Sq. Meters | Sq. Ft.    | Sq.Ft   |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
|            | Sq. Meters |         |            | Sq. Meters |         |            | Sq. Meters |         |
| 0.09290    | 1          | 10.764  | 3.53032    | 38         | 409.029 | 6.9677     | 75         | 807.29  |
| 0.18581    | 2          | 21.728  | 3.62322    | 39         | 419.792 | 7.0606     | 76         | 818.06  |
| 0.27871    | 3          | 32.292  | 3.71612    | 40         | 430.556 | 7.1535     | 77         | 828.82  |
| 0.37161    | 4          | 43.056  | 3.80902    | 41         | 441.320 | 7.2464     | 78         | 839.58  |
| 0.46452    | 5          | 53.820  | 3.90193    | 42         | 452.084 | 7.3393     | 79         | 850.35  |
| 0.55742    | 6          | 64.583  | 3.99483    | 43         | 462.848 | 7.4322     | 80         | 861.11  |
| 0.65032    | 7          | 75.347  | 3.08773    | 44         | 473.612 | 7.5251     | 81         | 871.88  |
| 0.74322    | 8          | 86.111  | 4.18064    | 45         | 484.376 | 7.6180     | 82         | 882.64  |
| 0.83613    | 9          | 95.875  | 4.27354    | 46         | 495.140 | 7.7110     | 83         | 893.40  |
| 0.92903    | 10         | 107.639 | 4.36644    | 47         | 505.90  | 7.8029     | 84         | 904.17  |
| 1.02193    | 11         | 118.403 | 4.45935    | 48         | 516.67  | 7.8968     | 85         | 914.93  |
| 1.11484    | 12         | 129.167 | 4.55225    | 49         | 527.43  | 7.9897     | 86         | 925.70  |
| 1.20774    | 13         | 139.931 | 4.64515    | 50         | 538.20  | 8.0826     | 87         | 936.46  |
| 1.30064    | 14         | 150.695 | 4.73806    | 51         | 548.96  | 8.1755     | 88         | 947.22  |
| 1.39355    | 15         | 161.459 | 4.83096    | 52         | 559.72  | 8.2687     | 89         | 957.99  |
| 1.48645    | 16         | 172.223 | 4.92386    | 53         | 570.49  | 8.3613     | 90         | 968.75  |
| 1.57935    | 17         | 182.986 | 5.01608    | 54         | 581.25  | 8.4542     | 91         | 979.52  |
| 1.67225    | 18         | 193.750 | 5.01907    | 55         | 592.02  | 8.5471     | 92         | 990.28  |
| 1.76516    | 19         | 104.514 | 5.20206    | 56         | 602.78  | 8.6400     | 93         | 1001.04 |
| 1.85806    | 20         | 115.278 | 5.29505    | 57         | 613.54  | 8.7329     | 94         | 1011.81 |
| 1.95096    | 21         | 126.042 | 5.38804    | 58         | 624.31  | 8.8258     | 95         | 1022.57 |
| 2.04387    | 22         | 236.806 | 5.48103    | 59         | 635.07  | 8.9187     | 96         | 1033.34 |
| 2.13677    | 23         | 247.570 | 5.57402    | 60         | 645.83  | 9.0116     | 97         | 1044.10 |
| 2.22967    | 24         | 258.334 | 5.6671     | 61         | 656.60  | 9.1045     | 98         | 1054.86 |
| 2.32258    | 25         | 269.098 | 5.7600     | 62         | 667.36  | 9.1974     | 99         | 1065.63 |
| 2.41548    | 26         | 279.862 | 5.8529     | 63         | 678.13  | 9.2903     | 100        | 1076.39 |
| 2.50838    | 27         | 290.626 | 5.9458     | 64         | 688.89  | 18.5806    | 200        | 2152.78 |
| 2.60129    | 28         | 301.389 | 6.0387     | 65         | 699.65  | 27.8709    | 300        | 3229.17 |
| 2.69419    | 29         | 312.153 | 6.1316     | 66         | 710.42  | 37.1612    | 400        | 4305.56 |
| 2.78709    | 30         | 322.917 | 6.2245     | 67         | 721.18  | 46.4515    | 500        | 5382.0  |
| 2.87999    | 31         | 333.681 | 6.3174     | 68         | 731.95  | 55.742     | 600        | 6458.3  |
| 2.97290    | 32         | 344.445 | 6.4103     | 69         | 742.71  | 65.032     | 700        | 7537.7  |
| 3.06580    | 33         | 355.209 | 6.5032     | 70         | 753.47  | 74.322     | 800        | 8611.1  |
| 3.15870    | 34         | 365.973 | 6.5961     | 71         | 764.24  | 83.613     | 900        | 9687.5  |
| 3.25161    | 35         | 376.787 | 6.6890     | 72         | 775.00  | 92.903     | 1000       | 10763.9 |
| 3.34451    | 36         | 387.501 | 6.7819     | 73         | 785.77  |            |            |         |
| 3.43741    | 37         | 398.265 | 6.8748     | 74         | 796.53  |            |            |         |



