

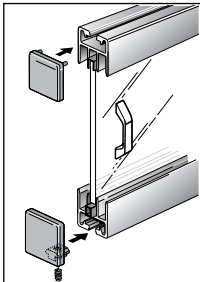
Section 5: Doors and Door Components

# Overview

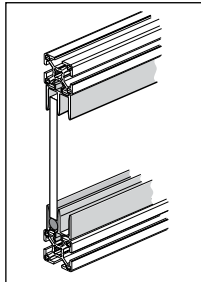
Whether you're looking for bi-fold doors, locking doors, sliding doors, or large walk-through doors, you'll find what you need on the following pages.

Bosch Rexroth offers a wide variety of door options to provide access for equipment or personnel quickly and conveniently.

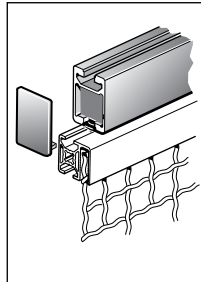
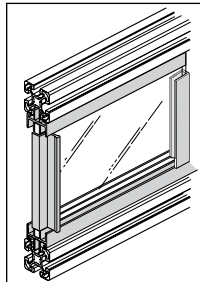
Door components are compatible with all other elements in the structural framing system, making it easy to enclose areas that have already been integrated into the system, secure work areas for maintenance or construction, or build partitions around workstations for privacy.



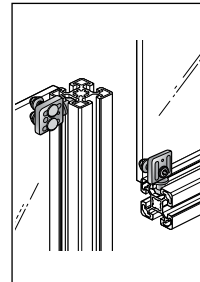
**45x45SD  
Aluminum Sliding  
Guide Profile and  
Accessories**  
5-3



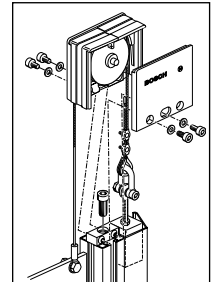
**Snap-In Sliding  
Door Guides**  
5-4



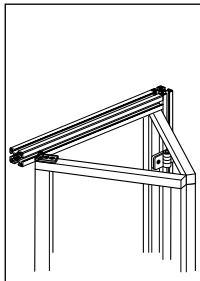
**Roller Channel  
Profile C30x45**  
5-6



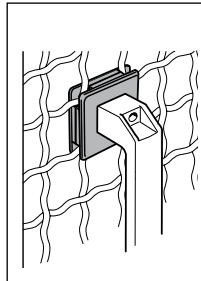
**Panel Slider**  
5-7



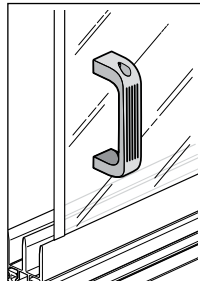
**Counterbalance**  
5-7



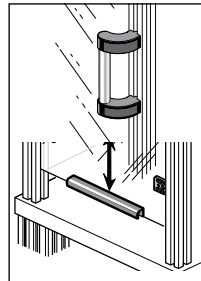
**Folding Door Kit**  
5-8



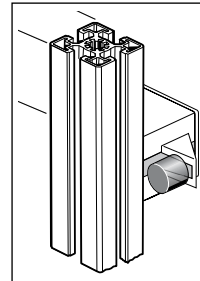
**Handle  
Mounting Plate**  
5-8



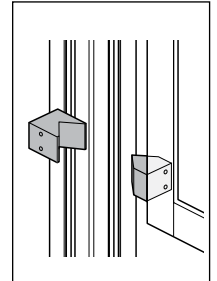
**Strap Handles**  
5-9



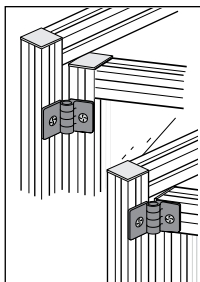
**Safety Handle &  
Bar Handle**  
5-9, 5-10



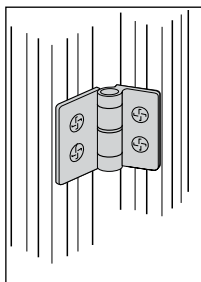
**Door Stops**  
5-10



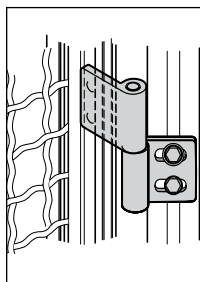
**Sliding Door Stop**  
5-10



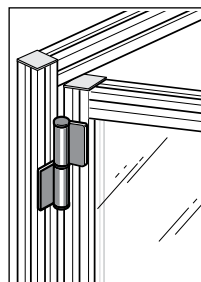
**Heavy-Duty  
Hinges**  
5-11



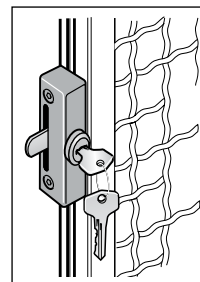
**Clean Room  
Hinges**  
5-12



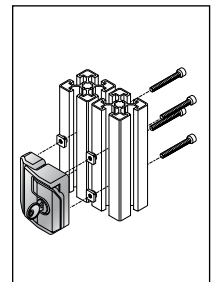
**Adjustable Hinge**  
5-12



**Lift-Off Hinges**  
5-13



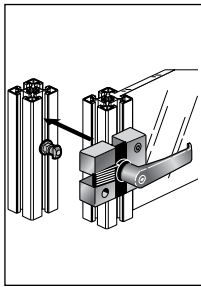
**Standard Lock**  
5-14



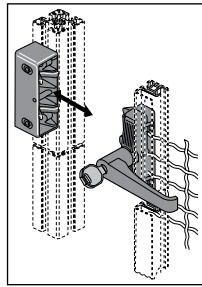
**Compact Lock**  
5-14

Section 5: Doors and Door Components

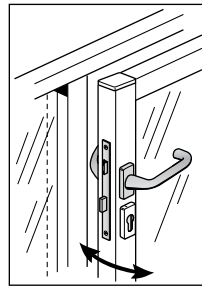
5



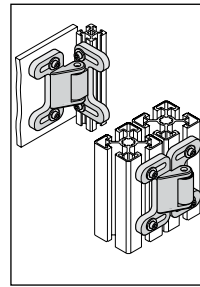
Locks for Swinging or Sliding Doors  
5-15



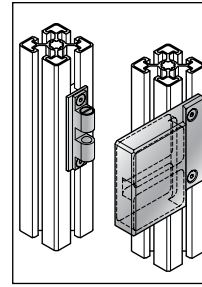
Locks for Sliding Doors  
5-16



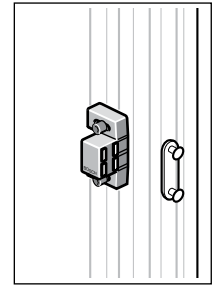
Locks for Heavy Swinging Doors  
5-17



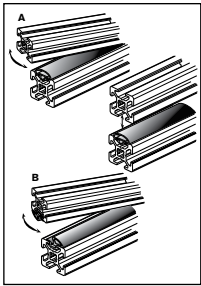
Ball Detent Latch  
5-18



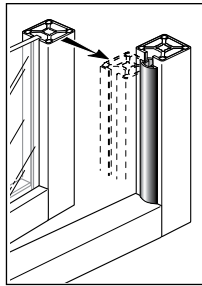
Universal Ball Detent Latch  
5-18



Magnetic Latches  
5-19



6mm Door Seals  
5-20

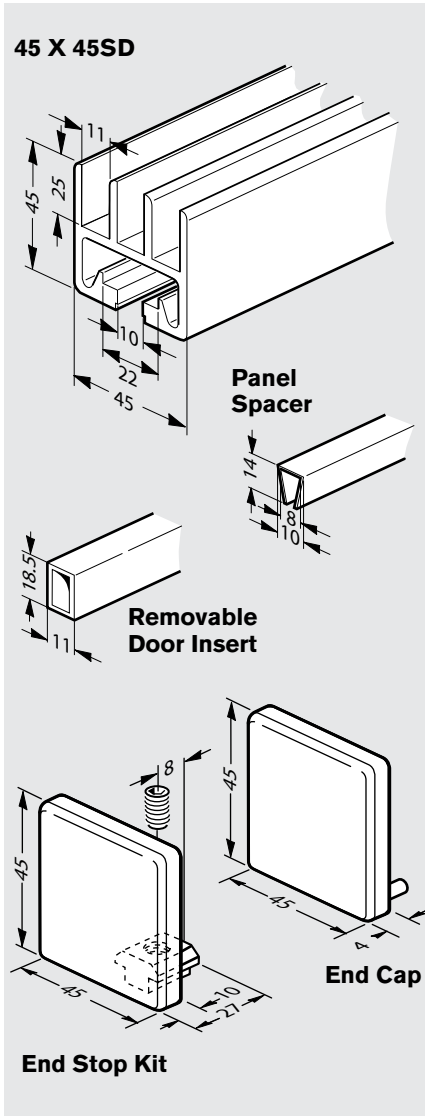


8mm and 10mm Door Seals  
5-20

Section 5: Doors and Door Components

# Doors and Door Components

## 45x45SD Aluminum Sliding Guide Profile and Accessories

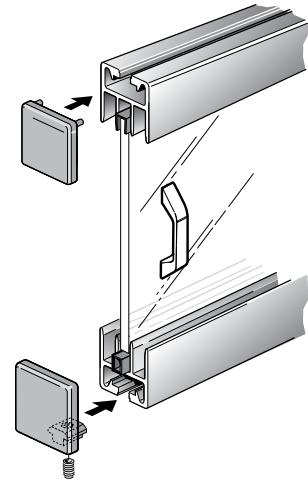


**Features:**

- Provides excellent sliding properties for heavier sliding doors and panels
- Upper and lower inserts help provide smooth door movement and support it securely in the groove
- Upper and lower inserts can also be used to make removable doors
- End stop kits secure in place with a set screw to cover the ends of the aluminum profile and keep the door panel from sliding out the profile end
- Snap-on end caps provide a clean, finished appearance on the ends of the sliding profile where stops are not needed

