

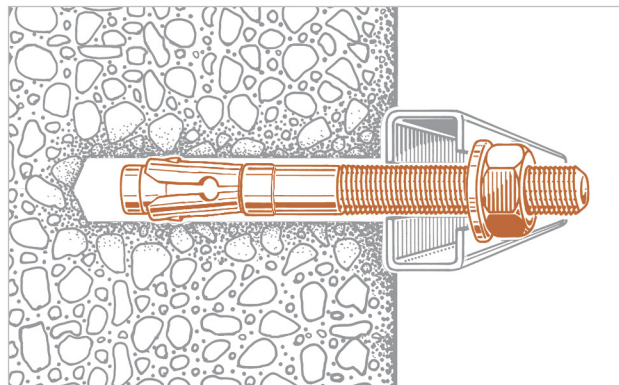
TLA CE Steel anchor for heavy duty payloads

APPLICATION

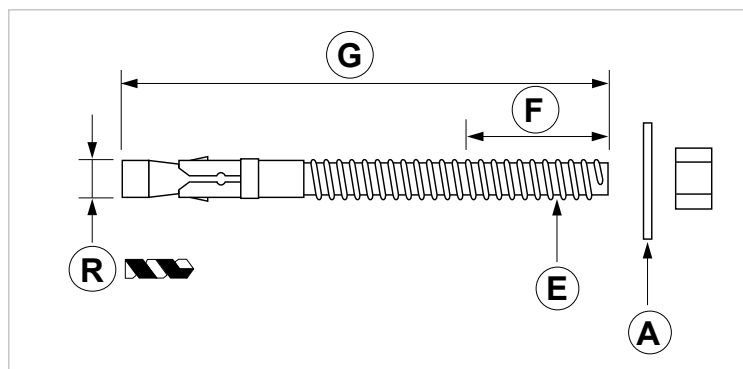
Steel anchor with Technical European Evaluation for use on C20/25 - C50/60 non-cracked concrete.

FEATURES AND BENEFITS

- > **High performing** through anchor made of steel pin, bolt, washer and expansion socket.
- > **Small drilling diameter.**
- > Recommended for through fixings on **non-cracked concrete.**
- > Thread diameter equal to drilling diameter.
- > **Reinforced head** in order to avoid damaging the thread during installation.
- > Thanks to its special shape, the expansion socket makes **expansion smooth and gradual**, while preventing rotation during installation.
- > Make sure **the threaded body sticks out of the bolt** for at least 2 or 3 mm.



ETAG 001-02
To be used on
non-cracked concrete



COD	TYPE	Min. drilling depth (mm)	Actual anchoring depth (mm)	Max. fixable depth	Min. distance from the edge (mm)	A	E	F	G	R
130111	TLA CE 8/15-80	65	45	15	70	16x8,5x1,5	M8	46	80	8
130114	TLA CE 8/50-115	65	45	50	70	16x8,5x1,5	M8	81	115	8
130121	TLA CE 10/15-90	70	51	15	80	20x10,5x2	M10	45	90	10
130124	TLA CE 10/45-120	70	51	45	80	20x10,5x2	M10	82	120	10
130131	TLA CE 12/10-90	90	66	10	100	23,5x12,5x2,5	M12	43	90	12
130134	TLA CE 12/45-140	90	66	45	100	23,5x12,5x2,5	M12	91	140	12

ANCHORS AND SEALANTS

METAL ANCHORS

MATERIALS TECHNICAL DATA

ANCHOR

Steel anchor with electro zinc plating 7-8 µm with Technical European Evaluation for use on non-cracked concrete

BASE MATERIAL

Non-cracked concrete C20/25 - C50/C60

RECOMMENDED LOADS

	Tensile strength	Shear
TLA CE 8/15-80	420	410
TLA CE 8/50-115	420	410
TLA CE 10/15-90	570	650
TLA CE 10/45-120	570	650
TLA CE 12/10-90	620	960
TLA CE 12/45-140	620	960

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

Data expressed in daN. 1 daN=1kg.

Tested on non-cracked C20/25 concrete, about 3000 psi (20,67 Mpa).

Min. thickness of the base material = 110 mm

INSTALLATION TOOLS AND RECOMMENDATIONS

Use a drill with a proper drill bit. Before installing the item make sure the hole is properly cleaned. Follow installation data and check payload values in order to guarantee the best load capacity.

PACKAGING

In cardboard box

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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