**KILOGRAMS TO POUNDS**

Based on 1 pound = 0.4535924 per kilogram

| Kilograms | 0<br>lb | 1<br>lb | 2<br>lb | 3<br>lb | 4<br>lb | 5<br>lb | 6<br>lb | 7<br>lb | 8<br>lb | 9<br>lb |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0         | 0       | 2.2046  | 4.4092  | 6.6139  | 8.8185  | 11.0231 | 13.2277 | 15.4324 | 17.6370 | 19.8416 |
| 10        | 22.0462 | 24.2508 | 26.4555 | 28.6601 | 30.8647 | 33.0693 | 35.2740 | 37.4786 | 39.6822 | 41.8878 |
| 20        | 44.0924 | 46.2971 | 48.5017 | 50.706  | 52.911  | 55.116  | 57.320  | 59.525  | 61.729  | 63.934  |
| 30        | 66.139  | 68.343  | 70.548  | 72.753  | 74.957  | 77.162  | 79.366  | 81.571  | 83.776  | 85.980  |
| 40        | 88.185  | 90.390  | 92.594  | 94.799  | 97.003  | 99.208  | 101.413 | 103.617 | 105.822 | 108.027 |
| 50        | 110.231 | 112.436 | 114.640 | 116.845 | 119.050 | 121.254 | 123.459 | 125.663 | 127.868 | 130.073 |
| 60        | 132.277 | 134.482 | 136.687 | 138.891 | 141.096 | 143.300 | 145.505 | 147.710 | 149.914 | 152.119 |
| 70        | 154.324 | 156.528 | 158.733 | 160.937 | 163.142 | 165.347 | 167.551 | 169.756 | 171.961 | 174.165 |
| 80        | 176.370 | 178.574 | 180.779 | 182.984 | 185.188 | 187.393 | 189.598 | 191.802 | 194.007 | 196.211 |
| 90        | 198.416 | 200.621 | 202.825 | 205.030 | 207.235 | 209.439 | 211.644 | 213.848 | 216.053 | 218.258 |
| 100       | 220.462 | 222.667 | 224.871 | 227.076 | 229.281 | 231.485 | 233.690 | 235.895 | 238.099 | 240.304 |
| 110       | 242.508 | 244.713 | 246.918 | 249.122 | 251.327 | 253.532 | 255.736 | 257.941 | 260.145 | 262.350 |
| 120       | 264.555 | 266.759 | 268.964 | 271.169 | 273.373 | 275.578 | 277.782 | 279.987 | 282.192 | 284.396 |
| 130       | 286.601 | 288.806 | 291.010 | 293.215 | 295.419 | 297.624 | 299.829 | 302.033 | 304.238 | 306.443 |
| 140       | 308.647 | 310.852 | 313.056 | 315.261 | 317.466 | 319.670 | 321.875 | 324.080 | 326.284 | 328.489 |
| 150       | 330.693 | 332.898 | 335.103 | 337.307 | 339.512 | 341.716 | 343.921 | 346.126 | 348.330 | 350.535 |
| 160       | 352.740 | 354.944 | 357.149 | 359.353 | 361.558 | 363.763 | 365.967 | 368.172 | 370.377 | 372.581 |
| 170       | 374.786 | 376.990 | 379.195 | 381.400 | 383.604 | 385.809 | 388.014 | 390.218 | 392.423 | 394.627 |
| 180       | 396.832 | 399.037 | 401.241 | 403.446 | 405.651 | 407.855 | 410.060 | 412.264 | 414.469 | 416.674 |
| 190       | 418.878 | 421.083 | 423.288 | 425.492 | 427.697 | 429.901 | 432.106 | 434.311 | 436.515 | 438.720 |
| 200       | 440.924 | 443.129 | 445.334 | 447.538 | 449.743 | 451.948 | 454.152 | 456.357 | 458.561 | 460.766 |
| 210       | 462.971 | 465.175 | 467.380 | 469.585 | 471.789 | 473.994 | 476.198 | 478.403 | 480.608 | 482.812 |
| 220       | 485.017 | 487.222 | 489.426 | 491.631 | 493.835 | 496.040 | 498.245 | 500.45  | 502.65  | 504.86  |
| 230       | 507.06  | 509.27  | 511.47  | 513.68  | 515.88  | 518.09  | 520.29  | 522.50  | 524.70  | 526.90  |
| 240       | 529.11  | 531.31  | 533.52  | 535.72  | 537.93  | 540.13  | 542.34  | 544.54  | 546.75  | 548.95  |