**Material:**


- Sliding door guide profile 45x45SD: anodized aluminum
- End stop: die-cast aluminum
- End cap: black conductive polyamide 12
- Panel spacer: rigid black PVC
- Removable door insert: black polyamide 6





**Assembly Note**

To create a removable door, dimension H should be L - 69mm

Example:  
If L = 500mm, then  
H = (500 - 69) = 431mm

Description	Lot Size	Part Number
Profile 45x45SD, single, 6000mm long		<b>3 842 500 288</b>
Panel spacer, 3000mm long	1	<b>3 842 146 905</b>
Removable door insert, 3000mm long	1	<b>3 842 146 902</b>
End stop kit	1	<b>3 842 191 194</b>
End cap 	1	<b>3 842 242 404</b>

Machined Options	End Finish	Part Number
Profile 45x45SD, -/-, specify length $\geq 100\text{mm} \leq 6000\text{mm}$		<b>3 842 990 115/ __mm</b>
Profile 45x45SD, F1/F1, specify length $\geq 150\text{mm} \leq 6000\text{mm}$		<b>3 842 990 116/ __mm</b>

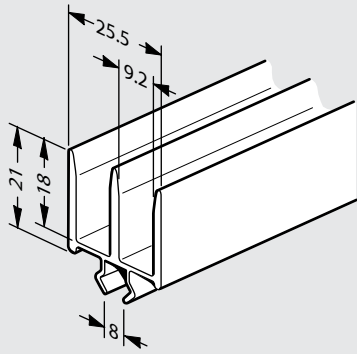
Contact your distributor for other machining options.

Section 5: Doors and Door Components

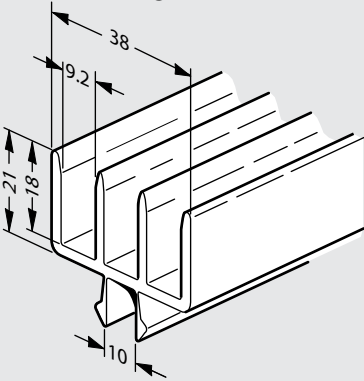
Snap-In Sliding Door Guides 

5

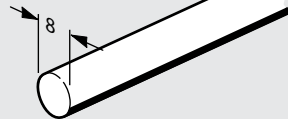
8mm Sliding Door Guide



10mm Sliding Door Guide

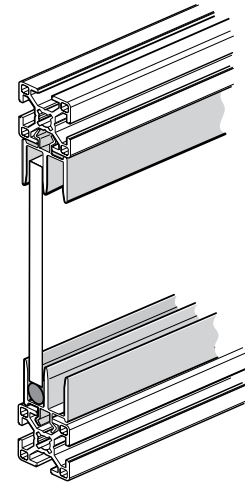


Plastic Glide



Features:

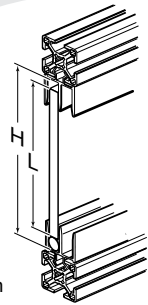
Material:



Assembly Note

To create a removable door, dimension L should be H - 25mm

Example:  
If H = 300mm, then  
L = (300 - 25) = 275mm



Description

Lot Size

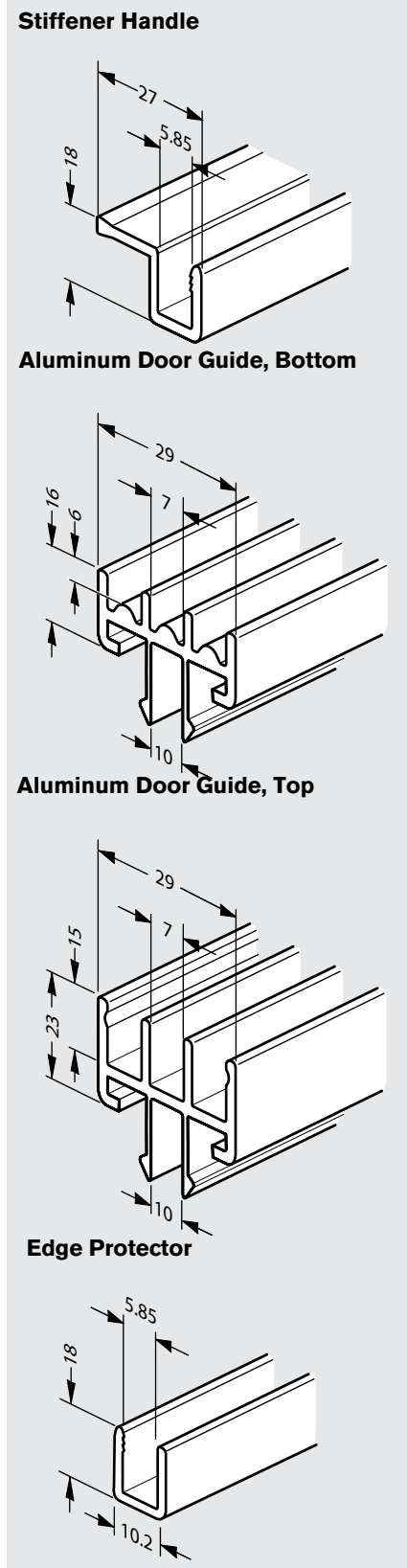
Part Number

8mm snap-in sliding door guide, 2000mm long	1	<b>3 842 526 588</b>
10mm snap-in sliding door guide, 2000mm long	1	<b>3 842 526 591</b>
Plastic glide insert, 2000mm long	1	<b>3 842 516 694</b>

Section 5: Doors and Door Components

# Doors and Door Components

## Aluminum Sliding Door Guide and Stiffener Handle 10

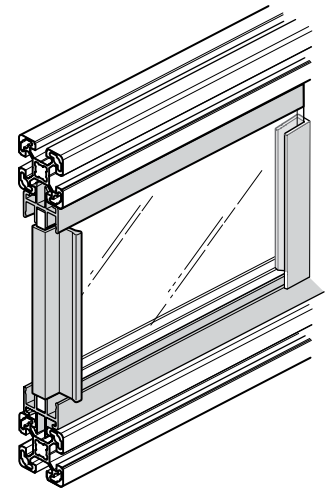


**Features:**

- Provides a track for light- to medium-weight sliding panels and doors
- Bottom guide has shallower slot to allow lift-out removal of panels
- Raised center ridge in bottom guide allows panels to slide more easily
- Designed for 40- and 45-series profiles with 10mm T-slots
- Snaps into position with mallet
- Stiffener handle and edge protector serves as both a convenient door handle and to reinforce door panels
- Handle presses into place on 6mm or nominal 1/4" panels

**Material:**

- Anodized aluminum



**Description**

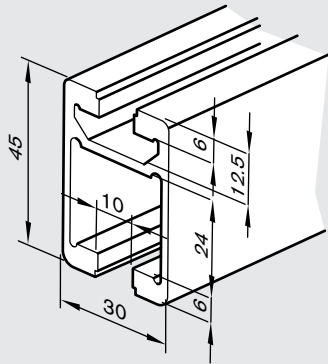
**Part Number**

Aluminum door guide, top, 3000mm long, one	<b>8 981 021 837</b>
Aluminum door guide, bottom, 3000mm long, one	<b>8 981 021 838</b>
Aluminum stiffener handle, 3000mm long, one	<b>8 981 021 839</b>
Edge Protector, 3000mm long, one	<b>3 842 536 541</b>
Aluminum door guide, top, 3000mm long, pkg. of 10	<b>8 981 021 840</b>
Aluminum door guide, bottom, 3000mm long, pkg. of 10	<b>8 981 021 841</b>
Aluminum stiffener handle, 3000mm long, pkg. of 10	<b>8 981 021 842</b>
Edge Protector, 3000mm long, pkg. of 10	<b>3 842 536 540</b>

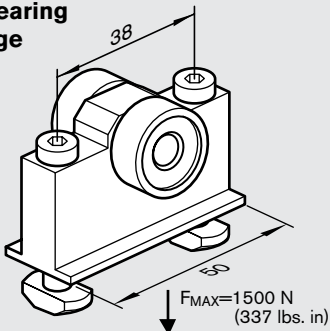
Section 5: Doors and Door Components

**Roller Channel Profile C30x45** 

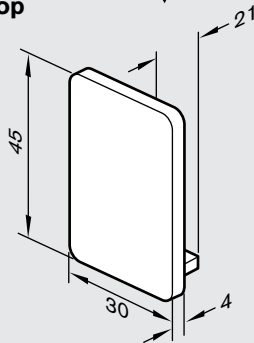
**Roller Channel Profile C30x45**



**Ball-Bearing Carriage**



**End Stop**

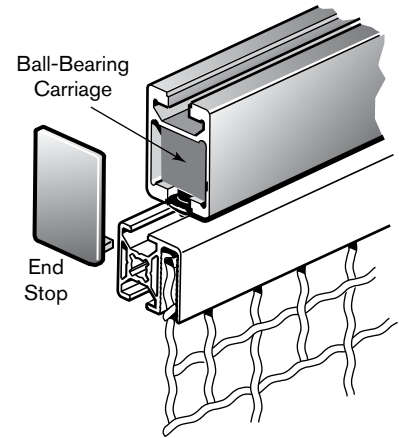


**Features:**

- Has open 10mm channel along one side to hold slider bearing carriages
- Used to create overhead sliding doors
- Optional end stops (listed below) attach to profile ends with screws for secure hold
- Optional ball-bearing carriages available (listed below)

