



GreenTec®



## m1 powerGrip Throughbolt



### FEATURES

- The powerGrip Throughbolt for highest performance in cracked concrete
- European Technical Assessment for cracked and non-cracked concrete
- Resistance under fire exposure F120 is part of the assessment
- The anchor may also be used under seismic influence for performance category C1 and C2
- GreenTec® corrosion protection - Extra long lasting
- Advanced corrosion resistance ≥ 750 hours in salt spray test
- High-quality and stainless steel appearance
- Reduced setting depths for a faster installation
- Innovative clip design; higher loads and best expansion
- Additional slide coating „T5“ ensures an uniform expansion in cracked concrete
- Setting depth mark for correct installation
- Small edge distance and spacing
- Simple setting process due to low hammer-in resistance
- Fast achievement of installation torque
- Pre installation or through fixing
- Indoor applications and unweathered outdoor applications



### APPLICATIONS

Steel constructions, profiles, machines, substructures, high-racks, cable trays, railings, guard rails

## m1 powerGrip Throughbolt with washer DIN 125A

Article code	Anchor- & Drill-Ø mm	Bolt length mm	drilling depth/ reduced setting depth mm	usable length/ reduced setting depth mm	effective anchorage depth/reduced setting depth mm	Unit content	Outer carton quantity	Pallet quantity
	$d_{nom} = d_0$	L	$h_b / h_{b,red}$	$t_{us} / t_{us,red}$	$h_{ef} / h_{ef,red}$	[S]	[SK]	
3100807	8	70	65	5	48	100 [4]	300 [12]	18000
3100808	8	80	65	10	48	100 [4]	300 [12]	18000
3100809	8	95	65	25	48	100 [5]	300 [22]	18000
3100811	8	115	65	45	48	100 [5]	300 [22]	18000
3100816	8	165	65	95	48	50 [5]	150 [22]	9000
3101009	10	95	80/60	15/35	60/40	100 [5]	300 [22]	18000
3101011	10	110	80/60	30/50	60/40	50 [5]	150 [22]	9000
3101012	10	125	80/60	45/65	60/40	50 [5]	150 [22]	9000
3101014	10	140	80/60	60/80	60/40	50 [5]	150 [22]	9000
3101016	10	160	80/60	80/100	60/40	50 [5]	150 [22]	9000
3101018	10	180	80/60	100/120	60/40	25 [5]	75 [22]	4500
3101211	12	110	90	15	70	50 [5]	150 [22]	9000
3101212	12	125	90	30	70	50 [5]	150 [22]	9000
3101214	12	145	90	50	70	25 [4]	75 [12]	4500
3101216	12	165	90	70	70	50 [5]	150 [22]	9000
3101218	12	185	90	90	70	50 [5]	150 [22]	9000
3101613	16	130	110	15	80	25 [5]	75 [22]	4500
3101614	16	145	110	30	80	25 [5]	75 [22]	4500
3101618	16	180	110	60	80	25 [5]	75 [22]	4500

