



FERRULE LOOP INSERT

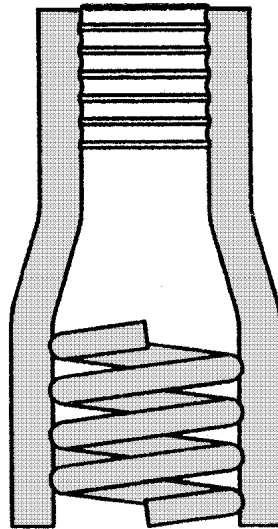
EXPANDED / OPEN INSERT — TECHNICAL DATA SHEET

DESCRIPTION:

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

APPLICATION:

The Expanded Ferrule Insert is a cast-in-place insert which provides internal 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" N.C.	4,250 LBS.	2	0.440"	4-5/8"	6"
1" N.C.	6,250 LBS.	4	0.440"	5-5/8"	7"
1-1/4" N.C.	12,000 LBS	6	0.440"	7-5/8"	10"
1-1/2" N.C.	16,250 LBS	6	0.440"	9-5/8"	12"
SAFE WORKING LOAD = 3:1 SAFETY FACTOR APPROX. BASED ON A 1/2" SET-BACK FROM CONCRETE SURFACE					
MINIMUM CONCRETE COMPRESSIVE STRENGTH = 3,000 PSI					

