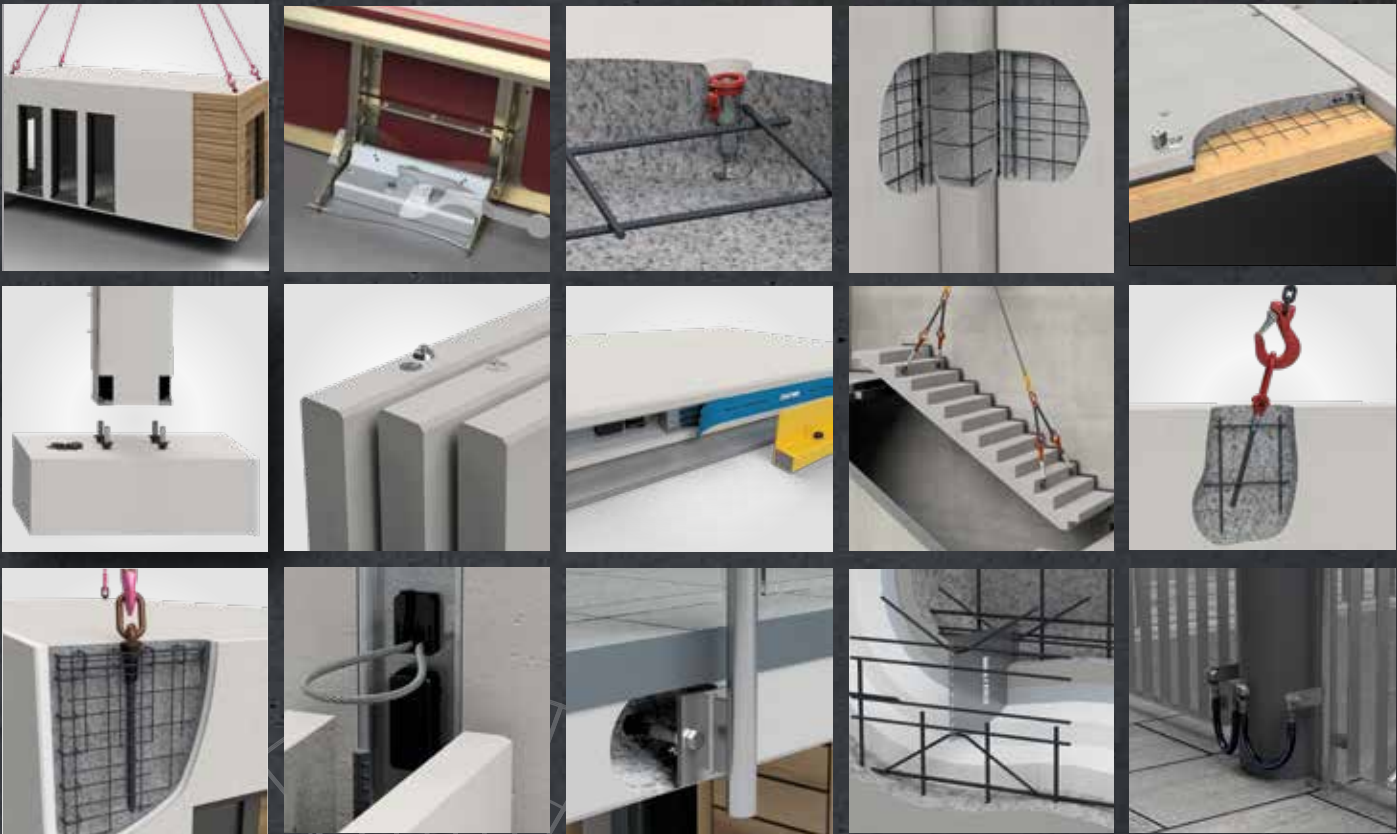


# PRODUCT HIGHLIGHTS BUILDING SOLUTIONS



**NEW**

Product overview

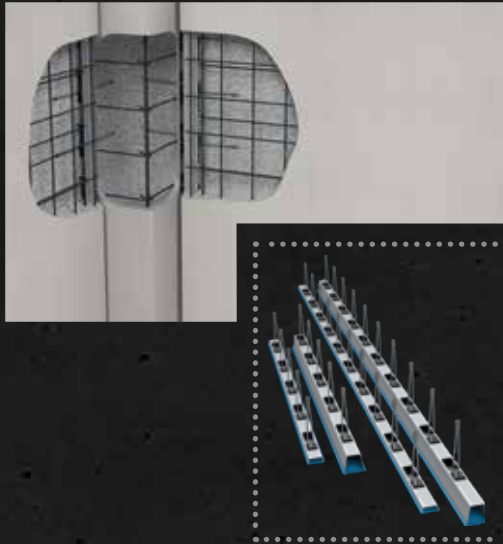


## KHN-SYSTEM

The KHN system is a multifunctional system for Threaded transport anchors and consists of recess formers, lifting devices and sealing caps. We extended the product range with sealing caps made of fibre concrete now which close recesses inconspicuous and considerably.

