

| | NB | NB | WNRF | RFSO | BLRF | LAPPED | THRD |
|-------------|--------|-----|------|------|------|--------|------|
| 150# | 1/2" | 15 | 0.7 | 0.4 | 0.5 | 0.4 | 0.4 |
| | 3/4" | 20 | 0.8 | 0.7 | 0.8 | 0.7 | 0.7 |
| | 1" | 25 | 1.1 | 0.8 | 0.9 | 0.8 | 0.8 |
| | 1-1/4" | 32 | 1.5 | 1.2 | 1.3 | 1.1 | 1.2 |
| | 1-1/2" | 40 | 1.8 | 1.4 | 1.6 | 1.4 | 1.5 |
| | 2" | 50 | 2.7 | 2.2 | 2.6 | 2.2 | 2.3 |
| | 2-1/2" | 65 | 4.4 | 3.5 | 4.1 | 3.5 | 3.7 |
| | 3" | 80 | 5.2 | 3.8 | 5.1 | 3.8 | 4.1 |
| | 3-1/2" | 90 | 6.4 | 5.0 | 6.5 | 5.0 | 5.1 |
| | 4" | 100 | 7.5 | 5.6 | 7.5 | 5.6 | 5.9 |
| | 5" | 125 | 9.2 | 6.5 | 9.2 | 6.5 | 7.0 |
| | 6" | 150 | 11 | 8.1 | 11.8 | 8.1 | 8.4 |
| | 8" | 200 | 18.4 | 13 | 20.4 | 13 | 13 |
| | 10" | 250 | 25.5 | 18.4 | 31 | 18.4 | 18 |
| | 12" | 300 | 37 | 28.5 | 47 | 28.5 | 29 |
| | 14" | 350 | 51 | 37.5 | 60 | 41.5 | 39 |
| | 16" | 400 | 61.5 | 44.5 | 81 | 53 | 47 |
| | 18" | 450 | 71.5 | 54 | 93 | 59 | 57 |
| | 20" | 500 | 85 | 72 | 127 | 74 | 76 |
| | 24" | 600 | 119 | 95 | 190 | 99 | 97 |
| 300# | 1/2" | 15 | 0.8 | 0.7 | 0.8 | 0.7 | 0.7 |
| | 3/4" | 20 | 1.4 | 1.2 | 1.2 | 1.2 | 1.2 |
| | 1" | 25 | 1.7 | 1.4 | 1.5 | 1.4 | 1.4 |
| | 1-1/4" | 32 | 2.2 | 1.8 | 2.0 | 1.8 | 1.9 |
| | 1-1/2" | 40 | 3.2 | 2.7 | 2.9 | 2.7 | 2.8 |
| | 2" | 50 | 3.6 | 3.2 | 3.5 | 3.2 | 3.3 |
| | 2-1/2" | 65 | 5.4 | 4.5 | 5.3 | 4.5 | 4.6 |
| | 3" | 80 | 7.3 | 5.9 | 7.2 | 5.9 | 6.3 |
| | 3-1/2" | 90 | 8.9 | 7.5 | 9.2 | 7.5 | 7.8 |
| | 4" | 100 | 11.8 | 10 | 12.2 | 10 | 10.2 |
| | 5" | 125 | 16 | 12.5 | 16 | 12.5 | 12.9 |
| | 6" | 150 | 20.2 | 16.5 | 22 | 16.5 | 16.8 |
| | 8" | 200 | 31.2 | 25.5 | 36 | 25.5 | 26 |
| | 10" | 250 | 44.3 | 35 | 55 | 35 | 37.5 |
| | 12" | 300 | 63.5 | 52 | 82.5 | 62 | 53 |
| | 14" | 350 | 86 | 73 | 108 | 86 | 73 |
| | 16" | 400 | 112 | 88 | 139 | 113 | 88 |
| | 18" | 450 | 141 | 115 | 178 | 134 | 115 |
| | 20" | 500 | 173 | 139 | 228 | 167 | 139 |
| | 24" | 600 | 248 | 212 | 350 | 240 | 212 |
| 600# | 1/2" | 15 | 0.9 | 0.8 | 0.8 | 0.8 | 0.9 |
| | 3/4" | 20 | 1.6 | 1.4 | 1.4 | 1.4 | 1.4 |
| | 1" | 25 | 1.9 | 1.7 | 1.7 | 1.7 | 1.8 |
| | 1-1/4" | 32 | 2.6 | 2.1 | 2.4 | 2.1 | 2.3 |
| | 1-1/2" | 40 | 3.6 | 3.1 | 3.4 | 3.1 | 3.3 |
| | 2" | 50 | 4.7 | 3.9 | 4.4 | 3.9 | 4.0 |
| | 2-1/2" | 65 | 4.8 | 5.4 | 6.8 | 3.4 | 5.5 |
| | 3" | 80 | 8.7 | 7.3 | 8.9 | 7.3 | 7.4 |
| | 3-1/2" | 90 | 11.6 | 9.0 | 12.7 | 9.0 | 9.2 |
| | 4" | 100 | 18.4 | 16.5 | 18.6 | 16.1 | 16.8 |
| | 5" | 125 | 31 | 28.5 | 30.8 | 27.5 | 28.5 |
| | 6" | 150 | 37 | 36.2 | 38 | 35.4 | 36.2 |
| | 8" | 200 | 54.5 | 51.5 | 62.2 | 49.5 | 21.5 |
| | 10" | 250 | 98.5 | 76.2 | 102 | 74 | 76.2 |
| | 12" | 300 | 105 | 89.5 | 132 | 89 | 89.5 |
| | 14" | 350 | 150 | 102 | 158 | 111 | 102 |
| | 16" | 400 | 177 | 150 | 225 | 165 | 150 |
