

Product Image



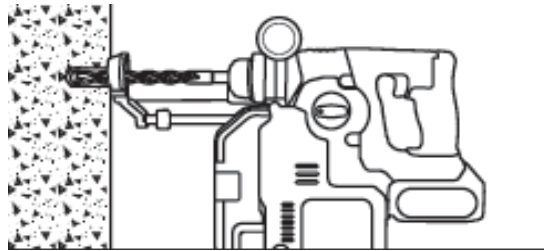
Plastic Anchors – Tapered with Collar

Conical anchors are manufactured via injection molding and are designed to be used in conjunction with a sheet metal or wood screw. They can be used in solid and hollow wall applications, and in concrete, block, or brick. These anchors have a lip to prevent falling into deep holes or hollow walls and are not recommended for use overhead or in applications where holding values are critical.

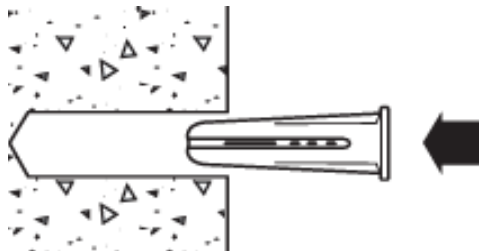
Product Details

PN#	Screw Size	Drill Size	Length
20	4-6-8	3/16"	3/4"
21	6-8-10	3/16"	7/8"
22	8-10-12	1/4"	1"
23	12-14-16	5/16"	1-1/2"

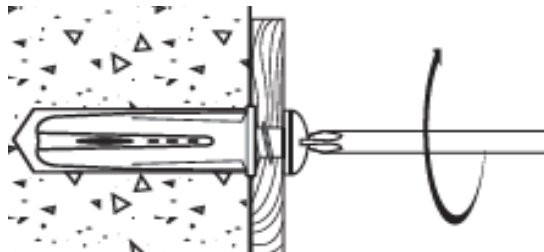
Installation Instructions



1. Drill a hole into the base material to the depth of embedment required. The tolerances of the drill bit used must meet the requirements of ANSI Standard B212.15



2. Blow the hole clean of dust & other material. Tap the anchor into the hole until it is flush with the surface of the base material.



3. Position the fixture and insert the proper size screw through the fixture into the top of the anchor and tighten. Be sure screw thread fully engages the anchor body.

PRODUCT SPECIFICATIONS



Max Load Capacities for Tapered Plastic Anchor with Collar in Normal-Weight Concrete

PN#	Screw Size	Embedment	Minimum Concrete Compressive Strength F'c					
			2.000 psi (13.8 Mpa)		4.000 psi (27.6 Mpa)		6.000 psi (41.4 Mpa)	
			Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs
20	4-6-8	3/4"	185	215	210	240	225	240
21	6-8-10	7/8"	270	235	340	280	420	280
22	8-10-12	1"	350	280	550	350	640	350
23	12-14-16	1-1/2"	840	530	840	575	900	575

Allowable Load Capacities for Tapered Plastic Anchor with Collar in Normal-Weight Concrete

PN#	Screw Size	Embedment	Minimum Concrete Compressive Strength F'c					
			2.000 psi (13.8 MPa)		4.000 psi (27.6 MPa)		6.000 psi (41.4 MPa)	
			Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs
20	4-6-8	3/4"	45	55	55	60	55	60
21	6-8-10	7/8"	65	60	85	70	105	70
22	8-10-12	1"	90	70	140	90	160	90
23	12-14-16	1-1/2"	210	135	210	145	225	145

Max and Allowable Load Capacities for Tapered Plastic Anchor with Collar in Solid and Hollow Clay Brick Masonry

PN#	Screw Size	Embedment	F'm ≥ 1,500 psi (10.4 MPa)			
			2.000 psi (13.8 MPa)		4.000 psi (27.6 MPa)	
			Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs
20	4-6-8	3/4"	180	215	35	45
21	6-8-10	7/8"	290	235	60	45
22	8-10-12	1"	350	280	70	55
23	12-14-16	1-1/2"	840	530	170	105

Max and Allowable Load Capacities for Tapered Plastic Anchor with Collar in Hollow Concrete Masonry

PN#	Screw Size	Embedment	F'm ≥ 1,500 psi (10.4 MPa)			
			2.000 psi (13.8 MPa)		4.000 psi (27.6 MPa)	
			Tension/lbs	Shear/lbs	Tension/lbs	Shear/lbs
20	4-6-8	3/4"	100	230	20	45
21	6-8-10	7/8"	160	260	30	50
22	8-10-12	1"	280	320	55	65
23	12-14-16	1-1/2"	880	500	175	100