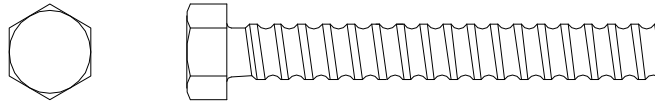
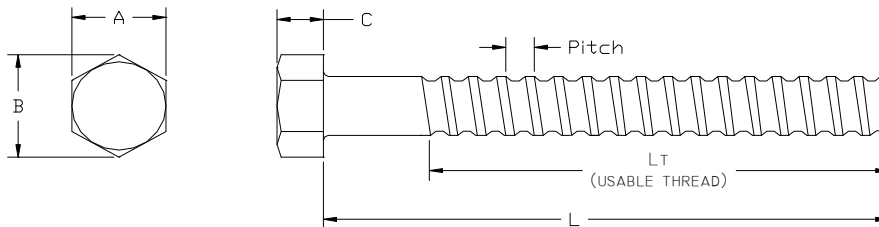


Hex Bolts with Coil Threads



“Coil thread” hex bolts are designed to be used with coiled thread hex nuts or coiled thread wing nuts for quick assembly and disassembly of concrete forms. The “coil” thread is a special wide thread with a rounded root thread form that is designed to be self-cleaning (it is always recommended to coat the threads with a lubricant to ease removal from concrete).



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 in lengths up to 6" are typically classified as fully threaded but the long space thread does limit the usable thread length. Listed below are the minimum usable full thread lengths for the sizes carried by Earnest.

P/N	Size	Length	Usable Thread min	P/N	Size	Length	Usable Thread Min
264010	1/2 – 13	1 1/2	1.250	264032	3/4 - 10	2	1.600
264012	1/2 – 13	2	1.750	264034	3/4 - 10	2 1/2	2.100
264014	1/2 – 13	2 1/2	2.250	264036	3/4 - 10	3	2.600
264016	1/2 – 13	3	2.500	264038	3/4 - 10	4	3.600
264018	1/2 – 13	4	3.500	264040	3/4 - 10	5	4.500
264020	1/2 – 13	5	4.500	264042	3/4 - 10	6	5.250
264022	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