**POUNDS TO KILOGRAMS**

Based on 1 pound = 0.4535924 per kilogram

| Pounds | 0<br>kg | 1<br>kg | 2<br>kg | 3<br>kg | 4<br>kg | 5<br>kg | 6<br>kg | 7<br>kg | 8<br>kg | 9<br>kg |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0      | 0       | 0.45359 | 0.90718 | 1.36078 | 1.81437 | 2.26796 | 2.72155 | 3.17515 | 3.62874 | 4.08233 |
| 10     | 4.53592 | 4.98952 | 5.4431  | 5.8967  | 6.3503  | 6.8039  | 7.2676  | 7.7117  | 8.1647  | 8.6183  |
| 20     | 9.0718  | 9.5254  | 9.9790  | 10.4326 | 10.8862 | 11.3398 | 11.7934 | 12.2470 | 12.7006 | 13.1542 |
| 30     | 13.6078 | 14.0614 | 14.5150 | 14.9685 | 15.4221 | 15.8757 | 16.3293 | 16.7829 | 17.2365 | 17.6901 |
| 40     | 18.1437 | 18.6973 | 19.0509 | 19.5045 | 19.9581 | 20.4117 | 20.8653 | 21.3189 | 21.7724 | 22.2262 |
| 50     | 22.6796 | 23.1332 | 23.5668 | 24.0404 | 21.4940 | 21.9476 | 25.4102 | 25.8248 | 26.3084 | 26.7620 |
| 60     | 27.2155 | 27.6691 | 28.1227 | 28.5763 | 29.0299 | 29.4835 | 29.9371 | 30.3907 | 30.8443 | 31.2979 |
| 70     | 31.7515 | 32.2051 | 32.6587 | 33.1122 | 33.5658 | 34.0194 | 34.4730 | 34.9266 | 35.3802 | 35.8338 |
| 80     | 36.2874 | 36.7401 | 37.1946 | 37.6482 | 38.1018 | 38.5554 | 39.0089 | 39.4265 | 39.9161 | 40.3697 |
| 90     | 40.8233 | 41.2769 | 41.7305 | 42.1841 | 42.6377 | 43.0913 | 43.5449 | 43.9985 | 44.4521 | 44.9056 |
| 100    | 45.3502 | 45.8128 | 46.2664 | 46.7200 | 47.1736 | 47.6272 | 48.0808 | 48.5344 | 48.9880 | 49.4416 |
| 110    | 49.8952 | 50.849  | 50.802  | 51.256  | 51.710  | 52.163  | 52.617  | 53.070  | 53.524  | 53.977  |
| 120    | 54.431  | 54.885  | 55.338  | 55.792  | 56.245  | 56.699  | 57.153  | 57.606  | 58.060  | 58.513  |
| 130    | 58.967  | 59.421  | 59.874  | 60.328  | 60.781  | 61.235  | 61.689  | 62.142  | 62.596  | 63.049  |
| 140    | 63.503  | 63.957  | 64.410  | 64.864  | 65.317  | 65.771  | 66.224  | 66.678  | 67.132  | 67.585  |
| 150    | 68.039  | 68.492  | 68.946  | 69.400  | 69.853  | 70.307  | 70.760  | 71.214  | 71.668  | 72.121  |
| 160    | 72.575  | 73.023  | 73.482  | 73.936  | 74.389  | 74.843  | 75.296  | 75.750  | 76.204  | 76.657  |
| 170    | 77.111  | 77.564  | 78.018  | 78.471  | 78.925  | 79.379  | 79.832  | 80.286  | 80.739  | 81.193  |
| 180    | 81.647  | 82.100  | 82.554  | 83.007  | 83.461  | 83.915  | 84.368  | 84.822  | 85.275  | 85.729  |
| 190    | 86.183  | 86.636  | 87.090  | 87.543  | 87.997  | 88.451  | 88.904  | 89.358  | 89.811  | 90.265  |
| 200    | 90.718  | 91.172  | 91.626  | 92.079  | 92.533  | 92.986  | 93.440  | 93.894  | 94.347  | 94.801  |
| 210    | 95.254  | 95.708  | 96.162  | 96.615  | 97.069  | 97.522  | 97.978  | 98.430  | 98.883  | 99.337  |
| 220    | 99.760  | 100.244 | 100.698 | 101.151 | 101.605 | 102.058 | 102.512 | 102.965 | 103.419 | 103.873 |
| 230    | 104.326 | 104.780 | 105.233 | 105.687 | 106.141 | 106.594 | 107.048 | 107.501 | 107.955 | 108.409 |
| 240    | 108.862 | 109.316 | 109.769 | 110.223 | 110.677 | 111.130 | 111.411 | 112.037 | 112.491 | 112.945 |



