



# COIL LOOP INSERTS

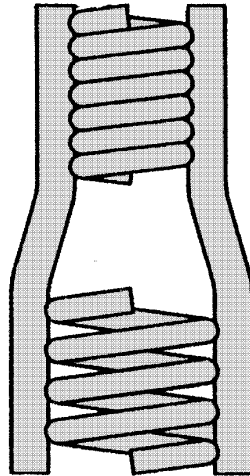
## EXPANDED / OPEN — TECHNICAL DATA SHEET

### DESCRIPTION:

Expanded Coil Inserts are used to distribute applied loads over a larger volume of concrete.

### APPLICATION:

The Expanded Coil Insert is a cast-in-place insert which provides internal coil threads in the concrete. The expanded coil makes this a very high strength insert. Used with 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	WIRE DIAMETER	INSERT LENGTH	MIN. EDGE DISTANCE
3/4" COIL	4,250 LBS.	2	0.440"	4-1/2"	6"
1" COIL	6,250 LBS.	2	0.440"	5-1/2"	7"
1-1/4" COIL	12,000 LBS	4	0.440"	7-1/2"	10"
1-1/2" COIL	16,250 LBS	6	0.440"	9-1/2"	12"
<b>SAFE WORKING LOAD = 4:1 APPROX. BASED ON A 1/2" SET-BACK FROM CONCRETE SURFACE</b>					
<b>MINIMUM CONCRETE COMPRESSIVE STRENGTH = 3,000 PSI</b>					

