EuroTec calculation service
Bolt anchor to ETA-14-0409

The specialist for fastening technology

by phone 02331 6245-444 · by fax 02331 6245-200 · by e-mail technik@eurotec.team

Please contact our technical department or use the free calculation services in the service section of our website: https://www.eurotec.team/en/service

Contact

Trader: _____

Contact Person: _____

e-mail: _____

Project: _____

Contractor: _____

Contact person: _____

Phone: _____

e-mail: _____

Project details

Concrete

Strength class: _____
(if know, min. C20/25)

Construction component: _____
(e.g. strip footing, floor slab, wall, ceiling, etc.)

Component thickness: _____ mm

Attachment

☐ Steel ☐ Wood _____
(strenght class of wooden attachment)

Attachment thickness: _____ mm

Diameter of through hole: _____ mm

Loads (rated values)

Normal force along X axis: N_d: _____ kN

Shear force along Y axis: $V_{y,d}$: _____ kN

Shear force alonge V axis: $V_{z,d}$: _____ kN

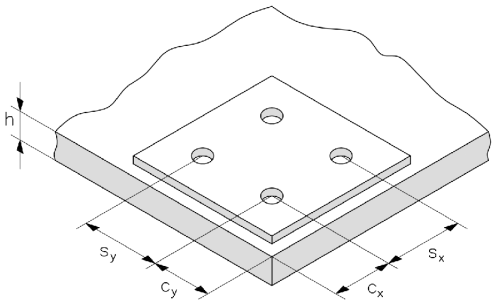
Moment around X axis: $M_{x,d}$: _____ kNm

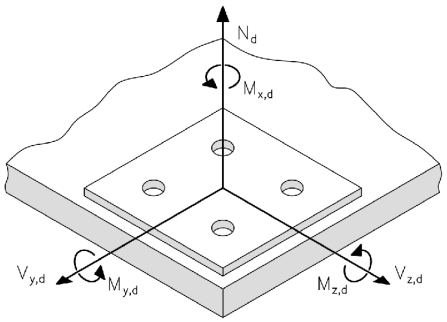
Moment around Y axis: $M_{y,d}$: _____ kNm

Moment around Z axis: $M_{z,d}$: _____ kNm

A detailed sketch of the joint must be enclosed with the inquiry stating the following details:

- Geometry of concrete and attachment
- Edge and centre distances *C* and *S*
- Position of attachment relative to concrete component
- Position (and angle, where applicable) of point of force application on attachment





Selection of Bolt anchor

☐ M8 ☐ M10 ☐ M12 ☐ M16

Reference: information on the processing of your personal data can be found at the following link: https://www.eurotec.team/en/data-protection