

WT7 SSSt Throughbolt Anchors

Product overview

WT7 SST/A4 is a high-performance stainless steel (A4) throughbolt anchor with two installation depths for use in non-cracked concrete in corrosive environments.



ETA Option 7
ETA-21/0366



Anchor Software

Material
Stainless steel (A4)

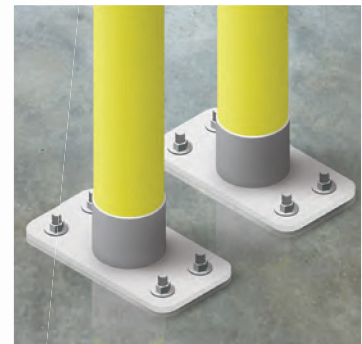


Features and benefits

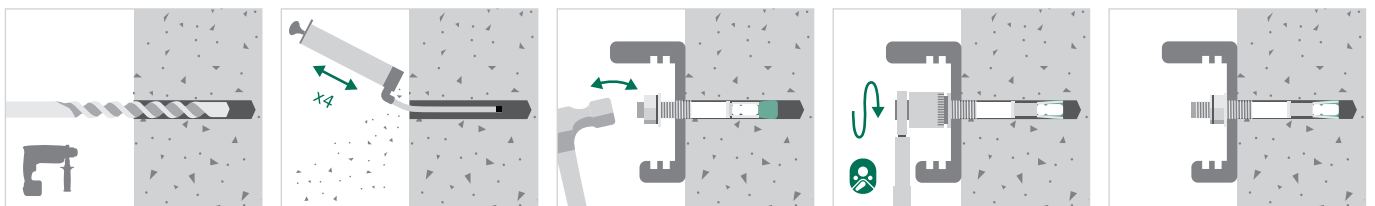
- ETA according to EAD 330747-00-0601 for use in non-cracked concrete (option 7).
- Simple and quick installation procedure.
- For medium to heavy loads.
- Can be installed as pre-fixing (before application of a fixing plate) or as through-fixing (through hole of the fixing plate).
- Two anchoring depths 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)
608206060	WT7 SST/A4 6x60	6	60	200
608206080	WT7 SST/A4 6x80	6	80	200
608208075	WT7 SST/A4 8x75	8	75	100
608208090	WT7 SST/A4 8x90	8	90	100
608208115	WT7 SST/A4 8x115	8	115	100
608210090	WT7 SST/A4 10x90	10	90	100
608210120	WT7 SST/A4 10x120	10	120	50
608210150	WT7 SST/A4 10x150	10	150	50
608212090	WT7 SST/A4 12x90	12	90	50
608212110	WT7 SST/A4 12x110	12	110	50
608212140	WT7 SST/A4 12x140	12	140	50
608216145	WT7 SST/A4 16x145	16	145	25
608216170	WT7 SST/A4 16x170	16	170	25
608220170	WT7 SST/A4 20x170	20	170	20
608220220	WT7 SST/A4 20x220	20	220	20

Recommended loads*

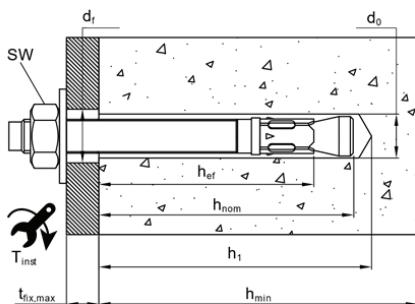
Option 1 ETA-21/0366 – Single anchors in cracked and non-cracked concrete

Recommended tension load in C20/25 concrete at standard embedment depth

Part No.	Description	Non-Cracked	Partial Safety factor
		N_{rec} (kN)	Y_{Mc}
608206060	WT7 SST/A4 6x60	4.3	1.8
608206080	WT7 SST/A4 6x80	4.3	1.8
608208075	WT7 SST/A4 8x75	5.7	1.8
608208090	WT7 SST/A4 8x90	5.7	1.8
608208115	WT7 SST/A4 8x115	5.7	1.8
608210090	WT7 SST/A4 10x90	6.3	1.8
608210120	WT7 SST/A4 10x120	6.3	1.8
608210150	WT7 SST/A4 10x150	6.3	1.8
608212090	WT7 SST/A4 12x90	9.9	1.8
608212110	WT7 SST/A4 12x110	9.9	1.8
608212140	WT7 SST/A4 12x140	9.9	1.8
608216145	WT7 SST/A4 16x145	13.9	1.8
608216170	WT7 SST/A4 16x170	13.9	1.8
608220170	WT7 SST/A4 20x170	19.8	1.8
608220220	WT7 SST/A4 20x220	19.8	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.

Installation data



Part No.	Description	d ₀ (mm)	h ₁ (mm)	h _{min} (mm)	h _{nom} (mm)	h _{uf} (mm)	t _{fix, max} (mm)	T _{inst} (Nm)
608206060	WT7 SST/A4 6x60	6	55	100	Standard 49.5	40	2	7
608206080	WT7 SST/A4 6x80	6	55	100	Standard 49.5	40	22	7
608208075	WT7 SST/A4 8x75	8	50	100	Standard 46.5	35	4	13
		8	65	100	Reduced 59.5	48	18	13
608208090	WT7 SST/A4 8x90	8	50	100	Standard 46.5	35	19	13
		8	65	100	Reduced 59.5	48	33	13
608208115	WT7 SST/A4 8x115	8	50	100	Standard 46.5	35	44	13
		8	65	100	Reduced 59.5	48	58	13
608210090	WT7 SST/A4 10x90	10	60	100	Standard 53.5	42	10	17
		10	75	110	Reduced 66.5	55	23	17
608210120	WT7 SST/A4 10x120	10	60	100	Standard 53.5	42	40	17
		10	75	110	Reduced 66.5	55	53	17
608210150	WT7 SST/A4 10x150	10	60	100	Standard 53.5	42	70	17
		10	75	110	Reduced 66.5	55	83	17
608212090	WT7 SST/A4 12x90	12	70	100	Standard 62	50	2	19
		12	85	130	Reduced 77	65	13	19
608212110	WT7 SST/A4 12x110	12	70	100	Standard 62	50	18	19
		12	85	130	Reduced 77	65	33	19
608212140	WT7 SST/A4 12x140	12	70	100	Standard 62	50	48	19
		12	85	130	Reduced 77	65	63	19
608216145	WT7 SST/A4 16x145	16	110	168	Standard 103.5	84	23	24
608216170	WT7 SST/A4 16x170	16	110	168	Standard 103.5	84	48	24
608220170	WT7 SST/A4 20x170	20	135	206	Standard 125	103	23	30
608220220	WT7 SST/A4 20x220	20	135	206	Standard 125	103	73	30