

Fastening systems

An increasing number of flexible and multi-purpose fastening systems is required for the cabling of machines and facilities.

The repeatedly reusable HEBOTEC products satisfy these needs.

Furthermore, HEBOTEC also offers solutions using self-extinguishing materials according to the Flammability Test UL94.

These products have been approved by many automobile manufacturers.



Hook-and-loop tape

PRODUCT DESCRIPTION

Hook-and-loop tape of polypropylene in high quality can be reused hundreds of times. The tapes are perfect for bundeling, organisation and protection of cables and wires.

ADVANTAGES

- > cable bundles can be extended easily
- > self-extinguishing design according to UL94-V2

- > hook-and-loop tape on reel can be cut to the required length
- > reduced risk of injury compared to use of cut off cable binder

TECHNICAL DATA

Material: Polypropylene
reusable hundreds of times

HOOK-AND-LOOP TAPE ON REEL TO CUT TO SIZE, SELF-EXTINGUISHING ACCORDING TO UL94-V2

ITEM DESCRIPTION	ORDER NO.	DIMENSION	PU
Hook-and-loop tape on reel FRT	11-KE07015FRT	7.5 mm	15 m
Hook-and-loop tape on reel FRT	11-KE10025FRT	10 mm	25 m
Hook-and-loop tape on reel FRT	11-KE13025FRT	13 mm	25 m
Hook-and-loop tape on reel FRT	11-KE16025FRT	16 mm	25 m
Hook-and-loop tape on reel FRT	11-KE20025FRT	20 mm	25 m
Hook-and-loop tape on reel FRT	11-KE25025FRT	25 mm	25 m
Hook-and-loop tape on reel FRT	11-KE30025FRT	30 mm	25 m



Hook-and-loop cable binder

PRODUCT DESCRIPTION

Hook-and-loop tape of polypropylene in high quality can be reused hundreds of times. The tapes are perfect for bundeling, organisation and protection of cables and wires.

ADVANTAGES

- > cable bundles can be extended easily
- > self-extinguishing design according to UL94-V2

- > hook-and-loop cable binders on reel are perforated to ease tearing off
- > reduced risk of injuries compared to the use of cut off cable binders

TECHNICAL DATA

Material: Polypropylene
reusable hundreds of times

HOOK-AND-LOOP CABLE BINDER, SELF-EXTINGUISHING ACCORDING TO UL94-V2

ITEM DESCRIPTION	ORDER NO.	DIMENSION	PU
Hook-and-loop cable binder on reel FRT	11-KK13200FRT	7 x 200 mm	750 pcs
Hook-and-loop cable binder on reel FRT	11-KK20150FRT	13 x 150 mm	1000 pcs
Hook-and-loop cable binder on reel FRT	11-KK20200FRT	13 x 200 mm	750 pcs
Hook-and-loop cable binder on reel FRT	11-KK20330FRT	13 x 330 mm	450 pcs



HEBOFIX base for hook-and-loop tape

PRODUCT DESCRIPTION

The base for hook-and-loop fasteners serves as installation support and provides minimal damage during attachment of pipes, cables and tubes. The base can be equipped, free of tools, with hook-and-loop fasteners in variable lengths.

The base is available for both, direct assembly with flat-head screw or with the mounting accessories for assembly onto C-rails and profile groove.

ADVANTAGES

- > variable length of the hook-and-loop tape, or already assembled with hook-and-loop tape
- > provides a tangle-free and protective cable installation

- > reusable
- > cable bundles can be extended easily
- > easy handling
- > reduced risk of injuries compared to the use of cut off cable binders

TECHNICAL DATA

Material: Polyamide, reinforced with glass fibre, self-extinguishing according to UL94-V0

