

**FIDLOCK®**

# COMPONENTS

## BIKE OEM

Catalogue 2/3



## FIDLOCK Components

We define „components“ as all products that are not ready for sale retail products\*. The FIDLOCK components range is structured into three areas. These are divided into individual catalogues for a better overview, but are all equally part of our overall component portfolio:

Components – magnetic fasteners (catalogue 1 of 3)

Magnetic-mechanical fasteners, buckles and attachments

Components – BIKE OEM (catalogue 2 of 3)

Magnetic-mechanical components for bicycles

Components – HERMETIC OEM (catalogue 3 of 3)

Water- and dustproof fastening elements and sew-in pockets

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\* retail products are listed in our retail catalogues (BIKE Retail, HERMETIC Retail)



## Magnetic fasteners and attachment solutions for the bike industry

Magnetic power has been our passion from the very start at FIDLOCK. Innovation and millions of sold magnetic fasteners on bags, shoes or helmets worldwide are driving us and turn the small and inconspicuous moment of opening and closing into an experience - always intuitive, always surprising.

In 2017, we dared to start the bike bottle revolution. For the first time, we developed a full product with our own technology for the bicycle industry. Complemented by our PUSH saddle bags, or our revolutionary VACUUM magnetic smartphone mount, we offer the right solution for every biker... and beyond.

## Make your products FIDLOCK-ready!

This catalogue includes all our OEM components for bikes and bike-related products based on our innovative technologies such as TWIST, VACUUM and PUSH. Make your products FIDLOCK-ready - you can install FIDLOCK components on your bikes ex-works that are compatible with our consumer products or equip your products with a user-friendly and innovative locking and fastening solution.

If you require further support or are unsure whether the buckle you have chosen is suitable for your application, please do not hesitate to contact us by e-mail: [info@fidlock.com](mailto:info@fidlock.com) or by phone: **+49 511 961 593 10**.

**User information: Please note it is possible that dirt (e.g. metal splinters) can get stuck to the magnetic fastening component and thus hinder it from closing correctly. Please advise your customers that the buckle should be free from dirt to guarantee perfect functionality.**

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## TWIST

*TWIST* freed the bike bottle from its cage! By substituting the big and old-fashioned bottle cage with FIDLOCK's tried and tested concept of all the fun and power of magnets with secure mechanical locking, FIDLOCK reinvented the way we shred on bikes.

To make your bikes FIDLOCK-ready, all it needs is one of our *TWIST* bases, which captivate with a small and minimalistic design. Of course, our OEM portfolio also includes diverse connectors for *TWIST* base compatible accessories. Thanks to the modular concept, the *TWIST* system is constantly expanded and currently contains various fastening components for bike bottles, bags and more. Additionally, you can choose from different bases adapted to diverse requirements, such as narrow bike frames or heavy loads.

### patents

Products of the *TWIST* family are protected by at least one of the following patents or patent applications.

***TWIST* bottle connector:** US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, BR112019003571, CA3036615, CN109641629, DE102016216422, EP3507176, EP3778364A1, JP2019526497, KR1020190040347, US10703429

***TWIST* uni/tex connector:** US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, BR112019003571, CA3036615, CN109641629, DE102016216422, EP3507176, EP3778364A1, JP2019526497, KR1020190040347, US10703429

***TWIST* base:** US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, BR112019003571, CA3036615, CN109641629, DE102016216422, EP3507176, EP3778364A1, JP2019526497, KR1020190040347, US10703429

You can find detailed and updated information on:  
[www.fidlock.com/components/en/patents](http://www.fidlock.com/components/en/patents)



**TWIST** bike base (excl. screws)

09603-000242 (BLK)

weight  
17 gdimensions (L x W x H)  
106 x 25 x 14 mmmaterial  
PA66-GFmax. load  
tbdcolour  
● black

- Cageless magnetic-mechanical mounting system for bike frames
- Flat and minimalistic design for perfect integration on the bike frame
- Easy installation with two screws
- For installation on the bottle cage threads on the bike frame

**note**

Screws are not included in the scope of delivery - required screws: ISO 7380-1 M5, stainless steel, length defined by customer (standard 16 mm).