### CHARACTERISTICS / ADVANTAGES

- » Visual attractive sealing caps made of fibre concrete, stainless steel or plastic for all thread sizes available
- » System suitable for all load directions (axial, diagonal and lateral tension)
- » Consistent colour coding enables clear assignment of system components
- » Long lasting and reusable components



## POWER DUO SYSTEM XXL

The Power Duo System has long been an established solution for connecting precast reinforced concrete elements. This new variant in a length of 2.6 m enables a significant reduction in installation time in the precast plant. Loop-free channels supplement the system to cover any wall height.

Usual high load-bearing capacities also apply to this version, even with the largest installation tolerances a sufficient capacity is ensured.

### CHARACTERISTICS / ADVANTAGES

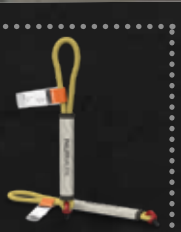
- » Tested and approved system
- » Thixotropic or grouting mortar can be used
- » Optimum fastening with magnetic solutions
- » Simple, web-based design software

## LIFTY TEX

The Lifty TEX is a powerful combination of the well-known lifting device Lifty and a strong textile round sling including an edge protection. Suitable for all load directions Lifty TEX is perfect for the use with lightweight or moderate heavy concrete elements, e.g. stair cases, which need a "protection" during the transport against damages from hardware.

### CHARACTERISTICS / ADVANTAGES

- » Available in sizes RD12-36, max. load capacity up to 5 t
- » Suitable for all load directions (axial, diagonal and lateral tension)
- » Lightweight and flexible textile sling, easy to handle
- » Chemical-resistant textile, does not absorb water



## THE “DRY” CONNECTION THOUGHT OUT!

### PB ANCHOR, SPANNSCHLOSS AND RUBBERELAST IN AN IDEAL COMBINATION

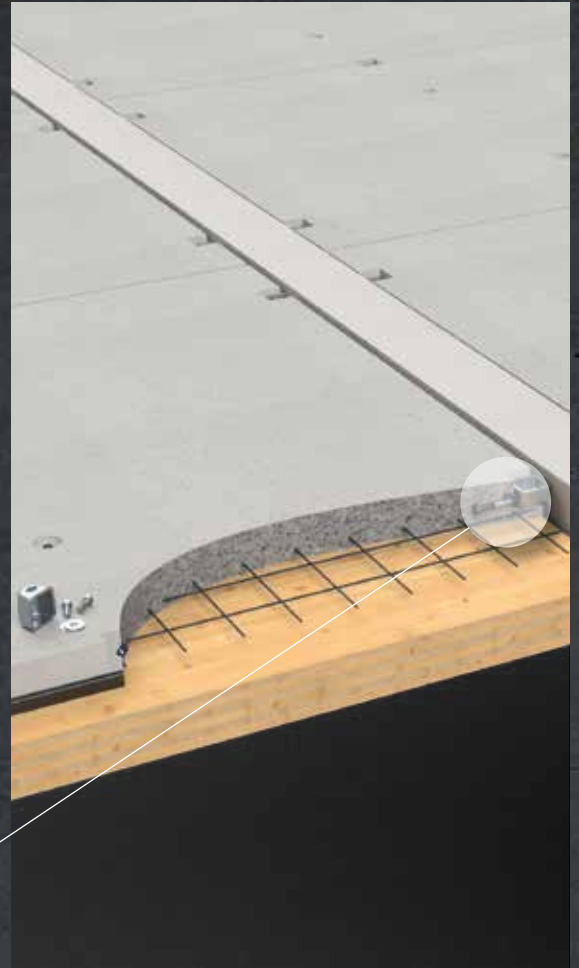
The next generation for a simple connection of concrete elements consisting of a permanent anchorage (PHILIPP PB anchor), BT-Spannschloss and joint tape (RubberElast). The screw system has high load capacities and transfers axial and shear forces without problems. Mounting is done easily without delay and removable at any time.

