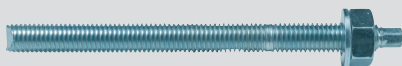


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Threaded Rod FTR

Threaded rod (steel quality 5.8) with pitched area and hexagonal installation drive in zinc-plated and hot-dipped galvanised steel.



FTR, zinc-plated steel



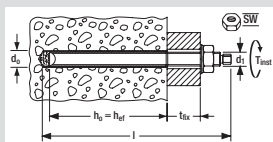
FTR, hot-dipped galvanised steel

DESCRIPTION

- Threaded rod for use with Injection mortar FIS or 2-component resin capsule RM.
- The resin adheres to the entire surface of the threaded rod, bonding it to the wall of the drilled hole.
- For pre-positioned installation.
- Carbon steel grade 5.8.
- Threaded rods are supplied with an easy-to-use hexagonal installation drive and a setting tool included in each package.
- Thread diameter 8 to 30 mm.
- Zinc-plated steel version for indoor use.
- Hot-dipped galvanised version for temporary outdoor fixings.

Suitable for:

- Non-cracked concrete $\geq C12/15$.
- Natural stone with dense structure.



Type	Art. No.	Thread	Nominal drill- \emptyset	Total length	Min. anchorage depth	Max. fixing thickness	Min. drill depth at prior insertion mode	Width across flat	Installation torque	Related glas capsule	Qty. per box
		d_1 M	d_0	l	$h_{ef} \geq$ [mm]	$t_{fix} \leq$ [mm]	h_b [mm]	SW [mm]	T_{inst} [Nm]		[pcs.]

Zinc-plated steel

FTR M8 x 110	45809	8	10	110	80	16	80	13	10	50270 RM 8	10
FTR M8 x 150	502823	8	10	150	80	56	80	13	10	50290 RM 8	10
FTR M10 x 130	45810	10	12	130	90	22	90	17	20	50271 RM 10	10
FTR M10 x 165	52248	10	12	165	90	57	90	17	20	50271 RM 10	10
FTR M12 x 160	45812	12	14	160	110	30	110	19	40	50272 RM 12	10
FTR M12 x 220	52255	12	14	220	110	90	110	19	40	50272 RM 12	10
FTR M16 x 190	45813	16	18	190	125	38	125	24	60	50273 RM 16	10
FTR M16 x 250	52256	16	18	250	125	98	125	24	60	50273 RM 16	10
FTR M20 x 260	45814	20	25	260	170	70	170	30	120	50274 RM 20	10
FTR M22 x 255	52257	22	28	255	170	40	170	30	135	79842 RM 24 E	5
FTR M24 x 300	45815	24	28	300	210	65	210	36	150	50275 RM 24	5
FTR M24 x 350	502750	24	28	350	210	115	210	36	150	50275 RM 24	5
FTR M30 x 380	45816	30	35	380	280	70	280	46	300	50276 RM 30	5

¹⁾ Additional setting tool required

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Threaded Rod FTR

Threaded rod (steel quality 5.8) with pitched area and hexagonal installation drive in zinc-plated and hot-dipped galvanised steel.

Type	Art. No.	Thread	Nominal drill-Ø	Total length	Min. anchorage depth	Max. fixing thickness	Min. drill depth at prior insertion mode	Width across flat	Installation torque	Related glas capsule	Qty. per box
		d_1 M [mm]	d_o [mm]	l [mm]	h_{ef} ≥ [mm]	t_{fix} ≤ [mm]	h_o [mm]	SW [mm]	T_{inst} [Nm]		[pcs.]
Hot-dipped galvanised											
FTR M 8 x 110 hdg	502914	8	10	110	80	16	80	13	10	50270 RM 8	10
FTR M 10 x 130 hdg	531608	10	12	130	90	22	90	17	20	50271 RM 10	10
FTR M 12 x 160 hdg	531609	12	14	160	110	30	110	19	40	50272 RM 12	10
FTR M 16 x 190 hdg	531611	16	18	190	125	38	125	24	60	50273 RM 16	10
FTR M 20 x 260 hdg	531612	20	25	260	170	70	170	30	120	50274 RM 20	10

Type	Art. No.	Thread	Nominal drill-Ø	Total length	Min. anchorage depth	Max. fixing thickness	Min. drill depth at prior insertion mode	Width across flat	Installation torque	Qty. per box
		d_1 UNC [inch]	d_o [inch]	l [inch]	h_{ef} ≥ [inch]	t_{fix} ≤ [inch]	h_1 [inch]	SW [inch]	T_{inst} [Nm]	[pcs.]
Zinc-plated steel										
FTR 3/8 x 5-1/8	50167	3/8	1/2	5 1/8	3 1/2	1	3 1/2	9/16	20	10
FTR 1/2 x 6-1/2	50169	1/2	9/16	6 1/2	4 1/4	1 1/4	4 1/4	3/4	40	10
FTR 5/8 x 7-5/8	50182	5/8	3/4	7 5/8	5	1 3/4	5	15/16	60	10
FTR 3/4 x 9-5/8	50184	3/4	1	9 5/8	6 5/8	2 3/4	6 5/8	1 1/8	120	10
FTR 7/8 x 10	50203	7/8	1	10	7	3 3/4	7	1 5/16	135	10
FTR 1 x 12	50204	1	1 1/8	12	8 1/4	2 1/2	8 1/4	1 1/2	150	5
FTR 1 1/4 x 16	50205	1 1/4	1 7/16	16	10 1/4	2	10 1/4	1 7/8	300	5

Installation

