

# Magnetic fastener for anchor channels



**Application Instruction**

# Our products from the division BUILDING SOLUTIONS

## SERVICES

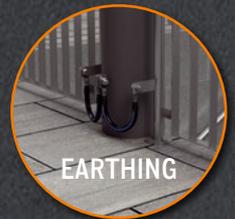
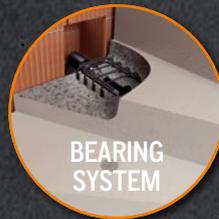
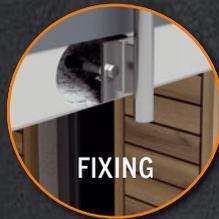
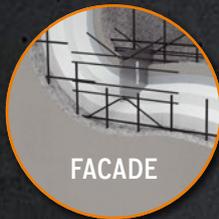
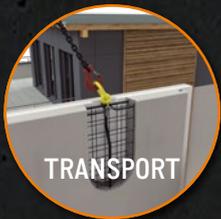
- » On-site tests -> we ensure that your requirements are properly covered by our planning.
- » Test reports -> for your safety and documentation.
- » Trainings -> the knowledge of your employees from planning and production is enhanced by our experts on site, online or via webinar.
- » Planning support -> latest design software, planning documents, CAD data and much more can be downloaded any time from [www.philipp-group.de](http://www.philipp-group.de).

## HIGH DEMANDS ON PRODUCT SAFETY AND PRACTICALITY

- » Close cooperation with notified bodies and - if necessary - approval of our solutions.

## TECHNICAL DEPARTMENT

- » Our expert-team will support you at any time during your planning phase with detailed advice.



## PHILIPP MAGNETIC FASTENER FOR ANCHOR CHANNELS

The Magnetic fastener for anchor channels provides an easy and fast fixation of anchor channels to steel formworks. It is placed easily in the anchor channel and holds this in its desired position. Moreover, a correction of the position on formworks is possible at all times. The foam material remains in the anchor channels and ensures thereby a high resistance against concrete penetration. In order to make the removal of the fastener easier, a hole placed centred in it can be used e.g. by using a screw driver.

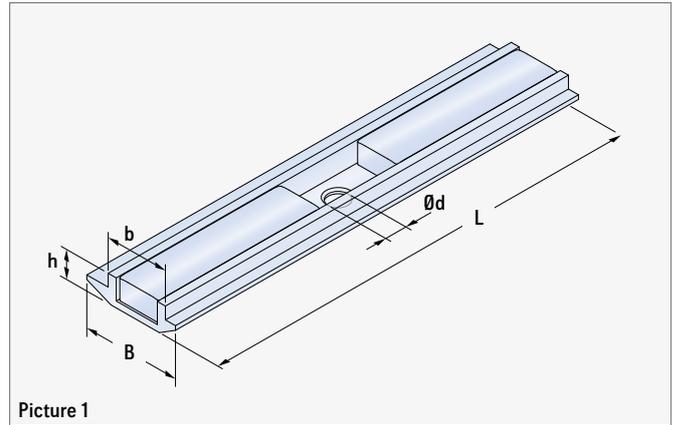


TABLE 1: MAGNETIC FASTENER

Ref. no.	Adhesion (kg)	Dimensions				
		L (mm)	B (mm)	b (mm)	h (mm)	Ød (mm)
82MAX2815	26	100	15.5	9.2	5.0	5.0
82MAX3817	30	100	22.0	14.2	6.5	5.0
82MAX4022	30	100	23.5	14.2	10.5	5.0
82MAX4025	30	100	23.5	14.2	8.0	5.0
82MAX5030	30	100	23.5	14.2	9.0	5.0
82MAX5234	30	100	27.5	14.2	14.0	5.0