#### CHARACTERISTICS / ADVANTAGES

- » Approved “dry” screw connection without joint grouting, so no hardening or downtimes
- » Weather-independent mounting without special tools
- » Immediately fully loadable and removable at any time
- » Three point connection (T-connection) possible
- » Watertight, permanently elastic sealing of the connection by using RubberElast joint tape

#### SAMPLES OF APPLICATIONS

- » Wood-concrete-hybrid elements
- » Retaining walls for flood protection
- » Agricultural elements
- » Concrete pipes and manholes
- » Temporal buildings



### COLUMN SHOE

Column shoes are important connecting elements in pre-cast concrete construction that ensure a stable and rigid connection between columns and foundations as well as at the column splice. They enable precise alignment and load distribution whilst contributing to the structural integrity of buildings. Column shoes significantly shorten the construction time and thus increase the efficiency of the construction project. They also enable de-installation and thus support sustainability aspects.

#### CHARACTERISTICS / ADVANTAGES

- » System consisting of column shoe, anchor bolt and accessories
- » Five standard sizes (20, 24, 30, 36, 39)
- » Immediately highly loadable, temporary propping not needed
- » Simple planning and installation (in the plant and at the construction site)

## POWER SYSTEM SR

The PHILIPP Power system is the game-changer with thin wall thicknesses. Both anchor diameter and reinforcement could be significantly optimised while keeping the same load-bearing capacity.

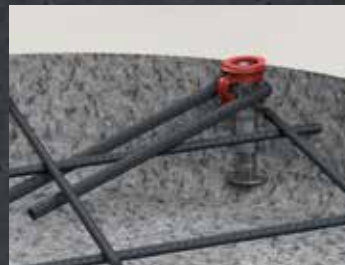
To prevent any visual mix-up between the systems the SR system is equipped with black chromatised threaded inserts. In addition, the colour coding differs from the standard RD system.

### CHARACTERISTICS / ADVANTAGES

- » High load-bearing capacities with smaller anchor dimensions and reduced reinforcement
- » High specialised system of transport anchors, lifting devices and accessories
- » Safe lifting and mounting of big/heavy reinforced concrete elements
- » All safety requirements in accordance with the Machinery Directive are met (CE marking)



Diagonal tension **WITHOUT** additional reinforcement



Diagonal tension **WITH** additional reinforcement



## SCREW ANCHOR

Screw anchors are the perfect solution for applications in extremely thin elements such as slabs, because of the short anchoring depth. Normally, there is no need for an additional reinforcement for diagonal tension when using in slabs, this noticeably simplifies the anchor installation. Applications for diagonal and axial lifting situations can be solved with this anchor type without any restriction.

### CHARACTERISTICS / ADVANTAGES

- » Perfect transport anchor for slabs, normally no rebar for diagonal tension required
- » Small recesses on the concrete surface
- » No parts projecting above the element's surface
- » Resistant to light soiling due to special round thread

## RECESS FORMER SZ15

With Threaded transport anchor systems, a small change has a big effect. With an inclined position of the transport anchor of 15° a reinforcement for diagonal tension is no longer needed if the rigging hardware is at an angle of between 0°-30°. Besides to the calculable material and time savings when installing an additional reinforcement, the increase in safety is particularly convincing, as possible application errors in relation to the reinforcement are reduced.

### CHARACTERISTICS / ADVANTAGES

- » Specific inclination of transport anchors
- » No reinforcement for diagonal tension required
- » Saves time and money during installation
- » Increases safety, simplifies anchor installation
- » Implemented in the RD and SR system



