

When it needs to be inconspicuous



04/2016

PFEIFER Concrete Cover Caps

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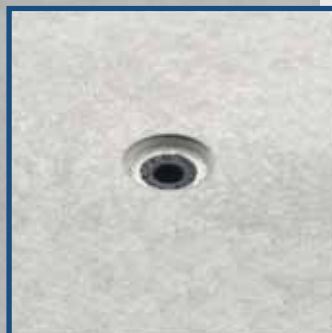
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Are you looking for an inconspicuous high-quality closure for PFEIFER recesses?

In many areas of precast construction the attachment of built-in components results in recesses. It is particularly important, for both visual and durability reasons, to close these recesses, particularly in visible areas.



Large-area attachment recesses in the area of PFEIFER Thread Systems



Attachments of Socket Dowels with nailing plates



Recesses of Fixing System for Push-Pull-Props MoFi 16

PFEIFER Concrete Cover Caps make it simple and economical to have a closure with the concrete look.

If recesses need to be closed as inconspicuously as possible, PFEIFER Concrete Cover Caps are suitable. With their appealing and inconspicuous concrete look, the areas of the recesses disappear in the overall look of the concrete element. With the geometry of the Concrete Cover Caps matching the associated recesses, the users are assured of needing little effort.



Economical closure



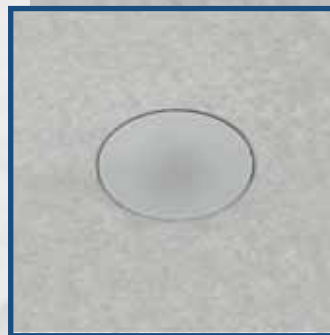
High visual quality



Individual project-related colours possible



Rapid availability



PFEIFER Concrete Cover Cap

PFEIFER Concrete Cover Cap, middle

Item-No. 05.230

Can be used for:

- Recesses with recess disc/magnetic disc
- Recesses with medium fastening bolt



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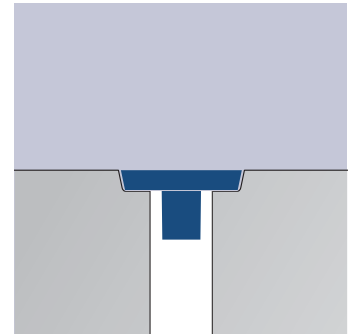
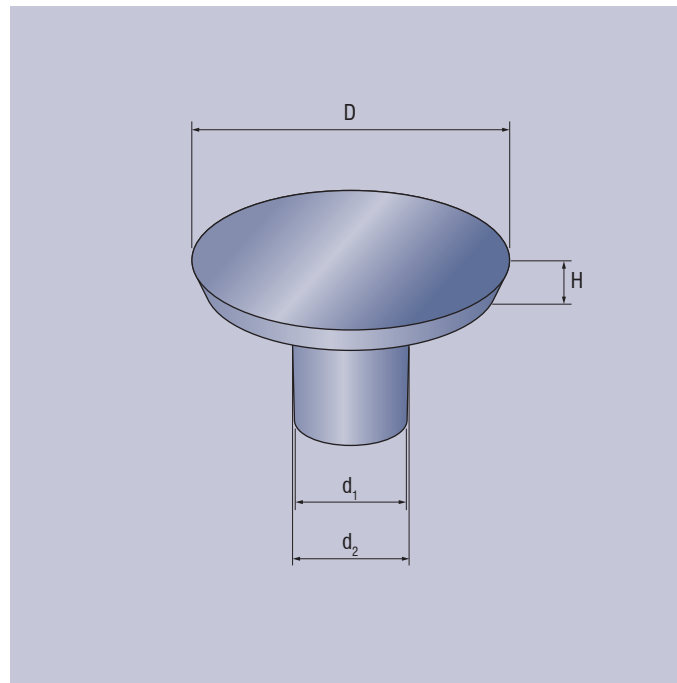
Thread System

Accessories

For the visually appealing closure with the concrete look of the formwork fixing variants in the thread system, the Cover Caps were developed in concrete.

