



WINDOW TECHNOLOGY  
DOOR TECHNOLOGY  
AUTOMATIC ENTRANCE SYSTEMS  
BUILDING MANAGEMENT SYSTEMS



## DOOR TECHNOLOGY

# Panic exit devices in accordance with EN 1125 Emergency exit devices in accordance with EN 179

Edition 04/2015

- Panic exit and emergency exit devices for narrow stile doors
- Panic exit and emergency exit devices for timber and steel doors
- Accessories for narrow stile, timber and steel doors
- Useful information

Securing technology for you





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## Tradition obliges – leading standards in design and quality

### A corporate group with tradition

For over 100 years, the owner-managed GU Group has been fascinated with the opening, swinging, closing and locking of windows and doors. Technical innovations and continual development of architectural hardware technology have and will continue to shape forces in the market, setting new standards and trends for the future.

### The Gretsch-Unitas Group

The corporate group consists of more than 50 manufacturing and distribution companies in 35 countries. With the internationally leading brands GU (architectural hardware), BKS (locks, locking systems) and FERCO (architectural hardware), the group offers "Securing Technology for You".

### Corporate group product overview

In its window technology, door technology, automatic entrance systems and building management systems divisions, the GU Group manufactures and distributes about 30,000 single items which are easy to combine.

### Securing technology for you

We use the major challenges of creating innovative und visionary system solutions to break new ground. Together with architects, planners and profile system manufacturers, we develop individual comprehensive solutions.

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## Panic exit and emergency exit devices for narrow stile doors



Inside view

Outside view



**Combination 1 to EN 179**

B-1126 panic lock  
B 9000 striker  
Door hardware

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**Combination 2 to EN 1125**

B-1126 panic lock  
B 9000 striker  
Door hardware

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**Combination 2a to EN 1125**

B 1316 panic lock  
B 9000 striker  
Door hardware

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**Combination 3 to EN 179**

B-1126 panic lock  
B-1126 shoot-bolt lock  
Door hardware  
B 1895 passive-leaf control lock  
B 9006 vertical rod, top  
B 9006 vertical rod, bottom  
B 9000 striker  
B 9009 floor striker  
B 9019 guide plate for vertical rod

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**Combination 4 to EN 1125**

B-1126 panic lock  
B-1126 shoot-bolt lock  
Door hardware  
B 1895 passive-leaf control lock  
B 9006 vertical rod, top  
B 9006 vertical rod, bottom  
B 9000 striker  
B 9009 floor striker  
B 9019 guide plate for vertical rod

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## Combination 1 to EN 179

Panic function, single-leaf



Inside view



Outside view



### Functional description

#### Inside

The door can be opened at any time using the lever handle (panic function). With series B-1126, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

Panic function B

Panic function E

#### Outside

The door leaf is opened using the key and lever handle (panic function B). The door can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside). With series B-1126, locking is done by key.

### Possible applications

- Emergency exits to EN 179 in non-public areas
- Suitable for fire and smoke control doors
- Due to the external lever handle, use as entrance door or connecting door is possible from both sides depending on the particular panic function

### Recommendation

- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels

# Combination 1 to EN 179

Panic function, single-leaf



## Active leaf:

- ① = Panic lock
- ② = Striker
- ③ = Door closer



Active leaf						
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 270 mm		see page	
			DIN LH	DIN RH		
1	1126 / Panic function B	35	B-11260-07-L-8	B-11260-07-R-8	17	
		40	B-11260-08-L-8	B-11260-08-R-8	17	
		45	B-11260-09-L-8	B-11260-09-R-8	17	
			<b>Non-handed</b>			
	1126 / Panic function E	35	B-11260-13-U-8			17
		40	B-11260-14-U-8			17
45		B-11260-15-U-8			17	

Frame			
No.	Product		see page
2	Flat striker	B 9000 1045	22
	U-striker	B 9000 1218	22
3	For door closers refer to our catalogue WP00600-04-2-1		

Door hardware to EN 179			
Narrow stile rosette, stainless steel			
	Product		see page
	Lever set, panic function B	B-72030-01-0-8	24
	Panic function E	B-72330-01-0-8	25

## Combination 2 to EN 1125

Panic function, single-leaf



Inside view



Outside view



### Functional description

#### Inside

The door can be opened by the push bar at any time (panic function). With series B-1126, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

Panic function B

Panic function E

#### Outside

The door leaf is opened using the key and lever handle (panic function B). The door can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1126, locking is done by key.

### Possible applications

- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors
- With the fixed knob/pull handle on the outside, access is only possible by key.

### Recommendation

- Doors on transformer stations and boiler rooms
- Lift shafts
- Underground car parks
- Entrance to stores and business houses
- Homes for the elderly and senior residences



# Combination 2 to EN 1125

Panic function, single-leaf



## Active leaf:

- 1 = Panic lock
- 2 = Striker
- 3 = Door closer



Active leaf						
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 270 mm		see page	
			DIN LH	DIN RH		
1	1126 / Panic function B	35	B-11260-07-L-8	B-11260-07-R-8	17	
		40	B-11260-08-L-8	B-11260-08-R-8	17	
		45	B-11260-09-L-8	B-11260-09-R-8	17	
			<b>Non-handed</b>			
	1126 / Panic function E	35	B-11260-13-U-8			17
		40	B-11260-14-U-8			17
45		B-11260-15-U-8			17	

Frame			
No.	Product		see page
2	Flat striker	B 9000 1045	22
	U-striker	B 9000 1218	22
3	For door closers refer to our catalogue WP00600-04-2-1		

Door hardware to EN 1125			
External side – Narrow stile rosette, stainless steel			
	Product		see page
	Half-set with lever handle, panic function B	B-72130-01-0-8	25
	Half-set with knob, panic function E	B-72630-01-0-8	25
Inside view			
	Push bar	B 7192 5100 0500	26
	Cross bar for push bar	B 7100 4274 0500	26

## Combination 2a to EN 1125

Panic function, single-leaf



Inside view



Outside view



### Functional description

#### Inside

The door can be opened by the push bar at any time (panic function).

### Possible applications

- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors

# Combination 2a to EN 1125

Panic function, single-leaf



## Active leaf:

- ① = Panic lock
- ② = Striker
- ③ = Door closer



Active leaf							
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 160 mm		U-faceplate 24 x 6 x 160 mm		see page
			DIN LH	DIN RH	DIN LH	DIN RH	
1	1316	35	B 1316 2003	B 1316 2004	B 1316 2023	B 1316 2024	20
		40	B 1316 2005	B 1316 2006	B 1316 2025	B 1316 2026	20
		45	B 1316 2007	B 1316 2008	B 1316 2027	B 1316 2028	20

Frame			
No.	Product		see page
2	Flat striker	B 9000 1097	22
	U-striker	B 9000 1098	22
3	For door closers refer to our catalogue WP00600-04-2-1		

Door hardware to EN 1125			
Inside view			
	Product		see page
	Push bar	B 7100 5100 0500	26
	Cross bar for push bar	B 7100 4274 0500	26

## Combination 3 to EN 179

Panic function, double-leaf



Inside view

Outside view



### Functional description

#### Active leaf

##### Inside

The active leaf can be opened at any time using the lever handle (panic function). With series B-1126, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

##### Outside

The active leaf is opened using the key and lever handle (panic function B). The active leaf can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1126, locking is done by key.

Panic function B

Panic function E

#### Passive leaf

##### Inside

Active and passive leaf can be opened at any time using the vertical lever (panic function on both leaves). Upon closing, the passive leaf is locked automatically via the vertical rods.

Option: If the door is opened by the passive leaf, the carrier bar ensures that the active leaf is taken along as far as to activate the door leaf coordinator, so the leaves can close in the appropriate sequence. Moreover, the leaves cannot jam, not even with a small clearance. The closing sequence of the door is controlled by the door leaf coordinator integrated in the closer.

### Possible applications

- Emergency exits to EN 179 in non-public areas
- Suitable for fire and smoke control doors
- Due to the external lever handle, use as entrance door or connecting door is possible from both sides, depending on the particular panic function
- Suitable for very high entrance doors with a tendency to warp (only by agreement with the door fabricator and in compliance with approvals)

### Recommendation

- Hallway doors in office buildings
- Homes for the elderly
- Service doors
- Museums
- Airports
- Stadiums
- Administrative areas

# Combination 3 to EN 179

Panic function, double-leaf



## Active leaf:

- 1 = Panic lock
- 9 = Door closer



## Passive leaf:

- 2 = Shoot-bolt lock
- 3 = Control lock
- 4 = Vertical rod
- 5 = Solid vertical rod
- 6 = Striker
- 7 = Floor striker
- 8 = Guide plate for vertical rod
- 9 = Door closer

### Active leaf

No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 270 mm		see page
			DIN LH	DIN RH	
1	1126 / Panic function B	35	B-11260-19-L-8	B-11260-19-R-8	18
		40	B-11260-20-L-8	B-11260-20-R-8	18
		45	B-11260-21-L-8	B-11260-21-R-8	18
			<b>Non-handed</b>		
	1126 / Panic function E	35	B-11260-25-U-8		18
		40	B-11260-26-U-8		18
45		B-11260-27-U-8		18	

### Passive leaf

No.	Product	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
2	1126	35	B-11260-31-U-8	19
3	1895	35	B 1895 0003 0500	52
4	9006	with end plug	B 9006 0013 0500	52
5	9006	solid	B 9006 0004 0500	53
6	9000	for 9006	B 9000 0490	23
7	9009	-	B 9009 0001 0500	53
8	9019	-	B 9019 0001 0500	54
9	For door closers refer to our catalogue WP00600-04-2-1			

### Door hardware to EN 179

#### Narrow stile rosette, stainless steel

	Product		see page
	Lever set, panic function B	B-72030-01-0-8	24
	Panic function E	B-72330-01-0-8	25
	Vertical lever	B-72130-41-0-8	25

## Combination 4 to EN 1125

Panic function, double-leaf



Inside view

Outside view



### Functional description

#### Active leaf

##### Inside

The active leaf can be opened by the push bar at any time (panic function). With series B-1126, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

##### Outside

The active leaf is opened using the key and lever handle (panic function B). The active leaf can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1126, locking is done by key.

Panic function B

Panic function E

#### Passive leaf

##### Inside

Active and passive leaf can be opened at any time using the push bar (panic function on both leaves). Upon closing, the passive leaf is locked automatically via the vertical rods.

Option: If the door is opened by the passive leaf, the carrier bar ensures that the active leaf is taken along as far as to activate the door leaf coordinator, so the leaves can close in the appropriate sequence. Moreover, the leaves cannot jam, not even with a small clearance. The closing sequence of the door is controlled by the door leaf coordinator integrated in the closer.

### Possible applications

- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors
- With the fixed knob/pull handle on the outside, access is only possible by key.

