

## WEIGHTS PER THOUSAND

| Pounds per Thousand Pieces of Pan Head Machine Screws<br>Type 1, F, 23 & 25 - Screw Size |         |       |       |       |       |       |       |        |         |        |
|--|---------|-------|-------|-------|-------|-------|-------|--------|---------|--------|
| Length<br>(inches)   | Decimal | 4-40  | 6-32  | 8-32  | 10-24 | 10-32 | 12-24 | 1/4-20 | 5/16-18 | 3/8-16 |
| 3/16   | .1875   | 1.00  | 1.50  | 2.50  | 4.00  | 4.00  | ....  | .      | .       | .      |
| 1/4  | .250    | 1.00  | 1.75  | 3.00  | 4.00  | 4.50  | 5.75  | 8.50   | .       | .      |
| 5/16   | .3125   | 1.25  | 2.00  | 3.00  | 4.50  | 4.75  | 6.00  | 9.00   | 16.75   | ...    |
| 3/8  | .375    | 1.50  | 2.00  | 3.50  | 4.75  | 5.00  | 6.50  | 10.00  | 17.75   | 29.25  |
| 7/16   | .4375   | 1.50  | 2.25  | 3.75  | 5.25  | 5.50  | 7.00  | 10.50  | 19.00   | 31.00  |
| 1/2  | .500    | 1.75  | 2.50  | 4.00  | 5.50  | 5.75  | 7.50  | 11.25  | 20.00   | 32.25  |
| 9/16   | .5625   | 1.75  | 2.75  | 4.25  | 6.00  | 6.25  | 8.00  | 11.75  | 21.00   | 33.75  |
| 5/8  | .625    | 2.00  | 3.00  | 4.50  | 6.25  | 6.75  | 8.50  | 12.50  | 22.00   | 35.00  |
| 3/4  | .750    | 2.25  | 3.25  | 5.00  | 7.00  | 7.50  | 9.25  | 13.75  | 24.00   | 38.00  |
| 7/8  | .875    | 2.50  | 3.50  | 5.75  | 7.75  | 8.25  | 10.25 | 15.00  | 26.25   | 41.00  |
| 1  | ..      | 2.50  | 4.00  | 6.25  | 8.50  | 9.00  | 11.00 | 16.25  | 28.25   | 44.00  |
| 1-1/8  | 1.125   | 3.00  | 4.50  | 6.75  | 9.00  | 9.75  | 12.00 | 17.50  | 30.25   | 47.00  |
| 1-1/4  | 1.250   | 3.00  | 4.75  | 7.50  | 10.00 | 10.50 | 13.00 | 18.75  | 32.50   | 50.00  |
| 1-1/2  | 1.500   | 3.50  | 5.50  | 8.50  | 11.25 | 12.00 | 14.75 | 21.25  | 36.50   | 56.00  |
| 1-3/4  | 1.750   | 4.00  | 6.25  | 9.50  | 12.50 | 13.50 | 16.50 | 23.75  | 41.00   | 62.00  |
| 2  | .       | 4.30  | 7.00  | 10.75 | 14.00 | 15.00 | 18.50 | 26.25  | 45.00   | 68.00  |
| 2-1/4  | 2.250   | 5.80  | 7.75  | 12.00 | 15.25 | 16.75 | 20.00 | 29.00  | 49.00   | 74.00  |
| 2-1/2  | 2.500   | 6.30  | 8.50  | 13.00 | 16.75 | 18.25 | 22.00 | 31.50  | 53.50   | 80.00  |
| 2-3/4  | 2.750   | 6.80  | 9.25  | 14.00 | 18.00 | 19.75 | 24.00 | 34.00  | 57.50   | 85.50  |
| 3  | .       | 7.30  | 10.00 | 15.00 | 19.50 | 21.25 | 26.00 | 36.50  | 62.00   | 92.00  |
| 3-1/4  | 3.250   | 7.80  | 11.00 | 16.25 | 21.00 | 23.00 | 27.50 | 39.00  | 66.00   | 97.00  |
| 3-1/2  | 3.500   | 8.30  | 11.75 | 17.50 | 22.25 | 24.25 | 29.25 | 41.50  | 70.00   | 103.00 |
| 3-3/4  | 3.750   | 8.80  | 12.15 | 18.80 | 24.00 | 26.00 | 31.00 | 44.00  | 74.00   | 109.00 |
| 4  | .       | 9.30  | 13.65 | 20.00 | 25.00 | 27.50 | 33.00 | 47.00  | 78.50   | 115.00 |
| 4-1/2  | 4.500   | 10.00 | 15.10 | 22.30 | 28.00 | 31.00 | 37.00 | 52.00  | 87.00   | 127.00 |
| 5  | .       | 11.00 | 16.60 | 24.40 | 31.00 | 34.00 | 41.00 | 57.00  | 95.00   | 139.00 |
| 5-1/2  | 5.500   | 12.00 | 18.20 | 26.70 | 34.00 | 37.00 | 44.00 | 62.00  | 103.00  | 151.00 |
| 6  | .       | 13.00 | 21.25 | 29.00 | 36.00 | 40.00 | 48.00 | 67.00  | 112.00  | 163.00 |
| 6-1/2  | 6.500   | 14.00 | 22.70 | 31.30 | 39.00 | 43.20 | 52.00 | 72.00  | 121.00  | 175.50 |
| 7  | .       | 15.00 | 24.30 | 33.60 | 42.00 | 46.40 | 56.00 | 77.00  | 130.00  | 187.80 |
| 7-1/2  | 7.500   | 16.00 | 25.70 | 35.90 | 45.00 | 49.60 | 60.00 | 82.00  | 139.00  | 200.00 |
| 8  | .       | 17.00 | 27.20 | 38.10 | 48.00 | 52.80 | 64.00 | 87.00  | 147.00  | 212.30 |

