

#### ► DESCRIPTION

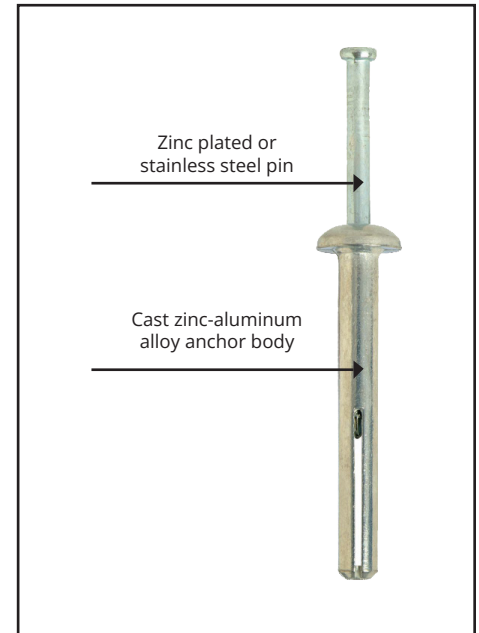
The UCAN Zamac pinbolt is a light duty, tamperproof anchor which has a zinc plated or stainless steel pin preassembled with a body made from a corrosion resistant zinc/aluminum alloy. They are ideal for all masonry materials including concrete, hollow block, brick and precast.

#### ► TYPICAL APPLICATIONS

- Flashing
- Brick ties
- Stud wall
- Lightweight fixtures, signs
- HVAC straps
- Conduit fittings

#### ► FEATURES

- Tamperproof
- One piece construction
- Anchor size is hole size
- Through fastening
- Corrosion resistant body
- Available with stainless



#### ► ANCHOR SELECTION

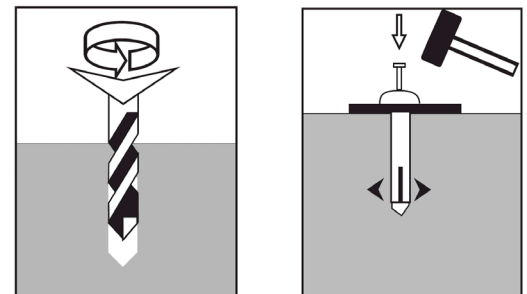
Part Number		Length	Fastens up to	Drill Bit Diameter
Zinc Plated Pin	Stainless Steel Pin	inch	inch	inch
ZAM 31678	--	7/8	1/4	3/16
ZAM 141	ZAM 141SS	1	1/4	1/4
ZAM 14114	ZAM 14114SS	1-1/4	1/2	1/4
ZAM 14112	ZAM 14112SS	1-1/2	3/4	1/4
ZAM 142	ZAM 142SS	2	1-1/4	1/4
ZAM 143	--	3	2-1/4	1/4

#### ► DESIGN DATA

Diameter	Embedment	3600 psi (25 MPa) Concrete	
		Pullout	Shear
inch	inch	lbs (kN)	lbs (kN)
3/16	3/4	500 (2.22)	725 (3.23)
1/4	3/4	710 (3.16)	1,100 (4.89)
1/4	1	1,020 (4.54)	1,100 (4.8)

**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.

#### ► INSTALLATION



#### ► IMPORTANT NOTES

- For solid concrete, over drilling the hole depth is recommended.
- Not for use in overhead applications.
- Pinbolts are not recommended for use in applications where the anchors will be subjected to eccentric tension (prying) loads. If used, the capacity will be greatly reduced.