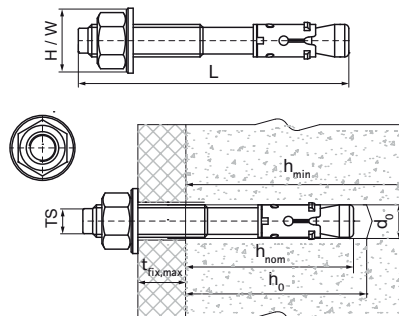


Walraven WT1 Throughbolt Anchor

(L0341)

ultimate performance expansion anchor for cracked concrete



- superior load capacity
- ETA Option 1 approval for cracked and non-cracked concrete
- fire resistance class R30-R120 for design of anchorages under exposure to fire
- seismic performance category C1 and C2 for design of anchorages under seismic action
- complies with VdS CEA 4001: 2024-01 (08) for applications with sprinkler systems in concrete elements
- substrate type: cracked concrete, non-cracked concrete, stone
- pre- and through-fixing
- material: steel
- zinc plated
- for loads and more information, refer to the product data sheet and/or the ETA reports

Product Number	Dimensione filettatura			Profondità del foro di perforazione	Spessore minimo del substrato		Profondità di incasso standard	Classe sismica ETA				
	TS	L	d0	h0	hmin	tfix,max	hnom				H	W
608408080	M8	80	8	60	80	14	55	C1	2.700	3.900	16	16
608408095	M8	95	8	60	80	29	55	C1	2.700	3.900	16	16
608408115	M8	115	8	60	80	49	55	C1	2.700	3.900	16	16
608410090	M10	90	10	75	90	10	68	C1 & C2	5.200	8.500	20	20
608410115	M10	115	10	75	90	35	68	C1 & C2	5.200	8.500	20	20
608410135	M10	135	10	75	90	55	68	C1 & C2	5.200	8.500	20	20
608412110	M12	110	12	80	105	14	80	C1 & C2	7.100	13.300	24	24
608412120	M12	120	12	85	105	24	80	C1 & C2	7.100	13.300	24	24
608412150	M12	150	12	85	105	54	80	C1 & C2	7.100	13.300	24	24
608416145	M16	145	16	105	130	28	97	C1	12.900	16.100	30	30