

Hammer-Capsules[®] Drive-In Capsule Anchor



Product Description

The Hammer-Capsule[®] System consists of a self contained, single use, two-part glass capsule into which threaded anchor rod or reinforcing bars can be directly driven without the need for a chisel point or spinning action. It is designed for use in the installation of 3/8" through 1" diameter threaded rod in solid concrete and masonry materials. It can also be used to install reinforcing bars.

Applications

- Anchoring rebar and threaded rods in solid concrete and grouted concrete masonry.
- Steel erection including anchoring of equipment and column base plates
- Use to reduce vibratory loads caused by machinery, moving vehicles, etc.
- Barriers, fencing and railing attachments

Installation

Drill a hole using a carbide tipped bit meeting the diameter requirements of ANSI B212.15 to the minimum depth required as shown in the chart.

Starting from the bottom or back of the anchor hole, blow clean with compressed air, brush the hole with a nylon brush, and blow it clean again.

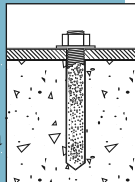
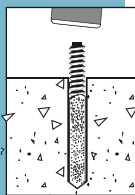
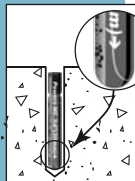
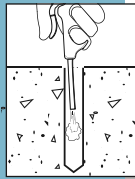
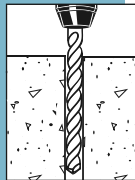
Anchor holes may be dry or damp, but should be free of standing water or frost. Vacuuming only is not sufficient. Blow out bulbs generally do not provide enough dust removal for most drilled anchor holes. Holes should be clean and sound.

Prior to installation check the capsule to be sure it is not damaged and invert several times at 60°F or above to confirm all of the resin is in a liquid state. Insert the capsule into the hole. Be careful to observe the direction of insertion. The arrow on the capsule should point toward the bottom of the hole.

Drive the threaded rod or reinforcing bar into the anchor hole through the capsule until it is fully embedded. A two-pound hammer and eye protection are recommended. A rotary hammer set in "hammering only" mode can also be used. Stop driving immediately upon reaching the bottom of the anchor hole.

Allow the Hammer-Capsule[®] to cure for specified time before loading anchor. Do not disturb the rod once the material has begun to set.

Installation and steel specifications, performance data and design criteria are available upon request.



Hammer-Capsule[®] Drive-In Capsule Adhesive

ITEM CODE	SIZE	*DRILL DIA.	MIN. DEPTH	BOX QTY.	CTN. QTY.
POW 06702	3/8"	7/16"	3-1/2"	10	500
POW 06703	1/2"	9/16"	4-1/4"	10	200
POW 06704	5/8"	11/16"	5"	10	200
POW 06705	3/4"	7/8"	6"	5	50
POW 06706	7/8"	1"	7"	5	50
POW 06707	1"	1-1/8"	8-1/4"	5	50

- The drill bit diameters and depths listed are for installations using threaded rod.

Recommended Setting Time

MINIMUM BASE MATERIAL TEMPERATURES	MINIMUM CURING TIME
68° F.	1 Hour
50° F.	2 Hours
32° F.	5 Hours
23° F.	10 Hours
14° F.	24 Hours

- Cure time should be doubled for wet concrete.

Physical Properties

DESCRIPTION	SIZE
Shelf Life	2 Years
Storage Conditions	Store dry at 40° - 90°F and out of direct sunlight
Installation Temp.	Condition capsules to 60°F minimum for best results
Color	Mixed adhesive mortar-amber
Consistency	Paste mortar

Don't Forget Carbide Drill Bits!

Please look at our Drilling & Cutting Catalog.

