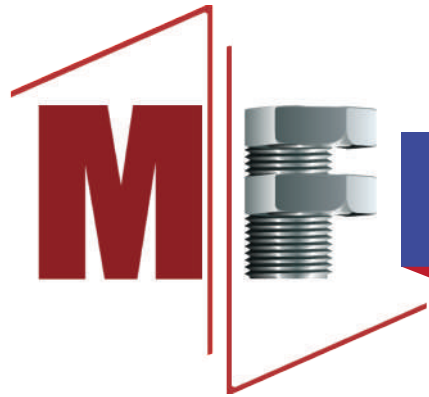




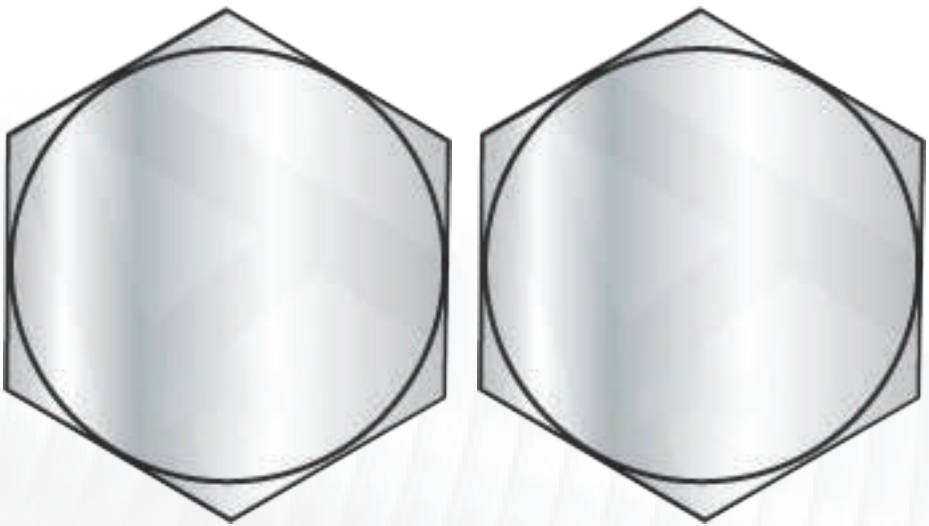
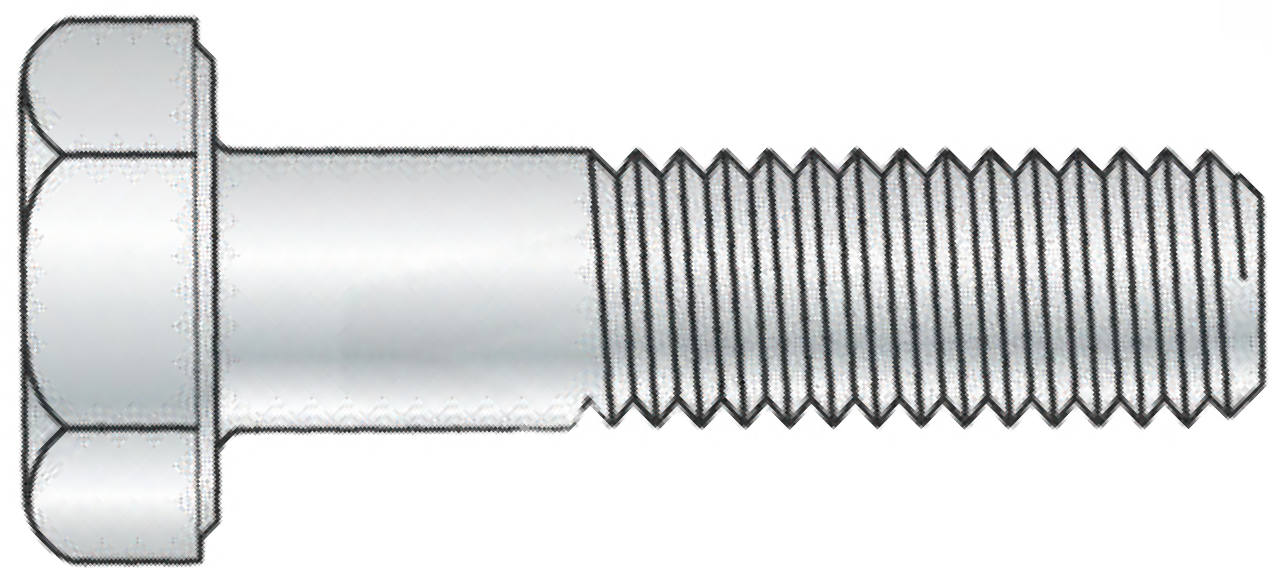
# WEIGHT AND COUNT CHART

## MF FASTENER INDUSTRIES LLC

### M.S HEX HALF THREAD BOLTS WITHOUT NUTS



| MM THREADS AS PER IS 1363/67          |                 |       |        |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
|---------------------------------------|-----------------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| APPROXIMATE WEIGHT IN KGS FOR 100 NOS |                 |       |        |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
| LENGTH                                | D I A M E T E R |       |        |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
|                                       | M6              | M8    | M10    | M12    | M14    | M16    | M18    | M20    | M22    | M24     | M27     | M30     | M33     | M36     | M39     | M42     | M45     | M48     |
| 25 mm                                 | 0.714           |       |        |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
| 30 mm                                 | 0.822           | 1.587 |        |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
| 35 mm                                 | 0.935           | 1.779 | 3.145  |        |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
| 40 mm                                 | 1.035           | 1.976 | 3.436  | 4.936  |        |        |        |        |        |         |         |         |         |         |         |         |         |         |
| 45 mm                                 | 1.149           | 2.165 | 3.745  | 5.319  |        | 9.881  |        |        |        |         |         |         |         |         |         |         |         |         |
| 50 mm                                 | 1.25            | 2.358 | 4.049  | 5.714  | 8.039  | 10.638 |        |        | 22.727 | 27.778  | 39.37   | 51.546  | 65.789  | 80.645  |         |         |         |         |
| 55 mm                                 | 1.351           | 2.551 | 4.367  | 6.098  | 8.503  | 11.442 |        | 19.231 | 23.81  | 29.412  | 40.984  | 54.348  | 68.493  | 84.746  |         |         |         |         |
| 60 mm                                 | 1.462           | 2.74  | 4.651  | 6.494  | 9.091  | 12.255 | 16.026 | 20.492 | 25     | 31.25   | 43.103  | 56.818  | 70.423  | 87.719  | 111.111 |         |         |         |
| 65 mm                                 | 1.577           | 2.941 | 4.95   | 6.897  | 10     | 13.021 | 16.892 | 21.739 | 26.596 | 33.333  | 45.045  | 59.524  | 73.529  | 92.593  | 113.636 |         |         |         |
| 70 mm                                 | 1.672           | 3.03  | 5.236  | 7.278  | 10.616 | 13.85  | 18.116 | 22.936 | 27.933 | 35.211  | 46.729  | 61.728  | 76.923  | 96.154  | 119.048 | 142.857 |         |         |