|  |           |           |           |            |            |            |             |            |        |        |
|--|-----------|-----------|-----------|------------|------------|------------|-------------|------------|--------|--------|
| 8-1/2  | 8.500     | 18.00     | 28.70     | 40.40      | 51.00      | 56.00      | 68.00       | 92.00      | 156.00 | 224.70 |
| 9  | .         | 19.00     | 30.20     | 42.70      | 54.00      | 59.20      | 72.00       | 97.00      | 165.00 | 237.00 |
| 9-1/2  | 9.500     | 20.00     | 31.70     | 44.90      | 57.00      | 62.40      | 86.00       | 102.00     | 173.00 | 249.00 |
| 10   | .         | 21.00     | 33.20     | 46.10      | 60.00      | 65.60      | 90.00       | 107.00     | 181.00 | 261.60 |
| 10-1/2   | 10.500    | 22.00     | 34.70     | 49.30      | 63.00      | 68.80      | 84.00       | 112.00     | 190.00 | 273.00 |
| 11   | .         | 23.00     | 36.20     | 51.60      | 66.00      | 72.00      | 88.00       | 117.00     | 198.00 | 286.20 |
| 11-1/2   | 11.500    | 24.00     | 37.70     | 53.90      | 69.00      | 75.20      | 92.00       | 122.00     | 207.00 | 298.00 |
| 12   | .         | 25.00     | 39.20     | 56.20      | 72.00      | 77.20      | 96.00       | 127.00     | 216.00 | 311.20 |
| <b>Add to the above weights for Hex Washer Heads</b> |           |           |           |            |            |            |             |            |        |        |
|  | <b>#4</b> | <b>#6</b> | <b>#8</b> | <b>#10</b> | <b>#12</b> | <b>1/4</b> | <b>5/16</b> | <b>3/8</b> |        |        |
|  | .20       | .30       | .50       | 1.00       | 1.50       | 2.25       | 3.50        | 4.00       |        |        |