

ARC STUDS WEIGHT CHARTS (STEEL)

| MIDWEST FASTENERS ESTIMATED WEIGHTS OF THREADED STUDS IN POUNDS PER 1000 PIECES | | | | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|
| LENGTH | 1/4-20 | 5/16-18 | 3/8-16 | 7/16-14 | 1/2-13 | 5/8-11 | 3/4-10 | 7/8-9 |
| 3/4 | 8.3 | 12.8 | 18.8 | 25.5 | 34.5 | | | |
| 1 | 11.0 | 17.0 | 25.0 | 34.0 | 46.0 | 70.0 | | |
| 1-1/4 | 13.8 | 21.3 | 31.3 | 42.5 | 57.5 | 87.5 | 133.8 | |
| 1-1/2 | 16.5 | 25.5 | 37.5 | 51.0 | 69.0 | 105.0 | 160.5 | 243.8 |
| 1-3/4 | 19.3 | 29.8 | 43.8 | 59.5 | 80.5 | 122.5 | 187.3 | 284.4 |
| 2 | 22.0 | 34.0 | 50.0 | 68.0 | 92.0 | 140.0 | 214.0 | 325.0 |
| 2-1/4 | 24.8 | 38.3 | 56.3 | 76.5 | 103.5 | 157.5 | 240.8 | 165.6 |
| 2-1/2 | 27.5 | 42.5 | 62.5 | 85.0 | 115.0 | 175.0 | 267.5 | 406.3 |
| 2-3/4 | 30.3 | 46.8 | 68.8 | 93.5 | 126.5 | 192.5 | 294.3 | 446.9 |
| 3 | 33.0 | 51.0 | 75.0 | 102.0 | 138.0 | 210.0 | 321.0 | 487.5 |
| 3-1/4 | 35.8 | 55.3 | 81.3 | 110.5 | 149.5 | 227.5 | 347.8 | 528.1 |
| 3-1/2 | 38.5 | 59.5 | 87.5 | 119.0 | 161.0 | 245.0 | 374.5 | 568.8 |
| 3-3/4 | 41.3 | 63.8 | 93.8 | 127.5 | 172.5 | 262.5 | 401.3 | 609.4 |
| 4 | 44.0 | 68.0 | 100.0 | 136.0 | 184.0 | 280.0 | 428.0 | 650.0 |
| 4-1/4 | 46.8 | 72.3 | 106.3 | 144.5 | 195.5 | 297.5 | 454.8 | 690.6 |
| 4-1/2 | 49.5 | 76.5 | 112.5 | 153.0 | 207.0 | 315.0 | 481.5 | 731.3 |
| 4-3/4 | 52.3 | 80.8 | 118.8 | 161.5 | 218.5 | 332.5 | 508.3 | 771.9 |
| 5 | 55.0 | 85.0 | 125.0 | 170.0 | 230.0 | 350.0 | 535.0 | 812.5 |
| EACH ADD'L. INCH "P" FERRULE | 11.0 1.8 | 17.0 2.8 | 25.0 3.1 | 34.0 4.5 | 46.0 5.9 | 70.0 10.8 | 107.0 21.9 | 162.5 39.0 |

| MIDWEST FASTENERS ESTIMATED WEIGHTS OF NO-THREAD STUDS IN POUNDS PER 1000 PIECES | | | | | | | | | |
|--|------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|
| LENGTH | 3/16 dia. | 1/4 dia. | 5/16 dia. | 3/8 dia. | 7/16 dia. | 1/2 dia. | 5/8 dia. | 3/4 dia. | 7/8 dia. |
| 3/4 | 6.0 | 10.5 | 16.4 | 23.5 | 31.9 | 41.7 | | | |
| 1 | 8.0 | 14.0 | 21.8 | 31.3 | 42.5 | 55.6 | 86.6 | | |
| 1-1/4 | 10.0 | 17.5 | 27.3 | 39.1 | 53.1 | 69.5 | 108.3 | 156.0 | |
| 1-1/2 | 12.0 | 21.0 | 32.7 | 47.0 | 63.8 | 83.4 | 129.9 | 187.2 | 225.0 |
| 1-3/4 | 14.0 | 24.5 | 38.2 | 54.8 | 74.4 | 97.3 | 151.6 | 218.4 | 297.5 |
| 2 | 16.0 | 28.0 | 43.6 | 62.6 | 85.0 | 111.2 | 173.2 | 249.6 | 340.0 |
| 2-1/4 | 18.0 | 31.5 | 49.1 | 70.4 | 95.6 | 125.1 | 194.9 | 280.8 | 382.5 |
| 2-1/2 | 20.0 | 35.0 | 54.5 | 78.3 | 106.3 | 139.0 | 216.5 | 312.0 | 425.0 |
| 2-3/4 | 22.0 | 38.5 | 60.0 | 86.1 | 116.9 | 152.9 | 238.2 | 343.2 | 467.5 |
| 3 | 24.0 | 42.0 | 65.4 | 93.9 | 127.5 | 166.8 | 259.8 | 374.4 | 510.0 |
| 3-1/4 | 26.0 | 45.5 | 70.9 | 101.7 | 138.1 | 180.7 | 281.5 | 405.6 | 552.5 |
| 3-1/2 | 28.0 | 49.0 | 76.3 | 117.4 | 148.8 | 194.6 | 303.1 | 436.8 | 595.0 |
| 3-3/4 | 30.0 | 52.5 | 81.8 | 125.2 | 159.4 | 208.5 | 324.8 | 468.0 | 637.5 |
| 4 | 32.0 | 56.0 | 87.2 | 125.2 | 170.0 | 222.4 | 346.4 | 499.2 | 680.0 |
| 4-1/4 | 34.0 | 59.5 | 92.7 | 133.0 | 180.6 | 236.3 | 368.1 | 530.4 | 722.5 |
| 4-1/2 | 36.0 | 63.0 | 98.1 | 140.9 | 191.3 | 250.2 | 389.7 | 561.6 | 765.0 |
| 4-3/4 | 38.0 | 66.5 | 103.6 | 148.7 | 201.9 | 264.1 | 411.4 | 592.8 | 807.5 |
| 5 | 40.0 | 70.0 | 109.0 | 156.5 | 212.5 | 278.0 | 433.0 | 624.0 | 850.0 |
| EACH ADD'L. IN. "F" FERRULE | 8.0 2.0 | 14.0 2.9 | 21.8 4.3 | 31.3 5.0 | 42.5 5.2 | 55.6 7.4 | 86.6 15.5 | 124.8 30.1 | 170.0 49.0 |



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