ACCESSORIES

- > hook-and-loop tape on reel
- > mounting accessories

HEBOFIX BASE FOR HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS 4–20	3011-001	clamping range 4–20 mm, hook-and-loop tape 7.5 mm, M4	10
KBS 4–20	3011-002	clamping range 4–20 mm, hook-and-loop tape 10 mm, M4	10
KBS 8–35	3011-004	clamping range 8–35 mm, hook-and-loop tape 20 mm, M4 or M5	10
KBS 10–60	3011-006	clamping range 10–60 mm, hook-and-loop tape 20 mm, M4 or M5	10

HEBOFIX BASE ASSEMBLED WITH HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-KE 4–20	3011-001-150	clamping range 4–20 mm, hook-and-loop tape 150 x 7.5 mm, M4	10
KBS-KE 4–20	3011-002-150	clamping range 4–20 mm, hook-and-loop tape 150 x 10 mm, M4	10
KBS-KE 8–35	3011-004-180	clamping range 8–35 mm, hook-and-loop tape 180 x 20 mm, M4 or M5	10
KBS-KE 10–60	3011-006-200	clamping range 10–60 mm, hook-and-loop tape 200 x 20 mm, M4 or M5	10



HEBOFIX base Big for hook-and-loop tape

PRODUCT DESCRIPTION

The base for hook-and-loop fasteners serves as installation support which prevents damage during attachment of pipes, cables and tubes. The base can be equipped, free of tools, with hook-and-loop fasteners in variable lengths.

The base is available for both, direct assembly with an M6 cylinder screw or using the mounting accessories for assembly onto a profile groove.

ADVANTAGES

- > variable length of the hook-and-loop tape, or already assembled with hook-and-loop tape
- > provides a tangle-free and protective cable installation

- > reusable
- > cable bundles can be extended easily
- > easy handling
- > reduced risk of injuries compared to the use of cut off cable binders

TECHNICAL DATA

Material: Polyamide, reinforced with glass fibre, self-extinguishing according to UL94-V0

ACCESSORIES

- > hook-and-loop tape on reel
- > mounting accessories

HEBOFIX BASE BIG FOR HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS 20-100	3011-010	clamping range 20-100 mm, hook-and-loop tape 30 mm, M6	10

HEBOFIX BASE BIG ASSEMBLED WITH HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-KE 20-100	3011-010-300	clamping range 20-100 mm, hook-and-loop tape 300 x 30 mm, M6	10

HEBOFIX BIG MOUNTING PROCEDURE





HEBOFIX base for aluminium profile

PRODUCT DESCRIPTION

The base for hook-and-loop fasteners with clamping foot serves as a gentle installation support of lines, cables and hoses on aluminium profiles.

The clamping foot can be assembled by a 90° turn into the rabbet of aluminium profiles or by pushing into a boring. After that you can assemble the base with our hook-and-loop tape in variable length.

ADVANTAGES

- > simple mounting without tools into popular aluminium profiles
- > variable length of the hook-and-loop tape, or already assembled with hook-and-loop tape
- > provides a tangle-free and protective cable installation

- > reusable
- > cable bundles can be extended easily
- > easy handling
- > reduced risk of injuries compared to use of cut off cable binders

TECHNICAL DATA

Material: Polyamid reinforced with glass fibre, self-extinguishing according to UL94-V0

ACCESSORIES

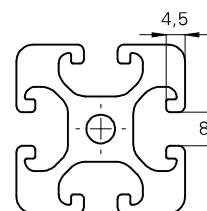
- > hook-and-loop tape on reel
- > also available assembled with tape

MOUNTING PROCEDURE FOR HEBOFIX BASE FOR ALUMINIUM PROFILE



**HEBOFIX BASE FOR ITEM-PROFILE WITH 8 MM-RABBET**

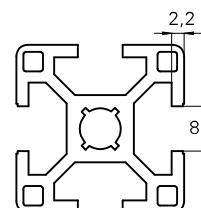
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-I8 4-20 10	3011-102	clamping range 4-20 mm, hook-and-loop tape 75 mm und 10 mm	10
KBS-I8 8-35 20	3011-104	clamping range 8-35 mm, hook-and-loop tape 20 mm	10
KBS-I8 10-60 20	3011-106	clamping range 10-60 mm, hook-and-loop tape 20 mm	10

