



$\beta = 15^\circ$  to  $30^\circ$ .

'X' Enlarge View

**Notes:-**

1. The Hex Cap Screw will be according to ASME B18.2.1.
2. Threads will conform to Class 6g of ISO 261 & ISO 965-2.
3. Material High grade carbon/ alloy steel & stainless steel According to ASTM A307.
4. Heat Treatment: Property According to ASTM A307.
5. In Hot Dip Galvanizing Diameters will be reduced 0.3 mm.
6. Incomplete thread  $u = \leq 2P$ .
7. Reference datum for dw.
8. Maximum under head fillet.
9. Chamfer (b) is Double of Pitch ( $b = 2P$ ).
10. Maximum Total Run out of Bearing Surface FIM.
11. All dimensions are in millimetres.

S. No.	Nominal size or basic product diameter			Unit	Body diameter (E)		Width across flats (F)		Width across corner (G)		Head Height (H)		Threading length (LT)		da (max)		dw (min)		D (major) 2A		D1(pitch) 2A		D2 (minor) MIN. 2A		r		c		b		ψ
	inch	inch	UNC		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	<6"(s)	>6"(L)	Max.	Min.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1	1/2"	0.500	13	Inch	0.493	0.500	0.736	0.750	0.840	0.866	0.302	0.323	1.250	1.500	0.550	0.675	0.488	0.499	0.444	0.449	0.404	0.015	0.025	0.015	0.025	0.000	0.157	0.014			
				mm	12.522	12.700	18.694	19.050	21.336	21.996	7.671	8.204	31.750	38.100	13.970	17.145	12.385	12.662	11.265	11.392	10.264	0.381	0.635	0.381	0.635	0.000	4.000				
2	9/16"	0.563	12	Inch	0.555	0.563	0.798	0.812	0.910	0.938	0.348	0.371	1.375	1.625	0.652	0.731	0.550	0.561	0.502	0.507	0.459	0.020	0.045	0.015	0.025	0.000	0.197	0.015			
				mm	14.097	14.298	20.269	20.625	23.114	23.225	8.839	9.423	34.925	41.275	16.561	18.563	13.957	14.247	12.741	12.873	11.651	0.508	1.143	0.381	0.635	0.000	5.000				
3	5/8"	0.625	11	Inch	0.617	0.625	0.922	0.938	1.051	1.083	0.378	0.403	1.500	1.750	0.715	0.844	0.611	0.623	0.559	0.564	0.512	0.020	0.045	0.015	0.025	0.000	0.197	0.017			
				mm	15.672	15.875	23.419	23.825	26.695	27.508	9.601	10.236	38.100	44.450	18.161	21.442	15.527	15.834	14.196	14.336	13.002	0.508	1.143	0.381	0.635	0.000	5.000				
4	3/4"	0.750	10	Inch	0.741	0.750	1.100	1.125	1.254	1.299	0.455	0.483	1.750	2.000	0.840	1.012	0.735	0.748	0.677	0.683	0.626	0.020	0.045	0.015	0.025	0.000	0.197	0.02			
				mm	18.821	19.050	27.940	28.575	31.852	32.995	11.557	12.268	44.450	50.800	21.336	25.717	18.677	19.004	17.203	17.353	15.888	0.508	1.143	0.381	0.635	0.000	5.000				