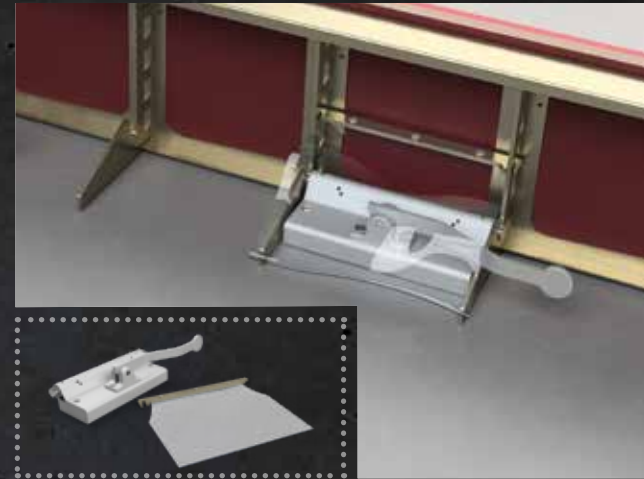
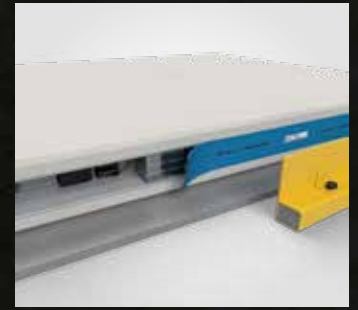
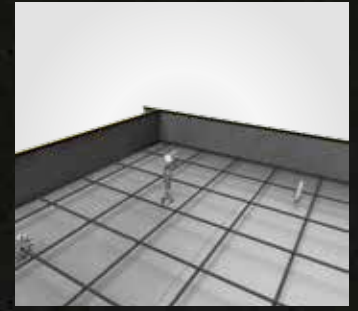
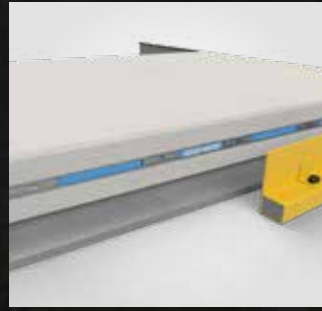
## MAGNETIC SOLUTIONS

Bonding or nailing is old-fashioned – magnets are faster and easier to handle. The formwork remains untouched and does not need to be cleaned. Strong magnets ensure precise positioning but also quicker demoulding.

### CHARACTERISTICS / ADVANTAGES

- » Transport anchor systems
- » Magnetic fixations in various versions
- » Connection technology
  - » For Power series and constructive rails available
- » Fixing technology
  - » For all cast-in anchor profiles – push-in, fix, ready

**NEW** for fixing sockets – plug on (no screwing!), fix, ready



## MAGFLY AP + SPLASH GUARD

The innovative shuttering magnet enables by his extremely light body an economical and power saving working. It can be installed easily and effortlessly without additional tools using the integrated lever.

### CHARACTERISTICS / ADVANTAGES

- » Unique force to mass ratio
- » Easy and ergonomic handling by foot/spring system
- » Fast and precise fixation
- » Millimetre-precise positioning by patented MagFly® technology
- » No additional sealing with silicone required

## YOUR PROJECT – OUR SOLUTIONS



### PROBLEM ANALYSIS



### DESIGN



### CONSULTING



### PRACTICAL TESTS



### DEVELOPMENT



### DELIVERY



# PHILIPP LAB

## SOFTWARE SOLUTIONS FOR THE PREFABRICATED BUILDING

### THE **NEW** SOFTWARE PORTAL

We are happy to present you our brand-new **PHILIPP-SOFTWARE-LAB!**

#### » **PHacade**

The modern way to design anchor systems for sandwich facades

#### » **POWER connectors**

Quick design of certified connections with flexible wire rope loops  
(e.g. POWER Duo)

#### » **StepPHix**

Design of transport anchors for single-flight stairs

#### » **CAD-library**

Model data (2-D/3-D) available in various export formats for different  
CAD systems

#### » **PHixation**

Permanent fixation of any constructions to precast concrete members  
with the PB anchor

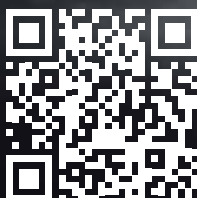
#### » **PROFIS**

Professional design of classic anchor channels of all sizes

- » Faster access to software tools from PHILIPP Building Solutions
- » Simple and clearly structured portal – everything at a glance
- » Optimized and powerful tools – from and for planners
- » For even more efficiency in the design of parts in precast constructions
- » After quick registration free access to all software tools

## NOW

register  
and start  
immediately!



# PHiadukt

## YOUR SERVICE PORTAL



### A short overview of what you can expect in our PHILIPP portal



#### View order status

All information about your orders, incl. invoice and delivery notes.



#### Check delivery status

Keep track of the dispatch and delivery status of your order so that you can plan precisely.



#### Manage your offers

Your individual PHILIPP offer can be easily managed online, whenever you need it.



#### 24/7 online ordering

More than 100.000 articles from our PHILIPP product range available online and can be ordered with one click.



#### Real-time notifications

We like to inform you about new dispatch information, reminders or other information.

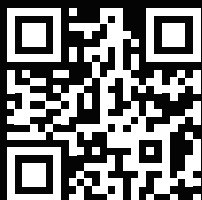


#### Wire rope configurator

Configure your customised wire rope online at any time and find exactly what you need.



**NOW**  
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and find out more  
about PHiadukt



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