The **TWIST** bike base requires a **TWIST** connector counterpart. Please take note of our **TWIST** compatibility chart at the end of the **TWIST** section.

**TWIST** bike base integrated – upwards (excl. screws)

F9617-000112 (BLK)

weight  
19,1 gdimensions (L x W x H)  
113,6 x 23,55 x 15,06 mmmaterial  
PA66-GFmax. load  
tbdcolour  
● black

- Cageless magnetic-mechanical mounting system for bike frames
- Can be embedded into bike frame to reduce the height
- Ideal for small and narrow bike frames
- Two versions with different screw positionings are available (upwards/downwards)

**note**

Also available as a downwards version with flipped orientation and arrow marking (F9617-000022 (BLK)).

Screws are not included in the scope of delivery - required screws: ISO 7380-1 M5 or DIN 6912 M5.

This base is not compatible with the **ABUS ML-BordoMount**.

The **TWIST** bike base integrated – upwards requires a **TWIST** connector counterpart. Please take note of our **TWIST** compatibility chart at the end of the **TWIST** section.

**TWIST** bike base integrated – downwards (excl. screws)

F9617-000022 (BLK)

weight  
19,1 gdimensions (L x W x H)  
113,6 x 23,55 x 15,06 mmmaterial  
PA66-GFmax. load  
tbdcolour  
● black

- Cageless magnetic-mechanical mounting system for bike frames
- Can be embedded into the bike frame to reduce the height
- Ideal for small and narrow bike frames
- Two versions with different screw positionings are available (upwards/downwards)

**note**

Also available as an upwards version with flipped orientation and arrow marking (F9617-000112 (BLK)).

Screws are not included in the scope of delivery - required screws: ISO 7380-1 M5 or DIN 6912 M5.

This base is not compatible with the **ABUS ML-BordoMount**.

The **TWIST** bike base integrated – downwards requires a **TWIST** connector counterpart. Please take note of our **TWIST** compatibility chart at the end of the **TWIST** section.

**TWIST belt only / belt for bottle** (incl. screws & nuts)

09619-000002 (BLK)

weight  
10 gdimensions (L x W x H)  
81 x 68 x 208 mmmaterial  
PP, stainless steelmax. bottle volume  
600 mlcolour  
● black

- Allows brands and manufacturers to equip their bottles with the *TWIST technology*
- Attached to bottles with the *TWIST bottle connector for belt* (09618-000002 (BLK))

## note

Screws and nuts are included in the scope of delivery.

The delivery of the belt and connector occurs after the successful completion of the belt only approval process.

This product can only be used with the *TWIST bottle connector for belt* (09618-000002 (BLK)) and requires a *TWIST base* counterpart. Please take note of our *TWIST* compatibility chart at the end of the *TWIST* section.**TWIST belt only / bottle connector for belt**

09618-000002 (BLK)

weight  
29 gdimensions (L x W x H)  
100 x 48 x 16 mmmaterial  
PA66-GFmax. bottle volume  
600 mlcolour  
● black

- Allows brands and manufacturers to equip their bottles with the *TWIST technology*
- Attached to bottles with the *TWIST belt for bottle* (09619-000002 (BLK))

## note

The delivery of the belt and connector occurs after the successful completion of the belt only approval process.

This product can only be used with the *TWIST belt for bottle* (09619-000002 (BLK)) and requires a *TWIST base* counterpart. Please take note of our *TWIST* compatibility chart at the end of the *TWIST* section.**tools for TWIST belt only**

TOOL29

weight  
2x 253 gdimensions (L x W x H)  
100 x 48 x 22,5 mm (1 pc excl. handle)m a t e r i a l  
aluminiumcolour  
● black / ● red

- Measuring tools for the assembly of the *TWIST belt only* components (09619-000002 (BLK), 09618-000002 (BLK))
- The *TWIST belt only* components allow brands and manufacturers to equip their bottles with the *TWIST technology*

## note

The delivery of the belt and connector occurs after the successful completion of the *TWIST belt only* approval process.

The scope of delivery includes two tools (1x red, 1x black).