| 75 mm                                 | 1.773           | 3.257 | 5.531  | 7.657  | 11.161 | 14.577 | 18.868 | 24.155 | 29.412 | 37.037  | 48.544  | 63.291  | 79.365  | 102.041 | 125     | 147.059 |         |         |
| 80 mm                                 | 1.887           | 3.509 | 5.862  | 8.065  | 11.765 | 15.385 | 19.685 | 25.381 | 30.864 | 39.063  | 50      | 66.667  | 83.333  | 106.383 | 131.579 | 151.515 | 192.308 |         |
| 90 mm                                 | 2.083           | 3.846 | 6.41   | 8.803  | 12.255 | 16.892 | 22.026 | 27.778 | 33.784 | 42.735  | 55.556  | 71.429  | 89.286  | 111.111 | 138.889 | 161.29  | 200     | 227.273 |
| 100 mm                                | 2.273           | 4.202 | 6.993  | 9.579  | 13.624 | 18.45  | 24.038 | 30.12  | 36.765 | 46.296  | 60.241  | 76.923  | 96.154  | 119.048 | 147.059 | 172.414 | 208.333 | 238.095 |
| 110 mm                                | 2.5             | 4.63  | 7.519  | 10.846 | 14.881 | 19.92  | 25.51  | 32.468 | 40     | 50      | 65.789  | 83.333  | 104.167 | 125     | 151.515 | 185.185 | 217.391 | 250     |
| 120 mm                                | 2.778           | 5.144 | 8.104  | 12.5   | 16.393 | 21.552 | 27.027 | 34.965 | 43.478 | 53.191  | 69.444  | 87.719  | 111.111 | 131.579 | 156.25  | 192.308 | 227.273 | 277.778 |
| 130 mm                                | 2.959           | 5.405 | 8.651  | 13.441 | 17.606 | 23.041 | 29.94  | 37.313 | 45.872 | 56.18   | 73.529  | 92.593  | 119.048 | 142.857 | 172.414 | 208.333 | 238.095 | 294.118 |
| 140 mm                                | 3.155           | 5.682 | 9.259  | 14.493 | 18.939 | 24.631 | 33.333 | 40     | 48.544 | 58.824  | 78.125  | 100     | 125     | 151.515 | 185.185 | 217.391 | 250     | 312.5   |
| 150 mm                                | 3.356           | 5.814 | 10.06  | 15.291 | 19.841 | 26.178 | 34.722 | 42.373 | 51.546 | 62.5    | 81.967  | 102.041 | 128.205 | 156.25  | 192.308 | 227.273 | 263.158 | 312.5   |
| 160 mm                                | 3.571           |       | 10.989 | 16.129 | 21.739 | 27.778 | 36.232 | 45.045 | 54.348 | 65.789  | 86.207  | 108.696 | 135.135 | 166.667 | 200     | 238.095 | 277.778 | 333.333 |
| 180 mm                                |                 |       | 11.628 | 16.949 | 24.39  | 30.864 | 40     | 50     | 60.241 | 73.529  | 96.154  | 121.951 | 151.515 | 178.571 | 217.391 | 263.158 | 312.5   | 357.143 |
| 200 mm                                |                 |       | 12.821 | 18.868 | 27.027 | 33.784 | 44.248 | 54.945 | 66.667 | 80.645  | 104.167 | 131.579 | 166.667 | 200     | 238.095 | 294.118 | 333.333 | 384.615 |
| 225 mm                                |                 |       | 14.286 | 20.408 |        | 37.879 |        | 60.241 | 73.529 | 87.719  | 116.279 | 142.857 | 178.571 | 217.391 | 263.158 | 312.5   | 357.143 | 416.667 |
| 250 mm                                |                 |       | 15.625 | 23.81  |        | 41.667 |        | 66.667 | 80.645 | 98.039  | 128.205 | 156.25  | 200     | 227.273 | 294.118 | 333.333 | 384.615 | 454.545 |