5	7/8"	0.875	9	Inch	0.866	0.875	1.285	1.312	1.465	1.516	0.531	0.563	2.000	2.250	1.005	1.181	0.859	0.873	0.795	0.801	0.737	0.040	0.065	0.015	0.035	0.000	0.197	0.023			
				mm	21.996	22.225	32.639	33.325	37.211	38.506	13.487	14.300	50.800	57.150	25.527	29.992	21.824	22.177	20.183	20.343	18.715	1.016	1.651	0.381	0.889	0.000	5.000				
6	1"	1.000	8	Inch	0.990	1.000	1.469	1.500	1.675	1.732	0.591	0.627	2.250	2.500	1.190	1.350	0.983	0.998	0.910	0.917	0.845	0.060	0.095	0.015	0.035	0.000	0.236	0.026			
				mm	25.146	25.400	37.313	38.100	42.545	43.993	15.011	15.926	57.150	63.500	30.226	34.290	24.968	25.349	23.114	23.287	21.453	1.524	2.413	0.381	0.889	0.000	6.000				
7	1-1/8"	1.125	8	Inch	1.114	1.125	1.631	1.688	1.859	1.949	0.658	0.718	2.500	2.750	1.315	1.519	1.079	1.123	1.035	1.042	0.970	0.060	0.095	0.015	0.035	0.000	0.236	0.029			
				mm	28.296	28.575	41.427	42.875	47.219	49.505	16.713	18.237	63.500	69.850	33.401	38.587	27.407	28.522	26.284	26.459	24.625	1.524	2.413	0.381	0.889	0.000	6.000				
8	1-1/4"	1.250	8	Inch	1.239	1.250	1.812	1.875	2.165	2.066	0.749	0.813	2.750	3.000	1.440	1.687	1.233	1.248	1.160	1.167	1.095	0.060	0.095	0.015	0.035	0.000	0.276	0.033			
				mm	31.471	31.750	46.025	47.625	54.991	52.476	19.025	20.650	69.850	76.200	36.576	42.862	31.316	31.697	29.456	29.634	27.800	1.524	2.413	0.381	0.889	0.000	7.000				
9	1-3/8"	1.375	8	Inch	1.363	1.375	1.994	2.062	2.273	2.382	0.810	0.878	3.000	3.250	1.565	1.856	1.358	1.373	1.284	1.292	1.219	0.060	0.095	0.015	0.035	0.000	0.276	0.036			
				mm	34.620	34.925	50.648	52.375	57.734	60.503	20.574	22.301	76.200	82.550	39.751	47.137	34.488	34.869	32.624	32.807	30.973	1.524	2.413	0.381	0.889	0.000	7.000				
10	1-1/2"	1.500	8	Inch	1.488	1.500	2.175	2.250	2.480	2.598	0.902	0.974	3.250	3.500	1.690	2.025	1.483	1.498	1.409	1.417	1.344	0.060	0.095	0.015	0.035	0.000	0.315	0.039			
				mm	37.795	38.100	55.245	57.150	62.992	65.989	22.911	24.740	82.550	88.900	42.926	51.435	37.663	38.044	35.796	35.982	34.148	1.524	2.413	0.381	0.889	0.000	8.000				
11	1-5/8"	1.625	8	Inch	1.613	1.625	2.356	2.438	2.686	2.815	0.962	1.038	3.500	3.750	1.795	2.194	1.608	1.623	1.534	1.542	1.469	0.060	0.095	0.015	0.035	0.000	0.354	0.043			
				mm	40.970	41.275	59.842	61.925	68.224	71.501	24.435	26.365	88.900	95.250	45.600	55.732	40.838	41.219	38.969	39.157	37.323	1.524	2.413	0.381	0.889	0.000	9.000				