### Recommendation

- Shopping centres
- Airports
- Stadiums
- Entry halls and foyers
- Schools and universities
- Hospitals

# Combination 4 to EN 1125

Panic function, double-leaf



## Active leaf:

- 1 = Panic lock
- 9 = Door closer



## Passive leaf:

- 2 = Shoot-bolt lock
- 3 = Control lock
- 4 = Vertical rod
- 5 = Solid vertical rod
- 6 = Striker
- 7 = Floor striker
- 8 = Guide plate for vertical rod
- 9 = Door closer

### Active leaf

No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 270 mm		see page
			DIN LH	DIN RH	
1	1126 / Panic function B	35	B-11260-19-L-8	B-11260-19-R-8	18
		40	B-11260-20-L-8	B-11260-20-R-8	18
		45	B-11260-21-L-8	B-11260-21-R-8	18
			<b>Non-handed</b>		
	1126 / Panic function E	35	B-11260-25-U-8		18
		40	B-11260-26-U-8		18
45		B-11260-27-U-8		18	

### Passive leaf

No.	Product	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
2	1126	35	B-11260-31-U-8	19
3	1895	35	B 1895 0003 0500	52
4	9006	with end plug	B 9006 0013 0500	52
5	9006	solid	B 9006 0004 0500	53
6	9000	for 9006	B 9000 0490	23
7	9009	-	B 9009 0001 0500	53
8	9019	-	B 9019 0001 0500	54
9	For door closers refer to our catalogue WP00600-04-2-1			

### Door hardware to EN 1125

External side – Narrow stile rosette, stainless steel			
	Product		see page
	Half-set with lever handle, panic function B	B-72130-01-0-8	25
	Half-set with knob, panic function E	B-72630-01-0-8	25
Active leaf, internal side			
	Push bar	B 7192 5100 0500	26
	Cross bar for push bar	B 7100 4274 0500	26
Passive leaf, internal side			
	Push bar	B 7100 5100 0500	26
	Cross bar for push bar	B 7100 4274 0500	26

# B-1126 fire protection door lock

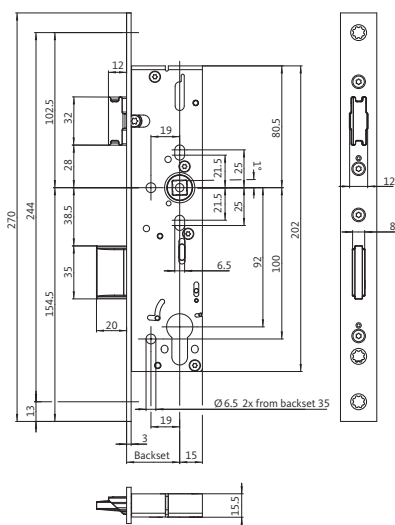
for single-leaf doors



## Functional description

### Normal function

The latch can be actuated via lever handle or key (latch lever) from both sides. The deadbolt can be locked and withdrawn by key from both sides.



### Tender specification

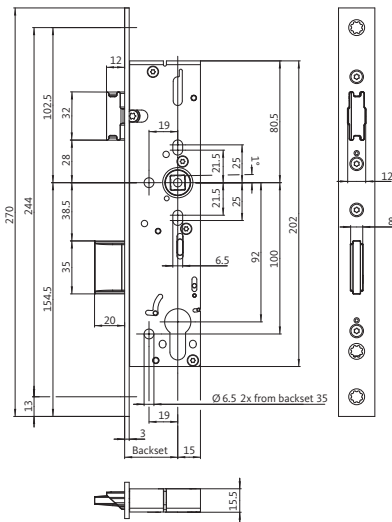
BKS fire protection door lock B-1126, stainless steel faceplate, square, with latch lever, galvanised lock case, assembly-friendly guide for the cylinder fixing screw, screw holes for through-fixing of door hardware arranged above and below the special follower with 9 mm square, reinforced follower bearing, stainless steel latch, nickel-plated zinc die-cast deadbolt with 20 mm single throw, 15 mm behind backset, 92 mm hole distance

## B-1126 fire protection door lock for single-leaf doors

Product	Backset mm	Faceplate 24 x 3 x 270 mm Non-handed
1126	35	B-11260-01-U-8
	40	B-11260-02-U-8
	45	B-11260-03-U-8







**Functional description**

**Panic function B**

Function from inside  
The outside handle can be activated for "daytime" operation.

Function from outside  
It reverts to idle when the door is locked via the cylinder, which means it cannot be opened from the outside. Opening the door in escape direction is possible at any time.

**Panic function E**

Function from inside  
Latch and deadbolt are retracted by operating the inside lever handle. Must be locked again (from the inside or outside) using the key.

Function from outside  
The only hardware that may be used is a backplate with fixed knob or a push/pull handle. Latch and deadbolt are only operated by the key (via the latch lever). Both locking elements are withdrawn simultaneously.

**Tender specification**

BKS panic lock B-1126, stainless steel faceplate, square, with latch lever (panic function E) or without latch lever (panic function B); in conjunction with BKS WDL hardware approved to EN 179 (emergency exit devices) and EN 1125 (panic exit devices), galvanised lock case, assembly-friendly guide for the cylinder fixing screw, screw holes for through-fixing of door hardware arranged above and below the special follower with 9 mm square, reinforced follower bearing, stainless steel latch; nickel-plated zinc die-cast deadbolt with 20 mm single throw, 15 mm clearance behind backset, 92 mm hole distance

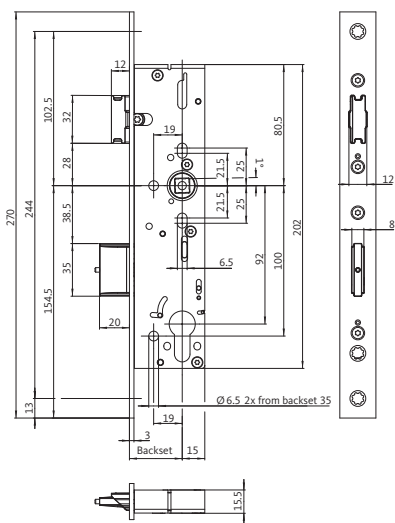
**B-1126 panic lock for single-leaf doors**

Product / Function	Backset mm	Faceplate 24 x 3 x 270 mm	
		DIN LH	DIN RH
1126 / Panic function B	35	B-11260-07-L-8	B-11260-07-R-8
	40	B-11260-08-L-8	B-11260-08-R-8
	45	B-11260-09-L-8	B-11260-09-R-8
Product / Function	Backset mm	Faceplate 24 x 3 x 270 mm	
		Non-handed	
1126 / Panic function E	35	B-11260-13-U-8	
	40	B-11260-14-U-8	
	45	B-11260-15-U-8	



# B-1126 panic lock

for double-leaf doors



## Functional description

### Panic function B

Function from inside

The outside handle can be activated for "daytime" operation.

Function from outside

It reverts to idle when the door is locked via the cylinder, which means it cannot be opened from the outside. Opening the door in escape direction is possible at any time.

### Panic function E

Function from inside

Latch and deadbolt are retracted by operating the inside lever handle. Must be locked again (from the inside or outside) using the key.

Function from outside

The only hardware that may be used is a backplate with fixed knob or a push/pull handle. Latch and deadbolt are only operated by the key (via the latch lever). Both locking elements are withdrawn simultaneously.

### Tender specification

BKS panic lock B-1126, stainless steel faceplate, square, with latch lever (panic function E) or without latch lever (panic function B); in conjunction with BKS WDL hardware approved to EN 179 (emergency exit devices) and EN 1125 (panic exit devices), galvanised lock case, assembly-friendly guide for the cylinder fixing screw, screw holes for through-fixing of door hardware arranged above and below the special follower with 9 mm square, reinforced follower bearing, stainless steel latch; nickel-plated zinc die-cast deadbolt with 20 mm single throw, 15 mm clearance behind backset, 92 mm hole distance

## B-1126 panic lock for double-leaf doors

Product / Function	Backset mm	Faceplate 24 x 3 x 270 mm	
		DIN LH	DIN RH
1126 / Panic function B	35	B-11260-19-L-8	B-11260-19-R-8
	40	B-11260-20-L-8	B-11260-20-R-8
	45	B-11260-21-L-8	B-11260-21-R-8
Product / Function	Backset mm	Faceplate 24 x 3 x 270 mm	
		Non-handed	
1126 / Panic function E	35	B-11260-25-U-8	
	40	B-11260-26-U-8	
	45	B-11260-27-U-8	



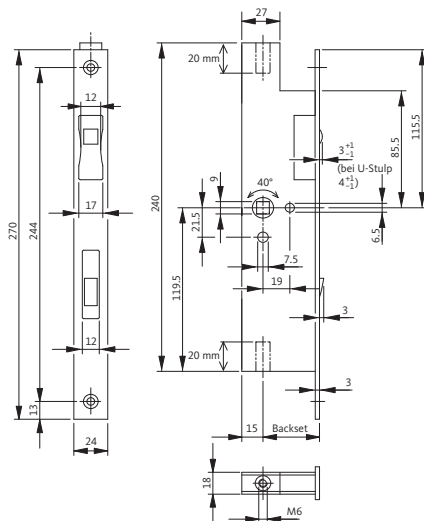
# B-1126 shoot-bolt lock

self-locking



## Functional description

When the passive leaf is closed, the spring-loaded vertical rods are triggered automatically by control lock 1895 and extend upwards and downwards. Now the passive leaf is locked. When unlocking, the vertical rods are retracted into the passive leaf by operating the vertical lever or panic push bar which simultaneously pushes the deadbolt and latch back into the lock of the active leaf. When the opening movement of the hardware is completed, the vertical rod is automatically locked in place within the control lock. As they are steplessly arrested as long as the passive leaf is open, the vertical rods are prevented from projecting so the floor will not be damaged.



## Tender specification

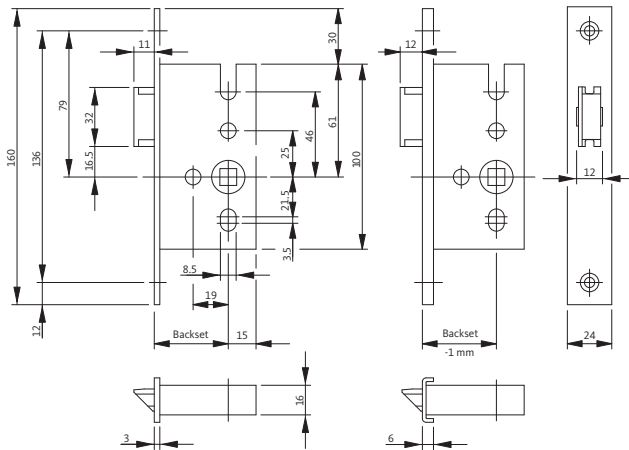
BKS panic shoot-bolt lock B-1126 for automatic top/bottom locking, stainless steel faceplate, square, in conjunction with BKS hardware approved to EN 179 (emergency exit devices) and EN 1125 (panic exit devices), galvanised lock case; follower with 9 mm square; 15 mm clearance behind backset

B-1126 shoot-bolt lock, self-locking		
Product	Backset mm	Faceplate 24 x 3 x 270 mm Non-handed
1126	35	B-11260-31-U-8
	40	B-11260-32-U-8
	45	B-11260-33-U-8



# B 1316 latch lock

for single-leaf doors



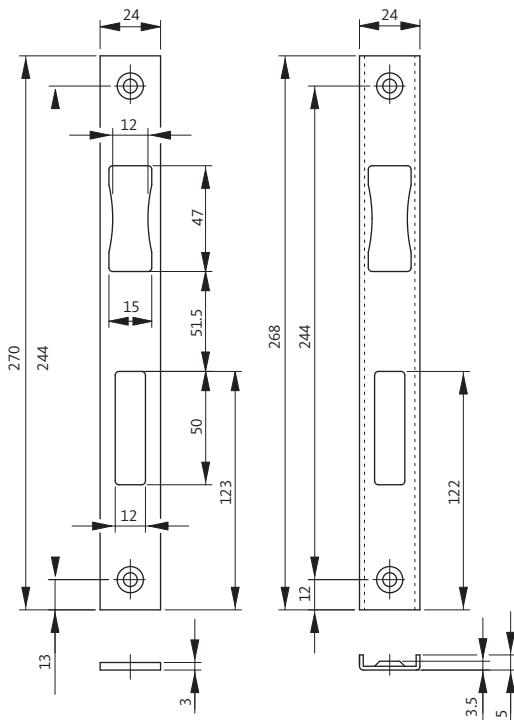
### Tender specification

BKS latch lock B 1316, stainless steel faceplate, square, flat faceplate 24 mm x 3 mm (or U-faceplate 24 mm x 6 mm), galvanised lock case, screw holes for through-fixing of narrow stile door hardware with connecting screws up to M 8 arranged around follower; follower with 9 mm square, 15 mm clearance behind backset, backset \_\_ mm