**CONVERSION TABLES**

**Kilograms into Lbs & Seers**

| Kg | Lbs   | Seers | Kg | Lbs   | Seers | Kg   | Lbs     | Seers   |
|----|-------|-------|----|-------|-------|------|---------|---------|
| 1  | 2.20  | 1.07  | 12 | 26.46 | 12.86 | 23   | 50.71   | 24.65   |
| 2  | 4.41  | 2.14  | 13 | 28.65 | 13.93 | 24   | 52.91   | 25.72   |
| 3  | 6.61  | 3.22  | 14 | 30.86 | 15.00 | 25   | 55.12   | 26.79   |
| 4  | 8.82  | 4.29  | 15 | 33.07 | 16.08 | 50   | 110.23  | 53.58   |
| 5  | 11.02 | 5.36  | 16 | 35.27 | 17.15 | 100  | 220.46  | 107.17  |
| 6  | 13.23 | 6.43  | 17 | 37.48 | 18.22 | 200  | 440.92  | 214.34  |
| 7  | 15.43 | 7.50  | 18 | 39.68 | 19.29 | 250  | 551.15  | 267.92  |
| 8  | 17.64 | 8.57  | 19 | 41.89 | 20.36 | 500  | 1102.31 | 535.85  |
| 9  | 19.84 | 9.65  | 20 | 44.09 | 21.43 | 750  | 1653.46 | 803.77  |
| 10 | 22.05 | 10.72 | 21 | 46.30 | 22.51 | 1000 | 2204.62 | 1071.69 |
| 11 | 24.25 | 11.79 | 22 | 48.50 | 23.58 |      |         |         |

**British & Metric Equivalents**

|                          |                      |                              |
|--------------------------|----------------------|------------------------------|
| 1 Inch = 25.4 Millimetre | 1 Seer = 0.9331 kg   | 1 Millimetre = 0.03937 Inch  |
| 1 Foot = 0.3048 Metre    | 1 Maund = 37.3242 kg | 1 Metre = 3.28083 Feet       |
| 1 Yard = 0.9144 Metre    | 1 Lb = 0.4861 Seer   | 1 Kg = 2.20473 Lb            |
| 1 Mile = 1609.344 Metre  | 1 Cwt = 1.361 Maunds | 1 Kg = 35.274 Oz             |
| 1 Lb = 0.45359 kg        | 1 Ton = 27.225 Mds.  | 1 Metric Ton = 2205 Lbs      |
| 1 Qr. = 12.7006 kg       | 1 Seer = 2.057 Lbs   | 1 Lb/ R Ft = 1.4882 Kg/M     |
| 1 Cwt = 50.80237 kg      | 1 Maund = 0.7346 Cwt | 1 Kg/M = 0.672 Lbs/ R Ft     |
| 1 Long Ton = 1016.05 kg  |                      | 1 Lb/Sq Ft = 4.8824 kg/Sq M  |
| 1 Short Ton 907.143 kg   |                      | 1 kg/Sq M = 0.2048 Lbs/Sq Ft |
|                          |                      | 1 M Ton = 19.6641 Cwt        |

**Decimal multipliers**

| Prefix | Symbol | Multiplier       | Prefix | Symbol | Multiplier       | Prefix | Symbol | Multiplier        |
|--------|--------|------------------|--------|--------|------------------|--------|--------|-------------------|
| tera   | T      | 10 <sup>12</sup> | Deca   | da     | 10               | nano   | n      | 10 <sup>-9</sup>  |
| giga   | G      | 10 <sup>9</sup>  | deci   | d      | 10 <sup>-1</sup> | pico   | P      | 10 <sup>-12</sup> |
| mega   | M      | 10 <sup>6</sup>  | centi  | c      | 10 <sup>-2</sup> | femto  | f      | 10 <sup>-15</sup> |
| kilo   | K      | 10 <sup>3</sup>  | milli  | m      | 10 <sup>-3</sup> | atto   | a      | 10 <sup>-18</sup> |
| hecto  | h      | 10 <sup>2</sup>  | micro  | u      | 10 <sup>-6</sup> |        |        |                   |



**CONVERSION TABLES**

**Long Tons into Kilograms**

|   | 0       | 10       | 20       | 30       | 40       |
|---|---------|----------|----------|----------|----------|
| 0 | —       | 10160.50 | 20321.00 | 30481.50 | 40642.00 |
| 1 | 1016.05 | 11176.55 | 21337.05 | 31497.55 | 41645.05 |
| 2 | 2032.10 | 12192.60 | 22353.10 | 32513.60 | 42674.10 |
| 3 | 3048.15 | 13208.65 | 23369.15 | 33529.65 | 43690.15 |
| 4 | 4064.20 | 14224.70 | 24385.20 | 34545.70 | 44706.20 |
| 5 | 5080.25 | 15240.75 | 25401.25 | 35561.75 | 45722.25 |
| 6 | 6096.30 | 16256.80 | 26417.30 | 36577.80 | 46738.30 |
| 7 | 7112.35 | 17272.85 | 27433.35 | 37593.85 | 47754.35 |
| 8 | 8128.40 | 18288.90 | 28449.40 | 38609.90 | 48770.40 |
| 9 | 9144.45 | 19304.95 | 29465.45 | 39625.95 | 49786.45 |