**Material:**

- Roller channel profile: anodized aluminum
- End stop: black polyamide 6



Description	Lot Size	Part Number
Profile C30x45 roller channel, pkg. 20, 5600mm long		<b>3 842 523 598</b>
Profile C30x45 roller channel, single, 5600mm long		<b>3 842 523 599</b>
Ball-bearing carriage	1	<b>3 842 524 153</b>
End stop	1	<b>3 842 521 513</b>

**Machined Options**

Profile C30x45 roller channel, -/-, specify length  $\geq 100\text{mm} \leq 5600\text{mm}$

**End Finish**



**Part Number**

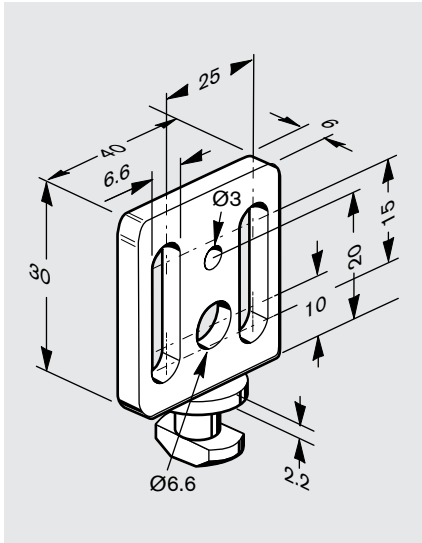
**3 842 992 946/\_mm**

Contact your distributor for other machining options.

Section 5: Doors and Door Components

# Doors and Door Components

## Panel Slider

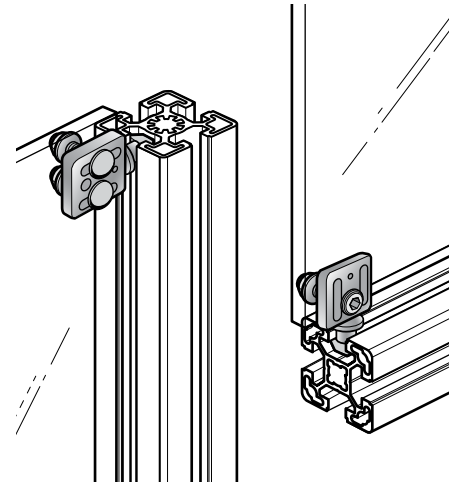


**Features:**

- Works in all standard profiles with 10mm T-slot
- Provides safe and smooth sliding movement for panels
- Can be used to create horizontally or vertically mounted doors and access panels
- When using to create vertical doors, use of a counterbalance is recommended (see below)

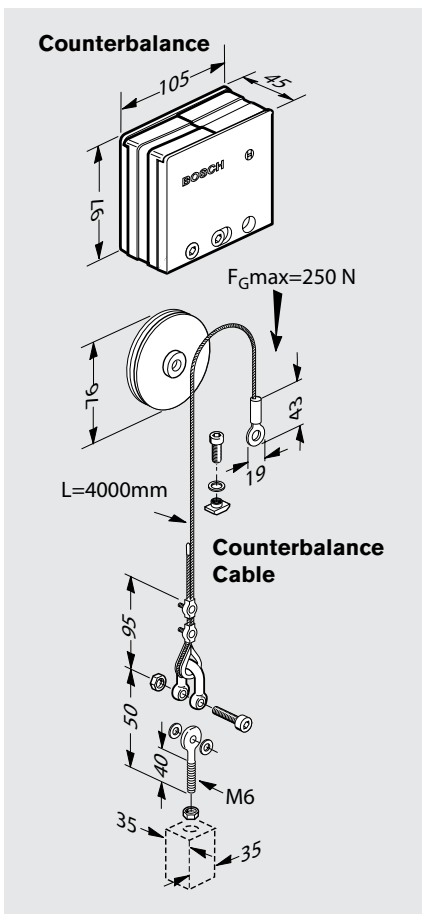
**Material:**

- Black POM



Description	Lot Size	Part Number
Panel slider	1	3 842 530 303

## Counterbalance



**Features:**

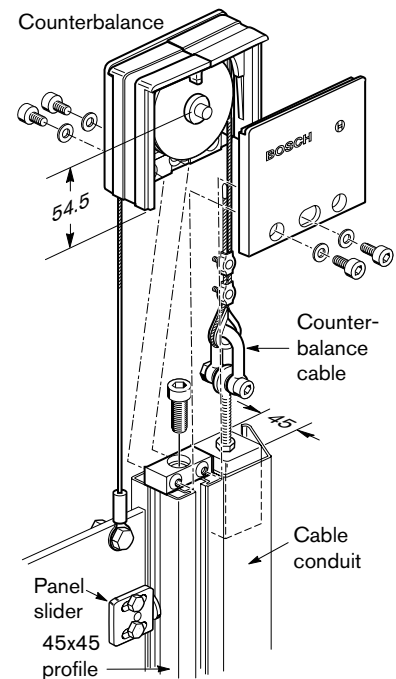
- Cable-operated counterbalance assists in raising and lowering vertical doors and panels
- Mounts on end of 45x45 profile; use 45x45 cable conduit (see Section 12: Accessories) as a guide for user-supplied counterweight
- Installation and operation instructions included with counterbalance
- Does not include cable (order separately below)
- Service life: 50,000 cycles

**Machining Required:**

- M12 tap in end of support profile

**Material:**

- Counterbalance: several, including die-cast aluminum and zinc-plated steel, etc.
- Braided stainless steel cable

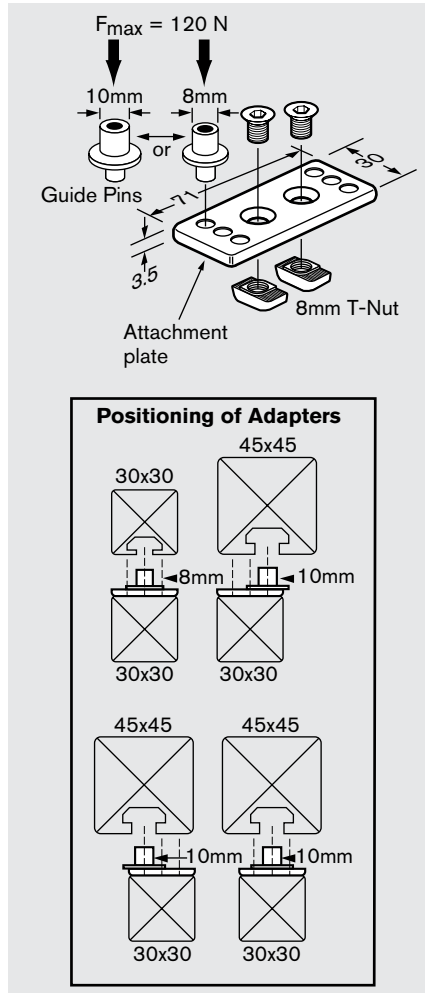


Description	Lot Size	Part Number
Counterbalance (does not include cable)	1	3 842 518 797
Counterbalance cable, 4000mm long	1	3 842 518 798

Section 5: Doors and Door Components

5

**Folding Door Kit**  



**Positioning of Adapters**

30x30 45x45

8mm 10mm

30x30 30x30

45x45 45x45

10mm 10mm

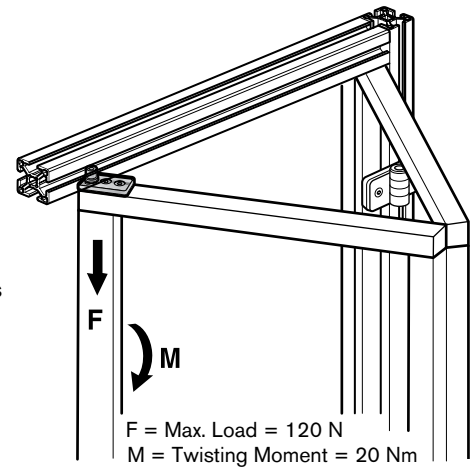
30x30 30x30

**Features:**

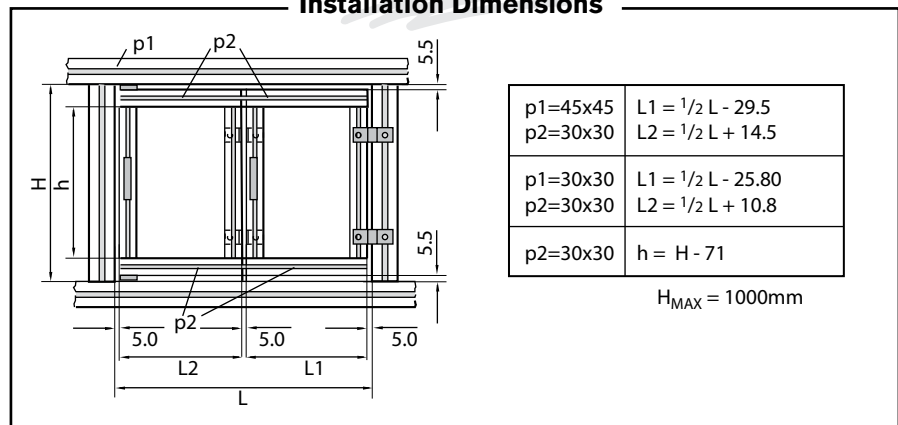
- Provides a simultaneous swinging and sliding motion, allowing the door to pivot outward as it slides along an 8mm or 10mm T-slot
- Service life: 50,000 cycles
- Includes fasteners, attachment plate, guide pins, and installation instructions
- Does NOT include hinges