### B 1316 latch lock for single-leaf doors

Product	Backset mm	Faceplate 24 x 3 x 160 mm		U-faceplate 24 x 6 x 160 mm	
		DIN LH	DIN RH	DIN LH	DIN RH
1316	35	B 1316 2003	B 1316 2004	B 1316 2023	B 1316 2024
	40	B 1316 2005	B 1316 2006	B 1316 2025	B 1316 2026
	45	B 1316 2007	B 1316 2008	B 1316 2027	B 1316 2028





## B 9000 striker

suitable for normal-duty applications;  
square shape

### Flat striker Versions / Order numbers

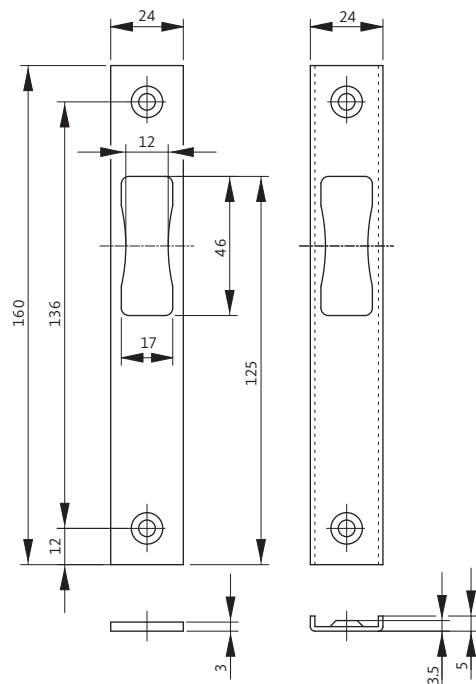
Material/ Finish	24 x 3 x 270 mm Non-handed
stainless steel	B 9000 1045

### U-striker Versions / Order numbers

Material/ Finish	24 x 5 x 268 mm Non-handed
stainless steel	B 9000 1218

### Suitable for locks:

B-1126



## B 9000 striker

suitable for normal-duty applications;  
square shape

### Flat striker Versions / Order numbers

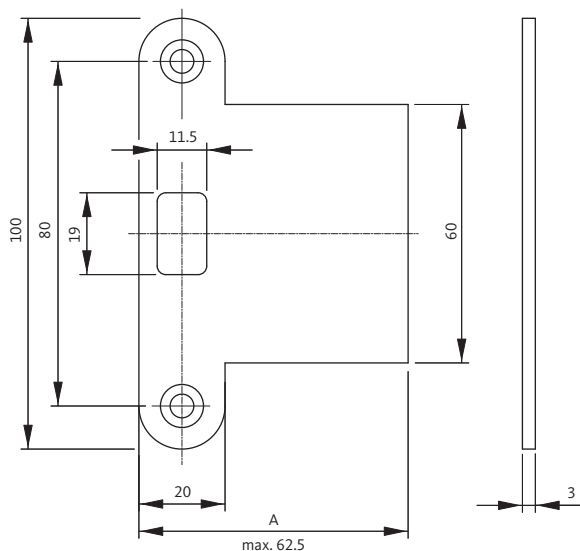
Material/ Finish	24 x 3 x 160 mm Non-handed
stainless steel	B 9000 1097

### U-striker Versions / Order numbers

Material/ Finish	24 x 5 x 160 mm Non-handed
stainless steel	B 9000 1224

### Suitable for locks:

1316



## B 9000 lipped striker

for passive-leaf control lock 1895; suitable for normal-duty applications, round

### Versions / Order numbers

Material/ Finish	Order number Non-handed	
stainless steel	Dim. A = 62.5 mm	B 9000 0490

### Suitable for locks:

1895

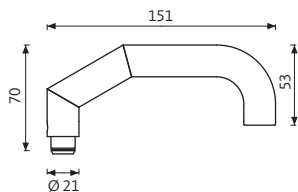
# Project hardware to EN 1906 and EN 179

RONDO series

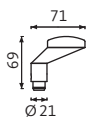


## WDL project hardware

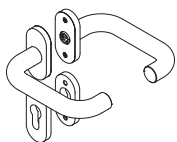
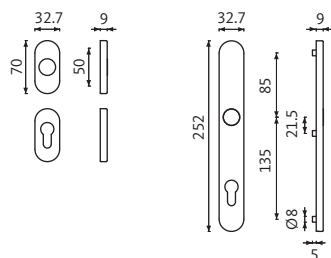
guarantees a maintenance-free bearing system for lever handles (= "Wartungsfreie Drücker-Lagerung" = 'WDL'). Axial pulling forces are absorbed due to a very large bearing surface. Radial forces are absorbed by an 8 mm long, toothed fixing element that holds the lever; the resilient and robust fixing element is patented. The WDL bearing system also features a lubricant reservoir. The mounting accessories for door thicknesses of 42 to 52 mm are included in the items supplied. For use on escape doors with a split follower, the split spindle must be ordered separately.



RONDO H1.1

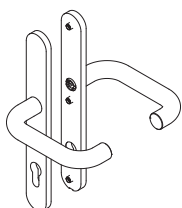


K1.1 round knob



### Narrow stile lever set with rosettes, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC - oval	RONDO H1.1	stainless steel matt	B-72030-01-0-8

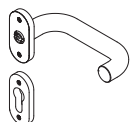


### Narrow stile lever set with backplates, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC 92 mm - round	RONDO H1.1	stainless steel matt	B-72040-61-0-8

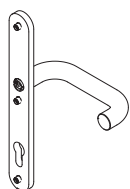






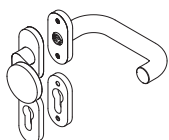
**Narrow stile half-set with lever handle and rosettes, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC - oval	RONDO H1.1	stainless steel matt	B-72130-01-0-8
Vertical lever	RONDO H1.1	stainless steel matt	B-72130-61-0-8



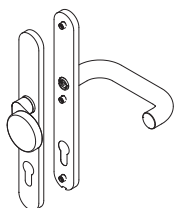
**Narrow stile half-set with lever handle and backplate, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC 92 mm - round	RONDO H1.1	stainless steel matt	B-72140-61-0-8
Vertical lever	RONDO H1.1	stainless steel matt	B-72140-41-0-8



**Narrow stile entrance set with rosettes, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC - oval	RONDO H1.1	stainless steel matt	B-72330-01-0-8



**Narrow stile entrance set with backplates, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC 92 mm - round	RONDO H1.1	stainless steel matt	B-72340-61-0-8



**Narrow stile half-set with rosette and knob**

Cylinder hole	Lever handle model	Colour	Order number
PC - oval	K1.1 round knob	stainless steel matt	B-72630-01-0-8



**Narrow stile half-set with backplate and knob**

Cylinder hole	Lever handle model	Colour	Order number
PC 92 mm - round	K1.1 round knob	stainless steel matt	B-72640-61-0-8

# Panic exit devices to EN 1125 – Push bar

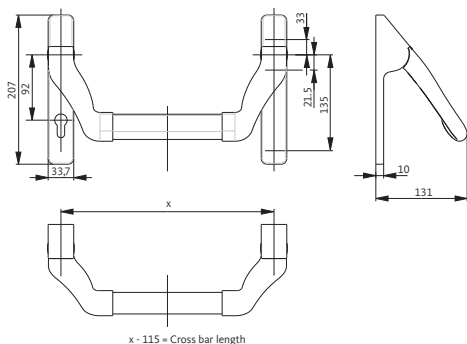


## Product information

BKS push bar for use on smoke protection, fire protection and escape doors to DIN 18273, DIN 4102 and EN 1634, with integrated stainless steel gear unit, 9 mm spindle. Approval to EN 1125 only in conjunction with approved BKS locks. With retention spring, suitable for use on heavy active and passive door leaves up to 300 kg.

Cylinder hole: PC 92 mm or without hole (non-handed)

Material/finish:  
PVC black, matt  
stainless steel



### Push bar to EN 1125

Type of set	Cylinder hole	PVC black, cross bar aluminium F1	Stainless steel matt
active leaf without cross bar	PC 92	B 7192 5100 0500	B 7192 5141 0500

### Push bar to EN 1125

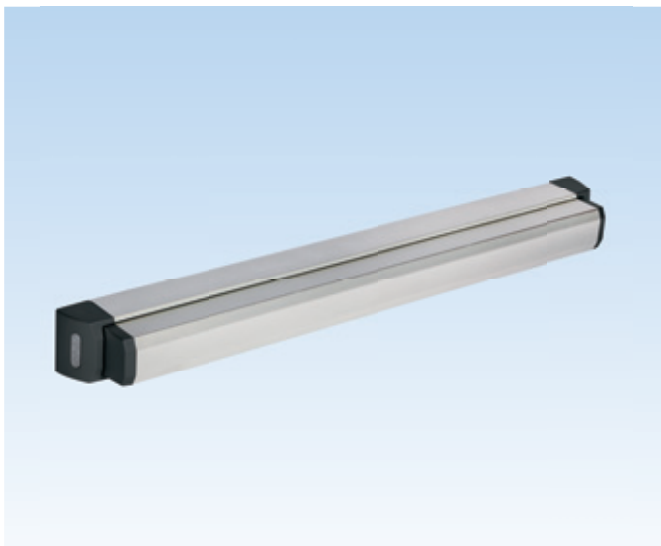
Type of set	Cylinder hole	PVC black, cross bar aluminium F1	Stainless steel matt
passive leaf without cross bar	dummy	B 7100 5100 0500	B 7100 5141 0500

### Cross bar

Type of set	Cross bar length	Aluminium F1	Stainless steel matt
Cross bar	1150 mm	B 7100 4274 0500	B 7100 4204 0500



# Panic exit devices to EN 1125 – Touch bar



## Product information

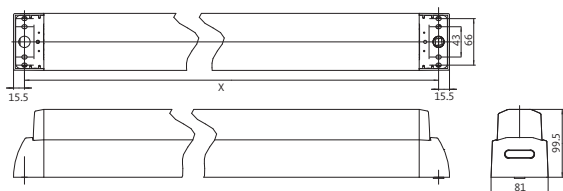
BKS touch bar for use on smoke protection, fire protection and escape doors to DIN 18273, DIN 4102 and EN 1634, with integrated gear unit, 9 mm spindle. Approval to EN 1125 only in conjunction with approved BKS locks. With retention spring, suitable for use on heavy active and passive door leaves up to 300 kg.

Cylinder hole: without hole  
(non-handed)

Material/finish:  
– aluminium F1 (end caps PVC black)

With fixing accessories

Note:  
The touch bar must also be ordered with dimension X. Minimum 640 mm.