| 275 mm                                |                 |       | 17.241 | 26.316 |        | 45.872 |        | 72.464 | 87.719 | 106.383 | 135.135 | 166.667 | 208.333 | 250     | 312.5   | 357.143 | 416.667 | 500     |
| 300 mm                                |                 |       |        | 27.322 |        | 49.505 |        | 79.365 | 96.154 | 116.279 | 147.059 | 185.185 | 217.391 | 277.778 | 333.333 | 384.615 | 454.545 | 500     |



| BSW THREADS AS PER BS 916/53           |                 |       |        |        |        |        |         |         |         |         |         |         |         |         |
|----------------------------------------|-----------------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| APPROXIMATE WEIGHT IN KGS FOR 100 NOS. |                 |       |        |        |        |        |         |         |         |         |         |         |         |         |
| LENGTH                                 | D I A M E T E R |       |        |        |        |        |         |         |         |         |         |         |         |         |
|                                        | 1/4"            | 5/16" | 3/8"   | 7/16"  | 1/2"   | 5/8"   | 3/4"    | 7/8"    | 1"      | 1.1/8"  | 1.1/4"  | 1.1/2"  | 1.3/4"  | 2"      |
| 3/4"                                   | 0.732           |       |        |        |        |        |         |         |         |         |         |         |         |         |
| 7/8"                                   | 0.795           | 1.401 |        |        |        |        |         |         |         |         |         |         |         |         |
| 1"                                     | 0.868           | 1.479 | 1.984  |        |        |        |         |         |         |         |         |         |         |         |
| 1.1/4"                                 | 1.071           | 1.712 | 2.32   | 4.167  | 5.181  | 8.803  |         |         |         |         |         |         |         |         |
| 1.1/2"                                 | 1.16            | 1.946 | 2.66   | 4.587  | 5.8    | 9.804  | 15.432  |         |         |         |         |         |         |         |
| 1.3/4"                                 | 1.307           | 2.183 | 3.003  | 5      | 6.41   | 10.799 | 16.502  | 21.93   |         |         |         |         |         |         |
| 2"                                     | 1.458           | 2.41  | 3.344  | 5.388  | 7.013  | 11.82  | 17.921  | 23.81   | 33.557  |         |         |         |         |         |
| 2.1/4"                                 | 1.603           | 2.646 | 3.676  | 5.794  | 7.634  | 12.821 | 19.38   | 25.773  | 36.232  |         |         |         |         |         |
| 2.1/2"                                 | 1.751           | 2.874 | 4.016  | 6.196  | 8.237  | 13.812 | 20.833  | 27.624  | 38.76   | 51.02   | 67.568  | 104.167 | 151.515 | 217.391 |