**Material:**

- Attachment plate: die-cast zinc
- Guide pins: black polyamide 6
- Fasteners: zinc-plated steel



**Installation Dimensions**

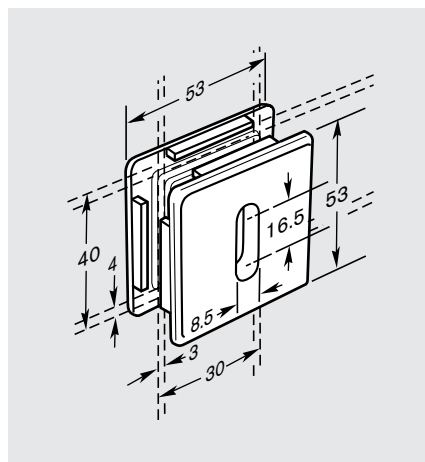


p1=45x45	L1 = 1/2 L - 29.5
p2=30x30	L2 = 1/2 L + 14.5
p1=30x30	L1 = 1/2 L - 25.80
p2=30x30	L2 = 1/2 L + 10.8
p2=30x30	h = H - 71

H<sub>MAX</sub> = 1000mm

Description	Lot Size	Part Number
Folding door kit	1	<b>3 842 516 715</b>

**Handle Mounting Plate**  

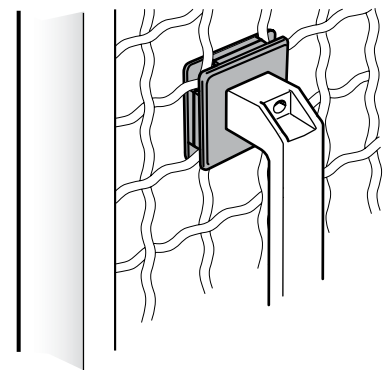


**Features:**

- Mount strap handles and similar components to woven wire mesh
- Tightening the handle's mounting screw and nut pressure fits the two halves of the mounting plate to the wire mesh
- For use with wire mesh having 30x30 to 40x40mm mesh openings

**Material:**

- Black polyamide 6



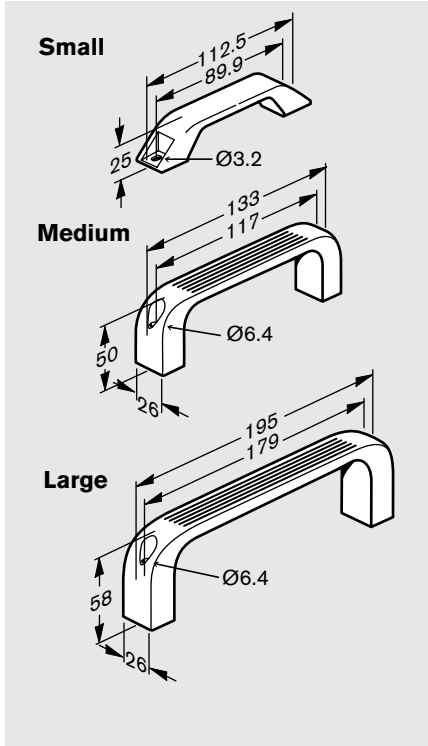
Description	Lot Size	Part Number
Handle mounting plate	1	<b>3 842 523 308</b>



Section 5: Doors and Door Components

# Doors and Door Components

## Strap Handles **GoTo**

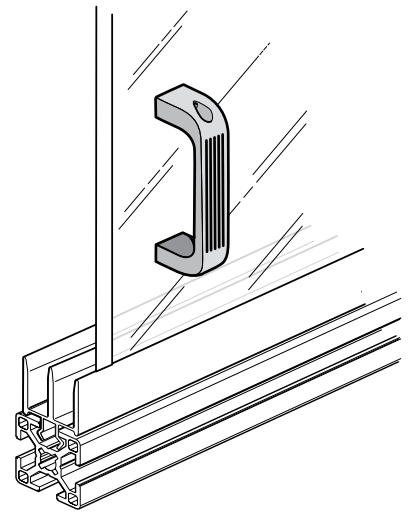


**Features:**












- Ideal for sliding doors and panels; also excellent for material trays, etc.
- Sturdy design and solid grip
- Small handle fits 6mm T-slots
- Medium and large handles fit both 8mm and 10mm T-slots and are available in standard or ESD formats
- Use with the handle mounting plate (below) for wire mesh applications
- Hardware not included

**Material:**

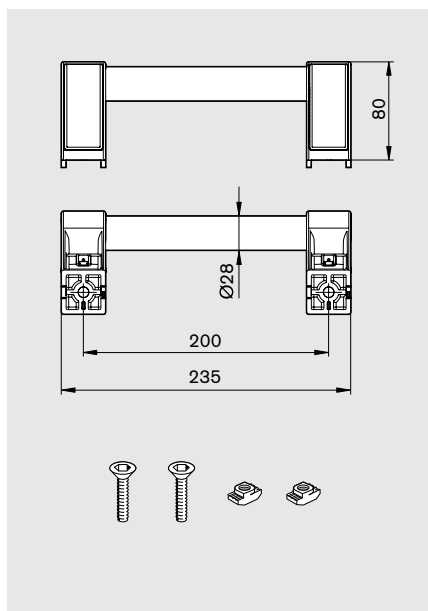
- 6mm handle: black polyethylene
- 8mm and 10mm handles: black polyamide 6



5

Description	Lot Size	Part Number
Small strap handle 	1	3 842 518 738
Medium strap handle  	1	3 842 525 480 <b>GoTo</b>
Medium strap handle, ESD   	1	3 842 525 481
Large strap handle  	1	3 842 525 766
Large strap handle, ESD   	1	3 842 525 767

## Safety Handle

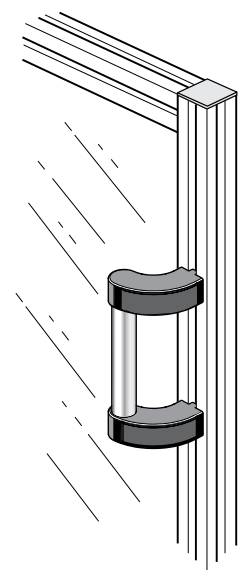


**Features:**

- Ergonomic
- Easy assembly without profile finishing
- Variable handle lengths (D28 round tube)
- Includes mounting hardware

**Material:**

- Round handle: aluminum anodized
- End pieces: PA, black

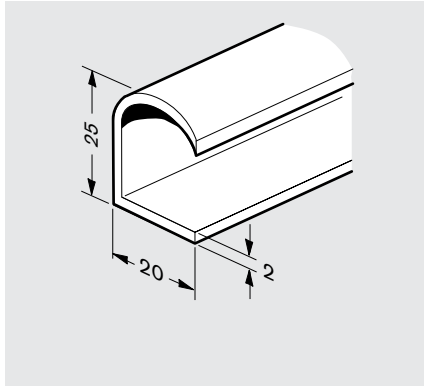


NEW!

Description	Lot Size	Part Number
Safety handle	1	3 842 536 556

Section 5: Doors and Door Components

**Bar Handle** 

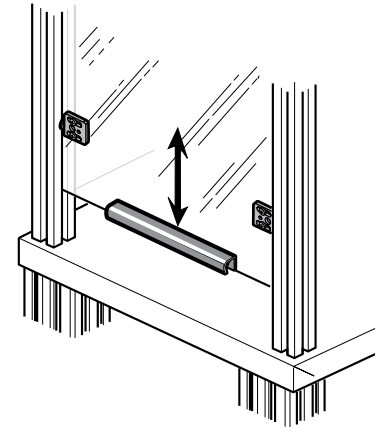


**Features:**

- Use with drawers and swinging and sliding doors
- Attach handle with double-sided tape, rivets, or button-head cap screws
- Comes in 3000mm lengths; can be cut to length for custom applications

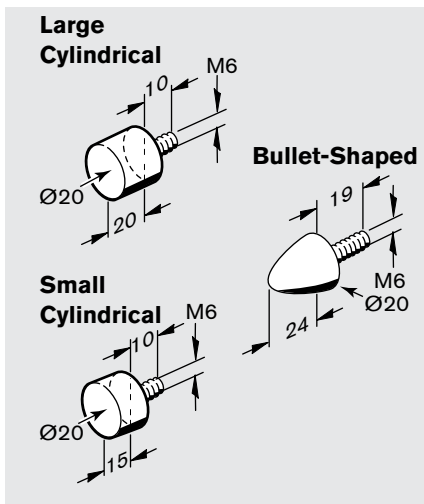
**Material:**

- Natural anodized aluminum



Description	Lot Size	Part Number
Bar handle, 3000mm long	1	3 842 500 287

**Door Stops** 

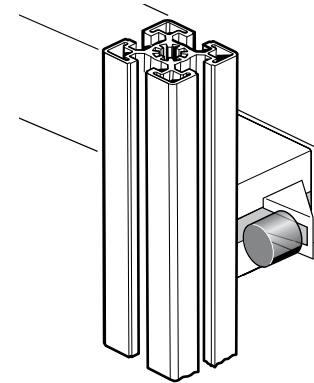


**Features:**

- Create a buffer for swinging or sliding doors to reduce noise and prevent damage
- Can be used with either 8mm or 10mm T-slots; order the appropriate M6 T-nut or T-block (Section 4: Fasteners)

**Material:**

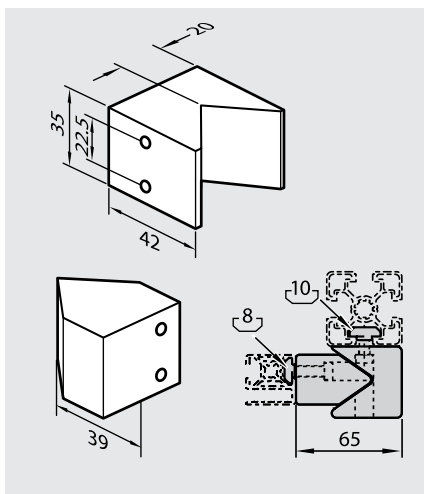
- Rubber, hardness 55, Shore A



Description	Lot Size*	Part Number
Large cylindrical stop	10	3 842 510 462
Small cylindrical stop	10	3 842 510 464
Bullet-shaped stop	10	3 842 510 165

\* For smaller quantities, please contact your local distributor.

