

UCAN

FASTENING PRODUCTS

UCAN TZ torque controlled mechanical expansion wedge anchors have a Category 1 classification. They are used to resist static, wind and seismic tension and shear loads in cracked and uncracked normal weight concrete that has a specified compressive strength of between 2,500 psi (17.2 MPa) and 8,500 psi (58.6 MPa). UCAN TZ wedge anchors are fully threaded, zinc plated carbon steel anchors assembled with a unique 3 segment clip. They include a nut and washer and are available in diameters ranging from 3/8" to 3/4".

FEATURES

- Seismic and cracked concrete applications
- Surface, through and stand-off anchoring
- Fast torque - up
- Anchor size = Hole size
- Fully threaded
- Length ID code and "+" symbol (strength design anchor)
- "Dog point" to prevent thread damage during installation

TYPICAL APPLICATIONS:

- Steel base plate
- Storage racking
- Strut and cable tray
- Seating
- Pipe support
- Sprinkler systems

APPROVALS AND LISTINGS:

- IAPMO ER 373
- Code compliant 2012, 2009 and 2006 IBC code
- Code compliant 2012, 2009 and 2006 IRC code
- Testing and analysis in accordance with ICC-ES acceptance criteria AC193 for mechanical anchors in concrete elements and ACI 355.2-07 qualification of post installed anchors in concrete.
- Meets CSA A23.3-14, Annex D requirements
- UL Listed File # EX. 4936

LIMITATIONS:

Not recommended for use in uncured concrete (less than 21 days old)

TECHNICAL DATA:

<http://tinyurl.com/ucantzwed>

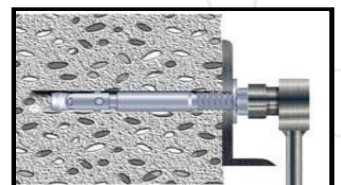
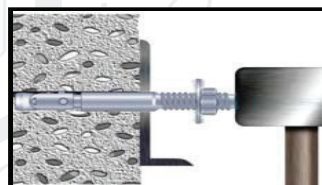
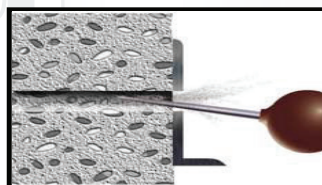
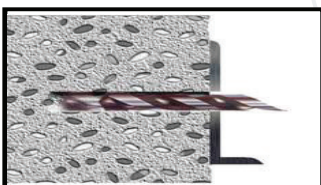


TZ WEDGE ANCHOR



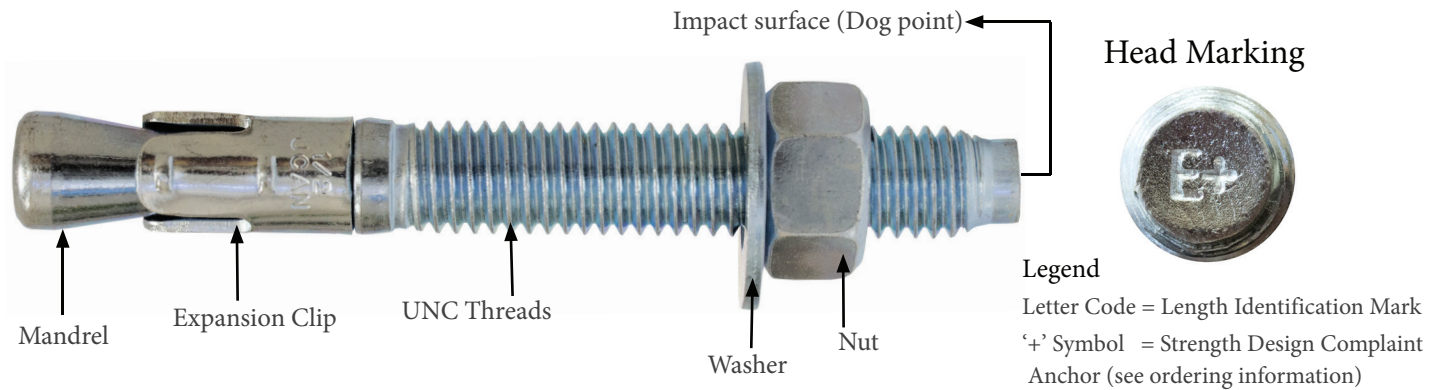
INSTALLATION:

To ensure optimal anchor performance, use **UCAN** ANSI compliant drill bits.



TZ WEDGE ANCHOR

IAPMO - ER 373



Product Ordering Information

PART NUMBER	ANCHOR SIZE (in.)	THREAD LENGTH (in.)	BOX QTY	CASE QTY
WED 383	3/8 X 3	1-1/2	50	400
WED 38334	3/8 X 3-3/4	2-1/4	50	400
WED 385	3/8 X 5	3-5/8	100	300
WED 12234	1/2 X 2-3/4	1-1/8	50	150
WED 12334	1/2 X 3-3/4	2-1/8	50	150
WED 12412	1/2 X 4-1/2	2-5/8	50	150
WED 12512	1/2 X 5-1/2	3-1/2	50	150
WED 127	1/2 X 7	4	25	75
WED 12812	1/2 X 8-1/2	4	25	75
WED 1210	1/2 X 10	4	25	75
WED 58312	5/8 X 3-1/2	1-5/8	25	75
WED 58412	5/8 X 4-1/2	2-5/8	25	75
WED 585	5/8 X 5	3-1/8	25	75
WED 586	5/8 X 6	4	25	75
WED 587	5/8 X 7	4	20	60
WED 58812	5/8 X 8-1/2	4	20	60
WED 5810	5/8 X 10	4	15	45
WED 34414	3/4 X 4-1/4	2	20	60
WED 34434	3/4 X 4-3/4	2-1/2	20	60
WED 34512	3/4 X 5-1/2	3-1/4	20	60
WED 34614	3/4 X 6-1/4	4	15	45
WED 347	3/4 X 7	4	15	45
WED 34812	3/4 X 8-1/2	4	10	30
WED 3410	3/4 X 10	4	10	30
WED 3412	3/4 X 12	4	10	30

Material Specification:

- Anchor Body: Carbon Steel
- Hex Nut: Carbon Steel ASTM A 563
- Washer: Carbon Steel ASTM F 844
- Expansion Clip: Carbon Steel
- Corrosion Protection: Zinc plated ASTM B 633



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