



**NiCKEL**  
SYSTEMS

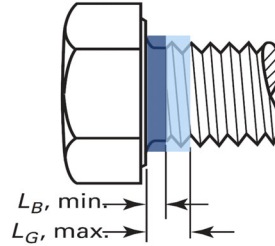
## Hex Head Cap Screws Fully Threaded Minimum Body & Maximum Grip Gaging Length Table



(610)819-5531

[sales@nickel-systems.com](mailto:sales@nickel-systems.com)

[www.nickel-systems.com](http://www.nickel-systems.com)



Nominal Diameter	L <sub>B</sub> Min	L <sub>G</sub> Max						
	All Threads Series	Nominal Lengths	L <sub>G</sub> Max	Nominal Lengths		L <sub>G</sub> Max		
		Less Than or Equal to	All Thread Series	Greater Than	Less Than or Equal to	Coarse Thread (UNC)	Fine Thread (UNF)	8UN Thread
1/4	0.043	0.500	0.075	0.500	1.125	0.125	0.089	---
5/16	0.045	0.625	0.083	0.625	1.250	0.139	0.104	---
3/8	0.048	0.750	0.094	0.750	1.375	0.156	0.104	---
7/16	0.052	0.875	0.107	0.875	1.625	0.179	0.125	---
1/2	0.053	1.000	0.115	1.000	1.750	0.192	0.125	---
9/16	0.075	1.125	0.125	1.125	2.000	0.208	0.139	---
5/8	0.078	1.250	0.136	1.250	2.125	0.227	0.139	---
3/4	0.081	1.500	0.150	1.500	2.500	0.250	0.156	---
7/8	0.105	---	---	---	2.750	0.278	0.179	---
1	0.140	---	---	---	3.000	0.312	0.208	---
1 1/8	0.146	---	---	---	3.500	0.357	0.208	0.312
1 1/4	0.146	---	---	---	3.750	0.357	0.208	0.312
1 3/8	0.154	---	---	---	4.250	0.417	0.208	0.312
1 1/2	0.154	---	---	---	4.500	0.417	0.208	0.312
1 3/4	0.166	---	---	---	5.125	0.500	---	0.312
2	0.173	---	---	---	5.750	0.556	---	0.312
2 1/4	0.173	---	---	---	6.500	0.556	---	0.312
2 1/2	0.183	---	---	---	7.125	0.625	---	0.312
2 3/4	0.183	---	---	---	7.625	0.625	---	0.312
3	0.183	---	---	---	8.125	0.625	---	0.312

See ASME B18.2.1 for more information.