



TC-MA

CHARACTERISTICS

- 2 directions high expansion metal plug made of corrosion resistant zamak alloy
- Different diameters and lengths: assembly flexibility.
- Better temperature resistance than plastic plugs.
- Zamak alloy plug.
- Zinc-plated carbon steel nail.
- Hammer-in plug, no extra tools needed.
- Recommended for solid materials.

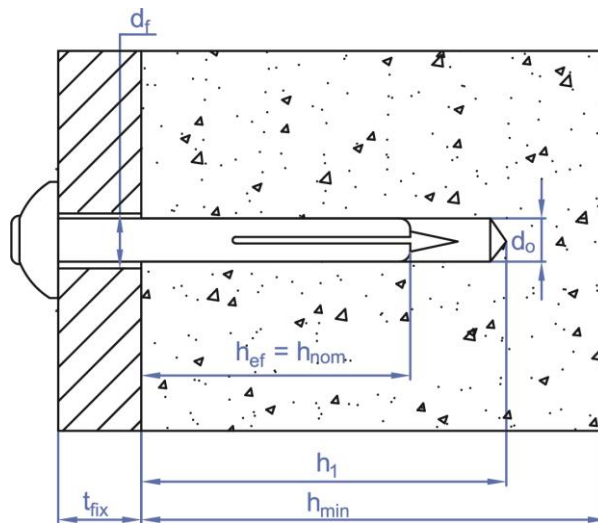
2. INSTALLATION DATA

2.1 TC-MA Metal hammer-in plug



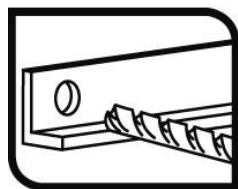
Installation data

CODE	d_o : \emptyset Drill bit diameter	d_f : Fixture clearance hole	Anchor length	h_1 : depth of drill hole	h_{nom} : Installation depth	h_{min} : Minimum base material thickness	t_{fix} : Maximum thickness of fixture	Nail
TCMA05022	5	6	22	37	15	100	7	5 x 32
TCMA06030	6	8	30	47	25	100	5	6 x 42
TCMA06040			40	55			15	6 x 50
TCMA06050			50	66			25	6 x 61



3. INSTALLATION PROCEDURE

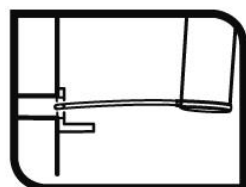
TCCA / TCA2 / TCCC



1. DRILL

Check concrete is well compacted and porosity insignificant.

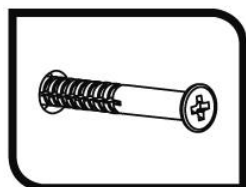
Drilling must be performed at the specified minimum depth and diameter in the previous table.



2. BLOW AND CLEAN

Clean hole of dust and debris.

Use blow-pump and cleaning brushes.



3. INSTALL

Insert hammering anchor through fixture and hammer in until it is completely inserted. In those applications where it is not possible to use the hammer, use a screwdriver.

4. RESISTANCES

The maximum recommended loads in C20/25 non-cracked concrete for an isolated anchor (without spacing and edge distance effects) once the partial safety factor ($\gamma_F= 1.4$) is applied are specified in the table:

MAXIMUM RECOMMENDED LOADS

CODE	TENSION [kg]
TCMA05022	44
TCMA06030	110
TCMA06040	110
TCMA06050	110