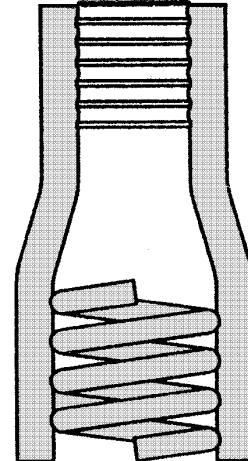
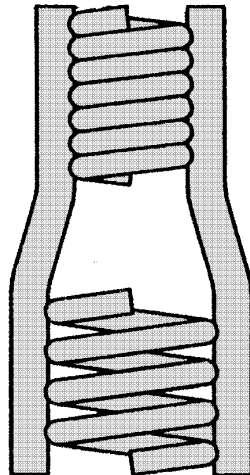


**DESCRIPTION:** Expanded Coil Insert

**APPLICATION:** The Expanded Coil Insert is a cast in place insert, which provides internal, coil or national coarse threads in the concrete. The expanded coil makes this a very high strength insert. Used with a plastic threaded setting plugs or coil loop protectors, they can be attached to the inside of the form for easy embedment.



BOLT	SAFE WORK LOAD	STRUTS	LENGTH	MIN. EDGE DISTANCE
3/4" COIL	4,250 LBS.	2	4-1/2"	6"
3/4" N.C.	4,250 LBS.	2	4-5/8"	6"
1" COIL	6,250 LBS.	4	5-1/2"	7"
1" N.C.	6,250 LBS.	4	5-5/8"	7"
1-1/4" COIL	12,000 LBS.	6	7-1/2"	10"
1-1/4" N.C.	12,000 LBS.	6	7-5/8"	10"
1-1/2" COIL	16,250 LBS.	6	9-1/2"	12"
1-1/2" N.C.	16,250 LBS.	6	9-5/8"	12"

SAFE WORKING LOAD = 4 to 1, AND IS BASED ON 1/2" SET-BACK FROM CONCRETE SURFACE.

MINIMUM CONCRETE COMPRESSIVE STRENGTH = 3,800 PSI