



# PRECAST INSERTS

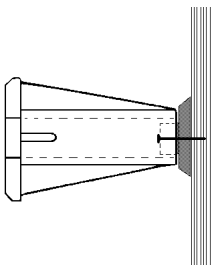
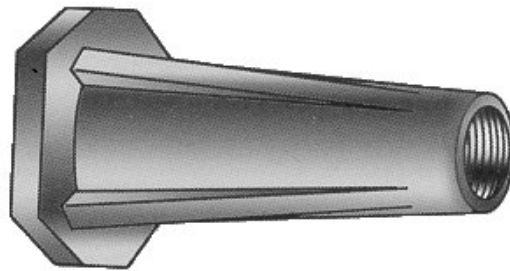
## TECHNICAL DATA SHEET

### DESCRIPTION:

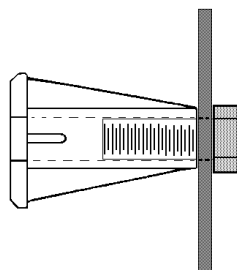
Precast Inserts, also known as Star Inserts, are made of a diecast zinc alloy. They come in 1/2", 5/8", and 3/4" N.C. thread. These rust-resistant Precast Inserts are designed for preplanned placement of threaded fasteners in poured-in-place, precast, or prestressed concrete.

### APPLICATION:

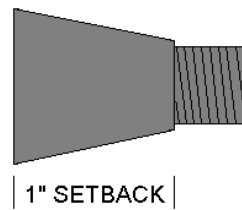
Precast Inserts are installed on wood forms with a threaded plastic plug, and on steel forms with machine bolts as illustrated below. After forms are stripped and plugs are removed, the inserts now provide N.C. internal threads for future fastening applications. This insert should not be used for lifting.



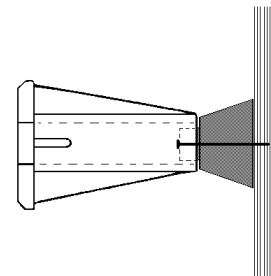
**Plywood Application**



**Steel Form Application**



**1" Set-Back Application**



BOLT SIZE	LENGTH	THREAD DEPTH	3,500 PSI S.W.L.	5,000 PSI S.W.L.
1/2"	1-1/2"	1-1/8"	1,300 LBS.	N/A
1/2"	2-7/8"	2-1/2"	2,700 LBS.	N/A
5/8"	2-7/8"	2-1/2"	3,340 LBS.	N/A
3/4"	3"	2-1/2"	N/A	4,090 LBS.

**SAFE WORKING LOAD IS APPROX. BASED ON A 4:1 SAFETY FACTOR**