12	1-3/4"	1.750	8	Inch	1.738	1.750	2.538	2.625	2.893	3.031	1.054	1.134	3.750	4.000	1.940	2.362	1.733	1.748	1.659	1.667	1.594	0.060	0.095	0.015	0.035	0.000	0.354	0.046			
				mm	44.145	44.450	64.465	66.675	73.482	76.987	26.772	28.804	95.250	101.600	49.276	60.007	44.011	44.392	42.139	42.329	40.495	1.524	2.413	0.381	0.889	0.000	9.000				
13	1-7/8"	1.875	8	Inch	1.863	1.875	2.719	2.812	3.099	3.248	1.114	1.198	4.000	4.250	2.071	2.531	1.858	1.873	1.784	1.792	1.719	0.060	0.095	0.015	0.035	0.000	0.394	0.049			
				mm	47.320	47.625	69.063	71.425	78.715	82.499	28.296	30.429	101.600	107.950	52.600	64.280	47.186	47.567	45.309	45.504	43.670	1.524	2.413	0.381	0.889	0.000	10.000				
14	2"	2.000	8	Inch	1.988	2.000	2.900	3.000	3.306	3.464	1.175	1.263	4.250	4.500	2.190	2.688	1.983	1.998	1.909	1.917	1.844	0.060	0.095	0.015	0.035	0.000	0.394	0.052			
				mm	50.495	50.800	73.660	76.200	83.972	87.986	29.845	32.080	107.950	114.300	55.626	68.580	50.361	50.742	48.481	48.679	46.845	1.524	2.413	0.381	0.889	0.000	10.000				
15	2-1/4"	2.250	8	Inch	2.238	2.250	3.262	3.375	3.719	3.897	1.327	1.423	-	5.000	2.440	3.037	2.233	2.248	2.158	2.166	2.094	0.060	0.095	0.015	0.035	0.000	0.433	0.059			
				mm	56.845	57.150	82.855	85.725	94.463	98.984	33.706	36.144	-	127.000	61.976	77.152	56.708	57.089	54.823	55.027	53.193	1.524	2.413	0.381	0.889	0.000	11.000				
16	2-1/2"	2.500	8	Inch	2.488	2.500	3.625	3.750	4.133	4.330	1.479	1.583	-	5.500	2.690	3.375	2.483	2.498	2.408	2.416	2.344	0.060	0.095	0.015	0.035	0.000	0.472	0.065			
				mm	63.195	63.500	92.075	95.250	104.978	109.982	37.567	40.208	-	139.700	68.326	85.725	63.058	63.439	61.168	61.366	59.543	1.524	2.413	0.381	0.889	0.000	12.000				
17	2-3/4"	2.750	8	Inch	2.738	2.750	3.988	4.125	4.546	4.763	1.632	1.744	-	6.000	2.940	3.712	2.733	2.748	2.658	2.666	2.594	0.060	0.095	0.015	0.035	0.000	0.512	0.072			
				mm	69.545	69.850	101.295	104.775	115.468	120.980	41.453	44.298	-	152.400	74.676	94.297	69.406	69.787	67.513	67.724	65.890	1.524	2.413	0.381	0.889	0.000	13.000				
18	3"	3.000	8	Inch	2.988	3.000	4.350	4.500	4.959	5.196	1.815	1.935	-	6.500	3.190	3.712	2.982	2.997	2.908	2.916	2.844	0.060	0.095	0.015	0.035	0.000	0.591	0.079			
				mm	75.895	76.200	110.490	114.300	125.959	131.978	46.101	49.149	-	165.100																	