**TWIST** *tex base horizontal*

09605-000012(BLK)



strap width  
25-40 mm

strap thickness  
1-2 mm

weight  
29 g

dimensions (L x W x H)  
112 x 32 x 16,8 mm

material  
PA66-GF

max. load  
800 g

Colour  
● black

- Ideal for sport and outdoor products
- Quick and easy attachment of accessories, bottles and small bags to straps, MOLLE-systems or textile surfaces
- Consists of two plates that are connected with magnetic screws (assembly tool available)

**note**

Magnetic screws are included in the scope of delivery. The TWIST tex base requires a TWIST connector counterpart. Please take note of our TWIST compatibility chart at the end of the TWIST section.

tool for **TWIST** *tex base horizontal*

TOOL 28



weight  
50 g

dimensions (Ø x H)  
40 x 15 mm

material  
aluminium, stainless steel

colour  
● black

- Tool for the assembly of the TWIST tex base horizontal (09605-000012(BLK))
- Placed on magnetic screws and used to screw the plates together

**TWIST** *tex connector* (incl. screws)

09606-000002(BLK)



weight  
44,2 g

dimensions (L x W x H)  
99,5 x 36 x 18,7 mm

height without back plate  
15,2 mm

material  
PA66-GF, PC-ABS, stainless steel

max. load  
tbd

colour  
● black

- Designed for textile applications, e.g small bags
- Ideal for quick and easy attachment of accessories to bikes, backpacks, etc.
- For assembly, place fabric between the body and plate of the TWIST tex connector and then screw them together

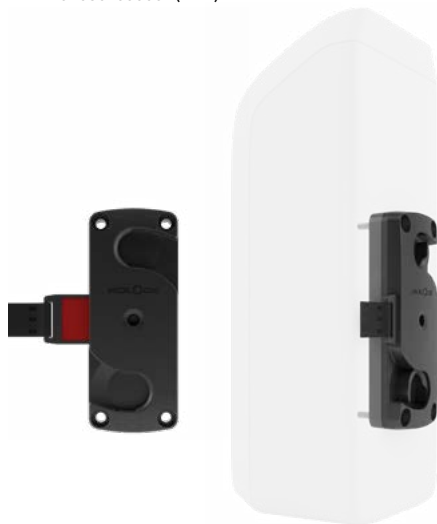
**note**

Screws are included in the scope of delivery.

The TWIST tex connector requires a TWIST base counterpart. Please take note of our TWIST compatibility chart at the end of the TWIST section.

**TWIST** force connector – front assembly (excl. screws)

09656-000002 (BLK)



weight

63 g

dimensions (L x W x H)

100 x 46,2 x 17,1 mm

material

PA66-GF, PA6, POM, silicone,  
stainless steel

max. load

tbd

colour

● black

- Offers a rattle-free connection for larger accessories, e.g. e-bike batteries
- Combines the *TWIST technology* with a two-step locking mechanism for additional securing
- Also available as a version that is screwed together from behind (09658-000002 (BLK))

## note

Screws are not included in the scope of delivery - required screws: DIN 912 M4 or ISO 4762.

The *TWIST force connector* requires a *TWIST base* counterpart. Please take note of our *TWIST* compatibility chart at the end of the *TWIST* section.

**TWIST** force connector – rear assembly (excl. screws)

09658-000002 (BLK)



weight

64 g

dimensions (L x W x H)

100 x 46,2 x 17,1 mm

material

PA66-GF, PA6, POM, silicone,  
stainless steel

max. load

tbd

colour

● black

- Offers a rattle-free connection for larger accessories, e.g. e-bike batteries
- Combines the *TWIST technology* with a two-step locking mechanism for additional securing
- Also available as a version that is screwed together from the front (09656-000002 (BLK))

## note

Screws are not included in the scope of delivery.