Metric Ton = 1000 Kilograms = 2205 Lbs. = 0.984295 Long Tons

**Feet into Metres**

| Feet | 0     | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0    | —     | 0.30  | 0.61  | 0.91  | 1.22  | 1.52  | 1.83  | 2.13  | 2.44  | 2.74  |
| 10   | 3.05  | 3.35  | 3.66  | 3.96  | 4.27  | 4.57  | 4.88  | 5.18  | 5.49  | 5.79  |
| 20   | 6.10  | 6.40  | 6.71  | 7.01  | 7.32  | 7.62  | 7.92  | 8.23  | 8.53  | 8.84  |
| 30   | 9.14  | 9.45  | 9.74  | 10.06 | 10.36 | 10.67 | 10.97 | 11.28 | 11.58 | 11.89 |
| 40   | 12.19 | 12.50 | 12.80 | 13.11 | 13.41 | 13.72 | 14.02 | 14.33 | 14.63 | 14.94 |
| 50   | 15.24 | 15.54 | 15.85 | 16.15 | 16.46 | 16.76 | 17.07 | 17.37 | 17.68 | 17.98 |
| 60   | 18.29 | 18.59 | 18.90 | 19.20 | 19.51 | 19.81 | 20.12 | 20.42 | 20.73 | 21.03 |
| 70   | 21.34 | 21.64 | 21.95 | 22.25 | 22.56 | 22.86 | 23.16 | 23.47 | 23.77 | 24.08 |
| 80   | 24.38 | 24.69 | 24.99 | 25.30 | 25.60 | 25.91 | 26.21 | 26.52 | 26.82 | 27.13 |
| 90   | 27.43 | 27.74 | 28.04 | 28.35 | 28.65 | 28.96 | 29.26 | 29.57 | 29.87 | 30.18 |

100'=30.48m, 200'=61m 300' 91.44m 400' 121.92m 500'=152.40m 1000' =304.80m

**Metres into Feet**

| Metres | 0    | 1/4  | 1/2  | 3/4  | Metres | 0     | 1/4  | 1/2  | 3/4  |
|--------|------|------|------|------|--------|-------|------|------|------|
| 0      | =    | 0.8  | 1.6  | 2.5  | 16     | 52.5  | 53.3 | 54.1 | 55.0 |
| 1      | 3.3  | 4.1  | 4.9  | 5.7  | 17     | 55.8  | 56.6 | 57.4 | 58.2 |
| 2      | 6.6  | 7.4  | 8.2  | 9.0  | 18.    | 59.1  | 59.9 | 60.7 | 61.5 |
| 3      | 9.8  | 10.7 | 11.5 | 12.3 | 19     | 62.3  | 63.2 | 64.0 | 64.8 |
| 4      | 13.1 | 13.9 | 14.8 | 15.6 | 20     | 65.6  | 66.4 | 67.3 | 68.1 |
| 5      | 16.4 | 17.2 | 18.0 | 18.9 | 21     | 68.9  | 69.7 | 70.5 | 71.4 |
| 6      | 19.7 | 20.5 | 21.3 | 22.1 | 22     | 72.2  | 73.0 | 73.8 | 74.6 |
| 7      | 23.0 | 23.8 | 24.6 | 25.4 | 23     | 75.5  | 76.3 | 77.1 | 77.9 |
| 8      | 26.2 | 27.1 | 27.9 | 28.7 | 24     | 78.7  | 79.6 | 80.4 | 81.2 |
| 9      | 29.5 | 30.3 | 31.2 | 32.0 | 25     | 82.0  | 82.8 | 83.7 | 84.5 |
| 10     | 32.8 | 33.6 | 34.4 | 35.3 | 26     | 85.3  | 86.1 | 86.9 | 87.8 |
| 11     | 36.1 | 36.9 | 37.7 | 38.5 | 27     | 88.6  | 89.4 | 90.2 | 91.0 |
| 12     | 39.4 | 40.2 | 41.0 | 41.8 | 28     | 91.9  | 92.7 | 93.5 | 94.3 |
| 13     | 42.7 | 43.5 | 44.3 | 45.1 | 29     | 95.1  | 96.0 | 96.8 | 97.6 |
| 14     | 45.9 | 46.8 | 47.6 | 48.4 | 30     | 98.4  |      |      |      |
| 15     | 49.2 | 50.0 | 50.9 | 51.7 | 40     | 131.2 |      |      |      |