## Hexagon Cap Screw – ASME B18.2.1

Table 12 Maximum Grip Gaging Lengths, *L<sub>G</sub>*, and Minimum Body Lengths, *L<sub>B</sub>*, for Screws

Nominal Length																	
Nom. Size		1.1/4	1.3/8	1.1/2	1.5/8	1.3/4	1.7/8	2	2.1/8	2.1/4	2.3/8	2.1/2	2.5/8	2.3/4	2.7/8	3	
1/4	L <sub>G</sub> , max/L <sub>B</sub> , min	0.50/0.25	0.63/0.38	0.75/0.50	0.88/0.62	1.00/0.75	1.12/0.88	1.25/1.00	1.38/1.12	1.50/1.25	1.62/1.38	1.75/1.50	1.88/1.62	2.00/1.75	2.12/1.88	2.52/2.00	
5/16	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	0.50/0.22	0.62/0.35	0.75/0.47	0.88/0.60	1.00/0.72	1.12/0.85	1.25/0.97	1.38/1.10	1.50/1.22	1.62/1.35	1.75/1.47	1.88/1.60	2.00/1.72	2.12/1.85	
3/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	0.50/0.19	0.62/0.31	0.75/0.44	0.88/0.56	1.00/0.69	1.12/0.81	1.25/0.94	1.38/1.06	1.50/1.19	1.62/1.31	1.75/1.44	1.88/1.56	2.00/1.69	
7/16	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	0.63/0.27	0.75/0.39	0.88/0.52	1.00/0.64	1.12/0.77	1.25/0.89	1.38/1.02	1.50/1.14	1.62/1.27	1.75/1.39	1.88/1.52	
1/2	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	0.63/0.24	0.75/0.38	0.88/0.49	1.00/0.62	1.12/0.74	1.25/0.86	1.38/0.99	1.50/1.12	1.62/1.24	1.75/1.36	
9/16	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	0.75/0.33	0.88/0.45	1.00/0.58	1.12/0.75	1.25/0.83	1.38/0.96	1.50/1.08	1.62/1.21	
5/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	0.75/0.30	0.88/0.42	1.00/0.55	1.12/0.67	1.25/0.80	1.38/0.92	1.50/1.05	
3/4	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	0.88/0.38	1.00/0.50	1.12/0.62	1.25/0.75	
7/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	0.88/0.32	1.00/0.44
1	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread
1 1/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread
1 1/4	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread
1 3/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread
1 1/2	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread
Nominal Length																	
Nom. Size		3.1/4	3.1/2	3.3/4	4	4.1/8	4.1/2	4.3/4	5	5.1/4	5.1/2	5.3/4	6	6.1/4	6.1/2	6.3/4	
1/4	L <sub>G</sub> , max/L <sub>B</sub> , min	2.50/2.25	2.75/2.50	3.00/2.75	3.25/3.00	3.50/3.25	3.75/3.50	4.00/3.75	4.25/4.00	4.50/4.25	4.75/4.50	5.00/4.75	5.25/5.00	5.25/5.00	5.50/5.25	5.75/5.50	
5/16	L <sub>G</sub> , max/L <sub>B</sub> , min	2.38/2.10	2.62/2.35	2.88/2.60	3.12/2.85	3.38/3.10	3.62/3.35	3.88/3.60	4.12/3.85	4.38/4.10	4.62/4.35	4.88/4.60	5.12/4.85	5.12/4.85	5.38/5.10	5.62/5.35	
