



Allow covering of large diameter holes in sheet metal. Ideal to fix strips, cover plates and sheet metal housings.

Mechanical Properties

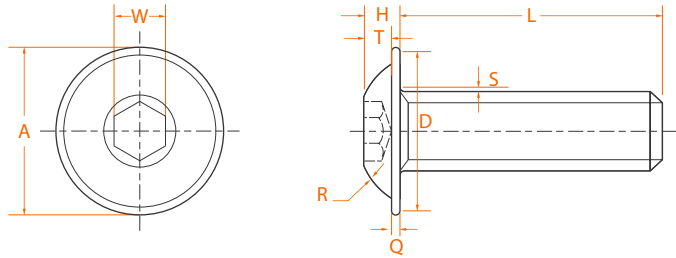
Heat Treatment: 40 - 43 HRC
Thread Class: 3A

Length Tolerance

Up to 1"	-0.03
Over 1" to 2 1/2"	-0.04
Over 2 1/2"	-0.06

Notes

*Thread Length: Screw lengths equal to or shorter than listed in column 'L' will be threaded to head



Product Dimensions

Thread Size	Threads per Inch		Head Diameter A max	Hex Socket Size W		Head Height H max	Socket Depth T min.
	nom.	UNC UNF		max	max		
#4	40	48	0.240	0.0635	0.0625	0.059	0.035
#6	32	40	0.292	0.0791	0.0781	0.073	0.044
#8	32	36	0.357	0.0952	0.0937	0.087	0.052
#10	24	32	0.407	0.1270	0.1250	0.101	0.070
1/4	20	28	0.560	0.1587	0.1562	0.132	0.087
5/16	18	24	0.680	0.1900	0.1875	0.166	0.105
3/8	16	24	0.810	0.2217	0.2187	0.199	0.122
1/2	13	20	1.070	0.3160	0.3125	0.265	0.175

Thread Size	Bearing Face D		Fillet Extension S max	Thread Length* L min
	min	Q max		
#4	0.203	0.025	0.140	0.500
#6	0.252	0.028	0.163	0.625
#8	0.312	0.031	0.190	0.750
#10	0.357	0.036	0.218	1.000
1/4	0.496	0.046	0.254	1.000
5/16	0.603	0.058	0.314	1.000
3/8	0.721	0.069	0.373	1.250
1/2	0.960	0.094	0.486	2.000

Head Marking



Head markings may vary slightly depending on manufacturing practice. UNBRAKO and UNB are recognized identifications for 1/4" diameter & larger.