



TCO

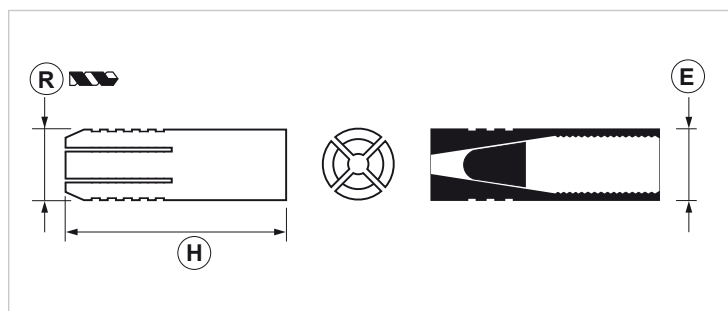
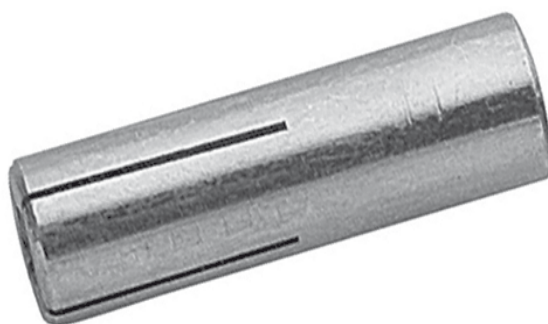
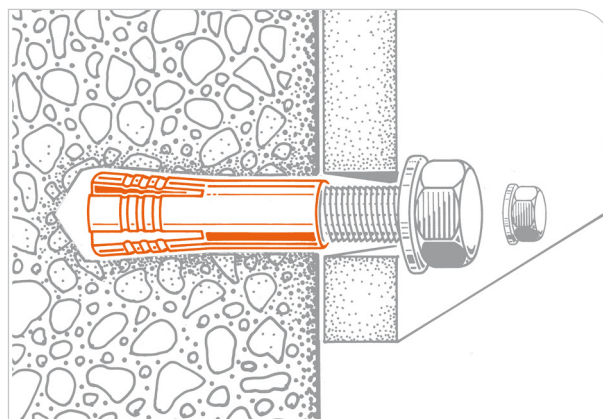
Steel anchor with inner thread for bolts and threaded rods

APPLICATION

It is used to fasten medium-heavy duty loads on concrete using percussion. It is suitable for false ceilings, hanging items, brackets and strut channels, pipe lines, fan systems, heat systems and fireproof systems.

FEATURES AND BENEFITS

- > Suitable for **concrete walls with a narrow thickness.**
- > **The percussion expansion cone** is pre-assembled so that it can be used apart from the chosen screws.
- > In order to guarantee the right expansion, internal thread and expansion cone must be hit with the proper percussion tool.
- > Due to the absence of the border, **it can be set at the required depth.**
- > The fastened objects can be removed without damaging the plug expansion.
- > Fast installation.



COD	TYPE	Min. hole depth (mm)	E	H	R
100200	TCO 6	30	M6	30	8
100210	TCO 8	30	M8	30	10
100220	TCO 10	40	M10	40	12
100230	TCO 12	50	M12	50	15
100240	TCO 16	65	M16	65	20



MATERIALS TECHNICAL DATA

MATERIAL

Steel 4.8 EN ISO 898-1 with electro zinc plating 7-8 µm

BASE MATERIAL

Solid masonry | Concrete

RECOMMENDED LOADS

TYPE	Min. screwing depth (mm)	A
TCO 6	13,5	330
TCO 8	13,5	330
TCO 10	16	510
TCO 12	21	710
TCO 16	26	1050

A= tensile strength.

Recommended load is the average resistance loads with a safety coefficient. Data expressed in daN. 1daN=1kg.

Tested on concrete R250.

INSTALLATION TOOLS

Drill, with proper drill bit. Make a hole with the required diameter and depth, and clean it up from drilling dust. Insert the anchor and expand it by hitting the cone with the proper tool.

Set the object you have to fix, insert the right screw and tighten it.

PACKAGING

In cardboard box

RELATED ITEMS

> PE - Steel anchor setting tool

DATA 09-2020 REV. 00

The current technical data sheet substitutes and cancels the previous ones. Information correspond with 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.

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