TABLE 2: COMBINATIONS

Ref. no.	Anchor channels (hot dip galvanized / stainless steel)									
	28/15	38/17	40/25	49/30	54/33	40/22	40/22-P	50/30	50/30-P	52/34
82MAX2815	●	-	-	-	-	-	-	-	-	-
82MAX3817	-	●	-	-	-	-	-	-	-	-
82MAX4022	-	-	-	-	-	●	●	-	-	-
82MAX4025	-	-	●	-	-	-	-	-	-	-
82MAX5030	-	-	-	●	●	-	-	●	●	-
82MAX5234	-	-	-	-	-	-	-	-	-	●



### NOTES ON THE USE OF MAGNETS

#### HANDLING!

Improper usage could cause skin bruises and blood effusions. Caused by the high impact speed parts of the magnets can be damaged and hurt the user. Magnets should be out of the reach of children. Swallowing of the magnets can cause severe medical problems. Persons with pacemakers are suggested to keep a certain safety distance to strong magnets. Direct contact with magnetic materials can also cause allergic reactions (e.g. against ceramic and metallic materials such as zinc, nickel or plastic).

#### TEMPERATURE!

Please note that the magnets have a maximum operating temperature of 80 °C. At temperatures above 80 °C they may permanently lose some of their adhesive force.

#### EFFECT!

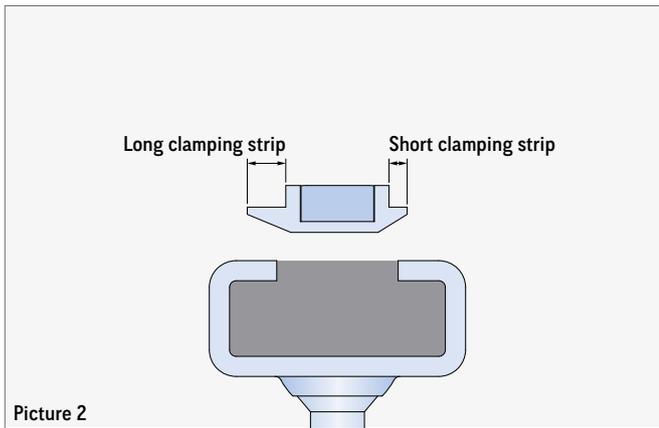
Please notice that magnetic fields could delete data of hard disks, cards with magnetic straps etc. Electronic and mechanic components alike pacemaker, watches, counter, compass, screens can be influenced or destroyed. Please keep a safe distance to these objects of at least one meter.

#### RESPONSIBILITY!

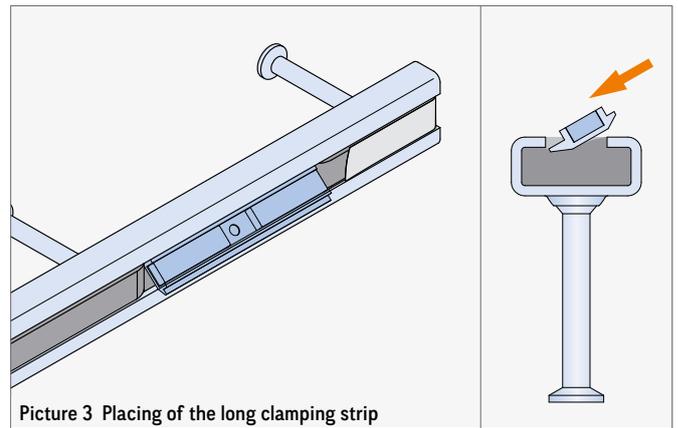
The magnets are coated to protect them. The coating can be exposed by the normal wear of magnets. By collision of magnets chipping of the coating may appear. But the exposure of the coating does not reduce the capacity of the magnet or should be a reason for any complaint. Mechanical actions such as welding or grinding are to be avoided in any case.

