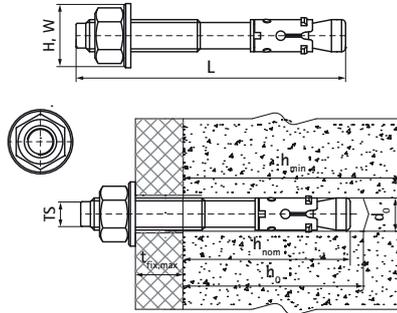


## Walraven WTB1 Throughbolt Anchor SSt

(M9522)

high performance stainless steel expansion anchor for cracked concrete



### Features & benefits

- high load capacity
- pre- and through-fixing
- made of stainless steel for use in external atmospheric environment
- two embedment depths provide installation flexibility
- material: stainless steel A4
- ETA Option 1 approval for cracked and non-cracked concrete
- fire resistance class R30-R120 for design of anchorages under exposure to fire
- substrate type: cracked concrete, non-cracked concrete, stone
- for loads and more information, refer to the product data sheet and/or the ETA report



Product Number	Thread Size	Total Length	Drill Hole Diameter	Drill Hole Depth	Minimum Substrate Thickness	Standard Embedment Depth	Maximum Fixture Thickness	Recommend- ed Load In Cracked Concrete C20/25	Recommend- ed Load In Uncracked Concrete C20/25	Total Height	Total Width
Reference letter	TS	L	d0	h0	hmin	hnom	tfix,max			H	W
Unit description		mm	mm	mm	mm	mm	mm	N	N	mm	mm
609871080	M8	75	8	55	100	55	10	2,380	3,570	13	13
609871081	M8	115	8	55	100	55	50	2,380	3,570	13	13
609871100	M10	95	10	69	100	69	15	4,290	7,620	17	17
609871101	M10	130	10	69	100	69	50	4,290	7,620	17	17
609871120	M12	125	12	80	140	80	30	5,710	11,900	19	19
609871121	M12	150	12	80	140	80	55	5,710	11,900	19	19