This enables appropriate implementation of recess closures with medium fixing bolt and recess disc/magnetic disc.

Material:
Flowstone, grey



Ref. no.	Type/Size	Dimensions [mm]				Weight/gram
		D	H	d ₁	d ₂	
Concrete Cover Cap, middle						
05.230.047.12	Rd 12	22.5	7.5	10.3	10.7	6.00
05.230.052.14	Rd 14	25.5	7.5	11.8	12.5	8.50
05.230.056.16	Rd 16	29.0	7.5	13.8	14.5	11.50
05.230.059.18	Rd 18	32.4	7.5	15.8	16.5	14.00
05.230.070.20	Rd 20	35.5	7.5	17.7	18.4	15.00
05.230.074.24	Rd 24	39.0	9.0	21.6	22.3	30.00
05.230.090.30	Rd 30	47.6	9.0	27.7	28.4	50.00
05.230.100.36	Rd 36	57.7	9.0	33.2	33.9	90.00
05.230.110.42	Rd 42	66.2	12.0	38.8	39.5	145.00
05.230.130.52	Rd 52	79.2	12.0	47.9	48.6	260.00
Concrete Cover Cap						
05.230.021.12	Rd 12	49.5	9	10.3	10.7	30.0
05.230.024.14	Rd 14	54.5	9	11.8	12.5	36.0
05.230.028.16	Rd 16	58.5	9	13.8	14.5	50.0
05.230.031.18	Rd 18	61.5	9	15.8	16.5	85.0
05.230.034.20	Rd 20	72.5	9	17.7	18.4	90.0
05.230.038.24	Rd 24	77.2	11	21.6	22.3	105.00
05.230.046.30	Rd 30	93.2	11	27.7	28.4	160.00
05.230.056.36	Rd 36	104.2	11	33.2	33.9	220.00
05.230.064.42	Rd 42	114.3	14	38.8	39.5	340.00
05.230.077.52	Rd 52	134.3	14	47.9	48.6	520.00

PFEIFER External Concrete Cap PFEIFER MoFi Concrete Plug

Item-No. 05.230

Can be used for:

- Recesses with nailing plate
- Recesses with plastic/magnet recess MoFi 16



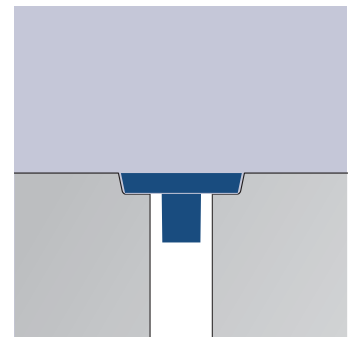
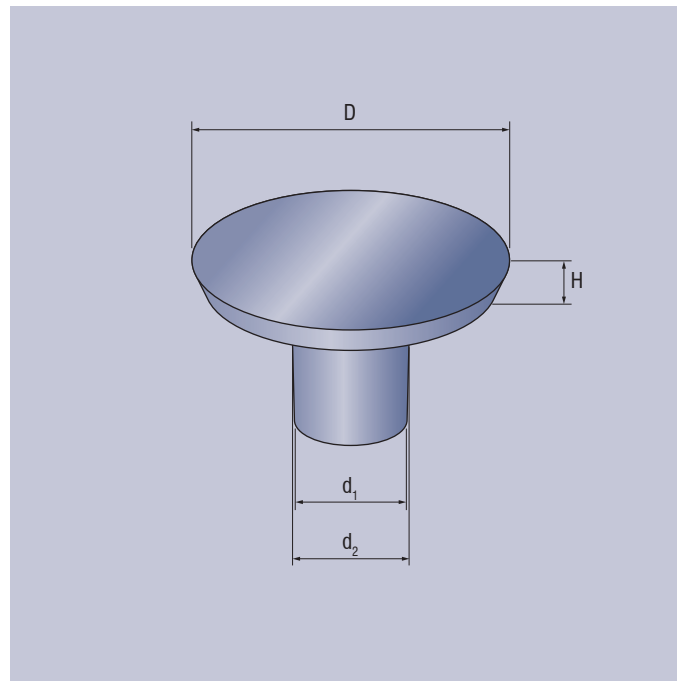
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Fixing Systems

Accessories

For the visually appealing closure with the concrete look of the formwork fixing variants for Socket Dowels, the External Cap and MoFi Push-Pull-Prop fastenings were developed in concrete. This enables appropriate implementation of recess closures with nailing plates and MoFi plastic recesses.

