



# DROP-IN COIL ANCHORS

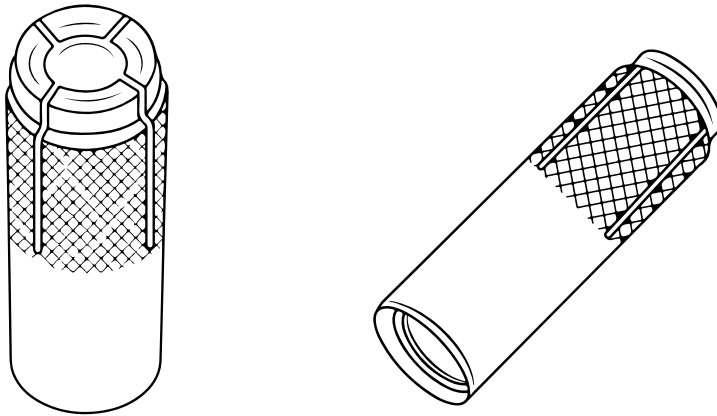
## TECHNICAL DATA SHEET

### **DESCRIPTION:**

Drop-In Anchors are expansion anchors that are internally threaded. Made from stainless steel, these anchors have cross-hatching along the outer edge to help provide extra grip when installing.

### **APPLICATION:**

Drop-In Anchors are used to provide an easier way to build off base material. Used directly with a setting tool, the anchor has a marking system that indicated when the anchor is seated properly.



PRODUCT CODE	SIZE	WEIGHT	PACKAGED	S.W.L.
DROPIN12	1/2"	0.11 LBS. / EA	50	1,025 LBS.
DROPIN34	3/4"	0.48 LBS. / EA	10	2,145 LBS.

**S.W.L. IS APPROX. BASED ON A 2:1 SAFETY FACTOR FOR 2000psi CONCRETE**





# DROP-IN COIL ANCHORS

## LOAD RATINGS — TECHNICAL DATA SHEET

### ALLOWABLE TENSION LOAD

Rod Size (in.)	Drill Bit Dia. (in.)	Embed Depth (in.)	Critical Edge Dist. (in.)	Critical Spacing (in.)	Tension Load						
					f ≥ 2,000psi Concrete			f ≥ 3,000psi Concrete	f ≥ 4,000psi Concrete		
					Ultimate lb.	STD. Dev. lb.	Allowable lb.	Allowable lb.	Ultimate lb.	STD. Dev. lb.	Allowable lb.
1/2"	5/8"	2"	6"	8"	3,320	372	830	1,178	6,100	422	1,525
3/4"	1"	3-1/8"	9"	12-1/2"	8,160	961	2,040	2,365	10,760	1,696	2,690

### ALLOWABLE SHEAR LOAD

Rod Size (in.)	Drill Bit Dia. (in.)	Embed Depth (in.)	Critical Edge Dist. (in.)	Critical Spacing (in.)	Shear Load				
					f ≥ 2,000psi Concrete			f ≥ 3,000psi Concrete	f ≥ 4,000psi Concrete
					Ultimate lb.	STD. Dev. lb.	Allowable lb.	Allowable lb.	Allowable lb.
1/2"	5/8"	2"	7"	8"	7,000	562	1,750	1,750	1,750
3/4"	1"	3-1/8"	10-1/2"	12-1/2"	13,800	1,781	3,450	3,725	4,000