**Weight Count chart for Hex. Bolts & Nuts.**

| Approx. Count per 50 Kg. |      |      |      |     |     |     |     |     |     |     |     |
|--------------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Length<br>mm             | Size |      |      |     |     |     |     |     |     |     |     |
|                          | M6   | M8   | M10  | M12 | M16 | M20 | M22 | M24 | M27 | M30 | M33 |
| 25                       | 5260 |      |      |     |     |     |     |     |     |     |     |
| 30                       | 4735 | 2390 |      |     |     |     |     |     |     |     |     |
| 35                       | 4308 | 2182 | 1173 |     |     |     |     |     |     |     |     |
| 40                       | 3938 | 2012 | 1098 | 766 |     |     |     |     |     |     |     |
| 45                       | 3640 | 1868 | 1030 | 718 | 383 |     |     |     |     |     |     |
| 50                       | 3370 | 1745 | 969  | 676 | 361 |     |     |     |     |     |     |
| 55                       | 3148 | 1635 | 916  | 639 | 342 | 197 |     |     |     |     |     |
| 60                       | 2950 | 1539 | 868  | 606 | 324 | 188 | 154 |     |     |     |     |
| 65                       | 2780 | 1454 | 823  | 575 | 308 | 179 | 147 | 116 |     |     |     |
| 70                       | 2619 | 1378 | 785  | 548 | 295 | 172 | 141 | 112 | 81  |     |     |
| 80                       | 2351 | 1244 | 718  | 500 | 270 | 159 | 130 | 104 | 75  | 57  |     |
| 90                       |      | 1148 | 666  | 462 | 250 | 148 | 121 | 97  | 71  | 54  | 43  |
| 100                      |      |      | 616  | 432 | 232 | 138 | 113 | 91  | 67  | 51  | 41  |
| 120                      |      |      |      | 368 | 202 | 122 | 100 | 80  | 60  | 46  | 37  |
| 140                      |      |      |      | 326 | 179 | 109 | 90  | 72  | 54  | 42  | 34  |
| 160                      |      |      |      | 292 | 161 | 98  | 81  | 65  | 49  | 38  | 31  |
| 180                      |      |      |      | 264 | 146 | 89  | 74  | 60  | 45  | 35  | 28  |
| 200                      |      |      |      | 242 | 134 | 82  | 68  | 55  | 42  | 33  | 26  |
| 225                      |      |      |      | 220 | 122 | 75  | 62  | 50  | 38  | 30  | 24  |
| 250                      |      |      |      | 200 | 111 | 69  | 57  | 46  | 35  | 28  | 22  |
| 275                      |      |      |      | 184 | 102 | 64  | 52  | 43  | 33  | 26  | 21  |
| 300                      |      |      |      | 170 | 95  | 59  | 48  | 40  | 31  | 24  | 20  |

**Sec. wt. ( in kg/m) of Mild Steel Flats**

| Thickness | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 10.00 | 12.0 | 16.0 | 18.0 | 20.0 | 25.0 | 32.0  | 40.0  |     |
|-----------|-----|-----|-----|-----|-----|-------|------|------|------|------|------|-------|-------|-----|
| Width     |     |     |     |     |     |       |      |      |      |      |      |       |       |     |
| 10        | 0.2 | 0.3 | 0.5 | —   | —   | —     | —    | —    | —    | —    | —    | —     | —     | 10  |
| 15        | 0.4 | 0.5 | 0.6 | 0.7 | 0.9 | —     | —    | —    | —    | —    | —    | —     | —     | 15  |
| 20        | 0.5 | 0.6 | 0.8 | 0.9 | 1.3 | 1.6   | —    | —    | —    | —    | —    | —     | —     | 20  |
| 25        | 0.6 | 0.8 | 1.0 | 1.2 | 1.6 | 2.0   | 2.4  | —    | —    | —    | —    | —     | —     | 25  |
| 30        | 0.7 | 0.9 | 1.2 | 1.4 | 1.9 | 2.4   | 2.8  | —    | —    | —    | —    | —     | —     | 30  |
| 35        | 0.8 | 1.1 | 1.4 | 1.6 | 2.2 | 2.8   | 3.3  | 4.4  | 5.0  | 5.5  | —    | —     | —     | 35  |
| 40        | 0.9 | 1.3 | 1.6 | 1.9 | 2.5 | 3.1   | 3.8  | 5.0  | 5.6  | 6.3  | —    | —     | —     | 40  |
| 45        | 1.1 | 1.4 | 1.8 | 2.1 | 2.8 | 3.5   | 4.2  | 5.6  | 6.4  | 7.1  | —    | —     | —     | 45  |
| 50        | 1.2 | 1.6 | 2.0 | 2.4 | 3.1 | 3.9   | 4.7  | 6.3  | 7.1  | 7.8  | 9.8  | —     | —     | 50  |
| 55        | 1.3 | 1.7 | 2.2 | 2.6 | 3.4 | 4.3   | 5.2  | 6.9  | 7.8  | 8.6  | 10.5 | —     | —     | 55  |
| 60        | 1.4 | 1.9 | 2.4 | 2.8 | 3.8 | 4.7   | 5.6  | 7.5  | 8.5  | 9.4  | 11.8 | 15.1  | —     | 60  |
| 65        | —   | —   | —   | 3.1 | 4.1 | 5.1   | 6.1  | 8.2  | 9.2  | 10.2 | 12.8 | 16.3  | 20.4  | 65  |
| 70        | —   | —   | —   | 3.3 | 4.4 | 5.5   | 6.6  | 8.8  | 9.9  | 11.0 | 13.7 | 17.6  | 22.0  | 70  |
| 75        | —   | —   | —   | 3.5 | 4.7 | 5.9   | 7.1  | 9.4  | 10.6 | 11.8 | 14.7 | 18.8  | 23.6  | 75  |
| 80        | —   | —   | —   | 3.8 | 5.0 | 6.3   | 7.5  | 10.0 | 11.3 | 12.6 | 15.7 | 20.1  | 25.1  | 80  |
| 90        | —   | —   | —   | 4.2 | 5.6 | 7.1   | 8.5  | 11.3 | 12.7 | 14.1 | 17.7 | 22.6  | 28.3  | 90  |
| 100       | —   | —   | —   | 4.7 | 6.3 | 7.8   | 9.4  | 12.6 | 14.1 | 15.7 | 19.6 | 25.1  | 31.4  | 100 |
| 110       | —   | —   | —   | 5.2 | 6.9 | 8.6   | 10.4 | 13.8 | 15.5 | 17.3 | 21.6 | 27.6  | 34.5  | 110 |
| 120       | —   | —   | —   | 5.6 | 7.5 | 9.4   | 11.3 | 15.1 | 17.0 | 18.8 | 23.6 | 30.1  | 37.7  | 120 |
| 130       | —   | —   | —   | —   | 8.2 | 10.2  | 12.2 | 16.3 | 18.4 | 20.4 | 25.5 | 32.7  | 40.8  | 130 |
| 140       | —   | —   | —   | —   | 8.8 | 11.0  | 13.2 | 17.6 | 19.8 | 22.0 | 27.5 | 35.2  | 44.0  | 140 |
| 150       | —   | —   | —   | —   | 9.4 | 11.8  | 14.1 | 18.8 | 21.2 | 23.6 | 29.4 | 37.7  | 47.1  | 150 |
| 200       | —   | —   | —   | —   | —   | 15.7  | 18.8 | 25.1 | 28.3 | 31.4 | 39.2 | 50.2  | 62.8  | 200 |
| 250       | —   | —   | —   | —   | —   | 19.6  | 23.6 | 31.4 | 35.3 | 39.2 | 49.1 | 62.8  | 78.5  | 250 |
| 300       | —   | —   | —   | —   | —   | —     | 28.3 | 37.7 | 42.4 | 47.1 | 58.9 | 75.4  | 94.2  | 300 |
| 400       | —   | —   | —   | —   | —   | —     | —    | 50.2 | 56.5 | 62.8 | 78.5 | 100.5 | 125.6 | 400 |