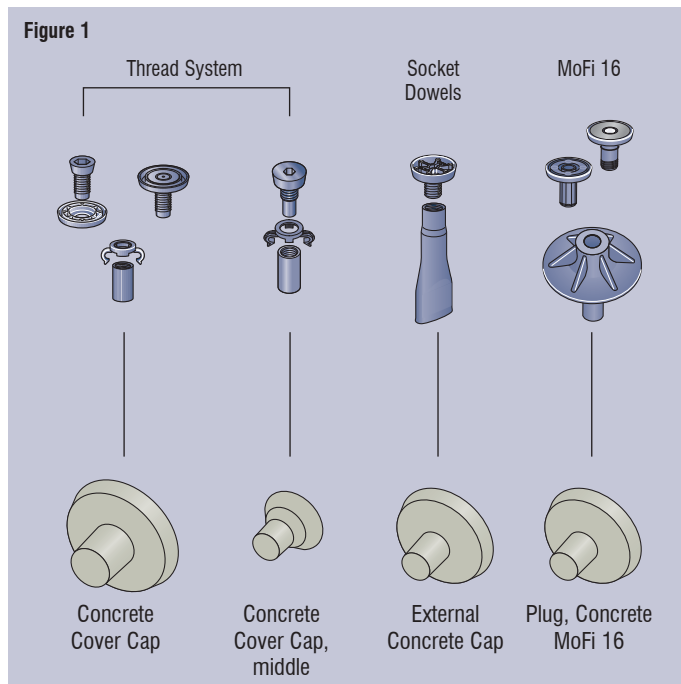
Material:
Flowstone, grey



Ref. no.	Type/Size	Dimensions [mm]				Weight/gram
		D	H	d ₁	d ₂	
Concrete Cap						
05.230.055.12	M 12	57.0	9	10.3	10.7	37.00
05.230.055.16	M 16	57.0	9	13.8	14.5	40.00
05.230.055.20	M 20	57.0	9	17.7	18.4	45.00
05.230.055.24	M 24	57.0	9	21.6	22.3	52.50
05.230.055.30	M 30	57.0	9	27.7	28.4	67.00
Concrete Plug						
05.230.050.16	MoFi 16	51.5	7	15.4	16.0	33.00

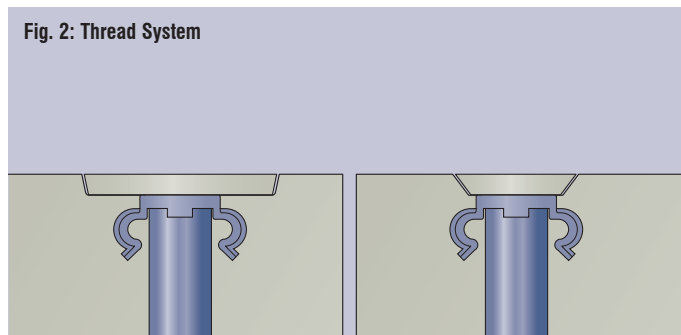
Instructions for installation and use

System

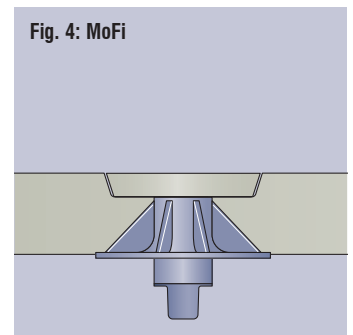
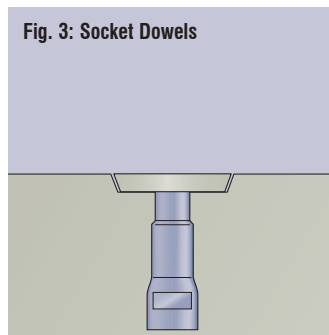


PFEIFER Concrete Cover Caps were developed for inconspicuous closure of PFEIFER Anchors that were installed recessed. The appearance, identical or similar to concrete, is intended to give the most uniform possible overall impression of the area.

