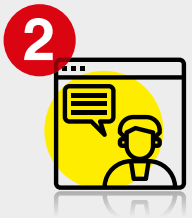
The registration process for the smartTITAN online design tool

Registration form

Complete the registration form and consent to our user agreement and privacy policy.

Pop-up website

A message appears on the screen informing you that your data has been received and that a mail has been sent to your e-mail address.

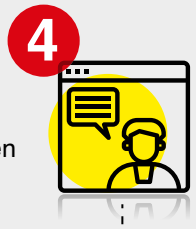


Confirmation mail

Go to your e-mail inbox and open the mail asking you to confirm the registration procedure.

Pop-up website

Following confirmation, a pop-up website appears with a message that your registration form has been forwarded for checking.



Checking and approval

Our service team checks your enquiry without delay.

Confirmation of registration

Once your enquiry is approved, you will receive an e-mail so that you can register in the tool.

Get started!

Begin using the functions of our online design tool.

Note: All your design data are secure and cannot be viewed or changed by us.

The registration process is completed with just a few clicks. Go to:
https://geo.smart-titan.ischebeck.de/register

smartTITAN:
overview of online services for geotechnical engineering

smartTITAN
simple.digital.building

Design

Micropile
online design

Tenders

Micropile
tendering support

For proposals and further support contact **export@ischebeck.de**

Planning

Micropile
3D models

For Revit and/or DWG files contact **export@ischebeck.de**

Online tool login:

https://geo.smart-titan.ischebeck.de/login

Your contact for micropile online design:

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Mobile: +49 (0)170 7985712
Mail: junker@ischebeck.de

Certified Management-System to DIN EN ISO 9001:2015

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ISCHEBECK TITAN

Micropile
online design

for TITAN Micropiles to EC7,
AASHTO and FHWA

NEW
VERSION
Now with further optimizations!

smartTITAN
simple.digital.building

Ischebeck TITAN micropiles: professional, fast, easy calculations

ISCHEBECK can supply a wide range of micropiles in different sizes to suit diverse geotechnical engineering applications: anchorages, foundations, underpinning, slope stabilisation, soil nailing, tunnelling, mining, etc.

As support for consulting engineers and specialist civil engineering contractors, we provide a design system as part of our smartTITAN online services so that you can calculate the right dimensions for the TITAN micropiles in your construction project easily and dependably.

More than 1000 users worldwide have already registered to use this tool. The software has been optimised further and is now based on a new technical concept.

An overview of our service

- Fast, simple (preliminary) design of TITAN micropiles to suit the applied loads
- Online and always up to date
- Now includes the relevant global design guidelines
- Covers all necessary analyses
- Competent advice from our team

The key benefits for you

- Simpler working procedures plus time-savings: significantly shorter calculation time
- Dependable designs: This tool prevents the errors that can occur in manual calculations.
- Intuitive operation: self-explanatory functionality
- Free of charge, available everywhere
- Can be customised with your logo

Micropile
online design

Smart support for your work

The following question is answered directly within the service tool: Which hollow steel bar in which diameter and which length is required to transfer the loads safely?

The micropile online design service provides:
(taking into account the standard relevant in each case)

- Calculation of the **design load** (if necessary)
- Specification for the **hollow steel bar** (load-carrying capacity of pile itself) depending on the grout cover (durability)