**HEBOFIX BASE FOR ITEM-PROFILE WITH 8 MM-RABBET, ASSEMBLED WITH HOOK-AND-LOOP TAPE**

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-I8 4-20 10	3011-102-150	clamping range 4-20 mm, hook-and-loop tape 150 x 10 mm	10
KBS-I8 8-35 20	3011-104-180	clamping range 8-35 mm, hook-and-loop tape 180 x 20 mm	10
KBS-I8 10-60 20	3011-106-200	clamping range 10-60 mm, hook-and-loop tape 200 x 20 mm	10

HEBOFIX BASE FOR BOSCH-PROFILE MIT 8 MM-RABBET

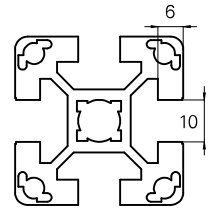
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-B8 4-20 10	3011-112	clamping range 4-20 mm, hook-and-loop tape 75 mm und 10 mm	10
KBS-B8 8-35 20	3011-114	clamping range 8-35 mm, hook-and-loop tape 20 mm	10
KBS-B8 10-60 20	3011-116	clamping range 10-60 mm, hook-and-loop tape 20 mm	10

**HEBOFIX BASE FOR BOSCH-PROFILE MIT 8 MM-RABBET, ASSEMBLED WITH HOOK-AND-LOOP TAPE**

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-B8 4-20 10	3011-112-150	clamping range 4-20 mm, hook-and-loop tape 150 x 10 mm	10
KBS-B8 8-35 20	3011-114-180	clamping range 8-35 mm, hook-and-loop tape 180 x 20 mm	10
KBS-B8 10-60 20	3011-116-200	clamping range 10-60 mm, hook-and-loop tape 200 x 20 mm	10

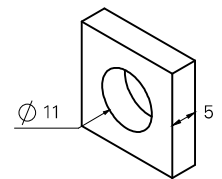


HEBOFIX BASE FOR BOSCH-PROFILE WITH 10 MM-RABBET			
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-B10 4-20 10	3011-122	clamping range 4-20 mm, hook-and-loop tape 75 mm und 10 mm	10
KBS-B10 8-35 20	3011-124	clamping range 8-35 mm, hook-and-loop tape 20 mm	10
KBS-B10 10-60 20	3011-126	clamping range 10-60 mm, hook-and-loop tape 20 mm	10



HEBOFIX BASE FOR BOSCH-PROFILE WITH 10 MM-RABBET, ASSEMBLED WITH HOOK-AND-LOOP TAPE			
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-B10 4-20 10	3011-122-150	clamping range 4-20 mm, hook-and-loop tape 150 x 10 mm	10
KBS-B10 8-35 20	3011-124-180	clamping range 8-35 mm, hook-and-loop tape 180 x 20 mm	10
KBS-B10 10-60 20	3011-126-200	clamping range 10-60 mm, hook-and-loop tape 200 x 20 mm	10

HEBOFIX BASE FOR EGT-PROFILE WITH 11 MM-BORING			
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-EGT 4-20 10	3011-132	clamping range 4-20 mm, hook-and-loop tape 75 mm und 10 mm	10
KBS-EGT 8-35 20	3011-134	clamping range 8-35 mm, hook-and-loop tape 20 mm	10
KBS-EGT 10-60 20	3011-136	clamping range 10-60 mm, hook-and-loop tape 20 mm	10



HEBOFIX BASE FOR EGT-PROFILE WITH 11 MM-BORING, ASSEMBLED WITH HOOK-AND-LOOP TAPE			
ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS-EGT 4-20 10	3011-132-150	clamping range 4-20 mm, hook-and-loop tape 150 x 10 mm	10
KBS-EGT 8-35 20	3011-134-180	clamping range 8-35 mm, hook-and-loop tape 180 x 20 mm	10
KBS-EGT 10-60 20	3011-136-200	clamping range 10-60 mm, hook-and-loop tape 200 x 20 mm	10



HEBOFIX base for C-rail

PRODUCT DESCRIPTION

The base for hook-and-loop fasteners for C-rails serves as a gentle installation support of lines, cables and hoses on C-rails.

