



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.



Applications include:

- Prison cells
- Burial vaults
- Utility poles
- Railings
- Machinery
- Benches

Item #	Thread Size	Height	Material	TPI	Weight (lbs)	SWL	Safety Factor	UML/T
Zinc Concrete Insert								
P10T	10-24	1 1/16	Zinc Diecast	24	.01			
P15T	1/4	1 1/2	Zinc Diecast	20	.05	575	3:1	1725
P24T	3/8	1	Zinc Diecast	16	.05	1025	3:1	3075
P25T	3/8	1 3/8	Zinc Diecast	16	.07	1200	3:1	3600
P35T	1/2	1 1/2	Zinc Diecast	13	.12	1225	3:1	3675
P36T	1/2	2 7/8	Zinc Diecast	13	.28	2025	3:1	6075
P45T	5/8	1 11/16	Zinc Diecast	11	.19	1575	3:1	4725
P46T	5/8	2 7/8	Zinc Diecast	11	.34	2500	3:1	7500
P55T	3/4	1 11/16	Zinc Diecast	10	0.22	1725	3:1	5175
P56T	3/4	2 7/8	Zinc Diecast	10	.32	3125	3:1	9375

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

Tests were performed in 5000 PSI concrete

Adapter Plug Zinc



Item #	Thread Size	TPI	Material
Zinc Adapter Plug			
AP38	3/8	16	Zinc
AP12	1/2	13	Zinc
AP58	5/8	11	Zinc
AP34	3/4	10	Zinc

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