



ASME B18.2.1 1996

| Bolt Diameter | <u>D</u> | <u>F</u> | | | <u>C</u> | | <u>H</u> | | |
|---------------|---------------|--------------------|-------|-------|----------------------|-------|----------|-------|-------|
| | Body Diameter | Width Across Flats | | | Width Across Corners | | Height | | |
| | Max | Basic | Max | Min | Max | Min | Basic | Max | Min |
| 1/2 | 0.515 | 7/8 | 0.875 | 0.85 | 1.01 | 0.969 | 11/32 | 0.364 | 0.302 |
| 5/8 | 0.642 | 1 1/16 | 1.062 | 1.031 | 1.227 | 1.175 | 27/64 | 0.444 | 0.378 |
| 3/4 | 0.768 | 1 1/4 | 1.25 | 1.212 | 1.443 | 1.383 | 1/2 | 0.524 | 0.455 |
| 7/8 | 0.895 | 1 7/16 | 1.438 | 1.394 | 1.66 | 1.589 | 37/64 | 0.604 | 0.531 |
| 1 | 1.022 | 1 5/8 | 1.625 | 1.575 | 1.876 | 1.796 | 43/64 | 0.7 | 0.591 |
| 1 1/8 | 1.149 | 1 13/16 | 1.812 | 1.756 | 2.093 | 2.002 | 3/4 | 0.78 | 0.658 |
| 1 1/4 | 1.277 | 2 | 2 | 1.938 | 2.309 | 2.209 | 27/32 | 0.876 | 0.749 |
| 1 3/8 | 1.404 | 2 3/16 | 2.188 | 2.119 | 2.526 | 2.416 | 29/32 | 0.94 | 0.81 |
| 1 1/2 | 1.531 | 2 3/8 | 2.375 | 2.3 | 2.742 | 2.622 | 1 | 1.036 | 0.902 |
| 1 3/4 | 1.785 | 2 3/4 | 2.75 | 2.662 | 3.175 | 3.035 | 1 5/32 | 1.196 | 1.054 |
| 2 | 2.039 | 3 1/8 | 3.125 | 3.025 | 3.608 | 3.449 | 1 11/32 | 1.388 | 1.175 |
| 2 1/4 | 2.305 | 3 1/2 | 3.5 | 3.388 | 4.041 | 3.862 | 1 1/2 | 1.548 | 1.327 |
| 2 1/2 | 2.559 | 3 7/8 | 3.875 | 3.75 | 4.474 | 4.275 | 1 21/32 | 1.708 | 1.479 |