**Sliding Door Stop** 

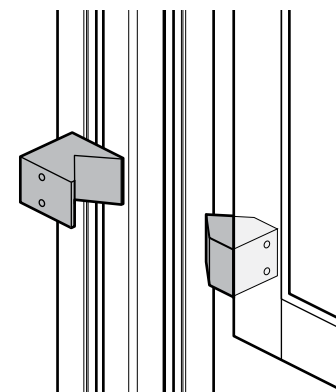


**Features:**

- Provide a buffer for sliding doors to reduce noise and prevent damage, and prevent doors from sliding beyond the track
- Mounting hardware included

**Material:**

- Rubber, hardness 55, Shore A

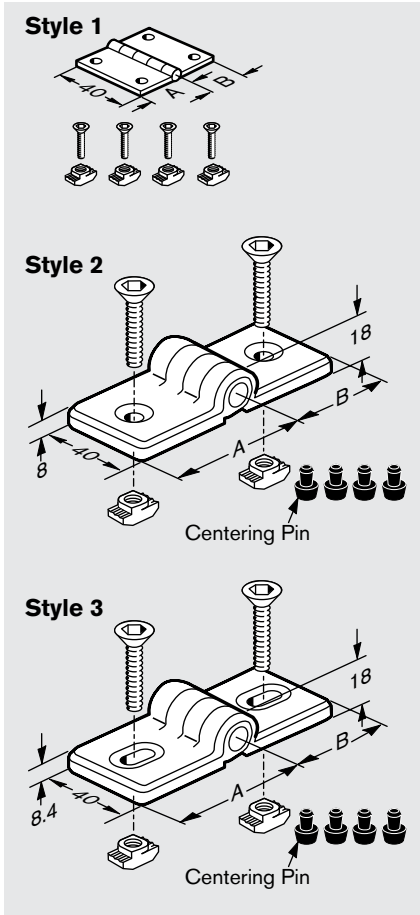


Description	Lot Size	Part Number
Sliding door stop	1	3 842 524 490

Section 5: Doors and Door Components

# Doors and Door Components

## Heavy-Duty Hinges

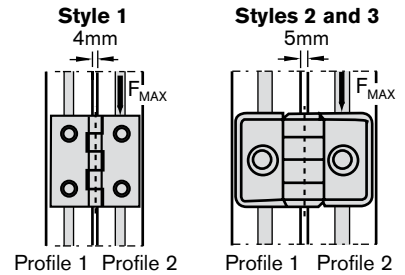
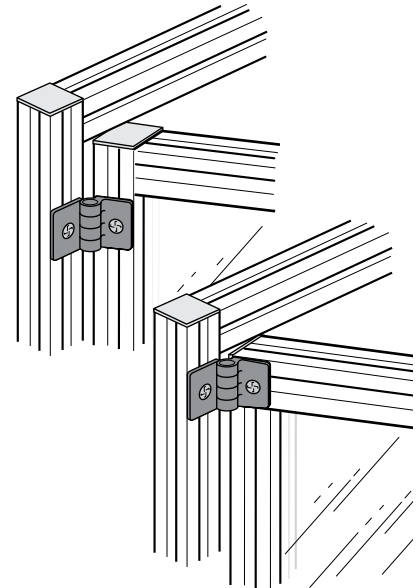


**Features:**

- For swinging and folding doors
- Style 1 20-series hinges are self-centering and are suitable for clean room use.  $F_{MAX} = 300N$
- Style 2 and 3 hinges include centering pins and connect profiles with 8mm and 10mm T-slots, including different sized profiles, such as 30-series to 45-series.  $F_{MAX} = 150 N$
- Style 2 and 3 hinges can be used in both parallel and perpendicular profile connections
- Style 3 hinges uses a slotted hole to allow use in several applications
- Installation hardware included

**Material:**

- Style 1: stainless-steel
- Style 2 and 3: black polyamide 6 with galvanized steel hinge pin



Profile series 1	Profile series 2	Order Hinge	Style	Dimension in mm	
				A	B
20	20	a	1	20	20
30	30	b	2	30	30
30	40	c	2	30	39
30	45	d	2	30	45
30	60	e	2	30	60
40	40	f	3	39	39
40	50	g	3	39	39
45	45	h	2	45	45
45	60	i	2	45	60
50	50	j	3	39	39
60	60	k	2	60	60

**Description**

**Lot Size\***

**Part Number**

Description	Lot Size*	Part Number
<b>a</b> Style 1 hinge, 20-series to 20-series	2	<b>3 842 535 684</b>
<b>b</b> Style 2 hinge, 30-series to 30-series	2	<b>3 842 535 687</b>
<b>c</b> Style 2 hinge, 30-series to 40-series	2	<b>3 842 535 660</b>
<b>d</b> Style 2 hinge, 30-series to 45-series	2	<b>3 842 535 688</b>
<b>e</b> Style 2 hinge, 30-series to 60-series	2	<b>3 842 535 689</b>
<b>f</b> Style 3 hinge, 40-series to 40-series	2	<b>3 842 535 659†</b>
<b>g</b> Style 3 hinge, 40-series to 50-series	2	<b>3 842 535 659†</b>
<b>h</b> Style 2 hinge, 45-series to 45-series	2	<b>3 842 535 745</b>
<b>i</b> Style 2 hinge, 45-series to 60-series	2	<b>3 842 535 746</b>
<b>j</b> Style 3 hinge, 50-series to 50-series	2	<b>3 842 535 659†</b>
<b>k</b> Style 2 hinge, 60-series to 60-series	2	<b>3 842 535 747</b>

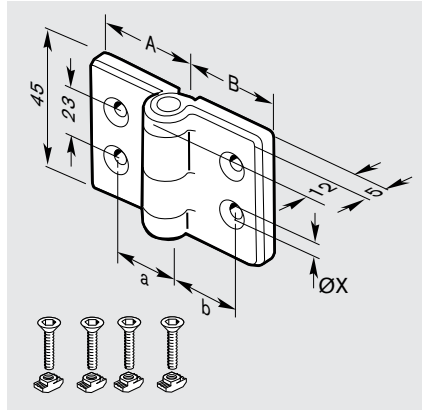
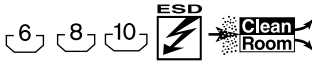
† The slotted hole in the hinge allows it to be used in multiple applications

\* For smaller quantities, please contact your local distributor.

Section 5: Doors and Door Components

5

Clean Room Hinges 6 8 10

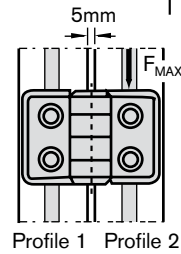
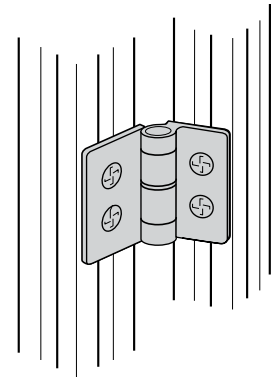


Features:

- Use to attach parallel profiles to each other or to attach panels to structural framing
- Nickel-plated aluminum with an abrasion resistant hinge pin
- $F_{MAX} = 300N$
- Suitable for clean room use
- ESD safe
- Installation hardware included

Material:

- Hinge: die-cast aluminum, nickel-plated, conductive



Profile series 1	Profile series 2	Order Hinge	Dimension in mm				
			ØX	A	B	a	b
20	20	a	4.5	20	20	12.5	12.5
20	30	b	6.6	20	28	12.5	17.5
30	30	c	6.6	28	28	17.5	17.5
30	40	d	6.6	28	37	17.5	22.5
30	45	e	6.6	28	40	17.5	25
40	40	f	6.6	37	37	22.5	22.5
45	45	g	6.6	40	40	25	25

Description

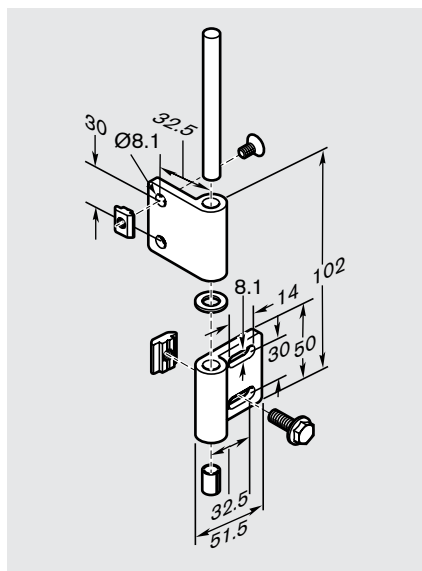
Lot Size\*

Part Number

<b>a</b>	Clean room hinge, 20-series to 20-series	2	<b>3 842 535 638</b>
<b>b</b>	Clean room hinge, 20-series to 30-series	2	<b>3 842 535 639</b>
<b>c</b>	Clean room hinge, 30-series to 30-series	2	<b>3 842 535 640</b>
<b>d</b>	Clean room hinge, 30-series to 40-series	2	<b>3 842 535 643</b>
<b>e</b>	Clean room hinge, 30-series to 45-series	2	<b>3 842 535 641</b>
<b>f</b>	Clean room hinge, 40-series to 40-series	2	<b>3 842 535 644</b>
<b>g</b>	Clean room hinge, 45-series to 45-series	2	<b>3 842 535 642</b>

\* For smaller quantities, please contact your local distributor.