Use



For PFEIFER Threaded Anchors a suitable Cover Cap is available for the recess variants "Recess Disc" and "Fastening Bolt middle" (Fig. 2). There are the same possibilities for the nailing plate for Socket Dowels (Fig. 3) and the MoFi Plastic Recess (Fig. 4).



The parts, made of a special mortar, should be glued in the final state into the specified opening/recess. The parts are supplied as standard in concrete grey (see details in the section "Colour" on page 8). With suitable advance planning and close coordination, special colours can be supplied.



Notice: In general it is recommended to request samples to view in advance, particularly to check the colour scheme.

Installation/Usage

Fig. 5: Cleaning the surfaces

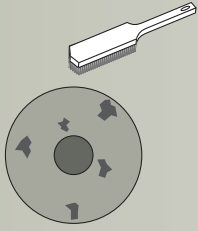


Fig. 6: Checking the type and size

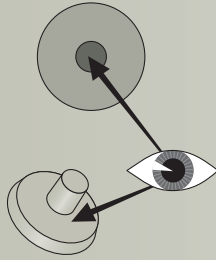


Fig. 7: Applying the adhesive

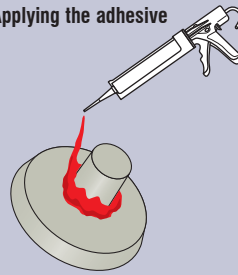


Fig. 8: Press in carefully

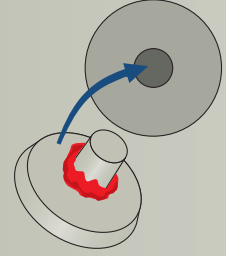
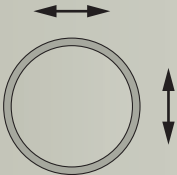


Fig. 9: Position centrally



Caution: Too large a quantity of adhesive can lead to the excess being squeezed out and impairment of the appearance. It is important to ensure the amount is suitable and uniformly applied. If there is doubt, do a preliminary trial application.



Notice: Figures 5 to 9 show the basic installation process of PFEIFER Cover Caps. The execution of the procedure must always be done with care.



Notice: The more carefully the concrete closure is oriented on the longitudinal and transverse axes, the more inconspicuous the items will be in the overall appearance.

Type assignments

System	Recess elements	Associated concrete closure variant
Thread System	Fastening bolt, medium	Cover Cap, medium
Thread System	Fastening bolt combined with the recess disc (plastic or metal) or magnetic disc	Cover Cap
Permanent Fixing	Nailing Plate	External Cap
Permanent Fixing	Plastic Recess MoFi 16 or Magnetic Recess MoFi 16	Plug



Special features

Colour:

In the standard version all elements are stocked in grey similar to RAL 7044 (Fig. 10). The general recommendation is to request a sample in advance for assessment of the colour. Later complaints about the colour will not be accepted.

In general special colours are possible. For this, appropriate planning for selecting, sampling and manufacture must be scheduled.

Tolerances:

To cover the usual tolerances, all concrete closure elements are dimensioned with a tolerance of ± 0.5 mm (Fig. 11).

Adhesives:

The adhesive used can generally be freely chosen.

The suitability of the material then remains the responsibility of the user.



Notice: Some types of adhesive are being tested for their suitability. You can ask PFEIFER about these. This way the correct and economical adhesive can be defined for each application.