Note : The weight per meter values are calculated on the basis that steel weights 7.85 g/cm<sup>3</sup> and are rounded off to one decimal place in kg. All thickness & widths are in mm.



| <b>WEIGHT OF EQUAL ANGLES</b> |                    |      |
|-------------------------------|--------------------|------|
| Size in mm                    | Weight kgf/m.      |      |
| 20 ' 20 ' 3/4                 | 0.9/1.1            |      |
| 25 ' 25 ' 3/4/5               | 1.1/1.4/1.8        |      |
| 30 ' 30 ' 3/4/5               | 1.4/1.8/2.2        |      |
| 40 ' 40 ' 3/4/5/6             | 1.8/2.4/3.0/3.5    |      |
| 45 ' 45 ' 3/4/5/6             | 2.1/2.7/3.4/4.0    |      |
| 50 ' 50 ' 3/4/5/6             | 2.3/3.0/3.8/4.5    |      |
| 60 ' 60 ' 5/6/8/10            | 4.1/4.9/6.4/7.9    |      |
| 60 ' 60 ' 5/6/8/10            | 4.5/5.4/7.0/8.6    |      |
| 65 ' 65 ' 5/6/8/10            | 4.9/5.8/7.7/9.4    |      |
| 70 ' 70 ' 5/6/8/10            | 5.3/6.3/8.3/10.2   |      |
| 75 ' 75 ' 5/6/8/10            | 5.7/6.8/8.9/11     |      |
| 80 ' 80 ' 6/8/10/12           | 7.3/9.6/11.8/14    |      |
| 100 ' 100 ' 6/8/10/12         | 9.2/12.1/14.9/17.7 |      |
| 130 ' 130 ' 8/10/12/16        | 15.9/19/23.5/30.7  |      |
| 200 ' 200 ' 12/16/20/25       | 36.9/48.5/60/73.9  |      |
| <b>T BAR</b>                  | 50 ' 50 ' 6        | 4.4  |
|                               | 100 ' 100 ' 10     | 14.9 |

| <b>WEIGHT OF BEAMS (ISMB)</b> |              |       |
|-------------------------------|--------------|-------|
| Size in mm                    | Weight kgf/m |       |
| 100-75                        | 11.5         |       |
| 125-75                        | 13           |       |
| 150-80                        | 14.9         |       |
| 175-90                        | 19.3         |       |
| 200-100                       | 25.4         |       |
| 225-110                       | 31.2         |       |
| 250-125                       | 37.3         |       |
| 300-140                       | 44.2         |       |
| 350-140                       | 52.4         |       |
| 400-140                       | 61.6         |       |
| 500-180                       | 86.9         |       |
| 550-190                       | 103.7        |       |
| <b>H. BEAM</b>                | 600-210      | 122.6 |
|                               | 200-120      | 30.6  |
|                               | 175-175      | 40.2  |
|                               | 150-100      | 31.5  |
|                               | 150-100      | 21.1  |
|                               | 125-125      | 23.8  |
|                               | 100-100      | 17.2  |