The *TWIST force connector* requires a *TWIST base* counterpart. Please take note of our *TWIST* compatibility chart at the end of the *TWIST* section.



base

bike base  
09603-000242 (BLK)bike base integrated  
F9617-000022 (BLK)  
F9617-000112 (BLK)tex base horizontal  
09605-000012 (BLK)tex base multi  
09650-P00002 (BLK)uni base  
09620-P00002 (BLK)

connector

bottle connector  
09604-002132 (BLK)bottle connector for belt  
09618-000002 (BLK)tex connector  
09606-000002 (BLK)force connector  
09656-000002 (BLK)  
09658-000002 (BLK)uni connector  
09622-P00002 (BLK)ABUS® bordo mount  
n/a - ABUS retail product

# PUSH

magnetic-mechanical quick-release system



## PUSH

PUSH combines innovative design with a unique style and intuitive handling. With *PUSH*, saddle bags are easily removed with one "PUSH" of a button on the base and just as easily re-attached by letting them magnetically "SNAP" into the mechanical locking mechanism. In combination, both ensure a reliable and secure locking – without any strap or hook-and-loop fastener.

### patents

Products of the *PUSH* family are protected by at least one of the following patents:

US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, CN103957739, EP2782468 (AT, DE, FR, GB, IT), US9555935, DE202014010491U1

You can find detailed and updated information on: [fidlock.com/components/en/patents](https://fidlock.com/components/en/patents)

**PUSH** saddle base

09172-000002(BLK)



weight  
47 g

dimensions (L x W x H)  
89,5 x 58,4 x 33 mm

material  
POM, PA66-GF, stainless steel

max. load  
500g

colour  
● black

- Ideal for easy attachment and quick-release of saddle bags beneath the bike saddle
- Female part only - used in combination with the *PUSH saddle bag connector* (09171-000002(BLK))
- Attached to the saddle rails with only one screw and easily retrofittable for users

**note**  
Compatible with all standard saddle rails.  
The screw is included in the scope of delivery.

Requires the *PUSH saddle bag connector* as counterpart. Alternatively, it is also compatible with the *SNAP male L tube clip* (05232-000002(BLK)).

**PUSH** saddle bag connector

09171-000002(BLK)



weight  
10 g

dimensions (L x W x H)  
37 x 42 x 13,5 mm

material  
PA66-GF

max. load  
tbd

colour  
● black

- Ideal for easy attachment and quick-release of saddle bags beneath the bike saddle
- Male part only - used in combination with the *PUSH saddle base* (09172-000002(BLK))
- Simply fitted to the bag with rivets or screws

**note**  
Rivets or screws are not included in the scope of delivery.

Requires the *PUSH saddle base* as counterpart.

**PUSH** saddle base + saddle bag connector

09170-000002(BLK)



weight  
57 g

dimensions (L x W x H)  
89,5 x 58,4 x 37,5 mm

material  
POM, PA66-GF, stainless steel

max. load  
tbd

colour  
● black

- Ideal for easy attachment and quick-release of saddle bags beneath the bike saddle
- Set including connector and base
- Attached to the saddle rails with only one screw, and the counterpart is fitted to the saddle bag with rivets or screws

**note**  
Compatible with all standard saddle rails.

Screw for saddle base is included in the scope of delivery. Rivets or screws for the saddle bag are not included in the scope of delivery.



## VACUUM

Make bikes VACUUM-ready ex-works with the FIDLOCK VACUUM ahead caps!

VACUUM is FIDLOCK's smartphone mount. It uses a unique and patented combination of a suction cup element and magnets to attach phones securely and quickly. The phone is easily positioned and connected to the mount through magnetic guidance, and the vacuum force reliably keeps it locked. In case of a strong impact, vacuum pressure created by the suction cup additionally secures the hold. The smartphone is released by simply pressing a lever on the side of the phone base. The smartphone can be operated with one hand and is 360° rotatable, while a ratchet prevents it from rotating during riding – even on rough trails!

Please note that our OEM portfolio only includes the VACUUM ahead caps for the installation on bikes. For use, a VACUUM base and a VACUUM phone case or VACUUM uni phone patch are required.

