

TCO CE Steel anchor with inner thread for bolts and threaded rods

APPLICATION

It is used to fasten **medium-heavy loads on non-cracked concrete**.

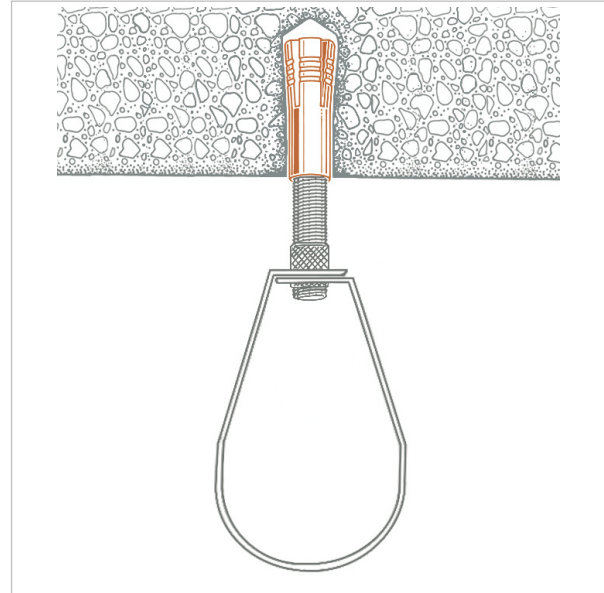
It is particularly suitable - in **fire protection systems** - to fasten hanging items with threaded rods.

FM certified.

It can also be used to fasten false ceilings, hanging items, brackets, strut channels, pipelines, ventilation and heating systems.

FEATURES AND BENEFITS

- > Steel anchor provided with European technical evaluation to be **used on non-cracked concrete**.
- > Suitable even for non-cracked concrete walls with narrow thickness.
- > Since it is **already provided with a expansion cone with works under percussive**, it can be used with any kind of screw.
- > **Provided with inner thread.** In order to expand the expansion cone properly use the specific installation tool.
- > It is perfect for hanging applications made with threaded rods.
- > Once it has been fastened, the item can be removed without affecting the anchor's expansion.
- > **Fast installation guaranteed.**



ETAG 001-04
to be used on
non-cracked concrete



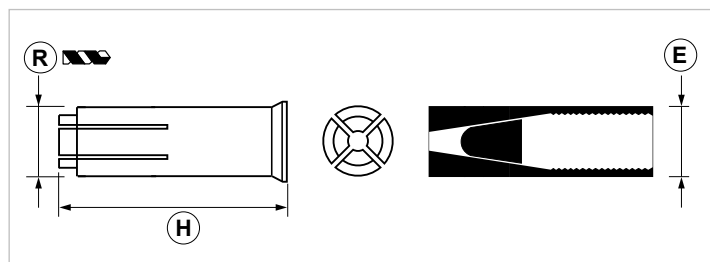
ETAG 001-046
for multiple non-structural
applications on
non-cracked concrete



For M10 and M12



R30-R120



COD	TYPE	Min. drilling depth (mm)	Min. screwing depth (mm)	E	H	R
100250	TCO CE 8X30	30	13	M8	30	10
100255	TCO CE 10X40	40	15	M10	40	12
100260	TCO CE 12X50	50	18	M12	50	15

ANCHORS AND SEALANTS

METAL ANCHORS

MATERIALS TECHNICAL DATA

ANCHOR

Steel 4.8 EN ISO 898-1 with electro zinc plating 7-8 µm, with European technical evaluation for use on non-cracked concrete

BASE MATERIAL

Non-cracked concrete

RECOMMENDED LOADS

TYPE	A
TCO CE 8x30	160
TCO CE 10x40	360
TCO CE 12x50	500

A= tensile strength

Recommended load is the average resistance loads with a safety coefficient.

Data expressed in daN. 1 daN=1kg.

Tested on C20/25 NON-cracked concrete.

INSTALLATION

Use a drill with a proper drill bit. Make a hole with proper diameter and depth, then clean it from the drilling dust. Insert the anchor and expand it by hitting its cone using the installation tool. Set the object that must be fastened, insert a suitable screw and clamp it.

PACKAGING

In cardboard box

RELATED ITEMS

> PE - Setting tool for steel anchors

DATE 06-2023 REV. 01

The current technical data sheet substitutes and cancels the previous ones. The details provided fit our current knowledge of the product. It cannot lead us to any sort of responsibility or compensation.

Gia S.p.A. reserves the right of changing technical features and molds without notice.

This company is subject to "Ethica Global Investments S.p.A." management.

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