# PHILIPP Magnetic fastener for anchor channels

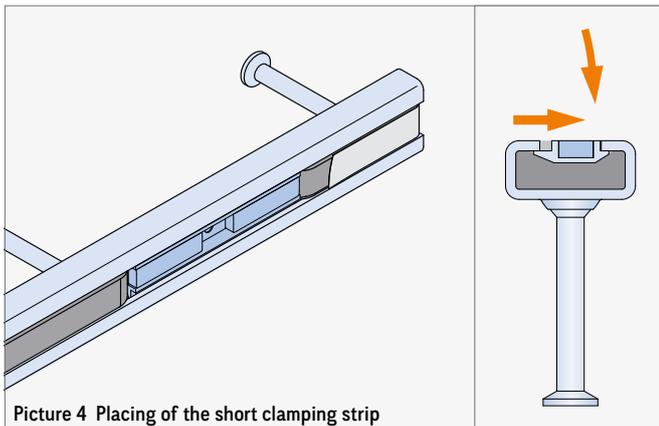
## APPLICATIONS OF THE MAGNETIC FASTENER



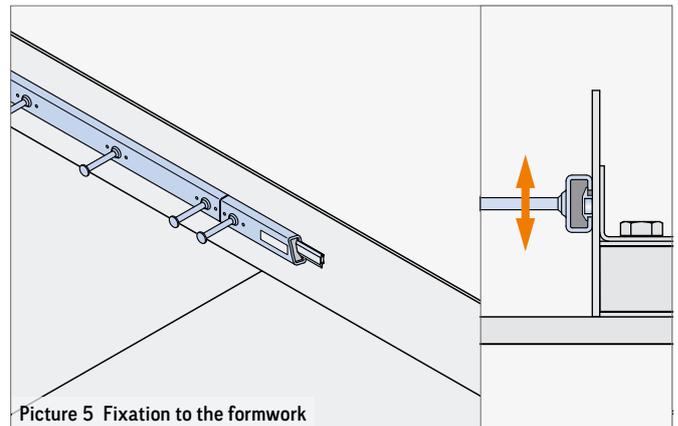
The Magnetic fastener can be placed and tightened in the anchor channel easily because of its asymmetric form.



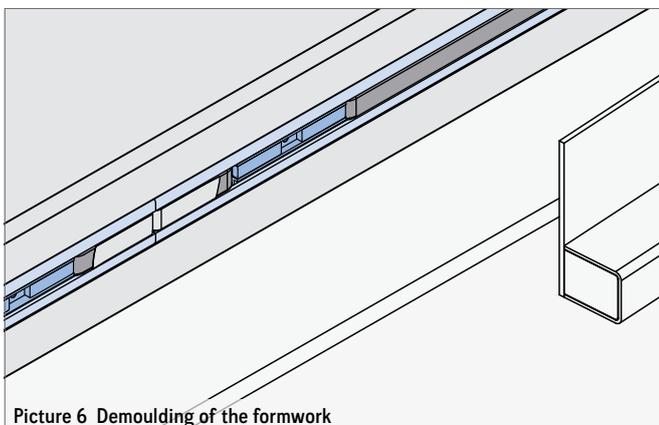
The Magnetic fastener is placed with the long clamping strip on one side in the cellular foam and slides into the anchor channel.



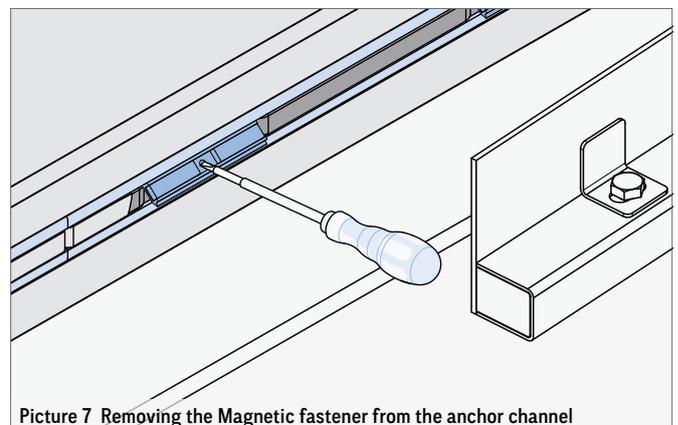
Now the Magnetic fastener is pushed into the cellular foam completely and clipped into the anchor channel by the short clamping strip.



Anchor channel with Magnetic fastener can be fixed on to formwork now. Moreover, a correction of the position on the formwork is possible at all times.