### patents

Products of the VACUUM family and the Screw bike adapter are protected by at least one of the following patents or patent applications:

**VACUUM patent applications:** DE102020210432A1, DE102017125846A1, CN110719998A, KR1020200100527A, EP3707397A2, JP2021501835A, US20210180642A1, JP2021501835A5

**VACUUM granted utility model:**  
DE202021103028U1

**SCREW bike adapter:** CN105378302, EP3019757 (AT, DE, ES, FR, GB, IT), JP6546916, US10383409, EP3135980 (DE, ES, FR, GB, IT), US10179548

You can find detailed and updated information on:  
[fidlock.com/components/en/patents](https://fidlock.com/components/en/patents)



**VACUUM ahead cap PA** (for VACUUM ahead cap base)

VP-0002B-00002 (BLK)

available  
soonWeight  
5 gdimensions (Ø x H)  
32 x 8,4 mmmaterial  
PA66-GFcolour  
● black

- > Makes bikes FIDLOCK-ready for the VACUUM ahead cap base and VACUUM phone cases
- > Inconspicuous integration on the bike
- > For installation on the head tube
- > Fits most 1 1/8 inch threadless headsets
- > Also available as an aluminium version (VP-0003B-00002 (ALB))

**note**  
VACUUM base and case are not included in the scope of delivery.

A screw is not included in the scope of delivery - required screws: DIN912/ISO4762 M6, length defined by customer (standard 30 mm).

**VACUUM ahead cap alu** (for VACUUM ahead cap base)

VP-0003B-00002 (ALB)

weight  
13 gdimensions (Ø x H)  
32 x 8,9 mmmaterial  
aluminiumcolour  
● black

- > Makes bikes FIDLOCK-ready for the VACUUM ahead cap base and VACUUM phone cases
- > Inconspicuous integration on the bike
- > For installation on the head tube
- > Fits most 1 1/8 inch threadless headsets
- > Also available as a PA version (VP-0002B-00002 (BLK))

**note**  
VACUUM base and case are not included in the scope of delivery.

A screw is not included in the scope of delivery - required screws: DIN912/ISO4762 M6, length defined by customer (standard 30 mm).

**SCREW bike adapter**

09180-000001 (BLK)

weight  
46 gdimensions (L x W x H)  
45,8 x 49 x 20 mmtube diameter (Ø)  
22-26 mmmaterial  
POM, PA6  
stainless steelstatic breaking load  
45 kgcolour  
● black

- > Ideal for the attachment of accessories to bikes, e.g. navigation system, GPS, action cam or smartphone
- > Complete set for installation on bike and accessory
- > Screwed locking mechanism for easy release
- > Secure hold free of play and vibration

**note**  
Screws are not included in the scope of delivery.





## 3/5-point locks

Our 3- and 5-point locks combine the intuitive and quick handling of our one-of-a-kind FIDLOCK concept with reliable and secure fastening. The automatic closing mechanism, which causes the components to securely snap into place when being closed, facilitates daily routines with high ease of use.

This product family includes all our 3-point and 5-point locks with single-action or double-action opening mechanisms and is ideal for applications such as baby buggies (depending on the implementation of the fastener on the product, use for safety-related applications only after successful suitability testing by the manufacturer). They are also ideal for applications on cargo bikes or bike trailers. The 3- and 5-point locks products can be customized with a logo or colours to meet the design of your products!

### patents

Our **JUNIOR** products are protected by at least one of the following patents.

#### ***JUNIOR 3-point / 5-point lock single action:***

US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, CN103957739, EP2782468 (AT, DE, FR, GB, IT), US9555935

#### ***JUNIOR 3-point / 5-point lock double action:***

CN104116273, CN102481035, EP2470041 (DE, FR, GB), US10626636, US9572410, US8794682, AU2007272165, CA2681141, CN101646362, EP2040572 (AT, DE, FR, GB, IT, NL), HK1140388, IN309795, JP5060554, KR101130654, RU2415623, US8430434, EP2436280 (AT, CH, DE, ES, FR, GB, IT, NL, PL, TR), CN101925313, EP2252176 (AT, DE, FR, GB), US8353544, VN10019341, CN103957739, EP2782468 (AT, DE, FR, GB, IT), US9555935

You can find detailed and updated information on:  
**[fidlock.com/components/en/patents](https://fidlock.com/components/en/patents)**

# JUNIOR

3/5-point locks

**JUNIOR 3-point lock single action**

F5170-000012(BLK)



opening mechanism  
slide

webbing width  
25/40 mm

weight  
ca. 50 g

dimensions (L x W x H)  
96,6 x 77,0 x 13,5 mm

material  
PA66GF15/ABS, steel (zinc coated),  
stainless steel

static breaking load  
40 kg

colour  
● black

assembly  
strap, single bar

- > 3-point lock with single-handed operation
- > Assembly with three straps: 1 x 40,0 mm strap and 2 x 20,0 or 2 x 25,0 mm straps
- > Ideal for applications with 3-point straps, e.g. buggies, highchairs (depending on the implementation of the fastener on the product)
- > Also suited for applications on cargo bikes and bike trailers

**note**

Not suitable for the safety-related use on children's car seats. Does not meet Group 0 or 1 standards for child car seats.

