

Belleville Washers for Heavy Bolted Sections (Imperial Sizes)

| Part No. | Dimensions | | | | | | | | | | Load Flat (N) | Nominal Bolt Size |
|-----------|----------------|----------------|-------|---------|---------|----------------|----------------|------|---------|---------|---------------|-------------------|
| | in inches | | | | | in mm | | | | | | |
| | D _e | d _i | t | h (max) | h (min) | D _e | d _i | t | h (max) | h (min) | | |
| BI-052203 | 0.197 | 0.087 | 0.012 | 0.020 | 0.016 | 5.00 | 2.20 | 0.30 | 0.50 | 0.40 | 289.80 | - |
| BI-062704 | 0.236 | 0.106 | 0.016 | 0.026 | 0.020 | 6.00 | 2.70 | 0.40 | 0.66 | 0.50 | 651.00 | - |
| BI-073205 | 0.276 | 0.126 | 0.020 | 0.030 | 0.025 | 7.00 | 3.20 | 0.50 | 0.76 | 0.64 | 936.40 | 1/8"#5 |
| BI-083705 | 0.315 | 0.146 | 0.020 | 0.031 | 0.027 | 8.00 | 3.70 | 0.50 | 0.80 | 0.70 | 784.80 | #6 |
| BI-094308 | 0.354 | 0.169 | 0.031 | 0.043 | 0.037 | 9.00 | 4.30 | 0.80 | 1.10 | 0.95 | 2630.90 | 5/32" #8 |
| BI-115310 | 0.433 | 0.209 | 0.039 | 0.055 | 0.047 | 11.00 | 5.30 | 1.00 | 1.40 | 1.20 | 4771.20 | 3/16" #10 |
| BI-146412 | 0.551 | 0.252 | 0.050 | 0.067 | 0.056 | 14.00 | 6.40 | 1.20 | 1.70 | 1.42 | 6198.10 | 1/4" |
| BI-177415 | 0.669 | 0.291 | 0.059 | 0.079 | 0.070 | 17.00 | 7.40 | 1.50 | 2.00 | 1.80 | 8026.40 | - |
| BI-188420 | 0.709 | 0.331 | 0.078 | 0.102 | 0.088 | 18.01 | 8.40 | 2.00 | 2.59 | 2.24 | 21203.00 | 5/16" |
| BI-218425 | 0.827 | 0.331 | 0.098 | 0.118 | 0.108 | 21.00 | 8.40 | 2.50 | 3.00 | 2.74 | 23833.80 | 5/16" |
| BI-231020 | 0.906 | 0.413 | 0.078 | 0.106 | 0.094 | 23.00 | 10.50 | 2.00 | 2.69 | 2.39 | 14269.10 | 3/8" |
| BI-241030 | 0.945 | 0.413 | 0.118 | 0.146 | 0.130 | 24.00 | 10.50 | 3.00 | 3.71 | 3.30 | 35672.70 | 3/8" |
| BI-291325 | 1.142 | 0.512 | 0.098 | 0.130 | 0.116 | 29.00 | 13.00 | 2.50 | 3.30 | 3.00 | 20957.70 | 1/2" |
| BI-321335 | 1.260 | 0.512 | 0.138 | 0.169 | 0.156 | 32.00 | 13.00 | 3.50 | 4.30 | 4.00 | 44145.00 | 1/2" |
| BI-351530 | 1.378 | 0.591 | 0.125 | 0.157 | 0.141 | 35.00 | 15.00 | 3.00 | 4.00 | 3.60 | 28984.10 | 9/16" |
| BI-391540 | 1.535 | 0.591 | 0.157 | 0.197 | 0.181 | 39.00 | 15.00 | 4.00 | 5.00 | 4.60 | 53509.10 | 9/16" |
| BI-391735 | 1.535 | 0.669 | 0.138 | 0.185 | 0.162 | 39.00 | 17.00 | 3.50 | 4.70 | 4.10 | 44590.90 | 5/8" |
| BI-421740 | 1.654 | 0.669 | 0.157 | 0.204 | 0.201 | 42.00 | 17.00 | 4.00 | 5.20 | 5.10 | 57968.20 | 5/8" |
| BI-471950 | 1.850 | 0.748 | 0.197 | 0.244 | 0.222 | 47.00 | 19.00 | 5.00 | 6.20 | 5.64 | 89181.80 | - |
| BI-522160 | 2.047 | 0.827 | 0.236 | 0.287 | 0.246 | 52.00 | 21.00 | 6.00 | 7.20 | 6.25 | 138231.80 | 3/4" |
| BI-702870 | 2.756 | 1.102 | 0.276 | 0.362 | 0.317 | 70.00 | 28.00 | 7.00 | 9.20 | 8.05 | 205118.20 | 1" |