3/8	L <sub>G</sub> , max/L <sub>B</sub> , min	2.25/1.94	2.50/2.19	2.75/2.44	3.00/2.69	3.25/2.94	3.50/3.19	3.75/3.44	4.00/3.69	4.25/3.94	4.50/4.19	4.75/4.44	5.00/4.69	5.00/4.69	5.25/4.94	5.50/5.19	
7/16	L <sub>G</sub> , max/L <sub>B</sub> , min	2.12/1.77	2.38/2.02	2.62/2.27	2.88/2.52	3.12/2.77	3.38/3.02	3.62/3.27	3.88/3.52	4.12/3.77	4.38/4.02	4.63/4.27	4.88/4.52	4.88/4.52	5.12/4.77	5.38/5.02	
1/2	L <sub>G</sub> , max/L <sub>B</sub> , min	2.00/1.62	2.25/1.86	2.50/2.12	2.75/2.36	3.00/2.62	3.25/2.86	3.50/3.12	3.75/3.36	4.00/3.62	4.25/3.87	4.50/4.12	4.75/4.36	4.75/4.36	5.00/4.62	5.25/4.86	
9/16	L <sub>G</sub> , max/L <sub>B</sub> , min	1.88/1.46	2.12/1.71	2.38/1.96	2.62/2.21	2.88/2.46	3.12/2.71	3.38/2.96	3.62/3.21	3.88/3.46	4.12/3.71	4.38/3.96	4.62/4.21	4.62/4.21	4.88/4.45	5.12/4.71	
5/8	L <sub>G</sub> , max/L <sub>B</sub> , min	1.75/1.30	2.00/1.55	2.25/1.80	2.50/2.05	2.75/2.30	3.00/2.55	3.25/2.80	3.50/3.05	3.75/3.30	4.00/3.55	4.25/3.80	4.50/4.05	4.50/4.05	4.75/4.30	5.00/4.55	
3/4	L <sub>G</sub> , max/L <sub>B</sub> , min	1.50/1.00	1.75/1.25	2.00/1.50	2.25/1.75	2.50/2.00	2.75/2.25	3.00/2.50	3.25/2.75	3.50/3.00	3.75/3.25	4.00/3.50	4.25/3.75	4.25/3.75	4.50/4.00	4.75/4.25	
7/8	L <sub>G</sub> , max/L <sub>B</sub> , min	1.25/0.69	1.50/0.94	1.75/1.19	2.00/1.44	2.25/1.69	2.50/1.94	2.75/2.19	3.00/2.44	3.25/2.69	3.50/2.94	3.75/3.19	4.00/3.44	4.00/3.44	4.25/3.69	4.50/3.94	
1	L <sub>G</sub> , max/L <sub>B</sub> , min	1.00/0.38	1.25/0.62	1.50/0.88	1.75/1.12	2.00/1.38	2.25/1.62	2.50/1.88	2.75/2.12	3.00/2.38	3.25/2.62	3.50/2.88	3.75/3.12	3.75/3.12	4.00/3.38	4.25/3.63	
1 1/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	1.25/0.54	1.50/0.79	1.75/1.04	2.00/1.29	2.25/1.54	2.50/1.79	2.75/2.04	3.00/2.29	3.25/2.54	3.50/2.79	3.50/2.79	3.75/3.04	4.00/3.29	
1 1/4	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	1.25/0.54	1.50/0.79	1.75/1.04	2.00/1.29	2.25/1.54	2.50/1.79	2.75/2.04	3.00/2.29	3.25/2.54	3.25/2.54	3.50/2.79	3.75/3.04	
1 3/8	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	1.50/0.79	1.75/1.04	2.00/1.29	2.25/1.54	2.50/1.79	2.75/2.04	3.00/2.29	3.25/2.54	3.25/2.54	3.50/2.79	
1 1/2	L <sub>G</sub> , max/L <sub>B</sub> , min	Full thread	Full thread	Full thread	Full thread	Full thread	Full thread	1.50/0.67	1.75/0.92	2.00/1.17	2.25/1.42	2.50/1.67	2.75/1.92	2.75/1.92	3.00/2.17	3.25/2.42	