| <b>WEIGHT OF SHEET &amp; PLATE (Specific Gravity 7.85)</b> |                    |                 |                    |
|--|--------------------|-----------------|--------------------|
| Thickness in mm  | kgf/m <sup>2</sup> | Thickness in mm | kgf/m <sup>2</sup> |
| 0.40   | 3.14               | 16.00           | 125.60             |
| 0.50   | 3.92               | 18.00           | 141.30             |
| 0.63   | 4.94               | 20.00           | 157.00             |
| 0.80   | 6.28               | 22.00           | 172.70             |
| 1.00   | 7.85               | 24.00           | 188.40             |
| 1.25   | 9.81               | 25.00           | 194.25             |
| 1.60   | 12.56              | 28.00           | 219.80             |
| 2.00   | 15.70              | 32.00           | 251.20             |
| 2.50   | 19.63              | 36.00           | 282.60             |
| 3.20   | 25.12              | 38.00           | 298.30             |
| 4.00   | 31.40              | 40.00           | 314.00             |
| 5.00   | 39.20              | 42.00           | 329.70             |
| 6.00   | 47.10              | 45.00           | 351.25             |
| 7.00   | 55.00              | 48.00           | 376.80             |
| 8.00   | 62.80              | 50.00           | 392.50             |
| 9.00   | 70.65              | 56.00           | 439.60             |
| 10.00  | 78.50              | 63.00           | 494.55             |
| 12.00  | 94.20              | 71.00           | 557.35             |
| 14.00  | 109.90             | 75.00           | 688.75             |
| 15.00  | 117.75             | 80.00           | 628.00             |

| <b>WEIGHT OF CHANNELS</b> |                 |      |       |
|---------------------------|-----------------|------|-------|
| Size in mm                | Weight in kgf/m |      |       |
|                           | ISJC            | ISLC | iSMC  |
| 75 x40                    | —               | 5.7  | 6.8   |
| 100 x 44                  | 5.8             | —    | —     |
| 100 x 50                  | —               | 7.9  | 9.2   |
| 125 x 50                  | 7.9             | —    | —     |
| 125 x 65                  | —               | 10.9 | 12.7  |
| 150 x 55                  | 9.9             | —    | —     |
| 150 x 75                  | —               | 14.4 | 16.4  |
| 175 x 60                  | 11.2            | —    | —     |
| 175 x 75                  | —               | 17.6 | 19.2  |
| 200 x 70                  | 13.9            | —    | —     |
| 200 x 75                  | —               | 20.6 | 22.2  |
| 225 x 80                  | —               | 24   | 25.9  |
| 250 x 80                  | —               | 28   | 30.4  |
| 250 x 100                 | —               | 28   | —     |
| 300 x 90                  | —               | —    | 35.09 |
| 300 x 100                 | —               | 33.1 | —     |
| 350 x 100                 | —               | 38.8 | 42.1  |
| 400 x 100                 | —               | 45.7 | 49.5  |

**STANDARD WIRE GAUGES**

| No.<br>of<br>Gauge | Inch | mm    | No<br>of<br>Gauge | Inch  | mm   |
|--------------------|------|-------|-------------------|-------|------|
| 0                  | .324 | 8.229 | 26                | 0.18  | .457 |
| 1                  | .300 | 7.620 | 27                | .0164 | .416 |
| 2                  | .276 | 7.010 | 28                | .0148 | .375 |
| 3                  | .252 | 6.400 | 29                | .0136 | .345 |
| 4                  | .232 | 5.892 | 30                | .0124 | .314 |
| 5                  | .212 | 5.384 | 31                | .0116 | .294 |
| 6                  | .192 | 4.876 | 32                | .0108 | .274 |
| 7                  | .176 | 4.470 | 33                | .0100 | .254 |
| 8                  | .160 | 4.064 | 34                | .0092 | .233 |
| 9                  | .144 | 3.657 | 35                | .0084 | .213 |
| 10                 | .128 | 3.251 | 36                | .0076 | .193 |
| 11                 | .116 | 2.946 | 37                | .0068 | .172 |
| 12                 | .104 | 2.641 | 38                | .0060 | .152 |
| 13                 | .092 | 2.336 | 39                | .0052 | .132 |
| 14                 | .080 | 2.032 | 40                | .0048 | .121 |
| 15                 | .072 | 1.828 | 41                | .0044 | .111 |
| 16                 | .064 | 1.625 | 42                | .0040 | .101 |
| 17                 | .056 | 1.422 | 43                | .0036 | .091 |
| 18                 | .048 | 1.219 | 44                | .0032 | .081 |
| 19                 | .040 | 1.016 | 45                | .0028 | .071 |
| 20                 | .036 | .914  | 46                | .0024 | .061 |
| 21                 | .032 | .812  | 47                | .0020 | .051 |
| 22                 | .028 | .711  | 48                | .0016 | .041 |
| 23                 | .024 | .609  | 49                | .0012 | .030 |
| 24                 | .022 | .558  | 50                | .0010 | .025 |
| 25                 | .020 | .508  |                   |       |      |