

Product Information

- Non-Expansion
- Removable
- Suitable for most substrate materials
- One piece fixing
- No special tools required
- Closer to the edge fixing

Key Features

TIMco micro plating technology gives a higher resistance to corrosion and enhances speed of installation

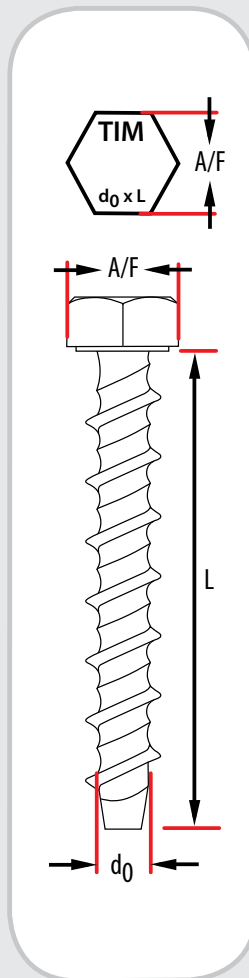
Unique concave thread configuration for ease of insertion and high pull out values



SALT SPRAY
400 hours



KESTERNICH TEST
3 cycles



A/F - Across Flats
L - Length
d₀ - Drill hole diameter

TIMco Multi-Fix Bolt Range

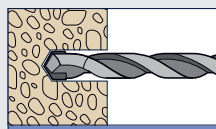
TIMco Code	Size Ø x Length (mm) d x L	Drill Size (mm) d ₀	Length (mm) L	A/F (mm)	Head Type	Max Fixture Thickness (mm) t _{fix}	Fixture Clearance Hole Ø (mm) d _f	Box Qty	Carton Qty	Pallet Qty	Washer Part Code
MF650	6 x 50	6	50	10	Hex Flange	20	8	100	1,000	27,000	WC8Z
MF675	6 x 75	6	75	10		45	8	100	600	16,200	WC8Z
MF6100	6 x 100	6	100	10		55	8	100	600	16,200	WC8Z
MF6130	6 x 130	6	130	10		85	8	100	600	16,200	WC8Z
MF6150	6 x 150	6	150	10		105	8	75	450	12,150	WC8Z
MF860	8 x 60	8	60	15	Hex	20	10	100	600	16,200	WA10Z / WC10Z
MF875	8 x 75	8	75	15		35	10	100	600	16,200	WA10Z / WC10Z
MF8100	8 x 100	8	100	15		60	10	50	500	13,500	WA10Z / WC10Z
MF8130	8 x 130	8	130	15		90	10	50	300	8,100	WA10Z / WC10Z
MF8150	8 x 150	8	150	15		110	10	50	300	8,100	WA10Z / WC10Z
MF1060	10 x 60	10	60	17	Hex	10	12	50	500	13,500	WA12Z / WC12Z
MF1075	10 x 75	10	75	17		25	12	50	300	8,100	WA12Z / WC12Z
MF10100	10 x 100	10	100	17		50	12	50	300	8,100	WA12Z / WC12Z
MF10130	10 x 130	10	130	17		80	12	50	300	8,100	WA12Z / WC12Z
MF10150	10 x 150	10	150	17		100	12	25	150	4,050	WA12Z / WC12Z
MF1275	12 x 75	12	75	19	Hex	15	14	50	300	8,100	WA14Z
MF12100	12 x 100	12	100	19		40	14	25	250	6,750	WA14Z
MF12130	12 x 130	12	130	19		70	14	25	150	4,050	WA14Z
MF12150	12 x 150	12	150	19		90	14	25	150	4,050	WA14Z
MF12200	12 x 200	12	200	19		140	14	25	100	2,700	WA14Z
MF16100	16 x 100	16	100	27	Hex	20	19	10	80	2,160	WA20Z / WC20Z
MF16150	16 x 150	16	150	27		70	19	10	60	1,620	WA20Z / WC20Z