Adjustable Hinge 8 10

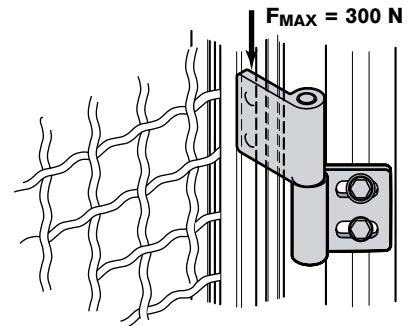


Features:

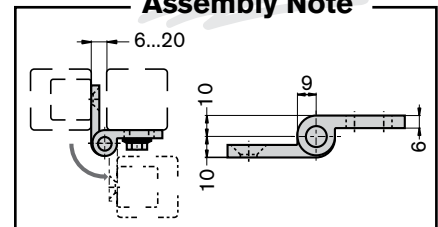
- Use to mount doors to EcoSafe, 30-series, 40-series, or 45-series profiles
- Slotted holes on adjustable side allow use with multiple profile sizes
- $F_{MAX} = 300N$
- Installation hardware includes T-blocks for solid connections

Material:

- Hinge: die-cast aluminum
- Hinge pin: galvanized steel



Assembly Note



Description

Lot Size\*

Part Number

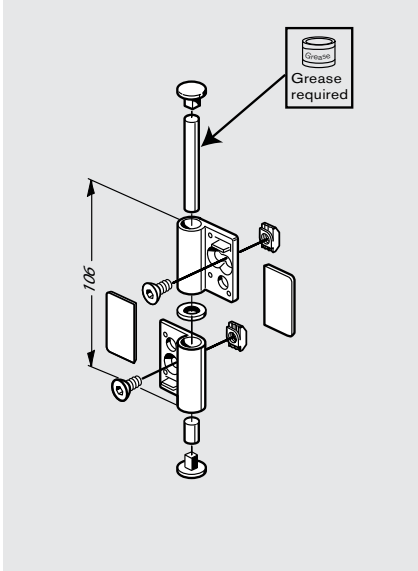
Adjustable hinge	2	<b>3 842 535 694</b>
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\* For smaller quantities, please contact your local distributor.

Section 5: Doors and Door Components

# Doors and Door Components

## Lift-Off Hinges 8, 10

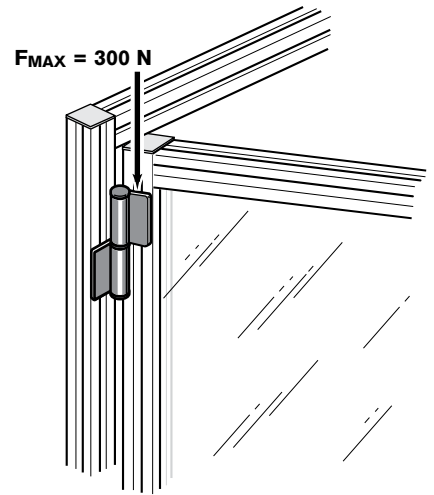


**Features:**

- Hang heavy doors on 30-, 45-, or 60-series profiles with 8mm or 10mm T-slots
- Alignment tabs allow some hinges to be used with multiple profile and T-slot sizes; unused tabs can be easily removed
- Can be installed for left-hand or right-hand door swing
- Surface or butt-mount installation
- $F_{MAX} = 300N$
- Installation hardware and cover caps included

**Material:**

- Hinge: die-cast zinc
- Hinge pin: zinc-plated steel
- Cover cap: polyamide 6

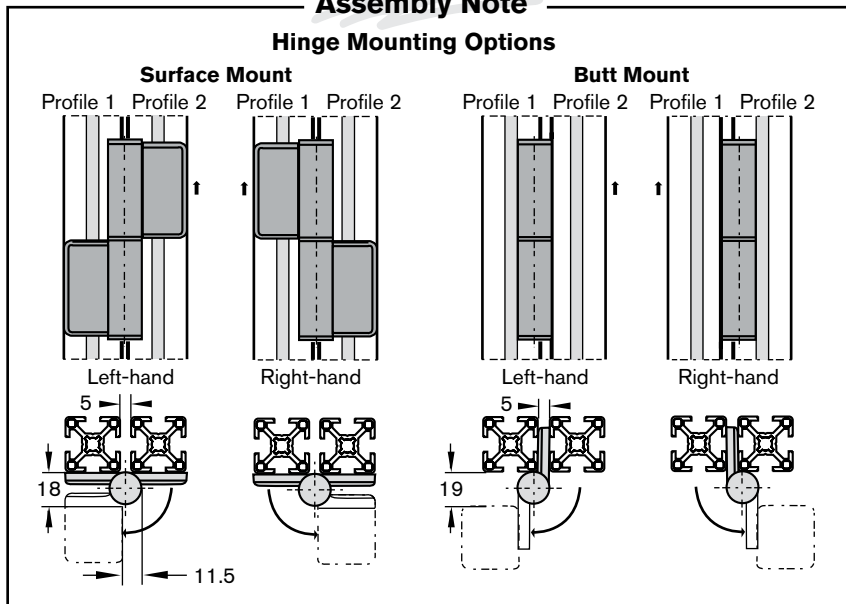


Surface Mount			Butt Mount		
Profile series	Profile series	Order Hinge	Profile series	Profile series	Order Hinge
1	to 2		1	to 2	
30	30	a	30	30	a
45, 60	30	b	45	30	b
45, 60	45, 60	c	45	45	c

Description	Lot Size*	Part Number
<b>a</b> Lift-off hinge	2	<b>3 842 535 686</b>
<b>b</b> Lift-off hinge	2	<b>3 842 535 685</b>
<b>c</b> Lift-off hinge	2	<b>3 842 535 692</b>

\* For smaller quantities, please contact your local distributor.

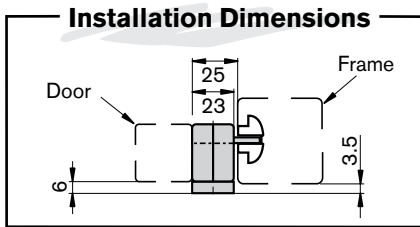
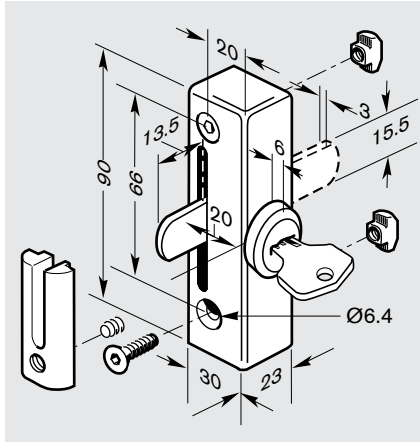
### Assembly Note



Section 5: Doors and Door Components

5

**Standard Lock** 

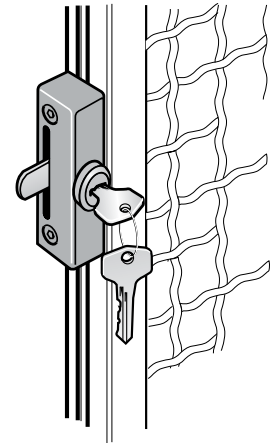


**Features:**

- Mounts to EcoSafe profiles
- Provides locking mechanism for doors and access panels
- Can be installed for left-hand or right-hand door swing

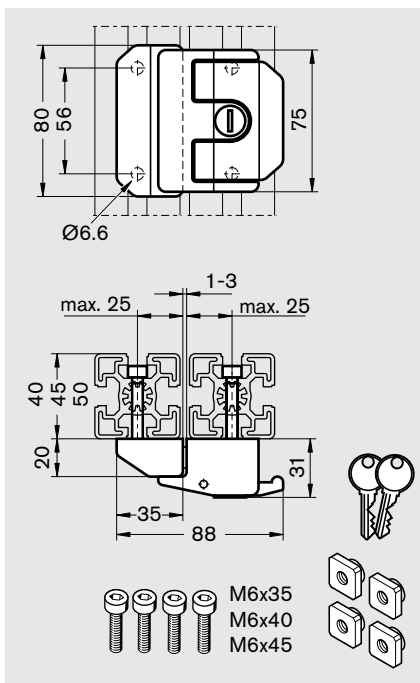
**Material:**

- Die-cast zinc



Description	Lot Size	Part Number
Standard lock with random selection from 150 key variations	1	<b>3 842 522 479</b>
Single master key, fits all 150 random key variations (for use with lock 3 842 522 479 only)	1	<b>3 842 523 315</b>
Standard lock with uniform key	1	<b>3 842 523 320</b>

