

# UCAN

FASTENING PRODUCTS

# PRE-CAST CONCRETE INSERTS

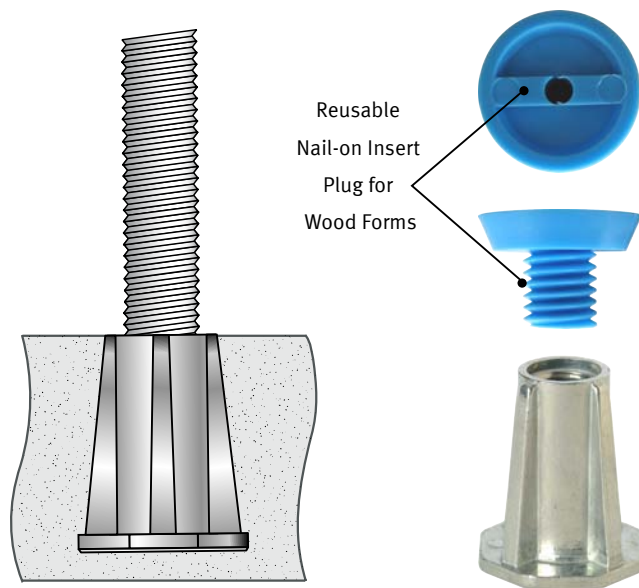
**CAST ZAMAC 5 ZINC ALLOY  
IDEAL FOR POUR-IN-PLACE  
CONCRETE STRUCTURES**

## DESCRIPTION

The PZI insert is designed for pre-planned fastening in concrete. It provides rustproof threaded metal holes in precast, pre-stressed or poured-in-place concrete. The PZI insert is die cast of a zinc alloy (ZAMAC 5), which provides excellent resistance to atmospheric conditions and will not mar or stain finished installations.

## FEATURES

- Ideal for use in precast units and poured-in-place concrete structures where fastener locations can be precisely planned.
- Economically-eliminates costly drilling and masonry anchor installation.
- Made of rustproof zamac alloy to prevent surface staining.
- Install with bolts through holes in steel forms or by means of reusable ZAMAC 5 alloy plugs on wood forms.



Over-tapped ASTM sizes for galvanized bolts	
Part No.	Size
PZI 350T	1/2 x 1-1/2
PZI 450T	5/8 x 1-11/16
PZI 460T	5/8 x 2-7/8
PZI 550T	3/4 x 1-11/16

INSTALLATION & LOAD DATA				
Part No.	Size (Inches)	Ultimate Tension Load		PLUGS
		2,500 psi Concrete	5,000 psi Concrete	Thread Size
PZI 10	10-23 x 11/16	N/A	850	N/A
PZI 15	1/4 x 1-1/2	2,250	N/A	1/4-20
PZI 24	3/8 x 1	1,850	2,600	3/8-16
PZI 25	3/8 x 1-3/8	2,900	4,600	3/8-16
PZI 35	1/2 x 1-1/2	5,068	5,430	1/2-13
PZI 36	1/2 x 2-7/8	N/A	N/A	1/2-13
PZI 45	5/8 x 1-11/16	6,672	6,835	5/8-11
PZI 46	5/8 x 2-7/8	13,375	N/A	5/8-11
PZI 55	3/4 x 1-11/16	6,910	8,205	3/4-10
PZI 56	3/4 x 3	N/A	16,375	3/4-10

AVAILABLE FROM STOCK

Note: Apply Safety Factor to ensure the working load per anchor does not exceed 1/4 of the tabulated ultimate load, under static loading conditions. Loads are provided as guide values only.

## TYPICAL APPLICATIONS

- Air Ducts
- Traffic Lights
- Theatre Chairs
- Conveyor Systems
- Electrical
- Heavy Machinery
- Railings
- Park Benches
- Utility Poles
- Line Machinery
- Wall Panels
- Machinery Mounts

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