- Total length (L)
- Shank Length (L<sub>B</sub>)
- Total Shank Length (L<sub>G</sub>)

Contact us –

330 EHTP, HSSIIDC, Kundli Industrial Estate  
 Sonapat, Haryana-131028, Ph : 9811009061  
 Email:- [sales@bigboltnut.com](mailto:sales@bigboltnut.com), [kapil@roll-fast.com](mailto:kapil@roll-fast.com)

## Hexagon Cap Screw – ASME B18.2.1

Table 12 Maximum Grip Gaging Lengths,  $L_G$ , and Minimum Body Lengths,  $L_B$ , for Screws

		Nominal Length														
Nom. Size		7	7.1/4	7.1/2	7.3/4	8	8.1/4	8.1/2	8.3/4	9	9.1/4	9.1/2	9.3/4	10	11	12
1/4	LG, max/LB, min	6.00/5.75	6.25/6.00	6.50/6.25	6.75/6.50	7.00/6.75	7.25/7.00	7.50/7.25	7.75/7.50	8.00/7.75	8.25/8.00	8.50/8.25	8.75/8.50	9.00/8.75	10.00/9.75	11.00/10.75
5/16	LG, max/LB, min	5.88/5.60	6.12/5.85	6.38/6.10	6.62/6.35	6.88/6.60	7.12/6.85	7.38/7.10	7.62/7.35	7.88/7.60	8.12/7.85	8.38/8.10	8.62/8.35	8.88/8.60	9.88/9.60	10.88/9.60
3/8	LG, max/LB, min	5.75/5.44	6.00/5.69	6.25/5.94	6.50/6.19	6.75/6.44	7.00/6.69	7.25/6.94	7.50/7.19	7.75/7.44	8.00/7.69	8.25/7.94	8.50/8.19	8.75/8.44	9.75/9.44	10.75/10.44
7/16	LG, max/LB, min	5.62/5.27	5.88/5.52	6.12/5.77	6.38/6.02	6.62/6.27	6.88/6.52	7.12/6.77	7.38/7.02	7.62/7.27	7.88/7.52	8.12/7.77	8.38/8.02	8.62/8.27	9.62/9.27	10.62/10.27
1/2	LG, max/LB, min	5.50/5.12	5.75/5.36	6.00/5.62	6.25/5.87	6.50/6.12	6.75/6.36	7.00/6.62	7.25/6.86	7.50/7.12	7.75/7.36	8.00/7.62	8.25/7.86	8.50/8.12	9.50/8.12	10.50/9.12
9/16	LG, max/LB, min	5.38/4.96	5.62/5.20	5.88/5.46	6.12/5.71	6.38/5.96	6.62/6.21	6.88/6.46	7.12/6.71	7.38/6.96	7.62/7.21	7.88/7.46	8.12/7.71	8.38/7.96	9.38/8.96	10.38/9.96
5/8	LG, max/LB, min	5.25/4.80	5.50/5.05	5.75/5.30	6.00/5.55	6.25/5.80	6.50/6.05	6.75/6.30	7.00/6.55	7.25/6.80	7.50/7.05	7.75/7.30	8.00/7.55	8.25/7.80	9.25/8.80	10.25/9.80
3/4	LG, max/LB, min	5.00/4.50	5.25/4.75	5.50/5.00	5.75/5.25	6.00/5.50	6.25/5.75	6.50/6.00	6.75/6.25	7.00/6.50	7.25/6.75	7.50/7.00	7.75/7.25	8.00/7.50	9.00/8.50	10.00/9.50
7/8	LG, max/LB, min	4.75/4.19	5.00/4.44	5.25/4.69	5.50/4.94	5.75/5.19	6.00/5.44	6.25/5.69	6.50/5.94	6.75/6.19	7.00/6.44	7.25/6.89	7.50/6.94	7.75/7.19	8.75/8.19	9.75/9.19
1	LG, max/LB, min	4.50/3.88	4.75/4.12	5.00/4.38	5.25/4.52	5.50/4.88	5.75/5.12	6.00/5.38	6.25/5.62	6.50/5.88	6.75/6.12	7.00/6.38	7.25/6.62	7.50/6.88	8.50/7.88	9.50/8.88
1 1/8	LG, max/LB, min	4.25/3.54	4.50/3.79	4.75/4.04	5.00/4.29	5.25/4.54	5.50/4.79	5.75/5.04	6.00/5.29	6.25/5.54	6.50/5.79	6.75/6.04	7.00/6.29	7.25/6.54	8.25/7.54	9.25/8.54
1 1/4	LG, max/LB, min	4.00/3.29	4.25/3.54	4.50/3.79	4.75/4.04	5.00/4.29	5.25/4.54	5.50/4.79	5.75/5.04	6.00/5.29	6.25/5.54	6.50/5.79	6.75/6.04	7.00/6.29	8.00/6.29	9.00/7.29
1 3/8	LG, max/LB, min	3.75/3.04	4.00/3.29	4.25/3.54	4.50/3.79	4.75/4.04	5.00/4.29	5.25/4.54	5.50/4.79	5.75/5.04	6.00/5.29	6.25/5.54	6.50/5.79	6.75/6.04	7.75/7.04	8.75/8.04
1 1/2	LG, max/LB, min	3.50/2.67	3.75/2.92	4.00/3.17	4.25/3.42	4.50/3.67	4.75/3.92	5.00/4.17	5.25/4.42	5.50/4.67	5.75/4.92	6.00/5.17	6.25/5.42	6.50/5.67	7.50/6.67	8.50/7.67

Table 13 Length Tolerances for Screws

		Nominal Length					
Nominal Length		1/4 to 3/8	7/16 and 1/2	9/16 to 3/4	7/8 and 1	1 1/8 to 1 1/2	Over 1 1/2
Up to 1 in., incl.		-0.03	-0.03	-0.03	.....	.....	.....
Over 1 in. to 2 1/2 in., incl.		-0.04	-0.06	-0.08	-0.1	-0.12	-0.18
Over 2 1/2 in. to 4 in., incl.		-0.06	-0.08	-0.1	-0.14	-0.16	-0.2
Over 4 in. to 6 in., incl.		-0.1	-0.1	-0.1	-0.16	-0.18	-0.22
Longer than 6 in.		-0.18	-0.18	-0.18	-0.2	-0.22	-0.24