Fig. 10:

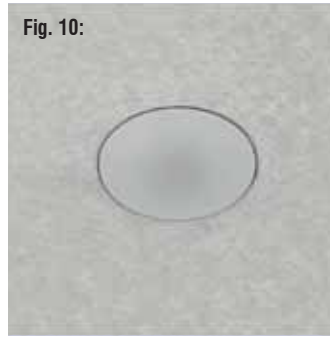
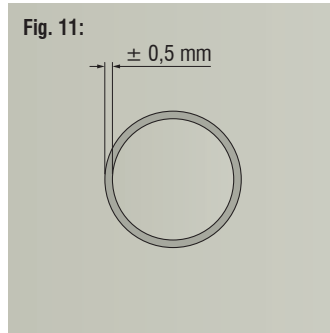


Fig. 11:



Material properties:

All elements are made with a high-performance mortar FLOWSTONE with the following properties:

- low in pores, with high impermeability
- low uptake of dirt
- high resistance to frost and de-icing salt
- high wear resistance

It is strongly recommended to carry out a trial application as a reference.

When doing this, observe/establish the following.

1.) How much adhesive is required?

2.) What are the visual and technical requirements of the bonding?

3.) Does the adhesive cause any negative visual effects and are they acceptable? If they are not, select a different adhesive and do the trial again.

4.) Is the visual and technical result as desired?

Storage

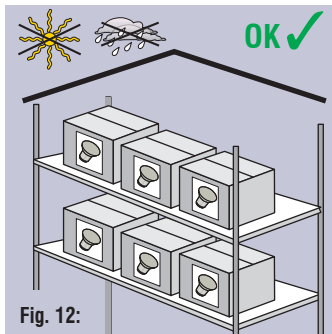


Fig. 12:

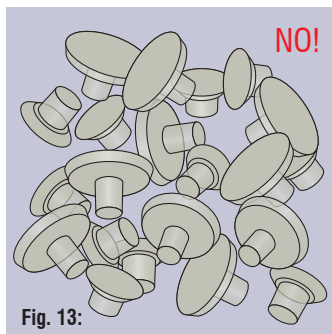
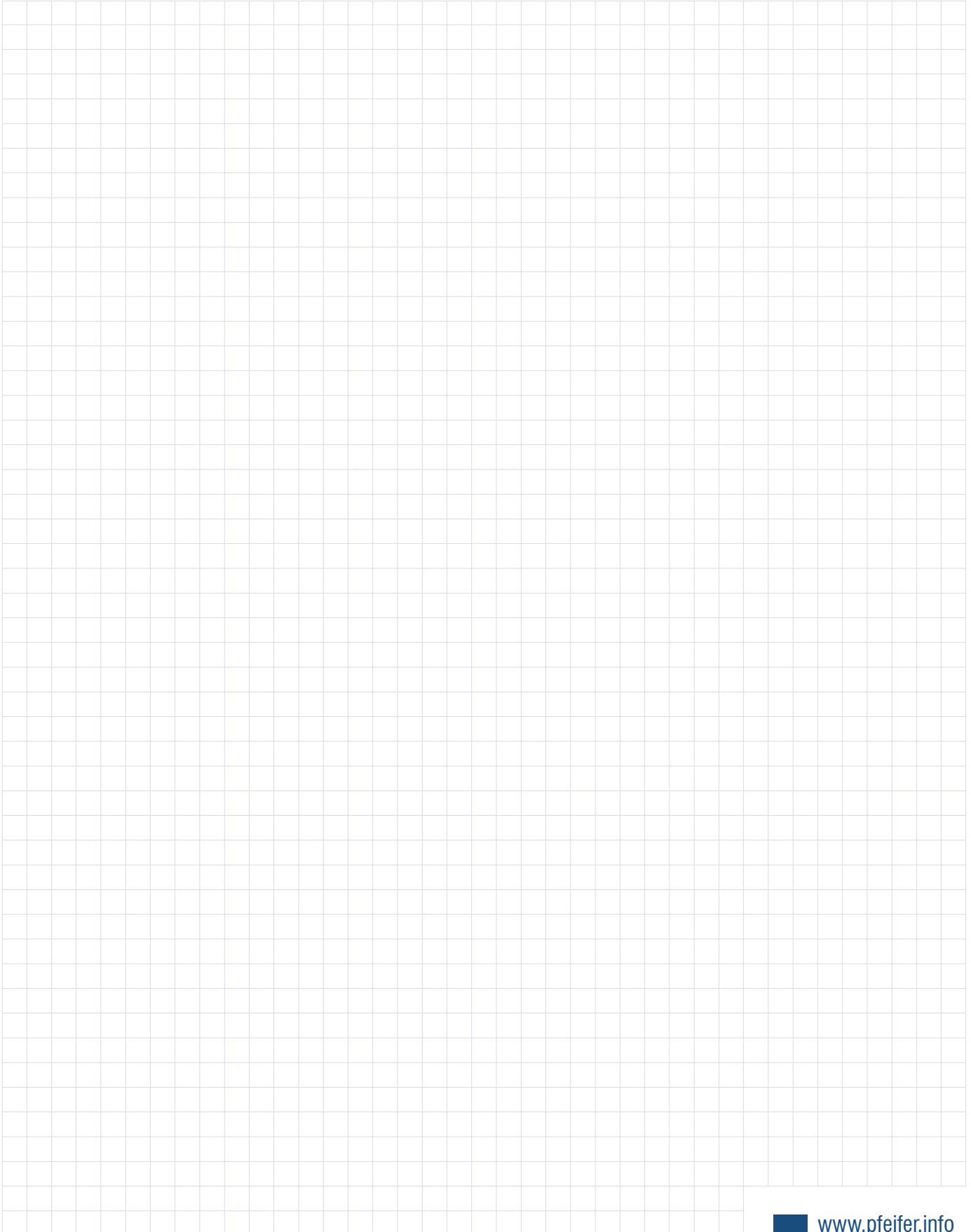