### Touch bar in accordance with EN 1125

Type of set	Cylinder hole	Dim "x"	Aluminium F1 (end caps PVC black)
active leaf/passive leaf DIN left/right	–	1158 mm	B-74410-02-0-6

### PC rosette

Type of set	Backplate type	Cylinder hole	EV1 finish
PC rosette	rosette, square	PC	B-72730-10-0-1
	rosette, oval		B-72730-00-0-1



# Panic exit and emergency exit devices for timber and steel doors



Inside view

Outside view



**Combination 1 to EN 179**

Page 30 – 31

- B-1125 panic lock
- B 9000 striker
- Door hardware



**Combination 2 to EN 1125**

Page 32 – 33

- B-1125 panic lock
- B 9000 striker
- Door hardware



**Combination 2a to EN 1125**

Page 34 – 35

- B-1125 panic lock
- B 9000 striker
- Door hardware



**Combination 3 to EN 179**

Page 36 – 37

- B-1125 panic lock
- B-1190 shoot-bolt lock
- Door hardware
- B 1895 passive-leaf control lock
- B 9006 vertical rod, top
- B 9006 vertical rod, bottom
- B 9000 striker
- B 9009 floor striker
- B 9019 guide plate for vertical rod



**Combination 4 to EN 1125**

Page 38 – 39

- B-1125 panic lock
- B-1190 shoot-bolt lock
- Door hardware
- B 1895 passive-leaf control lock
- B 9006 vertical rod, top
- B 9006 vertical rod, bottom
- B 9000 striker
- B 9009 floor striker
- B 9019 guide plate for vertical rod



## Combination 1 to EN 179

Panic function, single-leaf



Inside view



Outside view

### Functional description

#### Inside

The door can be opened at any time using the lever handle (panic function). With series B-1125, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

Panic function B

Panic function E

#### Outside

The door leaf is opened using the key and lever handle (panic function B). The door can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1125, locking is done by key.

### Possible applications

- Emergency exits to EN 179 in non-public areas
- Suitable for fire and smoke control doors
- Due to the external lever handle, use as entrance door or connecting door is possible from both sides depending on the particular panic function

### Recommendation

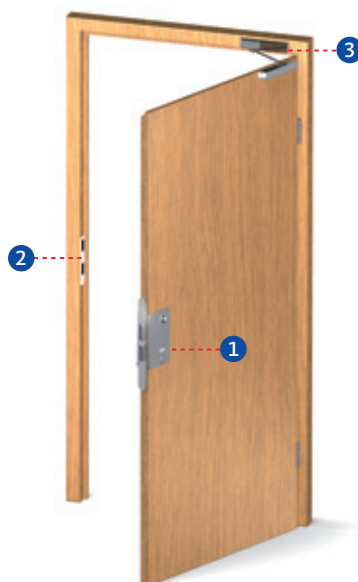
- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels

# Combination 1 to EN 179

Panic function, single-leaf

## Active leaf:

- ① = Panic lock
- ② = Striker
- ③ = Door closer



Active leaf				
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
1	1125 / Panic function E	65	B-11259-01-U-2	41
	1125 / Panic function B		B-11259-02-U-2	41
	1125 / Panic function E		B-11259-03-U-2	42
	1125 / Panic function B		B-11259-04-U-2	42

Frame				
No.	Product	Faceplate shape		see page
2	Lipped striker	round	B 9000 0810	44
		square	B 9000 0775	44
3	For door closers refer to our catalogue WP00600-04-2-1			

Door hardware to EN 179			
Short backplate, black PVC			
	Product		see page
	Lever set, panic function B	B 7123 0000	47
	Panic function E	B 7123 0010	47

## Combination 2 to EN 1125

Panic function, single-leaf



Inside view



Outside view

### Functional description

#### Inside

The door can be opened by the push bar at any time (panic function). With series B-1125, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

Panic function B

Panic function E

#### Outside

The door leaf is opened using the key and lever handle (panic function B). The door can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1125, locking is done by key.

### Possible applications

- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors
- With the fixed knob/pull handle on the outside, access is only possible by key.

### Recommendation

- Doors on transformer stations and boiler rooms
- Lift shafts
- Underground car parks
- Entrance to stores and business houses
- Homes for the elderly and senior residences

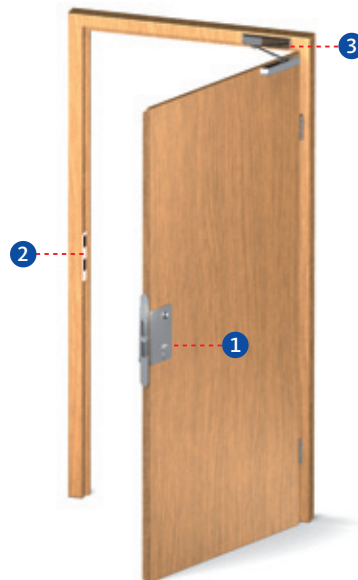


# Combination 2 to EN 1125

Panic function, single-leaf

## Active leaf:

- ① = Panic lock
- ② = Striker
- ③ = Door closer



Active leaf				
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
1	1125 / Panic function E	65	B-11259-01-U-2	41
	1125 / Panic function B		B-11259-02-U-2	41
	1125 / Panic function E		B-11259-03-U-2	42
	1125 / Panic function B		B-11259-04-U-2	42

Frame				
No.	Product	Faceplate shape		see page
2	Lipped striker	round	B 9000 0810	44
		square	B 9000 0775	44
3	For door closers refer to our catalogue WP00600-04-2-1			

Door hardware to EN 1125				
External side – Short backplate, black PVC				
	Product			see page
	Half-set with lever handle, panic function B	B 7123 0200		47
	Half-set with knob, panic function E	B 7123 0202		47
Inside view				
	Push bar	B 7172 5100 0500		50
	Cross bar for push bar	B 7100 4274 0500		50

## Combination 2a to EN 1125

Panic function, single-leaf



Inside view



Outside view

### Functional description

#### Inside

The door can be opened by the push bar at any time (panic function).

### Possible applications

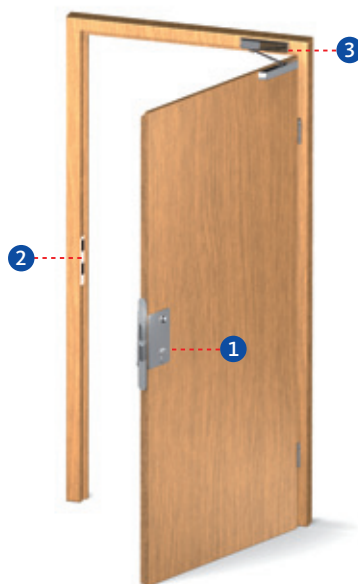
- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors

# Combination 2a to EN 1125

Panic function, single-leaf

## Active leaf:

- 1 = Panic lock
- 2 = Striker
- 3 = Door closer



Active leaf				
No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
1	1125 / Panic function E	65	B-11259-01-U-2	41

Frame				
No.	Product	Faceplate shape		see page
2	Lipped striker	round	B 9000 0810	44
		square	B 9000 0775	44
3	For door closers refer to our catalogue WP00600-04-2-1			

Door hardware to EN 1125			
Inside view			
	Product		see page
	Push bar	B 7100 5100 0500	50
	Cross bar for push bar	B 7100 4274 0500	50

## Combination 3 to EN 179

Panic function, double-leaf



Inside view



Outside view

### Functional description

#### Active leaf

##### Inside

The active leaf can be opened at any time using the lever handle (panic function). With series B-1125, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

##### Outside

The active leaf is opened using the key and lever handle (panic function B). The active leaf can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1125, locking is done by key.

Panic function B

Panic function E

#### Passive leaf

##### Inside

Active and passive leaf can be opened at any time using the vertical lever (panic function on both leaves). Upon closing, the passive leaf is locked automatically via the vertical rods.

Option: If the door is opened by the passive leaf, the carrier bar ensures that the active leaf is taken along as far as to activate the door leaf coordinator, so the leaves can close in the appropriate sequence. Moreover, the leaves cannot jam, not even with a small clearance. The closing sequence of the door is controlled by the door leaf coordinator integrated in the closer.

### Possible applications

- Emergency exits to EN 179 in non-public areas
- Suitable for fire and smoke control doors
- Due to the external lever handle, use as entrance door or connecting door is possible from both sides, depending on the particular panic function

### Recommendation

- Hallway doors in office buildings
- Homes for the elderly
- Service doors
- Museums
- Airports
- Stadiums
- Administrative areas

# Combination 3 to EN 179

Panic function, double-leaf



## Active leaf:

- 1 = Panic lock
- 9 = Door closer



## Passive leaf:

- 2 = Shoot-bolt lock
- 3 = Control lock
- 4 = Vertical rod
- 5 = Solid vertical rod
- 6 = Striker
- 7 = Floor striker
- 8 = Guide plate for vertical rod
- 9 = Door closer

### Active leaf

No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
1	1125 / Panic function E	65	B-11259-01-U-2	41
	1125 / Panic function B		B-11259-02-U-2	41

### Passive leaf

No.	Product	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
2	1190	65	B-11900-00-0-2	43
3	1895	65	B 1895 0003 0500	52
4	9006	with end plug	B 9006 0013 0500	52
5	9006	solid	B 9006 0004 0500	53
6	9000	for 9006	B 9000 0490	45
7	9009	-	B 9009 0001 0500	53
8	9019	-	B 9019 0001 0500	54
9	For door closers refer to our catalogue WP00600-04-2-1			

### Door hardware to EN 179

#### Short backplate, black PVC

Product	see page
Lever set, panic function B	B 7123 0000 47
Panic function E	B 7123 0010 47
Vertical lever	B 7123 0201 47

## Combination 4 to EN 1125

Panic function, double-leaf



Inside view



Outside view

### Functional description

#### Active leaf

##### Inside

The active leaf can be opened at any time using the lever handle (panic function). With series B-1125, locking is done by key. To ensure proper panic release, the key should always be withdrawn.

##### Outside

The active leaf is opened using the key and lever handle (panic function B). The active leaf can only be unlocked by key (panic function E, e.g. with a fixed knob on the outside).

With series B-1125, locking is done by key.

Panic function B

Panic function E

#### Passive leaf

##### Inside

Active and passive leaf can be opened at any time using the vertical lever (panic function on both leaves). Upon closing, the passive leaf is locked automatically via the vertical rods.

Option: If the door is opened by the passive leaf, the carrier bar ensures that the active leaf is taken along as far as to activate the door leaf coordinator, so the leaves can close in the appropriate sequence. Moreover, the leaves cannot jam, not even with a small clearance. The closing sequence of the door is controlled by the door leaf coordinator integrated in the closer.

### Possible applications

- Escape doors to EN 1125 in public facilities
- Suitable for fire and smoke control doors
- With the fixed knob/pull handle on the outside, access is only possible by key.
- Optional combination with electric access control and/or escape door security components

### Recommendation

- Shopping centres
- Airports
- Stadiums
- Entry halls and foyers
- Schools and universities
- Hospitals

# Combination 4 to EN 1125

Panic function, double-leaf



## Active leaf:

- 1 = Panic lock
- 9 = Door closer



## Passive leaf:

- 2 = Shoot-bolt lock
- 3 = Control lock
- 4 = Vertical rod
- 5 = Solid vertical rod
- 6 = Striker
- 7 = Floor striker
- 8 = Guide plate for vertical rod
- 9 = Door closer

### Active leaf

No.	Product / Function	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
1	1125 / Panic function E	65	B-11259-01-U-2	41
	1125 / Panic function B		B-11259-02-U-2	41

### Passive leaf

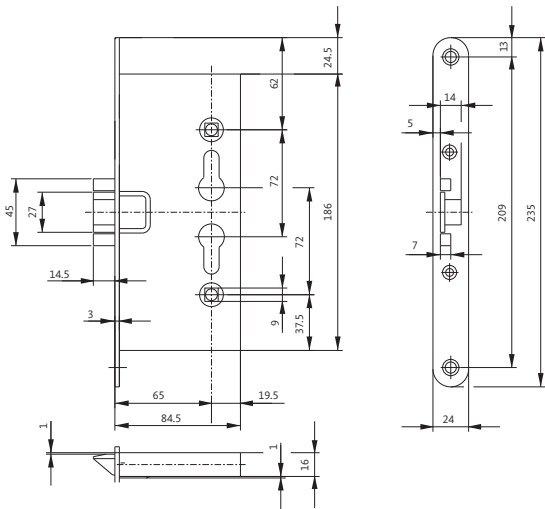
No.	Product	Backset in mm	Faceplate 24 x 3 x 235 mm Non-handed	see page
2	1190	65	B-11900-00-0-2	43
3	1895	65	B 1895 0003 0500	52
4	9006	with end plug	B 9006 0013 0500	52
5	9006	solid	B 9006 0004 0500	53
6	9000	for 9006	B 9000 0490	45
7	9009	-	B 9009 0001 0500	53
8	9019	-	B 9019 0001 0500	54
9	For door closers refer to our catalogue WP00600-04-2-1			

