

WT7 Throughbolt Anchors

Product overview

The WT7 is a high-performance zinc plated throughbolt anchor with two installation depths for use in non-cracked concrete in indoor environments.



ETA Option 7
ETA-21/0366



Anchor Software

Material
Steel, zinc plated

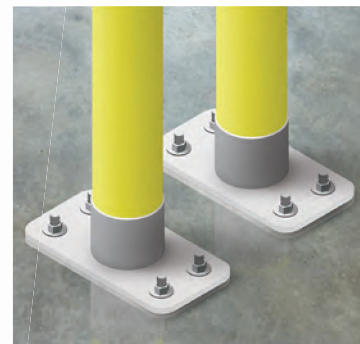


Features and benefits

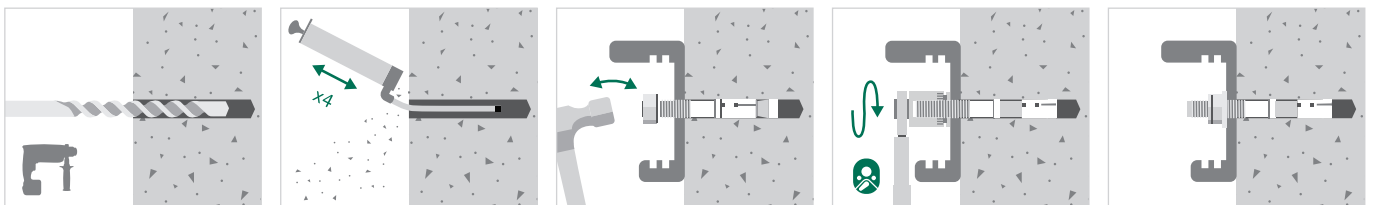
- ETA according to EAD 330747-00-0601 for use in non-cracked concrete (option 7).
- Simple and quick installation procedure.
- For medium to heavy loads.
- Can be installed as pre-fixing (before application of a fixing plate) or as through-fixing (through hole of the fixing plate).
- Two anchoring depths provide maximum installation and design flexibility.

Substrate type

- Non-cracked concrete



Installation guide



Product information



Part No.	Description	Anchor Size	L (mm)	Box qty (pcs)
608106070	WT7 6x70	6	70	200
608106080	WT7 6x80	6	80	200
608106090	WT7 6x90	6	90	200
608108075	WT7 8x75	8	75	100
608108090	WT7 8x90	8	90	100
608108100	WT7 8x100	8	100	100
608108115	WT7 8x115	8	115	100
608110080	WT7 10x80	10	80	100
608110090	WT7 10x90	10	90	100
608110100	WT7 10x100	10	100	100
608110115	WT7 10x115	10	115	50
608110120	WT7 10x120	10	120	50
608110140	WT7 10x140	10	140	50
608112090	WT7 12x90	12	90	50
608112100	WT7 12x100	12	100	50
608112110	WT7 12x110	12	110	50
608112120	WT7 12x120	12	120	50
608112130	WT7 12x130	12	130	50
608112140	WT7 12x140	12	140	50
608112150	WT7 12x150	12	150	50
608112160	WT7 12x160	12	160	50
608112180	WT7 12x180	12	180	50
608116125	WT7 16x125	16	125	25
608116145	WT7 16x145	16	145	25
608116170	WT7 16x170	16	170	25
608116220	WT7 16x220	16	220	25
608120170	WT7 20x170	20	170	25
608120220	WT7 20x220	20	220	25
608120270	WT7 20x270	20	270	25

Recommended loads*

Option 1 ETA-21/0366 – Single anchors in non-cracked concrete

Part No.	Description	Recommended tension load in C20/25 concrete at standard embedment depth	
		Non-Cracked	Partial Safety factor
		N_{rec} (kN)	γ_{Mc}
608106070	WT7 6x70	3.8	1.8
608106080	WT7 6x80	3.8	1.8
608106090	WT7 6x90	3.8	1.8
608108075	WT7 8x75	6.6	1.8
608108090	WT7 8x90	6.6	1.8
608108100	WT7 8x100	6.6	1.8
608108115	WT7 8x115	6.6	1.8
608110080	WT7 10x80	9.0	1.8
608110090	WT7 10x90	9.0	1.8
608110100	WT7 10x100	9.0	1.8
608110115	WT7 10x115	9.0	1.8
608110120	WT7 10x120	9.0	1.8
608110140	WT7 10x140	9.0	1.8
608112090	WT7 12x90	12.6	1.8
608112100	WT7 12x100	12.6	1.8
608112110	WT7 12x110	12.6	1.8
608112120	WT7 12x120	12.6	1.8
608112130	WT7 12x130	12.6	1.8
608112140	WT7 12x140	12.6	1.8
608112150	WT7 12x150	12.6	1.8
608112160	WT7 12x160	12.6	1.8
608112180	WT7 12x180	12.6	1.8
608116125	WT7 16x125	18.5	1.8
608116145	WT7 16x145	18.5	1.8
608116170	WT7 16x170	18.5	1.8
608116220	WT7 16x220	18.5	1.8
608120170	WT7 20x170	25.1	1.8
608120220	WT7 20x220	25.1	1.8
608120270	WT7 20x270	25.1	1.8

* Recommended loads: apply to correctly installed anchors at maximum embedment depth; include partial safety factor and an overall partial safety factor for action of 1.4. The partial safety factor for action depends on the type of loading and shall be taken from national regulations. All anchor failure modes and the entire relevant product European Technical Assessment must be considered for anchor design.