**Compact Lock** 



**Features:**

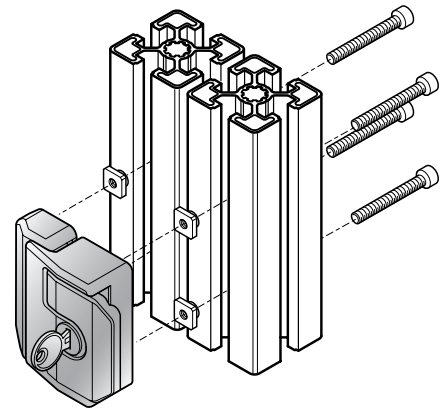
- Designed for use with 40-, 45-, and 50-series profiles
- Self-latching mechanism and ergonomic, low-profile release handle
- Available with universal or randomly selected keys
- Includes two keys and mounting hardware for 40-, 45-, and 50-series profiles

**Machining required:**

- Four 7mm through-holes in profile for mounting screws

**Material:**

- Die-cast zinc

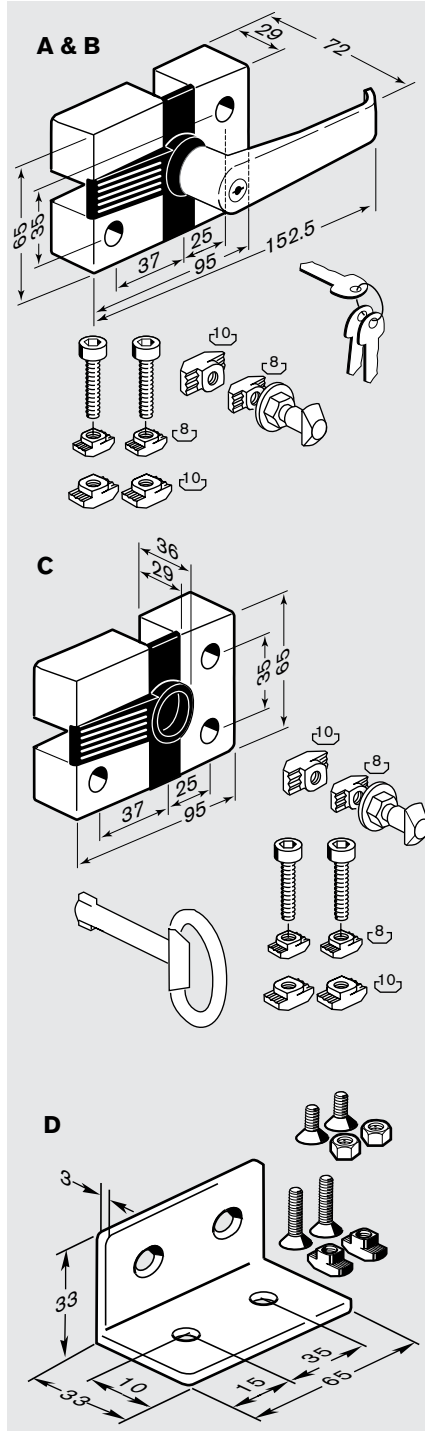


Description	Lot Size	Part Number
Compact lock with random key	1	<b>3 842 530 353</b>
Compact lock with universal key	1	<b>3 842 530 352</b>

Section 5: Doors and Door Components

# Doors and Door Components

## Locks for Swinging or Sliding Doors 8 10

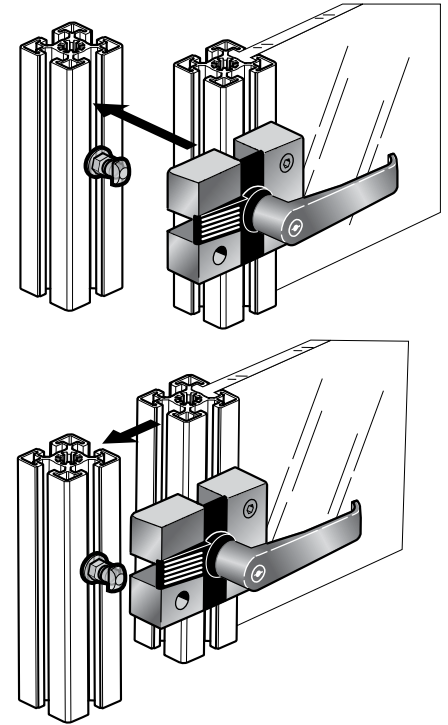


**Features:**

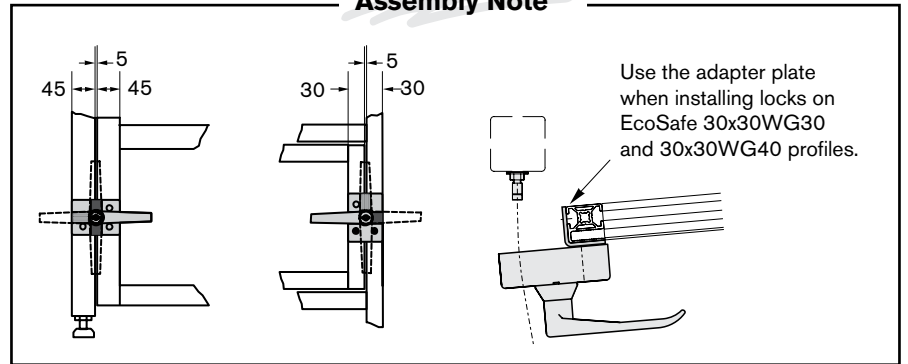
- Include hardware for use with 30-series and 45-series profiles
- Can be used on swinging or sliding doors
- Can be installed for left-hand or right-hand door swing
- On lockable handle versions, the handle can be set in any of four positions
- Lockable handle versions available with universal or random key
- On the version without a handle, the key serves as a removable handle
- An optional adapter plate is available to allow use with EcoSafe 30x30WG30/WG40 profiles

**Material:**

- Handle: black polyamide
- Bolt: zinc-plated steel
- Housing: Die-cast aluminum
- Adapter plate: galvanized steel



**Assembly Note**

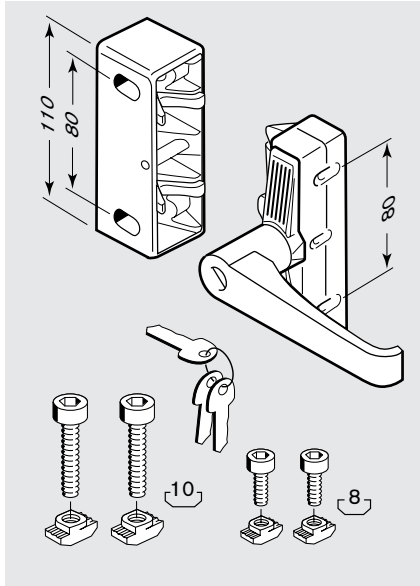


Description	Lot Size	Part Number
<b>A</b> Lockable handle, 30-30/45-45, random key	1	<b>3 842 525 821</b>
<b>B</b> Lockable handle, 30-30/45-45, uniform key	1	<b>3 842 525 822</b>
<b>C</b> Lock, 30-30/45-45, uniform key	1	<b>3 842 525 823</b>
<b>D</b> Adapter plate	1	<b>3 842 523 243</b>

Section 5: Doors and Door Components

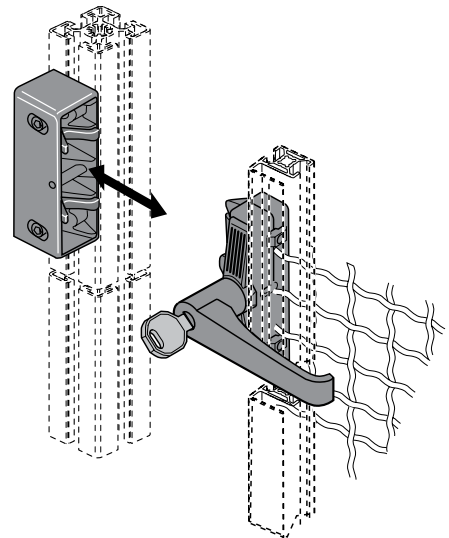
5

**Locks for Sliding Doors**  



**Features:**

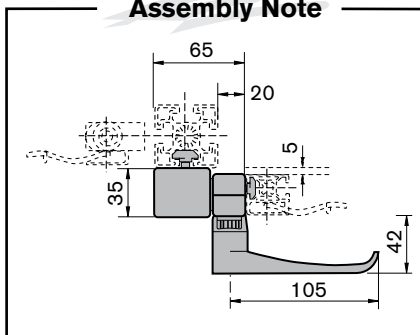
- Include hardware for use with 30-series and 45-series profiles
- Can be used on swinging or sliding doors
- Can be installed for left-hand or right-hand door swing
- On lockable handle versions, the handle can be set in any of four positions
- Lockable handle versions available with universal or random key
- On the version without a handle, the key serves as a removable handle