### Door hardware to EN 1125

External side – Short backplate, black PVC			
	Product		see page
	Half-set with lever handle, panic function B	B 7123 0200	47
	Half-set with knob, panic function E	B 7123 0202	47
Active leaf, internal side			
	Push bar	B 7172 5100 0500	50
	Cross bar for push bar	B 7100 4274 0500	50
Passive leaf, internal side			
	Push bar	B 7100 5100 0500	50
	Cross bar for push bar	B 7100 4274 0500	50

# B-1125 fire protection door lock

as single-latch lock for single-leaf doors



## Tender specification

B 1125 fire protection door lock; non-handed lock (DIN LH/RH usable), approved for fire protection doors to DIN EN 1634 + DIN 4102; galvanised faceplate, round; with latch lever; enclosed, galvanised lock case; 2-part steel follower with 9 mm square; latch of galvanised steel; additional single-throw deadbolt of galvanised steel; 72 mm hole distance; backset 65 mm

### B-1125 fire protection door lock as single-latch lock

Product	Backset mm	Faceplate 24 x 3 x 235 mm Non-handed
1125	65	B-11259-00-U-2





# B-1125 fire protection door lock

as single-latch lock for single and double-leaf doors



## Functional description

### Panic function B

Function from inside

The outside handle can be activated for "daytime" operation.

Function from outside

It reverts to idle when the door is locked via the cylinder, which means it cannot be opened from the outside. The door can be opened in the escape direction at any time.

### Panic function E

Function from inside

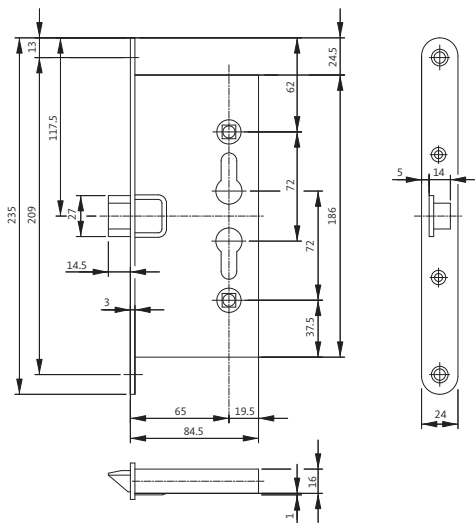
Latch and deadbolt are retracted by operating the inside lever handle. Locking by key (inside or outside) is again necessary.

Function from outside

The only hardware that may be used is a backplate with fixed knob or a push/pull handle. Latch and deadbolt are only operated by the key (via the latch lever). Both locking elements are withdrawn simultaneously.

### Tender specification

BKS fire protection door lock B-1125; non-handed lock (DIN LH/ RH usable), approved for fire protection doors to DIN EN 1634 + DIN 4102; galvanised faceplate, round; approved in conjunction with BKS hardware to EN 179 (emergency exit devices) and to EN 1125 (panic exit devices); with latch lever (panic function E) or without latch lever (panic function B); enclosed, galvanised lock case; 2-part steel follower with 9 mm square; latch of galvanised steel; 72 mm hole distance; backset 65 mm



## B-1125 fire protection door lock as single-latch lock

Product / Function	Backset mm	Faceplate 24 x 3 x 235 mm Non-handed
1125 / Panic function E	65	B-11259-01-U-2
1125 / Panic function B		B-11259-02-U-2



# B-1125 fire protection door lock

as single-latch lock for single-leaf doors



## Functional description

### Panic function B

Function from inside

The outside handle can be activated for "daytime" operation.

Function from outside

It reverts to idle when the door is locked via the cylinder, which means it cannot be opened from the outside. The door can be opened in the escape direction at any time.

### Panic function E

Function from inside

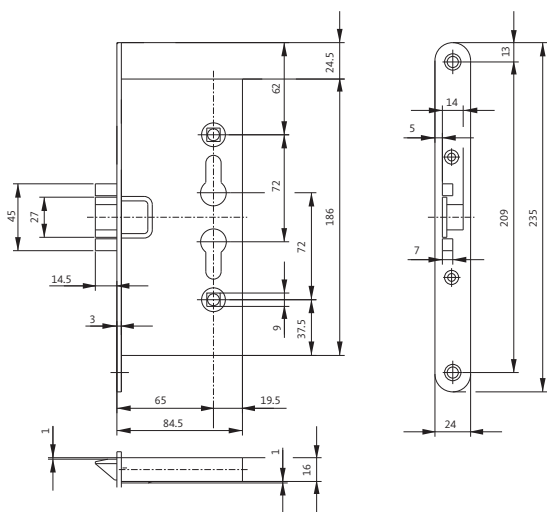
Latch and deadbolt are retracted by operating the inside lever handle. Locking by key (inside or outside) is again necessary.

Function from outside

The only hardware that may be used is a backplate with fixed knob or a push/pull handle. Latch and deadbolt are only operated by the key (via the latch lever). Both locking elements are withdrawn simultaneously.

### Tender specification

BKS fire protection door lock B-1125; non-handed lock (DIN LH/ RH usable), approved for fire protection doors to DIN EN 1634 + DIN 4102; galvanised faceplate, round; approved in conjunction with BKS hardware to EN 179 (emergency exit devices) and to EN 1125 (panic exit devices); with latch lever (panic function E) or without latch lever (panic function B); enclosed, galvanised lock case; 2-part steel follower with 9 mm square; latch of galvanised steel; 72 mm hole distance; backset 65 mm



## B-1125 fire protection door lock as single-latch lock

Product	Backset mm	Faceplate 24 x 3 x 235 mm Non-handed
1125 / Panic function E	65	B-11259-03-U-2
1125 / Panic function B		B-11259-04-U-2



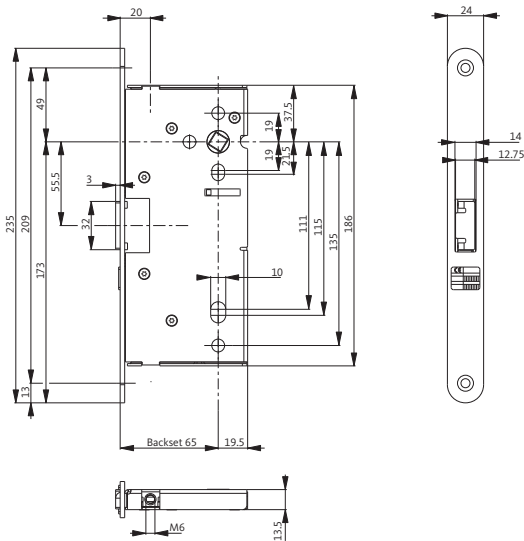
# B-1190 shoot-bolt lock

self-locking



## Functional description

When the passive leaf is closed, the spring-loaded vertical rods are triggered automatically by control lock 1895 and extend upwards and downwards. Now the passive leaf is locked. When unlocking, the vertical rods are retracted into the passive leaf by operating the vertical lever or panic push bar which simultaneously pushes the deadbolt and latch back into the lock of the active leaf. When the opening movement of the hardware is completed, the vertical rod is automatically locked in place within the control lock. As they are steplessly arrested as long as the passive leaf is open, the vertical rods are prevented from projecting so the floor will not be damaged.



## Tender specification

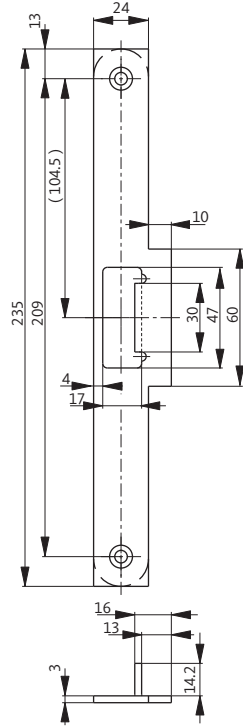
BKS panic shoot-bolt lock B-1190, self-locking; stainless steel faceplate, square; approved in conjunction with BKS hardware to EN 179 (emergency exit devices) and to EN 1125 (panic exit devices); galvanised lock case; follower with 9 mm square; 19.5 mm clearance behind backset

### B-1190 shoot-bolt lock

Product	Faceplate Material/Finish	Backset mm	Faceplate shape	Faceplate 24 x 3 x 235 mm Non-handed
1190	galvanised steel	65	round	B-11900-00-0-2



# Lipped striker



## B 9000 lipped striker

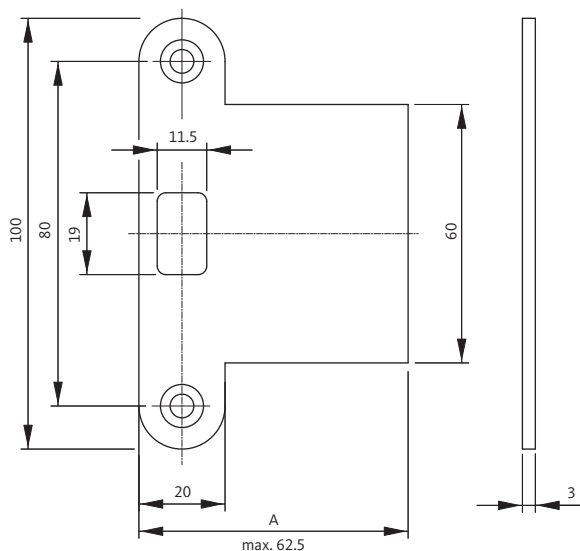
suitable for normal-duty applications;  
non-handed (DIN LH/RH usable)

### Versions / Order numbers

Material/ Finish	Order number	
stainless steel	square	B 9000 0775
	round	B 9000 0810

### Suitable for locks:

B-1125



## B 9000 lipped striker

for passive-leaf control lock 1895; suitable for normal-duty applications, round

### Versions / Order numbers

Material/ Finish	Order number Non-handed	
stainless steel	Dim. A = 62.5 mm	B 9000 0490

### Suitable for locks:

1895

# Fire protection hardware to EN 1906 and EN 179

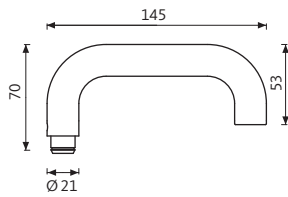
RONDO series



## Fire protection hardware

with steel base, fixed backplate with friction washer. Mounting accessories and spindle for door thicknesses of 40 to 60 mm are included in the items supplied.

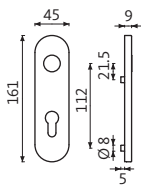
For use on escape doors with a split follower, the split spindle must be ordered separately.