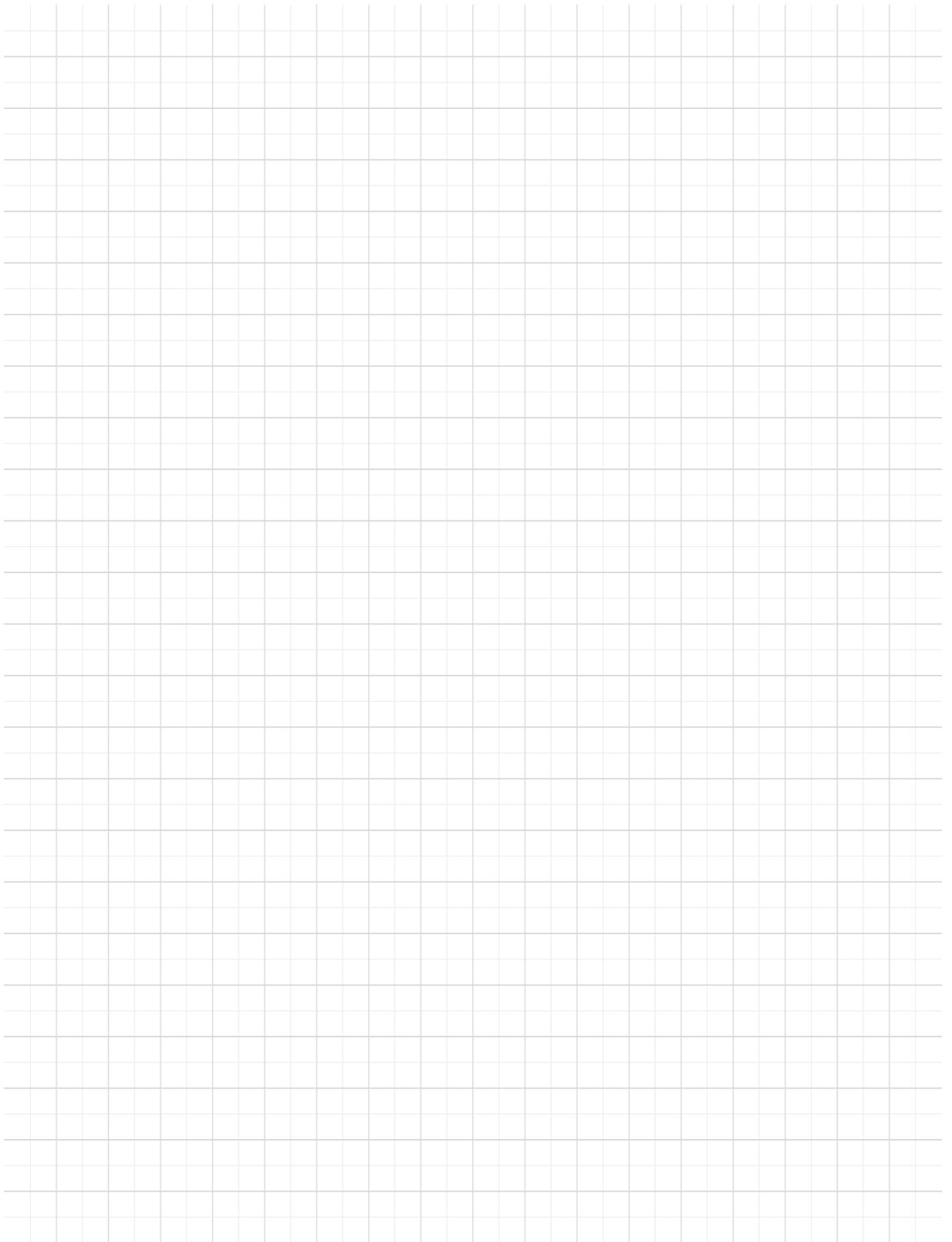


After the concrete casting, the formwork can be removed easily.



The Magnetic fastener can be removed from the anchor channel easily and quickly for reuse.

## NOTES





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