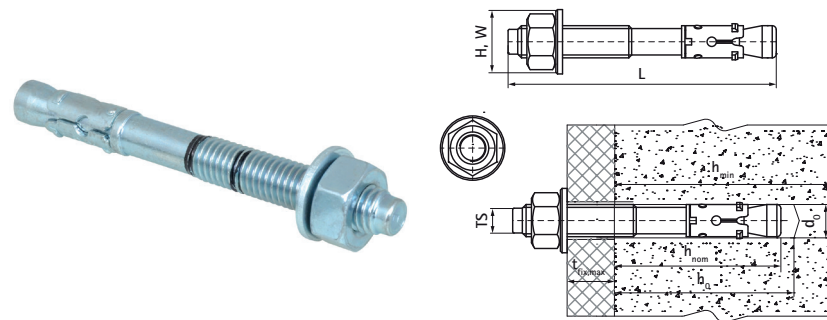


Walraven WTB7 Throughbolt Anchor

(L0345)

high performance expansion anchor for non-cracked concrete



Features & benefits

- high load capacity
- pre- and through-fixing
- two embedment depths provide installation flexibility
- material: steel
- zinc plated
- ETA Option 7 approval for non-cracked concrete
- substrate type: 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 Width x Total Height x Total Length	Total Height Drill Hole Diameter	Drill Hole Depth	Minimum Sub- strate Thickness	Standard Embed- ment Depth	Maximum Fixture Thickness	Recommended Load In Uncracked Concrete C20/25
Reference letter	TS	W x H x L	d0	h0	hmin	hnom	tfix,max	
Unit description		mm x mm x mm	mm	mm	mm	mm	mm	N
609837080	M8	15 x 15 x 75	8	55	100	55	10	4,760
609837081	M8	15 x 15 x 95	8	55	100	55	30	4,760
609837082	M8	15 x 15 x 115	8	55	100	55	50	4,760
609837100	M10	19 x 19 x 95	10	59	100	59	25	4,760
609837101	M10	19 x 19 x 115	10	59	100	59	45	4,760
609837102	M10	19 x 19 x 130	10	59	100	59	60	4,760
609837120	M12	21 x 21 x 100	12	80	136	80	5	9,920
609837121	M12	21 x 21 x 120	12	80	136	80	25	9,920
609837122	M12	21 x 21 x 150	12	80	136	80	55	9,920
609837123	M12	21 x 21 x 180	12	80	136	80	85	9,920
609837160	M16	26 x 26 x 150	16	100	170	100	30	15,710