



COIL LOOP INSERTS

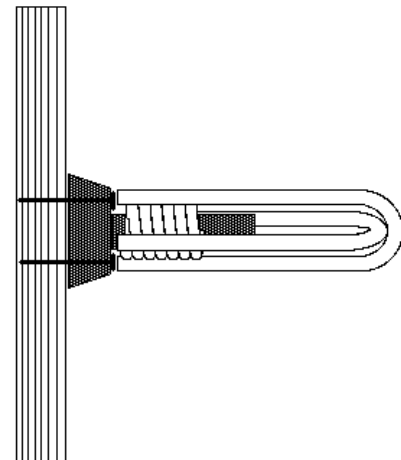
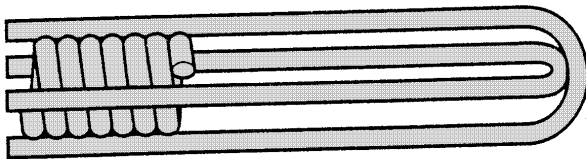
CRISS CROSS INSERTS — TECHNICAL DATA SHEET

DESCRIPTION:

Criss Cross Coil Inserts are a special coil threaded pre-cast concrete insert. Inserts are Electro-Galvanized.

APPLICATION:

The Criss Cross Coil Insert is cast in concrete by attaching it to the form to provide internal coil threads in concrete walls, beams, etc.. Typically, the inserts are attached with a Plastic Coil Loop Protector, or templated in the form with a Coil Bolt. It is important that there be enough space behind the coil to allow a Coil Bolt to penetrate one turn past the coil, in order to achieve the safe working load.



SIZE	WIRE DIAMETER	SAFE WORKING LOAD	MIN. SLAB THICKNESS	WEIGHT
3/4" X 9"	0.306	3,700 LBS.	4"	0.70 LBS.
3/4" X 12"	0.306	4,600 LBS.	4"	0.90 LBS.
1" X 9"	0.306	4,500 LBS.	5-1/2"	0.77 LBS.
1" X 12"	0.306	6,500 LBS.	5-1/2"	0.97 LBS.
1" X 9"	0.375	4,500 LBS.	5-1/2"	1.63 LBS.
1" X 12"	0.375	6,500 LBS.	5-1/2"	2.01 LBS.
1-1/4" X 9"	0.440	4,700LBS.	6"	2.85 LBS.
1-1/4" X 12"	0.440	7,500 LBS.	6"	3.15 LBS.
SAFE WORKING LOAD IS APPROX. BASED ON A 4:1 SAFETY FACTOR				