| | 18" | 450 | 228 | 180 | 285 | 194 | 180 |
| | 20" | 500 | 285 | 231 | 365 | 255 | 231 |
| | 24" | 600 | 372 | 330 | 532 | 362 | 330 |

| | NB | NB | WNRF | RFSO | BLRF | LAPPED | THRD |
|--------------|--------|-----|------|------|------|--------|------|
| 900# | 1/2" | 15 | 2.1 | 1.8 | 1.9 | 1.8 | 1.8 |
| | 3/4" | 20 | 2.7 | 2.4 | 2.7 | 2.3 | 2.3 |
| | 1" | 25 | 3.9 | 3.6 | 3.7 | 3.6 | 3.6 |
| | 1-1/4" | 32 | 4.5 | 4.1 | 4.3 | 4.1 | 4.1 |
| | 1-1/2" | 40 | 6.2 | 5.4 | 5.9 | 5.4 | 5.4 |
| | 2" | 50 | 11.3 | 10.5 | 11.3 | 10.5 | 10.5 |
| | 2-1/2" | 65 | 16.3 | 15.8 | 16 | 15.8 | 15.8 |
| | 3" | 80 | 15 | 12.3 | 16.8 | 11.8 | 12.3 |
| | 3-1/2" | 90 | | | | | |
| | 4" | 100 | 24 | 23.2 | 24.5 | 22.6 | 23.2 |
| | 5" | 125 | 38.5 | 37.5 | 39.5 | 36.5 | 37.5 |
| | 6" | 150 | 50 | 48.3 | 51.5 | 47.5 | 48.3 |
| | 8" | 200 | 85 | 75 | 89 | 86 | 75 |
| | 10" | 250 | 123 | 110 | 131 | 124 | 110 |
| | 12" | 300 | 168 | 146 | 187 | 167 | 146 |
| | 14" | 350 | 198 | 172 | 224 | 180 | 172 |
| | 16" | 400 | 225 | 192 | 259 | 210 | 192 |
| | 18" | 450 | 318 | 272 | 383 | 294 | 272 |
| | 20" | 500 | 376 | 330 | 482 | 365 | 330 |
| | 24" | 600 | 680 | 632 | 905 | 700 | 632 |
| 1500# | 1/2" | 15 | 2.1 | 1.8 | 1.9 | 1.8 | 1.8 |
| | 3/4" | 20 | 2.7 | 2.4 | 2.7 | 2.3 | 2.3 |
| | 1" | 25 | 3.9 | 3.6 | 3.7 | 3.6 | 3.6 |
| | 1-1/4" | 32 | 4.5 | 4.1 | 4.3 | 4.1 | 4.1 |
| | 1-1/2" | 40 | 6.2 | 5.4 | 5.9 | 5.4 | 5.4 |
| | 2" | 50 | 11.3 | 10.5 | 11.3 | 10.5 | 10.5 |
| | 2-1/2" | 65 | 16.3 | 15.8 | 16 | 15.8 | 15.8 |
| | 3" | 80 | 21 | 21.5 | 19.5 | 18.5 | 18.5 |
| | 3-1/2" | 90 | | | | | |
| | 4" | 100 | 31.8 | 31 | 33 | 29 | 29 |
| | 5" | 125 | 59 | 58.8 | 60 | 54 | 53 |
| | 6" | 150 | 72 | 74 | 75 | 62 | 61 |
| | 8" | 200 | 124 | 112 | 125 | 106 | 105 |
| | 10" | 250 | 207 | 184 | 215 | 173 | 172 |
| | 12" | 300 | 306 | 264 | 316 | 262 | 264 |
| | 14" | 350 | 416 | | 316 | | |
| | 16" | 400 | 567 | | | | |
| | 18" | 450 | 736 | | | | |
| | 20" | 500 | 929 | | | | |
| | 24" | 600 | 1504 | | | | |
| 2500# | 1/2" | 15 | 3.2 | | 3 | 3 | 3 |
| | 3/4" | 20 | 3.6 | | 4.5 | 4 | 4 |
| | 1" | 25 | 5.4 | | 5 | 5 | 5 |
| | 1-1/4" | 32 | 7.8 | | 8 | 8 | 8 |
| | 1-1/2" | 40 | 11.5 | | 11 | 11 | 11 |
| | 2" | 50 | 19 | | 17 | 17 | 17 |
| | 2-1/2" | 65 | 24 | | 25 | 25 | 25 |
| | 3" | 80 | 42.6 | | 39 | 38 | 38 |
| | 3-1/2" | 90 | | | | | |
| | 4" | 100 | 64 | | 60 | 58 | 58 |
| | 5" | 125 | 111 | | 101 | 95 | 95 |
| | 6" | 150 | 171 | | 156 | 146 | 146 |
| | 8" | 200 | 261 | | 242 | 220 | 220 |
| | 10" | 250 | 485 | | 465 | 420 | 420 |
| | 12" | 300 | 698 | | 665 | 590 | 590 |
| | 14" | 350 | | | | | |
| | 16" | 400 | | | | | |
| | 18" | 450 | | | | | |
| | 20" | 500 | | | | | |
| | 24" | 600 | | | | | |