



# FERRULE LOOP INSERT

## TECHNICAL DATA SHEET

### DESCRIPTION:

Ferrule Loop Insert is intended for concrete structural connections. Used for suspension of equipment, hanging pipes, plumbing, etc.. Insert is Electro-Plated.

### APPLICATION:

The Ferrule Loop Insert is a cast-in-place insert, which provides internal N.C. threads in the concrete. Used with a plastic threaded setting plug, they can be attached to the inside of the form for easy embedment.



BOLT DIAMETER	LENGTH	WIRE DIAMETER	S.W.L. TENSION (LBS.)	S.W.L. SHEAR (LBS.)	MIN. EDGE DISTANCE
1/4"	2-3/4"	0.243	650	650	5"
3/8"	2-3/4"	0.243	2,000	1,260	5"
1/2"	2-3/4"	0.243	2,000	1,280	5"
5/8"	3-1/2"	0.262	2,000	1,990	5"
3/4"	3-1/2"	0.262	2,200	1,990	5"
7/8"	6"	0.375	5,300	4,060	8"
1"	6"	0.375	5,300	4,060	8"

**S.W.L. IS APPROX. 3:1 BASED ON A 1/2" SET-BACK FROM CONCRETE SURFACE**

**MINIMUM CONCRETE COMPRESSIVE STRENGTH = 3000 PSI**

**THIS INSERT TYPE SHOULD NOT BE USED FOR LIFTING**