Use for safety-related applications only after successful suitability testing by the manufacturer.

**JUNIOR 3-point lock double action**

F5171-000012(BLK)



opening mechanism  
push & slide

webbing width  
25/40 mm

weight  
ca. 50 g

dimensions (L x W x H)  
96,6 x 77,0 x 13,5 mm

material  
PA66GF15/ABS, steel (zinc coated),  
stainless steel

static breaking load  
40 kg

colour  
● black

assembly  
strap, single bar

- > 3-point lock with double-action opening: push down first, then slide laterally
- > Assembly with 3 straps: 1 x 40,0 mm strap and 2 x 20,0 or 2 x 25,0 mm straps
- > Ideal for applications with 3-point straps, e.g. buggies and similar strap systems (depending on the implementation of the fastener on the product)
- > Also suited for applications on cargo bikes and bike trailers

**note**

Not suitable for the safety-related use on children's car seats. Does not meet Group 0 or 1 standards for child car seats.

Use for safety-related applications only after successful suitability testing by the manufacturer.

**JUNIOR 5-point lock single action**

F5175-000002(BLK)



opening mechanism  
slide

webbing width  
25/40 mm

weight  
ca. 60 g

dimensions (L x W x H)  
100,0 x 94,0 x 17,0 mm

material  
PA66GF15, ABS, PA6

static breaking load  
40 kg

colour  
● black

assembly  
strap, single bar

- > 5-point lock
- > Assembly with five straps: 1 x 40,0 mm strap and 4 x 20,0 or 4 x 25,0 mm straps
- > Male parts of the shoulder and waist straps can be opened together or separately
- > Ideal for applications with 5-point straps, e.g. buggies, highchairs (depending on the implementation of the fastener on the product)
- > Also suited for applications on cargo bikes and bike trailers

**note**

Not suitable for the safety-related use on children's car seats. Does not meet Group 0 or 1 standards for child car seats.

Use for safety-related applications only after successful suitability testing by the manufacturer.

**JUNIOR** 5-point lock double action

F5176-000002(BLK)



opening mechanism  
push & slide

webbing width  
25/40 mm

weight  
ca. 60 g

dimensions (L x W x H)  
100,0 x 94,0 x 17,0 mm

material  
PA66GF15, ABS, steel (zinc coated),  
stainless steel

static breaking load  
40 kg

colour  
● black

assembly  
strap, single bar

- > 5-point lock with double-action opening:  
push down first, then slide laterally
- > Assembly with five straps: 1 x 40,0 mm strap and  
4 x 20,0 or 4 x 25,0 mm straps
- > Male parts of the shoulder and waist straps can be  
opened together or separately
- > Ideal for applications with 5-point straps,  
e.g. buggies, highchairs (depending on the  
implementation of the fastener on the product)
- > Also suited for applications on cargo bikes and bike  
trailers

**note**

Not suitable for the safety-related use on children's car  
seats. Does not meet Group 0 or 1 standards for child  
car seats.

Use for safety-related applications only after  
successful suitability testing by the manufacturer.



## PINCLIP – strong, intuitive and rattle-free connections

With the *PINCLIP* products, FIDLOCK presents innovative, durable and virtually clearance-free mounting and fastening solutions for challenging applications, e.g. on moving objects.

Naturally, the technology of the *PINCLIP* product family is in line with our FIDLOCK concept, uniting secure fastening with intuitive ease of use – thanks to the ingenious combination of magnets and mechanics. The functionality of *PINCLIP* is defined by two durable magnetic metal pins that automatically lock into place when closing the fastener. This results in the *PINCLIP*-typical features – secure, virtually clearance- and rattle-free fastening paired with quick and easy use.