| 3"                                     | 2.041           | 3.344 | 4.695  | 7.013  | 9.434  | 15.823 | 23.697  | 31.447  | 43.103  | 57.471  | 75.758  | 113.636 | 166.667 | 238.095 |
| 3.1/2"                                 | 2.336           | 3.817 | 5.376  | 7.813  | 10.638 | 17.794 | 26.596  | 35.211  | 49.02   | 64.103  | 84.746  | 125     | 185.185 | 250     |
| 4"                                     | 2.632           | 4.274 | 6.061  | 8.621  | 11.905 | 19.92  | 29.412  | 39.37   | 53.763  | 70.423  | 90.909  | 135.135 | 200     | 277.778 |
| 4.1/2"                                 | 2.924           | 4.753 | 6.729  | 9.434  | 13.158 | 21.186 | 31.25   | 42.735  | 56.818  | 76.923  | 98.039  | 142.857 | 217.391 | 294.118 |
| 5"                                     | 3.205           | 5.208 | 7.407  | 10.246 | 14.706 | 23.148 | 34.014  | 46.729  | 64.103  | 81.967  | 106.383 | 161.29  | 238.095 | 312.5   |
| 6"                                     | 3.817           | 6.15  | 8.741  | 11.848 | 16.393 | 27.027 | 39.683  | 54.945  | 72.464  | 94.34   | 125     | 185.185 | 277.778 | 357.143 |
| 7"                                     |                 |       | 10.101 |        | 18.182 | 30.675 | 46.729  | 64.935  | 81.967  | 111.111 | 138.889 | 208.333 | 312.5   | 384.615 |
| 8"                                     |                 |       | 11.416 |        | 21.739 | 34.247 | 50.505  | 67.568  | 90.909  | 121.951 | 151.515 | 238.095 | 333.333 | 454.545 |
| 9"                                     |                 |       | 12.821 |        | 23.256 | 38.462 | 58.824  | 76.923  | 102.041 | 128.205 | 166.667 | 263.158 | 384.615 | 500     |
| 10"                                    |                 |       | 14.286 |        | 25     | 43.478 | 63.291  | 84.746  | 113.636 | 138.889 | 185.185 | 277.778 | 416.667 | 555.556 |
| 11"                                    |                 |       |        |        | 27.933 | 46.296 | 67.568  | 92.593  | 121.951 | 151.515 | 200     | 294.118 | 416.667 | 555.556 |
| 12"                                    |                 |       | 17.241 |        | 31.447 | 49.505 | 72.464  | 100     | 131.579 | 161.29  | 208.333 | 312.5   | 454.545 | 625     |
| 14"                                    |                 |       |        |        | 35.971 | 56.818 | 83.333  | 113.636 | 151.515 | 192.308 | 238.095 | 357.143 | 500     | 714.286 |
| 16"                                    |                 |       |        |        | 41.667 | 64.935 | 94.34   | 131.579 | 172.414 | 217.391 | 277.778 | 416.667 | 555.556 | 833.333 |
| 18"                                    |                 |       |        |        | 45.455 | 72.464 | 106.383 | 147.059 | 192.308 | 238.095 | 312.5   | 454.545 | 625     |         |
| 20"                                    |                 |       |        |        | 50     | 80.645 | 119.048 | 161.29  | 217.391 | 263.158 | 357.143 | 500     | 714.286 |         |