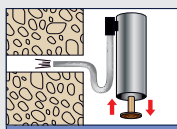
Performance Data

Substrate	Concrete ≥ 25 N/mm ²						Fletton Brick - 30 N/mm ²			Cheshire Brick - 45 N/mm ²			Class B Eng. Brick - 75 N/mm ²		
	6	8	10	12	16	6	8	10	6	8	10	6	8	10	
Size (mm)	6	8	10	12	16	6	8	10	6	8	10	6	8	10	
Length (mm) L	50-75	100-150	All	All	All	-	-	-	-	-	-	-	-	-	
Hole Ø in substrate (mm) d ₀	6	6	8	10	12	6	8	10	6	8	10	6	8	10	
Min Embedment Depth (mm)	30	45	40	50	60	30	40	50	30	40	50	30	40	50	
Min Drill Hole Depth (mm) h ₀	40	55	55	70	85	40	55	70	40	55	70	40	55	70	
Min Centre Spacing (mm) s _{min}	90	140	120	150	180	-	-	-	-	-	-	-	-	-	
Min Edge Distance (mm) c _{min}	45	70	60	75	90	-	-	-	-	-	-	-	-	-	
Min Structure Thickness (mm) h _{min}	60	100	90	110	125	-	-	-	-	-	-	-	-	-	
Performance at Standard and Deeper embedment depths															
Effective Embedment depth (mm) h _{ef}	30	45	40	60	50	75	60	85	80	30	40	50	30	40	50
Rec. Tensile Load (kN) N _{rec}	2.44	6.23	3.93	8.36	5.49	12.21	8.97	13.00	13.5	2.28	2.68	3.18	1.36	2.19	3.26
Rec. Shear Load (kN) V _{rec}	3.00	-	7.46	-	-	-	-	-	-	-	-	-	-	-	-

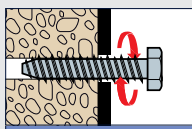
Installation Guidelines



1 Drill
Drill the hole 90° to the substrate. Always drill to the stated hole depth for dust and debris.



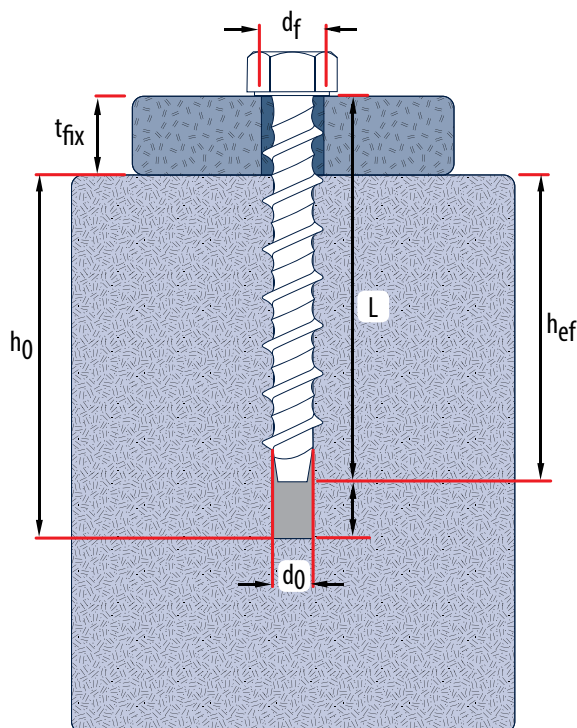
2 Clean
Clean the hole by blowing out the dust and debris.



3 Fix
Screw the bolt into the hole whilst applying slight pushing pressure to the bolt.

Installation Data (C20/25 Concrete)

Anchor Size (mm)	6	8	10	12	16
Length (mm) (L)	50-75	100-150	60-150	60-150	75-200
A/F Socket (mm)	10	10	15	17	19
Hole Ø in substrate (mm) d ₀	6	6	8	10	12
Min Embedment Depth (mm) (h _{ef})	30	45	40	50	60
Fixture Clearance Hole (mm) (d _f)	8	8	10	12	14
Max Fixture Thickness (mm) (t _{fix})	Length - Embedment Depth (L - E)				
Over Drill Depth (mm) (Ø)	10	10	15	20	25
Drill Hole Depth (mm) (h ₀)	Length - Actual Fixture Thickness + Over Drill Depth				



Applications