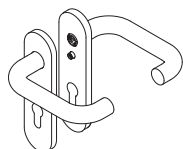


RONDO H1.0



K1.0 round knob





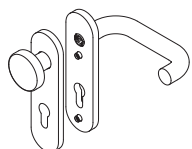
**Lever set with short backplates, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - square	RONDO H1.0	PVC black	B 7123 0000



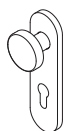
**Half-set with lever handle and short backplate, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - square	RONDO H1.0	PVC black	B 7123 0200
Vertical lever	RONDO H1.0	PVC black	B 7123 0201



**Entrance set with short backplates, for fire-rated 9 mm spindle**

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - square	K1.0 round knob	PVC black	B 7123 0010



**Half-set with short backplate and knob**

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - square	K1.0 round knob	PVC black	B 7123 0202

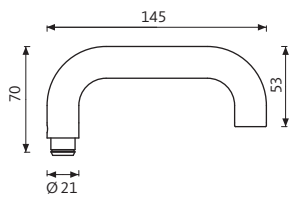
# Project hardware to EN 1906 and EN 179

RONDO series

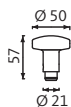


## WDL project hardware

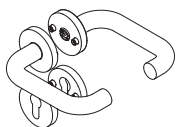
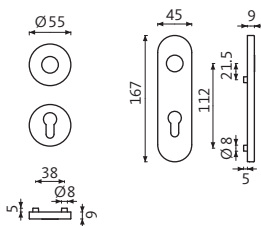
guarantees a maintenance-free bearing system for lever handles (= "Wartungsfreie Drücker-Lagerung" = 'WDL'). Axial pulling forces are absorbed due to a very large bearing surface. Radial forces are absorbed by an 8 mm long, toothed fixing element that holds the lever; the resilient and robust fixing element is patented. The WDL bearing system also features a lubricant reservoir. The mounting accessories are included in the items supplied. For use on escape doors with a split follower, the split spindle must be ordered separately.



RONDO H1.0

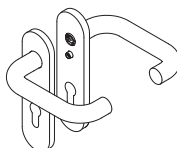


K1.0 round knob



### Lever set with rosettes, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC	RONDO H1.0	stainless steel matt	B-72000-00-0-8



### Lever set with short backplates, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - round	RONDO H1.0	stainless steel matt	B-72040-61-0-8







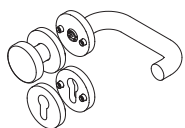
### Half-set with lever handle and rosettes, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC	RONDO H1.0	stainless steel matt	B-72100-00-0-8
Vertical lever	RONDO H1.0	stainless steel matt	B-72100-30-0-8



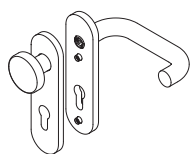
### Half-set with lever handle and short backplate, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - round	RONDO H1.0	stainless steel matt	B-72110-00-0-8
Vertical lever	RONDO H1.0	stainless steel matt	B-72110-40-0-8



### Entrance set with rosettes, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC	RONDO H1.1	stainless steel matt	B-72200-00-0-8



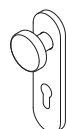
### Entrance set with short backplates, for fire-rated 9 mm spindle

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - round	RONDO H1.0	stainless steel matt	B-72210-00-0-8



### Half-set with rosette and knob

Cylinder hole	Lever handle model	Colour	Order number
PC	K1.0 round knob	stainless steel matt	B-72600-00-0-8



### Half-set with short backplate and knob

Cylinder hole	Lever handle model	Colour	Order number
PC 72 mm - round	K1.0 round knob	stainless steel matt	B-72610-61-0-8

# Panic exit devices to EN 1125 – Push bar

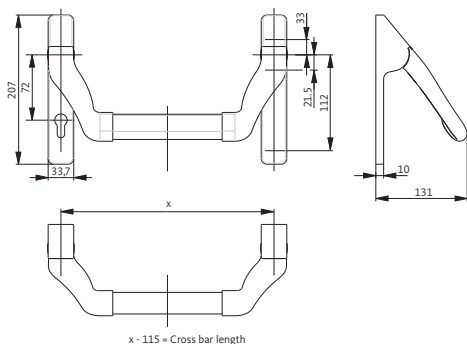


## Product information

BKS push bar for use on smoke protection, fire protection and escape doors to DIN 18273, DIN 4102 and EN 1634, with integrated stainless steel gear unit, 9 mm spindle. Approval to EN 1125 only in conjunction with approved BKS locks. With retention spring, suitable for use on heavy active and passive door leaves up to 300 kg.

Cylinder hole: PC 72 mm or without hole (non-handed)

Material/finish:  
PVC black, matt  
stainless steel



### Push bar to EN 1125

Type of set	Cylinder hole	PVC black, cross bar aluminium F1	Stainless steel matt
active leaf without cross bar	PC 72	B 7172 5100 0500	B 7172 5141 0500

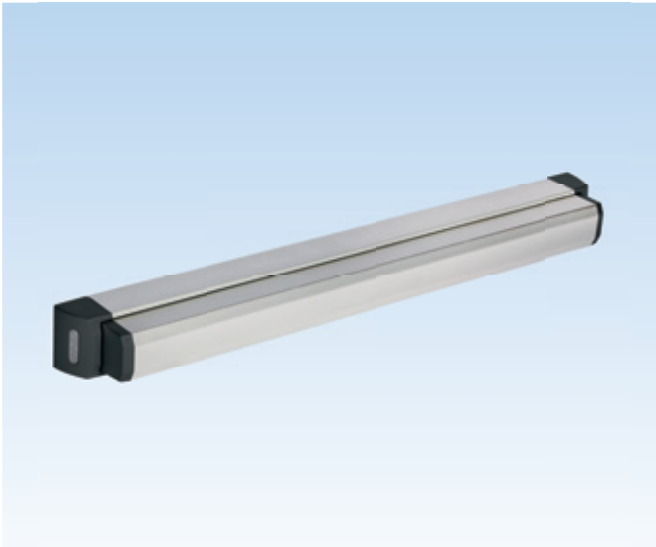
### Push bar to EN 1125

Type of set	Cylinder hole	PVC black, cross bar aluminium F1	Stainless steel matt
passive leaf without cross bar	dummy	B 7100 5100 0500	B 7100 5141 0500

### Cross bar

Type of set	Cross bar length	Aluminium F1	Stainless steel matt
Cross bar	1150 mm	B 7100 4274 0500	B 7100 4204 0500





## Product information

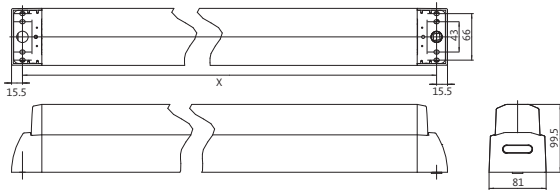
BKS touch bar for use on smoke protection, fire protection and escape doors to DIN 18273, DIN 4102 and EN 1634, with integrated gear unit, 9 mm spindle. Approval to EN 1125 only in conjunction with approved BKS locks. With retention spring, suitable for use on heavy active and passive door leaves up to 300 kg.

Cylinder hole: without hole  
(non-handed)

Material/finish:  
– aluminium F1 (end caps PVC black)

With fixing accessories

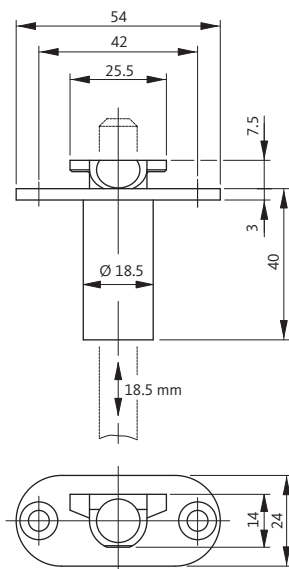
Note:  
The touch bar must also be ordered with dimension X. Minimum 640 mm.



### Touch bar in accordance with EN 1125

Type of set	Cylinder hole	Dim "x"	Aluminium F1 (end caps PVC black)
active leaf/passive leaf DIN left/right	–	1158 mm	B-74410-02-0-6

# B 1895 passive-leaf control lock / B 9006 vertical rod



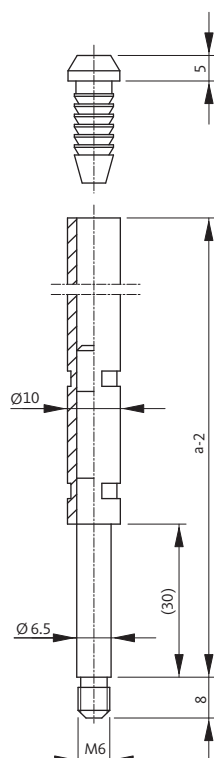
## B 1895 passive-leaf control lock

The control lock is mounted in the upper area of the passive leaf. When the opening movement of the hardware on the passive leaf is completed, the vertical rod is automatically locked in place within the control lock.

### Control lock B 1895

Faceplate material		Faceplate shape
galvanised steel		round
Backset mm	Faceplate width 20 mm Non-handed	Faceplate width 24 mm Non-handed
65	B 1895 0002 0500	B 1895 0003 0500

	B 9000 0490 - round
<b>Packer plate 3 mm</b>	B 9068 0001



## Tube with end plug

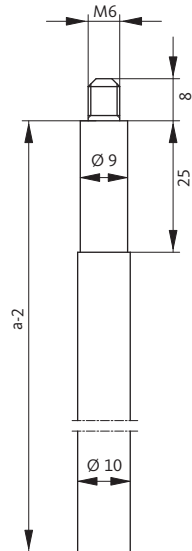
for automatic top locking of the passive leaf

### B 9006 vertical rod Available lengths

Tube with end plug	
Rod length a	Order no.
1200 mm	B 9006 0012 0500
1500 mm	B 9006 0013 0500

The fabricator must cut the vertical rods to the exact length required.

<b>Separate end plugs</b>	B 9039 0001
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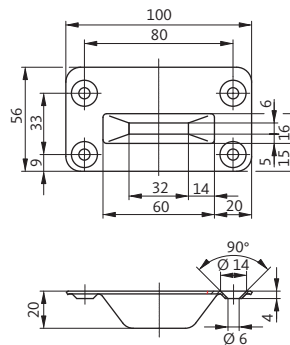


## Solid vertical rod

Manual locking of the passive leaf at the top, manual or automatic locking of the passive leaf at the bottom.

### B 9006 vertical rod Available lengths

Solid vertical rod	
Rod length a	Order no.
1187 mm	B 9006 0004 0500
The fabricator must cut the vertical rods to the exact length required.	



## B 9009 floor striker

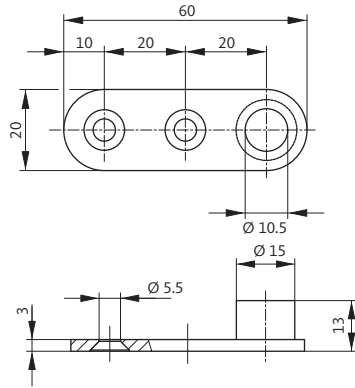
### Functioning

The conical shape of the striker recess allows a certain tolerance up to the end stop. The continuous folded edge sits flush with the floor. The larger bearing surface must face in the opening direction to prevent the floor being damaged by the vertical rod.