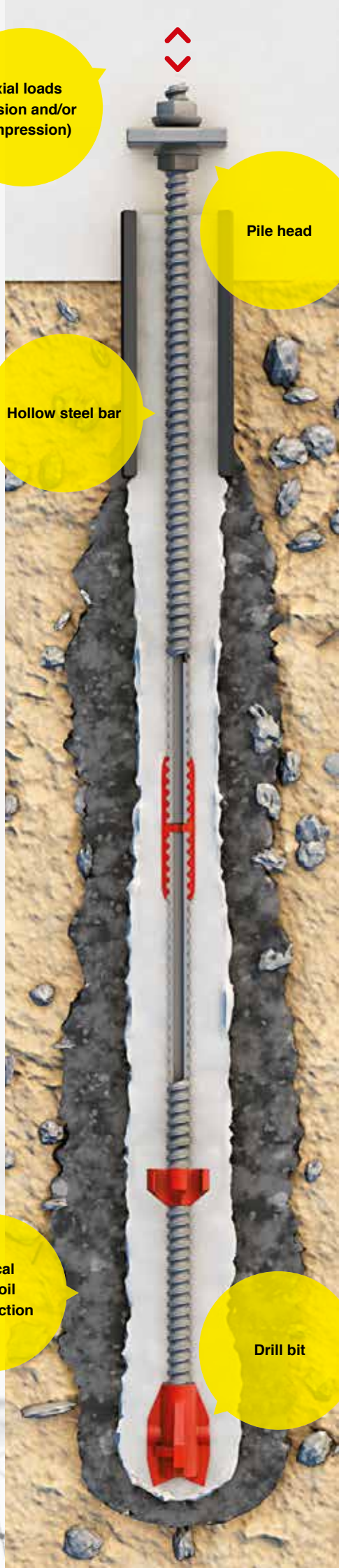
  Also the following if required (not availabe for AASHTO):
  - buckling analysis and
  - fatigue analysis

- Calculation of the **pile length** required (load-carrying capacity of grout/soil friction)

  Also the following if required:
  - group action and
  - force transfer length

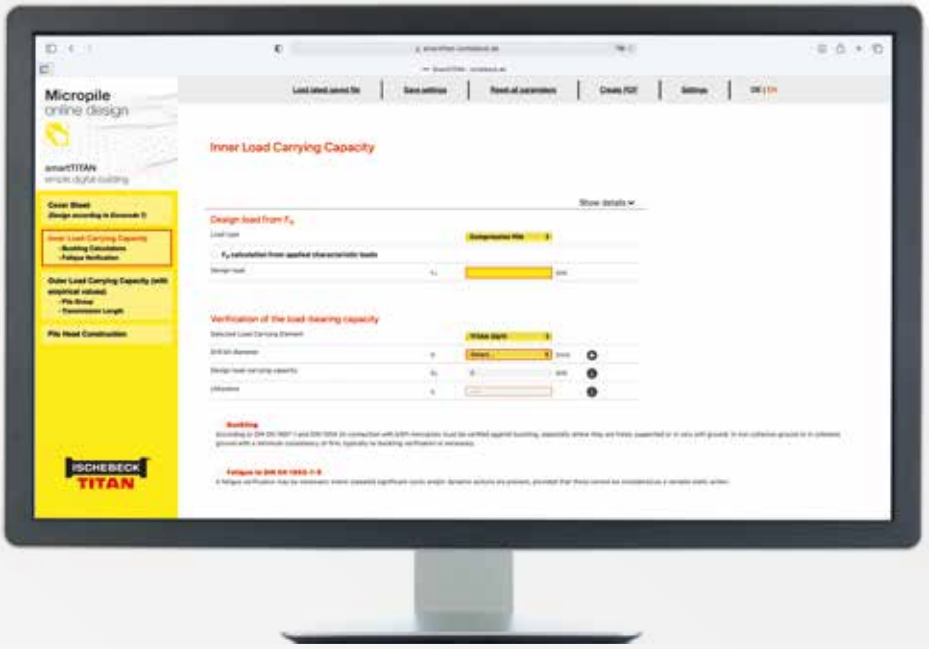
- Details of **pile head according to the approval**

Detailed information on the analyses can be found in our brochures on TITAN micropiles and the approval.



Intuitive and clearly structured

Feedback from more than 1000 users has helped us improve the user-friendliness of our tool even further. The intuitive operation guides you reliably and quickly to the answers you need.



You are guided through the following steps:

1 **Choose the design principles/concept**
- EN 1997-1
- DIN EN 1997-1 with DIN 1054
- AASHTO
- FHWA

2 **Enter your project title/details**
for the PDF download

3 **Select the calculations/analyses**
- Load-carrying capacity of pile materials
- Load-carrying capacity of grout/soil friction
- Pile head detail

4 **Compile and download a PDF with the calculations performed**
including analyses