

Concrete Insert Zinc

Precast Concrete Inserts are a Zinc Alloy cast in place insert for use in common attachment applications in precast elements. The insert accepts a UNC threaded bolt, or otherwise as noted. 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.



PCI12112

Adapter Plug Zinc



ZAP12

Item #	Thread Size	Height	Material	Description	TPI	Weight (lbs)	SWL	Safety Factor	UML/T
Zinc Concrete Insert									
PCI10241116	10-24	1 1/16	Zinc Diecast		24	.01			
PCI14112	1/4	1 1/2	Zinc Diecast		20	.05	575	3:1	1725
PCI381	3/8	1	Zinc Diecast		16	.05	1025	3:1	3075
PCI381OB	3/8	1	Zinc Diecast	Open-Bottom	16	.05	1025	3:1	3075
PCI38138	3/8	1 3/8	Zinc Diecast		16	.07	1200	3:1	3600
PCI38138OB	3/8	1 3/8	Zinc Diecast	Open-Bottom	16	.06	1200	3:1	3600
PCI12112	1/2	1 1/2	Zinc Diecast		13	.12	1225	3:1	3675
PCI12112OB	1/2	1 1/2	Zinc Diecast	Open-Bottom	13	.12	1225	3:1	3675
PCI12278	1/2	2 7/8	Zinc Diecast		13	.28	2025	3:1	6075
PCI5811116	5/8	1 11/16	Zinc Diecast		11	.19	1575	3:1	4725
PCI58278	5/8	2 7/8	Zinc Diecast		11	.34	2500	3:1	7500
PCI3411116	3/4	1 11/16	Zinc Diecast		10	0.22	1725	3:1	5175
PCI34278	3/4	2 7/8	Zinc Diecast		10	.32	3125	3:1	9375
PCI12HOL	1/2	2 3/8	Zinc Diecast	Holzlin Insert	13	.16			

SWL Safe Working Load TPI Threads Per Inch
 UML/T Ultimate Mechanical Load in Tension (lbs)

Item #	Thread Size	TPI	Material
Zinc Adapter Plug			
ZAP38	3/8	20	Zinc
ZAP12	1/2	20	Zinc
ZAP58	5/8	16	Zinc
ZAP34	3/4	16	Zinc

TPI Threads Per Inch