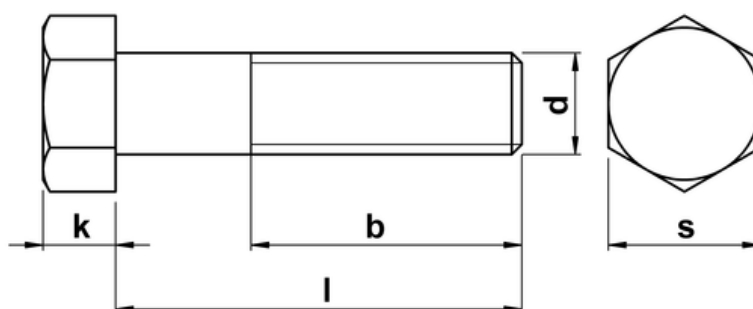




UNC Hex Head Bolts

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.



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