

TAME

Denomination: **METAL PLUG**

Codes: **TAME**

Reference: **FT TAME-en**

Date: **03/07/17**

Revision: **1**

Page: **1 of 4**



TA-ME

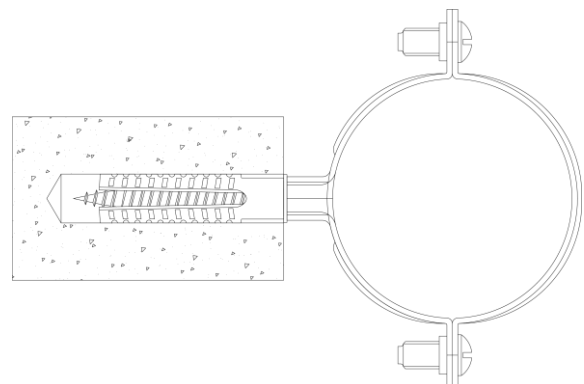
CHARACTERISTICS

- 4-segment, expansion, metal anchor.
- Expandable by using a wood screw or any type of steel bolt through it.
- To be used on concrete, natural stone, solid brick, aerated concrete, etc.
- Easy installation.
- Recommended for light duty fixings.

BASE MATERIAL



APPLICATION EXAMPLES



Use: clamps, cable, gas pipes installation, etc.

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1. RANGE

ITEM	CODE	SIZE	PHOTO	MATERIAL
1	TA-ME	From 5 x 30 mm until 10 x 60 mm		Zinc plated steel

2. INSTALLATION DATA

TA-ME

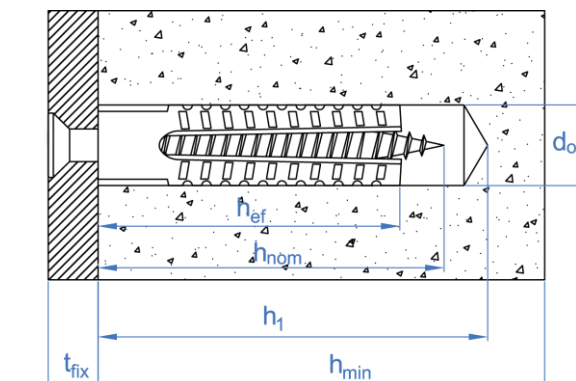
Metal plug



TA-ME

Installation Data

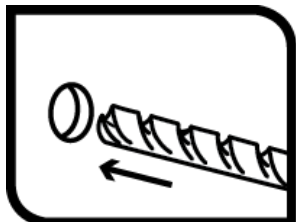
CODE		TAME05030	TAME06032	TAME08038	TAME08060	TAME10060
General dimension ($\emptyset \times L$)		5x30	6x32	8x38	8x60	10x60
$\emptyset d_0$: drill bit diameter	[mm]	5	6	8	8	10
d_w : recommended screw diameter	[mm]	4,5	4,5 - 5	5 - 6	5 - 6	6 - 8
h_1 : drill hole depth	[mm]	40	40	50	70	70
h_{ef} : effective depth	[mm]	30	32	38	60	60
h_{nom} : overall embedment depth $\geq$	[mm]	35	37	43	65	65
h_{min} : minimum thickness of base material $\geq$	[mm]	60	60	70	120	120
c_{min} : minimum edge distance $\geq$	[mm]	120	120	140	240	240
s_{min} : minimum spacing $\geq$	[mm]	60	60	70	120	120
t_{fix} : maximum thickness of fixture $\leq$	[mm]	L - 35	L - 37	L - 43	L - 65	L - 65



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3. INSTALLATION PROCEDURE

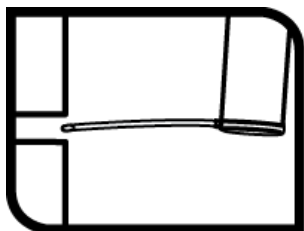


1. DRILLING

Check concrete is well compacted and porosity insignificant..

Drilling must be performed at the specified minimum depth and diameter in the previous table.

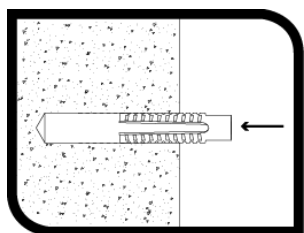
Switch drill to hammer mode in case of drilling in concrete.



2. BLOW AND CLEAN

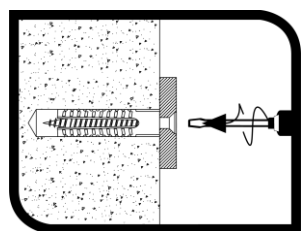
Clean hole of dust and debris.

Use blow-pump and cleaning brushes



3. INSTALL

Insert the plug through base material. Have to be done till the edge.



4. APPLY THE TORQUE

Set the fixture and screw the bolt without applying and excessive tightening torque.

5. PREVIOUS CONSIDERATIONS

In order to select screw length apply this approximated rule:

Screw length = $t_{fix} + L + 5mm$

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4. RESISTANCES

The maximum load recommended, for an isolated anchor (without spacing and edge distance effects) it is specified in the following table.

MAXIMUM LOADS RECOMMENDED	
CODE	LOAD [kg]
TAME05030	20
TAME06032	22
TAME08038	40
TAME08060	47
TAME10060	52