The base can be assembled by a 90° turn into C-rail profile with an 11 mm or 16 mm port. The base can be secured after tightening by a screw onto the C-rail.

ADVANTAGES

- > easy 90° mounting, secured with screw
- > variable length of the hook-and-loop tape, or already assembled with hook-and-loop tape

- > provides a tangle-free and protective cable installation
- > reusable
- > cable bundles can be extended easily
- > easy handling
- > reduced risk of injuries compared to the use of cut off cable binders

TECHNICAL DATA

Material: galvanised steel,
Polyamid reinforced with glass fibre, self-extinguishing according to UL94-V0
Polypropylene

HEBOFIX BASE FOR C-RAIL

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS 4–20 GM C11 10	3011-232	clamping range 4–20 mm, hook-and-loop tape 10 mm, C11-rail	10
KBS 8–35 GM C11 20	3011-234	clamping range 8–35 mm, hook-and-loop tape 20 mm, C11-rail	10
KBS 10–60 GM C11 20	3011-236	clamping range 10–60 mm, hook-and-loop tape 20 mm, C11-rail	10
KBS 4–20 C16 10	3011-022	clamping range 4–20 mm, hook-and-loop tape 10 mm, C16-rail	10
KBS 8–35 C16 20	3011-024	clamping range 8–35 mm, hook-and-loop tape 20 mm, C16-rail	10
KBS 10–60 C16 20	3011-026	clamping range 10–60 mm, hook-and-loop tape 20 mm, C16-rail	10
KBS 20–100 GM C11/16	3011-030	cl. r. 20–100 mm, hook-and-loop tape 30 mm, C11/C16-rail, 2 x M6	10

HEBOFIX BASE FOR C-RAIL, ASSEMBLED WITH HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
KBS 4–20 GM C11 10	3011-232-150	clamping range 4–20 mm, hook-and-loop tape 150 x 10 mm, C11-rail	10
KBS 8–35 GM C11 20	3011-234-180	clamping range 8–35 mm, hook-and-loop tape 180 x 20 mm, C11-rail	10
KBS 10–60 GM C11 20	3011-236-200	clamping range 10–60 mm, hook-and-loop tape 200 x 20 mm, C11-rail	10
KBS 4–20 C16 10	3011-022-150	clamping range 4–20 mm, hook-and-loop tape 150 x 10 mm, C16-rail	10
KBS 8–35 C16 20	3011-024-180	clamping range 8–35 mm, hook-and-loop tape 180 x 20 mm, C16-rail	10
KBS 10–60 C16 20	3011-026-200	clamping range 10–60 mm, hook-and-loop tape 200 x 20 mm, C16-rail	10
KBS 20–100 GM C11/16	3011-030-300	cl. r. 20–100 mm, hook-and-loop tape 300 x 30 mm, C11/C16-rail 2 x M6	10



HEBOFIX Maintenance box

PRODUCT DESCRIPTION

With the HEBOFIX Maintenance box, you always have the fitting HEBOFIX base and the appropriate hook-and-loop tape close at hand.

The box is equipped with HEBOFIX bases for the clamping areas 4 - 20 mm, 8 - 35 mm, 10 - 60 mm and 20 - 100 mm for direct mounting and also clamping feet for aluminium profiles.