Fig. 13:



Notice: The concrete closure elements must be stored dry and protected. Large temperature fluctuations, wetness (humidity) or other influences such as acids, road salt etc. will cause damage or undesirable visual effects to the elements.

Notices

A large grid area for taking notes, consisting of a 30x30 grid of small squares. The grid is empty and occupies most of the page.

Further products for visually high-quality closure

PFEIFER Cover Cap – stainless steel



for fastenings with magnetic disc / recess disc

PFEIFER Cover Cap – stainless steel



for nailing plates

PFEIFER Cover Cap – shallow – stainless steel V2A



for fastenings with fastening bolt flat

PFEIFER Cover Cap – middle – stainless steel V2A



for fastenings with fastening bolt medium

PFEIFER Cover Cap – deep – stainless steel V2A



for fastenings with fastening bolt deep

Your low-cost closure variants in plastic

PFEIFER External Cap – small – plastic



for fastenings with headless/flat fastening bolt

PFEIFER External Cap – large – plastic



for fastenings with magnetic disc / recess disc

PFEIFER MoFi Plug – plastic



for fastenings with plastic recess/magnet recess



Lifting Anchor Systems
Thread System



Lifting Anchor Systems
BS Anchor System



Lifting Anchor Systems
WK Anchor System



Fixing Systems
DB Anchor 682
for Permanent Fixing



Fixing Systems
Socket Dowels
Polyamide Sockets



Fixing Systems
HK Assembly Anchor System



Connection Systems
Column Shoe System
Wall Shoe System



Connection Systems
Stell Bearing
Staircase Bearing VarioSonic



Connection Systems
Sandwich Anchor System
Delta Anchor System



Connection Systems
Concrete Earthing System BEB



Reinforcement Systems
VS®-Wire Rope Loop System



Reinforcement Systems
PH Reinforcement Continuity System



Cable Tension Members
Tension Rod System



Attachment Materials
(Wire Ropes, Chains, Textiles)



Lashing Systems



Grabs for Reinforcing Steel
Balancing Spreader Beams

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Our products are sold by:



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