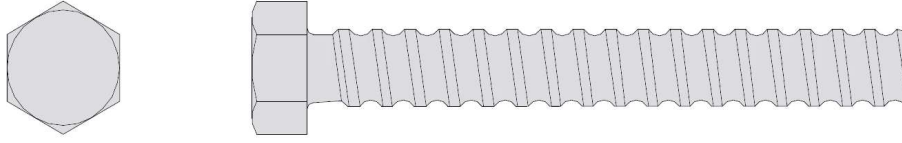
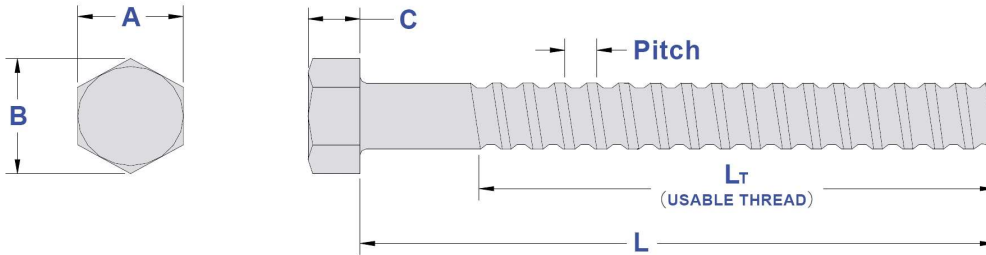


Coil Bolts: Dimensions & Specifications



For fast assembly and disassembly of concrete forms, "coil thread" hex bolts are designed to be used with coiled thread hex nuts or coiled thread wing nuts. The "coil" thread is a large, self-cleaning thread with a rounded root thread shape (it is often advised to coat the threads with lubricant to make removal from concrete easier).



Size	Width Across Flats (A)		Width Across Corners (B)		Head Thickness (C)		Pitch
	Max	Min	Max	Min	Max	Min	
1/2"-6	.750	.725	.866	.826	.364	.302	.1667
3/4"-4 1/2	1.125	1.088	1.299	1.240	.524	.455	.2222

Thread Length - Coil bolts up to 6" in length are usually known as fully threaded, but the long space thread limits the thread length that can be used. The minimum available full thread lengths for the sizes borne by Earnest are listed below.

Size	Length	Usable Thread min	Size	Length	Usable Thread min
1/2-13	1 1/2	1.250	3/4-10	2	1.600
1/2-13	2	1.750	3/4-10	2 1/2	2.100
1/2-13	2 1/2	2.250	3/4-10	3	2.600
1/2-13	3	2.500	3/4-10	4	3.600
1/2-13	4	3.500	3/4-10	5	4.500
1/2-13	5	4.500	3/4-10	6	5.250
1/2-13	6	5.250			

Material - Carbon Steel per ASTM A307 Grade A (60,000 psi tensile strength)

Size		Safe Working Load	
		Tension (lbs)	Shear (lbs)
1/2"-6	Under 6"	4,125	2,750
	6" & longer	6,750	4,500
3/4"-4 1/2		9,000	6,000
1"-3 1/2		18,000	12,000