



## Drop-in

### Product Description

A Drop-in anchor is a two steps installation anchor that expands using a setting tool. It has female internal thread that accepts standard UNC threaded rod, from: 1/4" to 3/4" . It installs flush and countersunk. Available sizes are from 1/4" to 3/4".



### Features & Benefits

- ▶ Two-step anchor: Insert anchor and expand it using the setting tool
- ▶ Internal thread for machine bolt or threaded rods
- ▶ Flush and countersunk installation
- ▶ Female thread accepts standard UNC threaded rod, from 1/4" to 3/4"
- ▶ Available sizes are from: 1/4" to 3/4" internal thread

### Product sizes & Materials

- 1/4" - 20 UNC Internal Thread
- 3/8" - 16 UNC Internal Thread
- 1/2" - 13 UNC Internal Thread
- 5/8" - 11 UNC Internal Thread
- 3/4" - 10 UNC Internal Thread

### Perfect for:



Machinery, Pipe Support Systems, Protection net for in ground pool

### Suitable Base Materials

- ▶ Concrete





### Load Capacities

\*The pullout values of **Stainless steel** drop-ins are the same as **Carbon steel** ones.

Material	Size	Product material	Drill Size	Min. Embedment	Thread Length	PULL MAX lbs	PULL SAFE lbs	SHEAR MAX lbs	SHEAR SAFE lbs	PULL MAX kg	PULL SAFE kg	SHEAR MAX kg	SHEAR SAFE kg
Concrete 3000 PSI	1/4" - 20 UNC	Plated Steel	3/8"	1"	7/16"	1140	285	2120	530	517	129	962	240
	3/8" - 16 UNC	Plated Steel	1/2"	1-9/16"	5/8"	2180	545	4585	1146	989	247	2080	520
	1/2" - 13UNC	Plated Steel	5/8"	2"	13/16"	4105	1026	6400	1600	1862	465	2903	726
	5/8" - 11UNC	Plated Steel	7/8"	2-1/2"	13/16"	4665	1166	12380	3095	2116	529	5615	1404
	3/4" - 10 UNC	Plated Steel	1"	3-3/16"	13/16"	8580	2145	15680	3920	3892	973	7112	1778

Material	Size	Product material	Drill Size	Min. Embedment	Thread Length	PULL MAX lbs	PULL SAFE lbs	SHEAR MAX lbs	SHEAR SAFE lbs	PULL MAX kg	PULL SAFE kg	SHEAR MAX kg	SHEAR SAFE kg
Concrete 4000 PSI	1/4" - 20 UNC	Plated Steel	3/8"	1"	7/16"	1985	496	2120	530	900	225	962	240
	3/8" - 16 UNC	Plated Steel	1/2"	1-9/16"	5/8"	4180	1045	4585	1146	1896	474	2080	520
	1/2" - 13UNC	Plated Steel	5/8"	2"	13/16"	5760	1440	6400	1600	2613	653	2903	726
	5/8" - 11UNC	Plated Steel	7/8"	2-1/2"	13/16"	7440	1860	12380	3095	3375	844	5615	1404
	3/4" - 10 UNC	Plated Steel	1"	3-3/16"	13/16"	14405	3601	15680	3920	6534	1633	7112	1778

\*\*Always use safe load capacities

### Tools required



### Installation instructions

1. Drill an appropriate size hole into the wall (click on "Technical Specification" for appropriate drill sizes.)
2. Insert the Drop-in into hole.
3. Insert the Setting tool into the Drop-in anchor and tap it in with a hammer to expand the anchor. Once expanded, remove Setting tool.
4. Insert the bolt through the object you need to affix and insert them into the Drop-in anchor. Turn clockwise until firmly set.