Depending on the version, *PINCLIP* products are the ideal choice for diverse application areas, e.g. as connectors for bags, object mounts in cars or other vehicles, fasteners for battery covers on e-bikes and much more!

### patents

*PINCLIP* products feature an innovative technology that creates virtually clearance-free fastening with high ease of use for challenging application areas. Therefore, products of the *PINCLIP* family are protected by at least one of the following patents:

DE102019201259A1, EP3857075A1, CN113383170A, KR1020210118856A, HK40048852A, US20220082123A1, JP7216211B2, EP3800360B1 (DE,FR,GB), DE102019215277A1, EP3827178A1, CN113056216A, HK40042921A, HK40047616A, TWI766385B, US20220312904A1, JP2022550493A, DE402022100460, EU015004182, DE402022100533, EU015004184

You can find detailed and updated information on [fidlock.com/en/patents](https://fidlock.com/en/patents).

**PINCLIP M**

FA-10011-000002(BLK) + A-10100-000002(BLK)

**NEW**

male part



female part

opening mechanism  
pullweight  
ca. 26 gdimensions (L x W x H)  
female: 71,0 x 59,4 x 12,3 mm  
male: 18,2 x 59,4 x 10,2 mmmaterial  
PA66GF30, PA66GF15, PA6,  
stainless steel (Zn coated), siliconestatic breaking load  
100 kgcolour  
blackassembly  
rivets or screws (not included)sector  
bags, outdoor, sports, transportation, professionals

- > Strong and virtually clearance- and rattle-free fastening paired with intuitive use
- > Version with a large pull tab for quick-release
- > Easy assembly with rivets or screws (not included)
- > Ideal for challenging applications, e.g. mounting equipment in moving objects or connecting bags

Note  
Not suitable for safety-related applications.

**PINCLIP M**

FA-10011-000002(BLK) + A-10100-000002(BLK)

**NEW**

male part



female part

opening mechanism  
flip leverweight  
ca. 27 gdimensions (L x W x H)  
female: 29,2 x 59,4 x 12,3 mm  
male: 43,6 x 35,8 x 14,0 mmmaterial  
PA66GF30, PA66GF15, PA6,  
stainless steel (Zn coated),stainless steel  
static breaking load  
100 kgcolour  
blackassembly  
rivets or screws (not included),  
clip in (see assembly guide)sector  
professionals, sports, transportation, outdoor, bags

- > Strong and virtually clearance- and rattle-free fastening paired with intuitive use
- > Version for integration into surfaces ([click here](#) for additional information about assembly and integration)
- > No disturbing protruding elements - the opening lever automatically folds back when the fastener closes
- > Ideal for applications on moving objects or products requiring flat surfaces, e.g. battery or storage cover on e-bikes

Note  
Not suitable for safety-related applications.



## Disclaimer

The manufacturer of the end products in which FIDLOCK fasteners are used, bears the responsibility for thoroughly testing that the FIDLOCK products are suitable for the intended applications. FIDLOCK assumes no responsibility for damage caused by misuse, modification or repairs. All ultimate load specifications in sales catalogues are voluntary, non-binding specifications and cannot replace the test conducted by the end product manufacturer in which the manufacturer tests the adequacy of the FIDLOCK products for their intended application. The load capacities apply to freshly produced, black products. Load capacities may vary depending on age and colour. Unless otherwise specified, the products will be sold in their original colour (black).

## Patents

All product families and the product belonging to them are protected by various patents and patent applications worldwide.

FIDLOCK is a registered trademark. Mistakes, misprints and technical changes reserved. Colours may deviate from the originals due to the printing process.

## Weights

The product weights in the technical data are rounded to full grams for calculation purposes. Please contact [info@fidlock.com](mailto:info@fidlock.com) if you require detailed information.

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**fidlock.com**

#fidlockmoment | @fidlock.components | www.fidlock.com | info@fidlock.com  
FIDLOCK GmbH | Kirchhorster Straße 39 | 30659 Hannover | Germany  
Photography: Björn Reschabek | COMPONENTS BIKE OEM / EN / v1.6 / 230530  
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