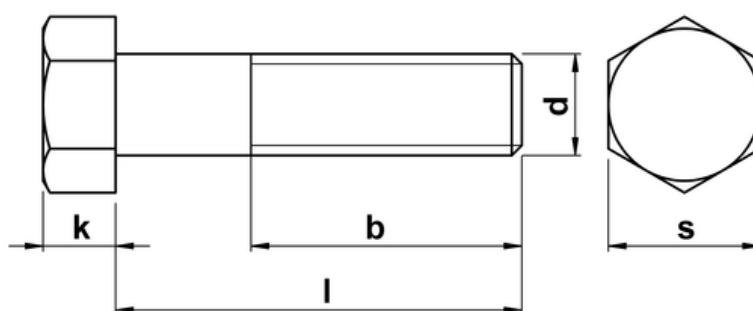




UNF Hex Head Bolts

The most common type of fastener, a hex head bolt is designed to be tightened with a standard spanner or ratchet and socket. Popularly used in all assemblies, a standard hex bolt is a staple across the world. Manufactured to ASME B18. 2.1, and includes an unthreaded 'shoulder' or portion of the shank. A hex drive permits a greater torque load to be applied to the joint over most other drive types.



| d | tpi | s max. (inch) | k max. (inch) | b nom. (inch) |
|------|-----|---------------|---------------|---------------|
| 1/4 | 28 | 0.438 | 0.188 | 0.750 |
| 5/16 | 24 | 0.500 | 0.235 | 0.875 |
| 3/8 | 24 | 0.562 | 0.268 | 1.000 |
| 7/16 | 20 | 0.625 | 0.316 | 1.125 |
| 1/2 | 20 | 0.750 | 0.364 | 1.250 |
| 9/16 | 18 | 0.812 | - | 1.375 |
| 5/8 | 18 | 0.938 | 0.444 | 1.500 |
| 3/4 | 16 | 1.125 | 0.524 | 1.750 |
| 7/8 | 14 | 1.312 | 0.604 | 2.000 |
| 1 | 14 | 1.500 | 0.700 | 2.250 |