

Concrete Insert Plastic

Precast Concrete Inserts are a Plastic cast in place insert for use in common attachment applications in precast elements. The insert accepts a UNC threaded bolt. The Precast Concrete Insert is suitable for attachment applications but is not recommended for lifting or handling applications.

Proper installation requires the insert to be cast perpendicular to the face of the element, with the opening to the threads level to the face of the element. Any misalignment of the insert will result in a reduction of safe working load capacity.



PCI12134PLA

Adapter Plug Plastic



PAP12

Item #	Thread Size	Height	Material	Description	TPI	Weight (lbs)	SWL	Safety Factor	UML/T
Plastic Concrete Insert									
PCI1434PLA	1/4	3/4	Plastic		20				
PCI14112PLA	1/4	1 1/2	Plastic		20				
PCI38112PLA	3/8	1 1/2	Plastic		16		600	3:1	1800
PCI38112PLAPT	3/8	1 1/2	Plastic	Partial Thread	16		600	3:1	1800
PCI12134PLA	1/2	1 3/4	Plastic		13	.04	1100	3:1	3300
PCI12234PLA	1/2	2 3/4	Plastic		13	.06	1880	3:1	5640
PCI583PLA	5/8	3	Plastic		11	.08	2250	3:1	6750
PCI34314PLA	3/4	3 1/4	Plastic		10	.09	2800	3:1	8400

SWL Safe Working Load
UML/T Ultimate Mechanical Load in Tension (lbs)

TPI Threads Per Inch

Item #	Thread Size	TPI	Material
Plastic Adapter Plug			
PAP14	1/4	20	Plastic
PAP38	3/8	16	Plastic
PAP12	1/2	13	Plastic
PAP58	5/8	11	Plastic
PAP34	3/4	10	Plastic
PAP78	7/8	9	Plastic
PAP1	1	8	Plastic

TPI Threads Per Inch