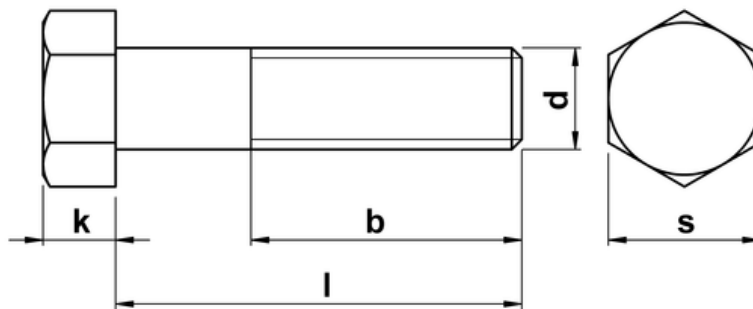




## UNC Hex Head Bolts

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 section of the shaft. A hex drive permits a greater torque load to be applied to the joint over most other drive types.



<b>d</b>	<b>tpi</b>	<b>b nom. (inch)</b>	<b>k max. (inch)</b>	<b>s max. (inch)</b>
<b>1/4</b>	20	0.750	0.188	0.438
<b>5/16</b>	18	0.875	0.235	0.500
<b>3/8</b>	16	1.000	0.268	0.562
<b>7/16</b>	14	1.125	0.316	0.625
<b>1/2</b>	13	1.250	0.364	0.750
<b>9/16</b>	12	1.375	-	0.812
<b>5/8</b>	11	1.500	0.444	0.938
<b>3/4</b>	10	1.750	0.524	1.125
<b>7/8</b>	9	2.000	0.604	1.312
<b>1</b>	8	2.250	0.700	1.500
<b>1 1/8</b>	7	2.500	0.780	1.688
<b>1 1/4</b>	7	2.750	0.876	1.875
<b>1 3/8</b>	6	3.000	0.940	2.062
<b>1 1/2</b>	6	3.250	1.036	2.250