The matching hook-and-loop tape in the widths of 7.5 mm, 10 mm, 20 mm and 30 mm on reel is also included. The hook-and-loop tape, coming in the high-quality FRT-version according to UL94-V2, can easily be cut to the desired length.

ADVANTAGES

- > all parts are clearly arranged
- > set box in sturdy workshop design
- > universally usable
- > hook-and-loop tape self-extinguishing according to UL94-V2

CONTENTS

- > HEBOFIX base with clamping foot for aluminium profiles
- > HEBOFIX base for direct mounting
- > hook-and-loop tape in the widths of 7.5 mm, 10 mm, 20 mm and 30 mm
- > mounting adapters and sliding nuts for mounting on C-rails
- > more than 350 individual parts

HEBOFIX MAINTENANCE BOXBOX

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
HEBOFIX BOX B8 B10 I8	3029-002	Maintenance Box Bosch / Item mixed	1
HEBOFIX BOX I8	3029-004	Maintenance Box Item 8 mm rabbet	1
HEBOFIX BOX B8 B10	3029-006	Maintenance Box Bosch 8 mm and 10 mm rabbet	1
HEBOFIX BOX xxx	3029-xxx	Maintenance Box customized	3



Mounting accessories for HEBOFIX base

PRODUCT DESCRIPTION

The accessories for HEBOFIX base for hook-and-loop fasteners allows mounting the base onto a variety of mounting rails.

ADVANTAGES

- > can be combined with the HEBOFIX base for hook-and-loop tape
- > self-anchoring slot nut with balls and springs
- > mounting adapter for C-rails for 90° mounting
- > clip-foot for tool-free assembly onto a 35 mm DIN rail

TECHNICAL DATA

Material: galvanised steel,
nickle-plated steel

MOUNTING ACCESSORIES FOR HEBOFIX BASE FOR HOOK-AND-LOOP TAPE

ITEM DESCRIPTION	ORDER NO.	DETAILED DESCRIPTION	PU
C11/5 GM	3011-308	sliding nut M5 for C-rail 11 mm	10
C16/4 KBS 20	3011-204	mounting adapter for C-rail 16mm for KBS 8–35, KBS 10–60, M4	10
C16/4 HSKB 16	3011-206	mounting adapter for C-rail 16mm for KBS 4–20, M4	10
Slot nut 8, M4	3011-301	slot nut for 8 mm profile groove, M4	10
Slot nut 8, M5	3011-305	slot nut for 8 mm profile groove, M5	10
Slot nut 8, M6	3011-306	slot nut for 8 mm profile groove, M6	10
Clip foot M4	1030-020	clip foot for 35 mm DIN rail, M4	25
Clip foot M5	1030-022	clip foot for 35 mm DIN rail, M5	25



Hook-and-loop fastener

PRODUCT DESCRIPTION

The hook-and-loop fastener is used for a safe and gentle attachment of pipes, cables and hoses. The fastener is available for direct mounting with an M5-screw or for a second use with integrated clamp mechanism for profiles with a 10 mm slot width.

ADVANTAGES

- > self-extinguishing fasteners according to UL94-V2
- > cable bundles can be extended easily

- > easy handling
- > reduced risk of injuries compared to the use of cut off cable binders

TECHNICAL DATA

Material: base made of polyamide, reinforced with glass fibre
hook-and-loop tape self-extinguishing, according to UL94-V2

HOOK-AND-LOOP FASTENER			
ITEM DESCRIPTION	ORDER NO.	DIMENSION	PU
KBH 6-20	3010-001	clamping range 6-20 mm	10
KBH 6-35	3010-002	clamping range 6-35 mm	10
KBH 6-60	3010-003	clamping range 6-60 mm	10
KBHP 6-20	3010-004	clamping range 6-20 mm, for profile slot 10 mm	10
KBHP 6-35	3010-005	clamping range 6-35 mm, for profile slot 10 mm	10
KBHP 6-60	3010-006	clamping range 6-60 mm, for profile slot 10 mm	10