



**Threads, UNC, UNF, Class 2A Dimensions to ANSI/ASME B18.2.1
Finished Hexagon Bolts
AS 2465**

| Size | Threads per inch | | Body Diameter | | Width Across Flats A | | | Head Thickness B | | Across Corners C | Thread Length T |
|-------|------------------|-----|---------------|-------|-------------------------|-------|-------|---------------------|------|---------------------|--------------------|
| | UNF | UNC | Max. | Min. | Nom. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1/4 | 28 | 20 | .250 | .245 | 7/16 | .438 | .428 | .163 | .150 | .505 | 3/4 |
| 5/16 | 24 | 18 | .3125 | .3065 | 1/2 | .500 | .489 | .211 | .195 | .577 | 7/8 |
| 3/8 | 24 | 16 | .3750 | .3690 | 9/16 | .562 | .551 | .243 | .226 | .650 | 1 |
| 7/16 | 20 | 14 | .4375 | .4305 | 5/8 | .625 | .612 | .291 | .272 | .722 | 1 1/8 |
| 1/2 | 20 | 13 | .5000 | .4930 | 3/4 | .750 | .736 | .323 | .302 | .866 | 1 1/4 |
| 9/16 | 18 | 12 | .5625 | .5545 | 13/16 | .812 | .798 | .371 | .348 | .938 | 1 3/8 |
| 5/8 | 18 | 11 | .6250 | .6170 | 15/16 | .938 | .922 | .403 | .378 | 1.083 | 1 1/2 |
| 3/4 | 16 | 10 | .750 | .741 | 1 1/8 | 1.125 | 1.100 | .483 | .455 | 1.299 | 1 3/4 |
| 7/8 | 14 | 9 | .875 | .866 | 1 5/16 | 1.312 | 1.285 | .563 | .531 | 1.516 | 2" |
| 1 | 12 | 8 | 1.000 | .990 | 1 1/2 | 1.500 | 1.469 | .627 | .591 | 1.732 | 2 1/4 |
| 1 1/8 | 12 | 7 | 1.125 | 1.114 | 1 11/16 | 1.688 | 1.631 | .718 | .658 | 1.949 | 2 1/2 |
| 1 1/4 | 12 | 7 | 1.250 | 1.239 | 1 7/8 | 1.875 | 1.812 | .813 | .749 | 2.165 | 2 3/4 |
| 1 1/2 | 12 | 6 | 1.500 | 1.488 | 2 1/4 | 2.250 | 2.175 | .974 | .902 | 2.598 | 3 1/4 |