### Floor striker

Dimension	Order no.
100 x 56 x 20 mm	B 9009 0001 0500

# B 9019 guide plate for vertical rod



## B 9019 guide plate for vertical rod

### Note:

- 1 piece required for automatic locking to the bottom
- 2 pieces required for manual locking to top and bottom

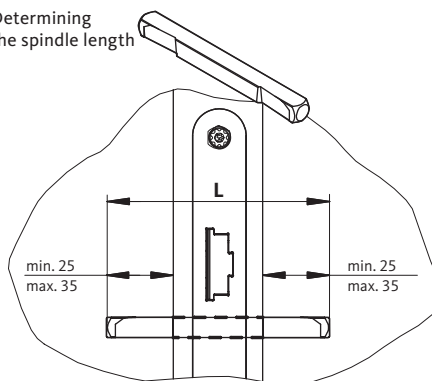
### Guide plate for vertical rod

Shape	Non-handed
round	B 9019 0001 0500

# Spindle / Entrance set spindle



Determining the spindle length



## B-7840 spindle

### Versions / Order numbers

Spindle	Order number*
9 mm	B-78400-1 □ -0-1
□	<b>Length in mm (L)</b>
5	50 (only square 9)
8	65 (only square 9)
9	70 (only square 9)
B	80 (only square 9)
D	90 (only square 9)
F	100
I	115
L	130
O	145
R	160 (only square 9)
W	190 (only square 9)

**\*Ordering example**

**B-7840 spindle**

Square 9 mm = B-78400-1 □ -0-1

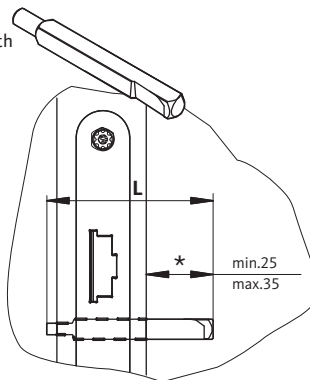
Length in mm (L) 100 mm = F [refer to table]

Length in mm (L)

B-78400-1 □ -0-1 = order number B-78400-1F-0-1



Determining the spindle length



\* Push bar: min. 7  
max. 10  
\* Touch bar: min. 15  
max. 20

## B-7841 entrance set spindle

### Versions / Order numbers

Spindle	Order number*
9 mm	B-78410-1 □ -0-1
□	<b>Length in mm (L)</b>
5	50 (only square 9)
7	60 (only square 9)
9	70
A	75
C	85
E	95
F	100
G	105
I	115
M	135

**\*Ordering example**

**B-7841 spindle**

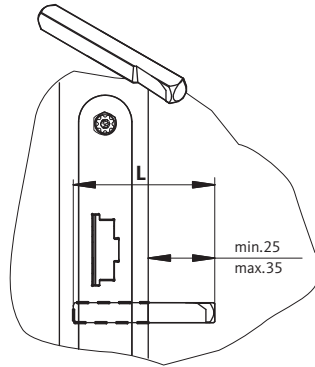
Square 9 mm = B-78410-1 □ -0-1

Length in mm (L) 100 mm = F [refer to table]

Length in mm (L)

B-78410-1 □ -0-1 = order number B-78410-1F-0-1

# Half spindle / Split spindle



## B-7842 half spindle

### Versions / Order numbers

Spindle	Order number*
9 mm	B-78420-1 □ -0-1
□	Length in mm (L)
5	50
6	55
7	60
8	65
9	70
B	80

### \*Ordering example

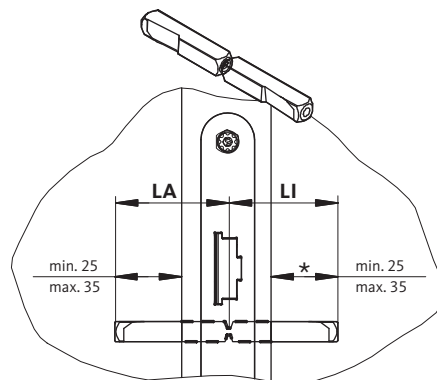
#### B-7840 spindle

Square 9 mm = B-78420-1 □ -0-1

Length in mm (L) 50 mm = 5 [refer to table]

Length in mm (L)

B-78420-1 □ -0-1 = order number B-78420-15-0-1



\* Push bar: min. 7  
max. 10  
\* Touch bar: min. 15  
max. 20

## B-7843 split spindle

### Versions / Order numbers

Spindle		Order number*	
9 mm		B-78430- □ □ -0-1	
□	Interior length in mm (LI)	□	Exterior length in mm (LA)
0	25	-	-
1	30	-	-
2	35	-	-
3	40	-	-
4	45	4	45
5	50	5	50
6	55	6	55
7	60	7	60
8	65	8	65
9	70	9	70
A	75	A	75
B	80	B	80
-	-	C	85
-	-	D	90
E	95	E	95

### \*Ordering example

#### B-7843 spindle

Square 9 mm = B-78430- □ □ -0-1

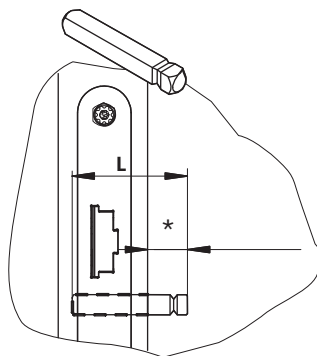
Interior length (LI) 95 mm = E [refer to table], Exterior length (LE) 95 mm = E [refer to table]

Interior length (LI)  
Exterior length (LA)

B-78430- □ □ -0-1 = order number B-78430-EE-0-1



# Special spindle / Fixing screw



\*Push bar: min. 7  
max. 10  
\*Touch bar: min. 15  
max. 20

## B-7844 special spindle

for use with push bar or touch bar

### Versions / Order numbers

Spindle	Order number*
9 mm	B-78440-1 □ -0-1
□	Length in mm (L)
1	30
2	35
3	40
4	45
5	48
6	55
8	65
9	70

### \*Ordering example

#### B-7840 spindle

Square 8 mm = B-78420-0 □ -0-1

Length in mm (L) 50 mm = 5 [refer to table]

Length in mm (L)

B-78420-0 □ -0-1 = **order number** B-78420-05-0-1



## B-7850 fixing screw

### Versions / Order numbers

Countersunk screw			
Dimension	Order number PU 10	Dimension	Order number PU 10
M5 x 16	B-78500-01-0-8	M5 x 40	B-78500-06-0-8
M5 x 20	B-78500-02-0-8	M5 x 50	B-78500-08-0-8
M5 x 25	B-78500-03-0-8	M5 x 60	B-78500-09-0-8
M5 x 30	B-78500-04-0-8	M5 x 70	B-78500-0A-0-8
M5 x 35	B-78500-05-0-8	M5 x 80	B-78500-0B-0-8
-	-	M5 x 90	B-78500-0C-0-8
-	-	M5 x 100	B-78500-0D-0-8
Bush (PU 10)			
Dimension	Order number PU 10		
M5 x 30	B-78510-00-0-1		

### Tender specification

Stainless steel countersunk screw M5 with Torx 25 drive and screw-locking system (packing unit 10)

# Product liability

According to the German Product Liability Act defining the liability of a manufacturer for his products, the following information about locks must be observed.

Non-observance exempts the manufacturer of his liability.

## 1. Product information and intended use

A lock generally has the function to lock and block a door. Simple lock designs serve only to shut the door. This involves keeping the door shut in such a manner that it cannot be opened by pulling or pushing and instead be opened simply and easily by pressing a lever.

The lock latch – generally called latch – serves as locking element.

Securing the closed door by blocking at least one deadbolt or latchbolt (= deadbolting latch) which engages in the appropriate recess in the frame or striker, is called blocking.

When extended, the deadbolt must be blocked against being pushed back. Moreover, door opening without the use of the appropriate key must be efficiently hampered.

A door may be locked only when it is in fully closed position.

The length of the cylinder attachment screws must be selected to match the backset dimension of the lock or cropped to the appropriate length.

A mortise lock is a lock which is inserted into a mortise in the door leaf ('lock pocket') and fixed with screws.

To ensure that a lock is used as intended, the following must be observed:

- Locks, strikers, door hardware, attaching elements and cylinders selected must be compatible with each other.
- Installation, maintenance and possible replacement of the lock must be carried out in accordance with the state of the art. This is documented in standards related to these products and in the manufacturer's catalogues and instructions.

With locks for escape doors and special locks, the simultaneous operation of key and hardware (such as the lever handle) is not allowed as a rule.

Locks for escape doors and special locks may only be combined with locking cylinders with turn knob, if this is agreed with the lock manufacturer by contract. It is generally assumed that only key owners have the right to operate the lock; in other words, the actuation of a lock through a knob cylinder (i.e. without key) is not considered a normal case.

The simultaneous retraction of latch and deadbolt simply by actuating the lever handle should be regarded as a special case and not generally as a replacement for retracting the deadbolt by turning the key.

Locking cylinders may only be installed in locks without reservation if they comply with a dimension standard (e.g. DIN 18252), and if the locks in turn are explicitly designed for cylinders to this standard.

In all other cases, manufacturers, dealers, fabricators or consumers of such locks have to ensure that the chosen locking cylinders are suitable for installation and for the intended use.

Mandatory legal regulations and manufacturer's instructions must be adhered to. For example, no locking cylinders with knob, turn or similar handle must be installed in panic locks.

General terms, if not explained in catalogues, brochures, price lists or on the internet, are defined in the standards relevant for these products (such as DIN 18250, DIN 18251, DIN 18252, DIN 18255, DIN 18257, DIN 18273, EN 179, EN 1125, EN 1303, EN 1906, EN 12209). Deviations from the particular relevant standard must be specified in the order.

## 2. Misuse

Misuse, meaning use other than the intended use of locks occurs if, e.g.,

- the flawless use is prevented by inserting foreign objects into the lock or into the latch striker.
- the lock or the latch striker are manipulated in such a way that their construction or function is changed.
- the deadbolt is extended to prevent the door from closing.
- the function of the locking elements is blocked as a result of improper assembly or subsequent treatment, e.g., painting.
- a load is applied on the lever handle exceeding the normal force applied by hand.

- unsuitable, e.g. dimensionally deviating or wrong keys are used.
- the specified clearance increases or decreases as a result of hinge readjustments or lowering of the door leaf.
- a double door is opened by the passive leaf although not designed and approved for this feature.
- objects or extremities are put between the door leaf and the jamb when the door closes.
- activating the lever and the key simultaneously.

## 3. Product performance

Technical requirements other than those determined in our catalogues, brochures or performance specifications must be agreed with us.

In this context, the relevant standards serve as guidelines (for example, DIN 18250, DIN 18251, DIN 18252, DIN 18255, DIN 18257, DIN 18273, EN 179, EN 1125, EN 1303, EN 1906, EN 12209).

These standards define basic and additional requirements.

The serviceability of locks also depends on the operating frequency, operating method, environmental effects and maintenance.

Lock, latch striker, door hardware, locking cylinder and keys must be replaced as soon as problems occur despite proper maintenance.

This also applies after attempts to break locks and their accessories forcefully (burglary attempts).

## 4. Product maintenance

Locks must be lubricated with suitable lubricants at least once a year or more frequently depending on the use. Door hardware, latch striker and locking cylinder must be inspected for proper condition and attachment. Only cleaning agents not containing corrosive ingredients may be used.

## 5. Duty to inform and to instruct

In order to comply with the informational and instructional duties prescribed by the German Product Liability Act, the following documents and services are made available to specialist dealers, locksmiths, architects, planners, fabricators and end users upon request:

- catalogues, brochures
- tender specifications, quotation documents, key combination records
- the relevant standards, e.g., DIN 18250, DIN 18251, DIN 18252, DIN 18255, DIN 18257, DIN 18273, EN 179, EN 1125, EN 1303, EN 1906, EN 12209 (exclusive sale by Beuth Verlag GmbH, Berlin 30)
- instructions for installation, operation and maintenance

For selecting, installing, operating and maintaining locks and hardware it is necessary that

- architects and planners should request from us all required product information and follow it.
- specialist dealers should observe the product information as well as the information given in the price lists, and specifically request all necessary instructions from us and forward these to the fabricators.
- fabricators should observe all product information and specifically request operating and maintenance instructions from us and forward these to contractors and consumers.

For doors and products related with doors, there is a whole range of standards and directives. The most important (European) standards are:

## **DIN 107**

Building construction; identification of right and left side

## **DIN 1080, part 1**

Definitions, symbols and units in civil engineering, basics

## **DIN 4102, part 5 + 18**

Part 5: Behaviour of building materials and components in fire; fire barriers, barriers in lift wells and against fire resistant glazings

Part 18: Fire behaviour of building materials and components; fire barriers; verification of automatic closure (continuous performance test)

## **DIN 18 055**

Windows; air permeability of joints, water tightness and mechanical strain; requirements and testing

## **DIN 18 082, part 1 + 3**

Part 1: Fire barriers, steel doors T30-1, type A

Part 3: Fire barriers, steel doors T30-1, type B

## **DIN 18 095, part 1 + 2**

Part 1: Doors; smoke control doors; definitions and requirements

Part 2: Doors; smoke control doors; type testing of durability and tightness

## **DIN 18 100**

Doors; wall openings for doors; dimensions according to DIN 4172

## **DIN 18 101**

Doors, doors for residential buildings; sizes of door leaves, position of hinges and lock; interdependence of dimensions

## **DIN 18 111, part 1**

Door frames, steel door frames, standard door frames for rebated doors in masonry

## **DIN 18 250**

Mortise locks for fire doors and smoke control doors

## **DIN 18 251**

Locks; mortise locks for doors

## **DIN 18 252**

Profile cylinders for door locks; terminology, designations

## **DIN 18 255**

Building hardware; door lever handles, backplates and escutcheons – definitions, dimensions, requirements and marking

## **DIN 18 257**

Building hardware; security hardware – terms, dimensions, requirements, tests and markings

## **DIN 18 273**

Building hardware; lever handle units for fire doors and smoke control doors – concepts and definitions, requirements and testing

## **DIN 18 357**

German construction contract procedures (VOB), part C: General technical specifications in construction contracts (ATV) – mounting of door and window hardware

## **DIN 18 361**

German construction contract procedures (VOB), part C: General technical specifications in construction contracts (ATV) – glazing work

## **DIN 68 706, part 1**

Interior doors made from wood and wood-based panels, door leaves – concepts, sizes, requirements

## **EN 179**

Emergency exit devices operated by a lever handle or push pad

## **EN 1125**

Panic exit devices operated by a horizontal bar

## **EN 1154**

Building hardware – controlled door closing devices

## **EN 1303**

Building hardware – cylinders for locks – requirements and test methods

## **EN 1627**

Windows, doors, shutters – Burglar inhibition – Requirements and classification

## **DIN EN 1628**

Pedestrian doorsets, windows, curtain walling, grilles and shutters – burglar resistance – test method for the determination of resistance under static loading

## **DIN EN 1629**

Pedestrian doorsets, windows, curtain walling, grilles and shutters – burglar resistance – test method for the determination of resistance under dynamic loading

## **EN 1630**

Windows, doors, shutters. Burglar resistance. Test method for the determination of resistance to manual burglary attempts

## **EN 1634, part 1 + 3**

Fire resistance tests for doors and shutter assemblies

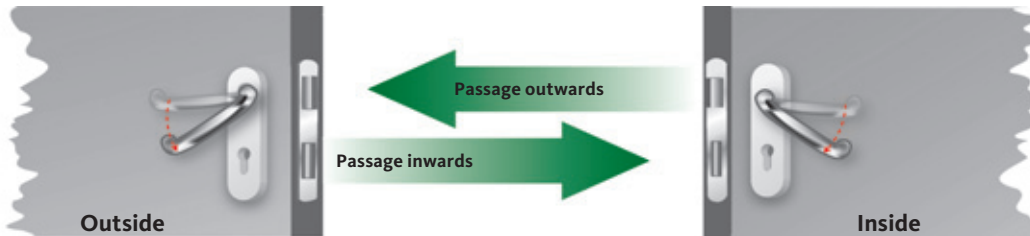
Part 1: Fire control doors and shutters

Part 3: Smoke control doors and shutters

## **EN 1906**

Building hardware – lever handles and knob furniture – requirements and test methods

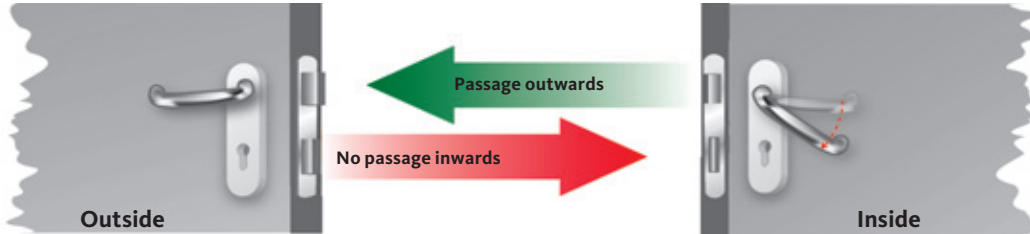
# Panic function B



### Opening position

#### Function from inside and outside

Passage possible in both directions via the lever handle; the latch is retracted and the follower is coupled on both sides.



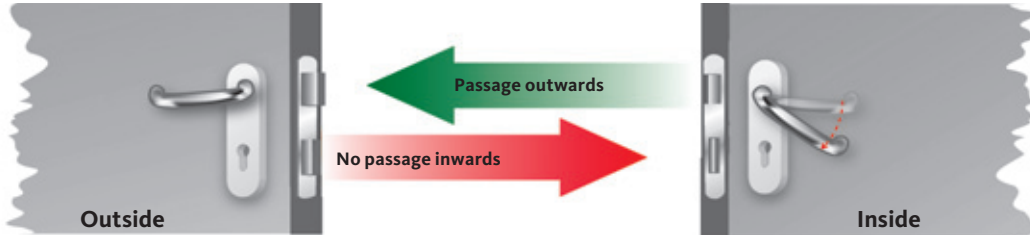
### Initial situation

#### Function from outside

Handle set to idle as the follower is decoupled. The door can only be opened by key. When the key is turned, the follower is coupled and the door can be opened with the lever handle. The follower must subsequently be set to idle again by turning the key.

#### Function from inside

The door can be opened in the escape direction at any time.



### Locked status

#### Function from outside

Handle set to idle as the follower is decoupled. The door can only be opened by key. When the key is turned, the follower is coupled and the door can be opened with the lever handle. The follower must subsequently be set to idle again by turning the key.

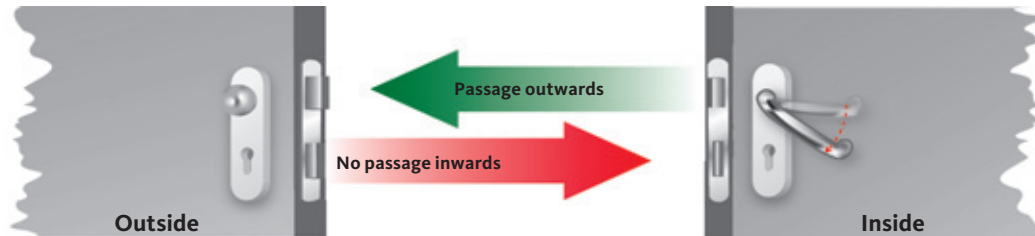
#### Function from inside

The door can be opened in the escape direction at any time.

### Possible applications

The external lever handle makes the door suitable for use as a connecting door.

- Hallway doors in office buildings
- Homes for the elderly
- Secondary entrance doors
- Secondary entrance doors in kindergartens, schools and hotels



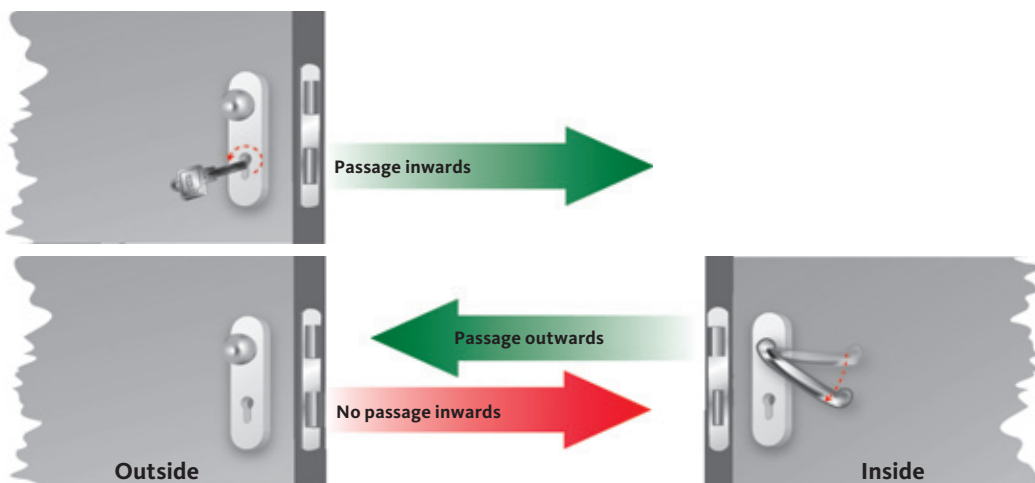
## Initial situation

### Function from outside

Only a fixed knob or push/pull handle can be used as hardware.  
Door opening only by key: the latch is retracted.

### Function from inside

The door can be opened in the escape direction at any time.



## Locked status

### Function from outside

Door opening only by key: the latch is retracted.

### Function from inside

The door can be opened in escape direction at any time.

## Possible applications

As the fixed knob or push/pull handle is on the outside, access from outside is only possible using the key.

- Doors on transformer stations and boiler rooms
- Lift shafts
- Underground car parks
- Entrance to stores and business houses
- Entrance to tenements and multi-family houses

# Instructions for use

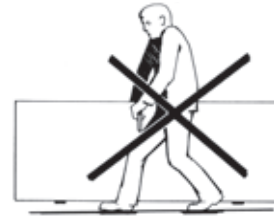
1. Do not drill through the door leaf in the area of the lock when the lock is installed.



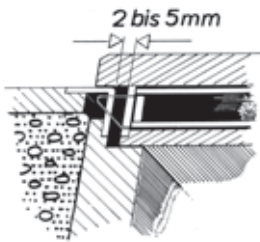
2. Avoid using force when knocking the spindle through the follower.



3. Do not carry the door leaf by the handle.



4. The distance between lock faceplate and latch striker should be between 2 and 5 mm.



5. Do not paint over deadbolt or latch.



6. Do not apply any force on the handle other than in normal rotational direction. The maximum allowed force is 150 N.



7. The lock may only be operated with the appropriate key and not with foreign objects.



8. The deadbolt must not project when the door is in the open position.



9. Do not operate handle and key at the same time.



10. Escape door locks must not be left with the key inserted.

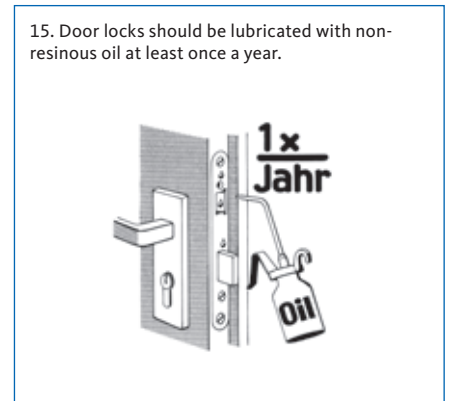
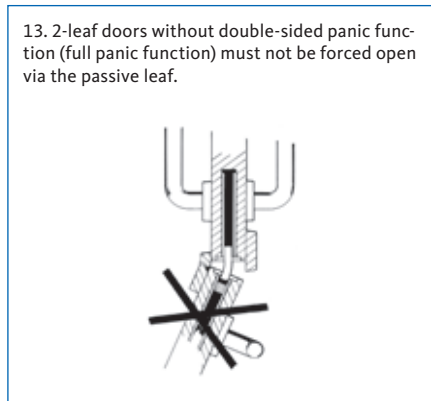


11. Panic or emergency exit devices using Series 23 must not be fitted with knob or thumbturn cylinders. Attention: if a push bar is used, ensure unimpeded operation



12. Exit devices not in compliance with EN 179 or EN 1125 are not suitable for frequent use and should only be operated in the event of an emergency.





When using BKS locks and hardware, the above instructions should be followed!

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