**Material:**

- Handle: black polyamide
- Bolt: zinc-plated steel
- Housing: die-cast aluminum

**Assembly Note**



**Description**

- Lock for sliding doors, random key
- Lock for sliding doors, uniform key

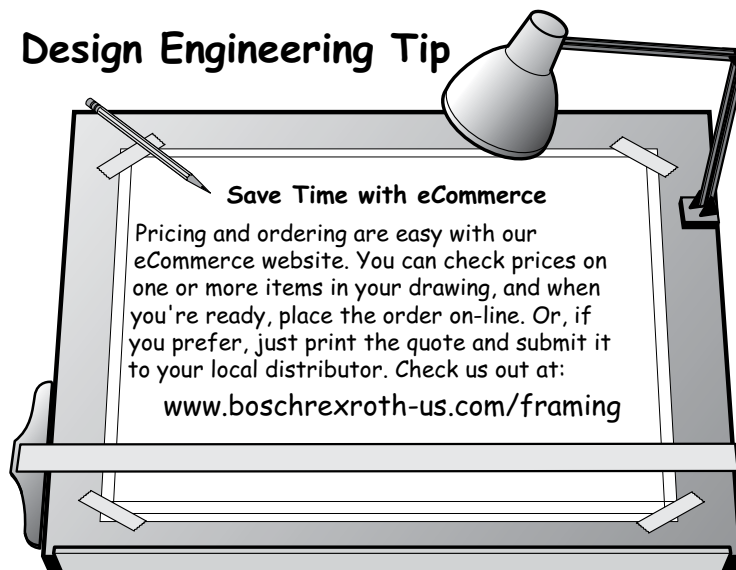
**Lot Size**

- 1
- 1

**Part Number**

- 3 842 525 946**
- 3 842 525 947**

**Design Engineering Tip**

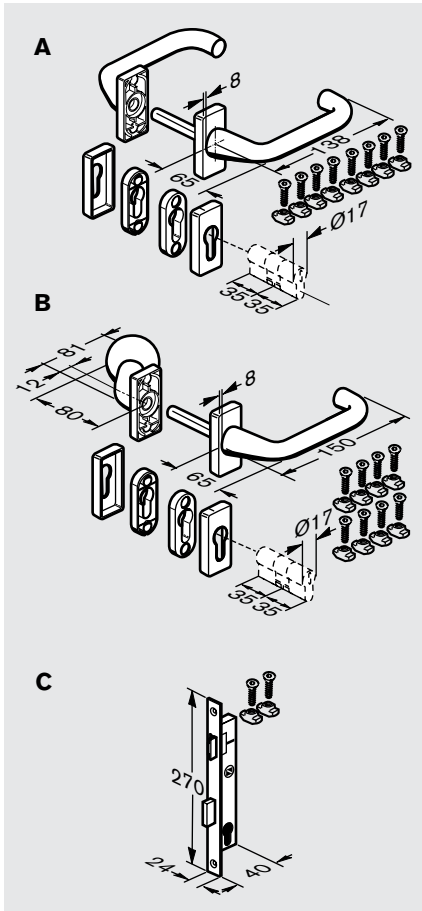




Section 5: Doors and Door Components

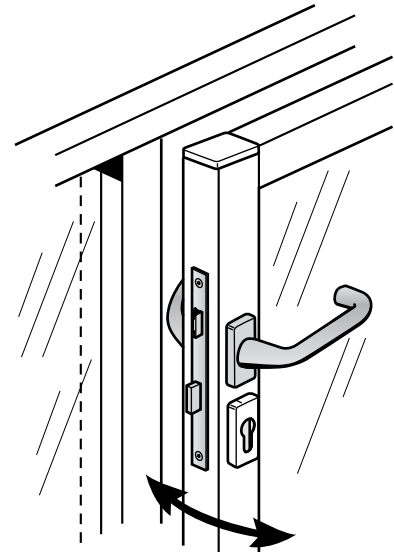
# Doors and Door Components

## Locks for Heavy Swinging Doors 10



**Features:**

- Designed for use with doors where the frame is made from 45x45H or 45x45 2S profile and door jamb is made from 45x45H or 45x45 1S profile
- Two styles of handles are available: (A) bar handles on both sides, or (B) bar handle on one side, ball handle on the other
- Can be installed for left-hand or right-hand door swing
- Mounting hardware, lock housing, and covers included
- Latch mechanism (C) must be ordered separately
- Some machining of frame and jamb profiles is necessary



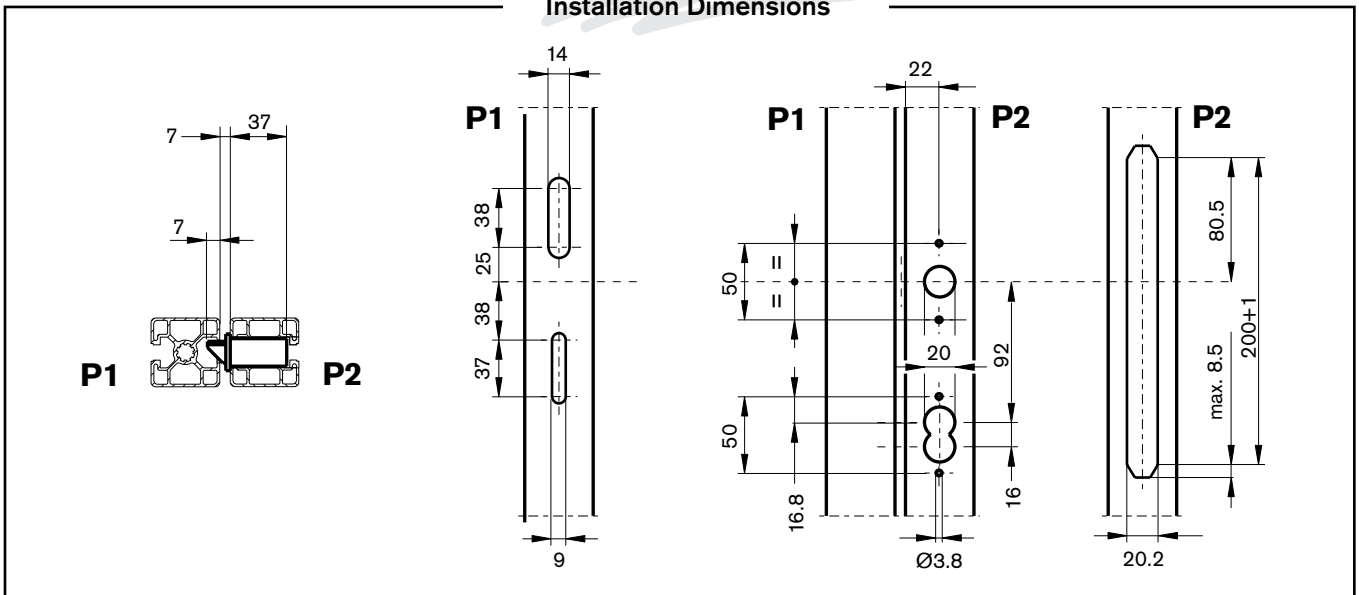
**Material:**

- Key cover, latch mechanism, and handle: die-cast zinc
- Hardware: zinc-plated steel

Description	Lot Size	Part Number
<b>A</b> Bar handle on both sides, one package	1	<b>3 842 542 683</b>
<b>B</b> Bar handle on one side, ball handle on the other side, one package	1	<b>3 842 542 684</b>
<b>C</b> Latch mechanism	1	<b>3 842 538 241</b>






Mortise lock with key available from ILCO, ILCO part 52225. Thumb knob also available. Call ILCO at 800-334-1381.

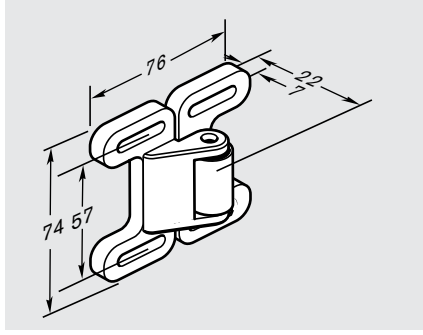
### Installation Dimensions



Section 5: Doors and Door Components

5

**Ball Detent Latch**     

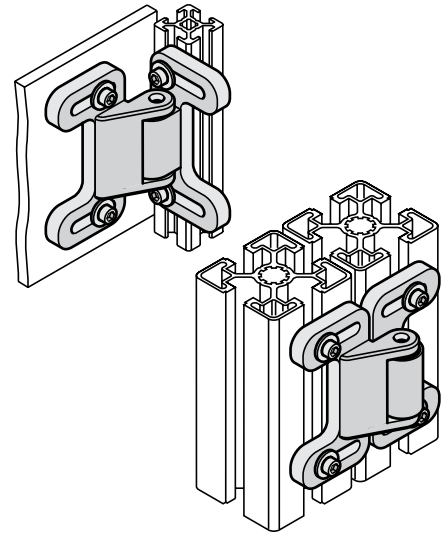









**Features:**

- Provides a positive stop for sliding and swinging doors with profile frames
- Can be used with profiles having 6mm, 8mm, or 10mm T-slots
- Can be mounted directly to a panel or door for frameless doors or flaps
- ESD safe
- Does NOT include mounting hardware
- Pull force - 15N + 5

**Material:**

- Black polyamide 6, conductive



Hardware Required to Connect	 DIN 912	 DIN 9021	 T-Nut
	M4x12 (4x)	B4.3 (4x)	6mm (4x)
	M4x12 (2x)	B4.3 (2x)	6mm (2x)
	M4x14 (2x)	B4.3 (2x)	8mm (2x)
	M4x14 (4x)	B4.3 (4x)	8mm (4x)
	M4x14 (2x)	B4.3 (2x)	8mm (2x)
	M5x20 (2x)	B5.3 (2x)	10mm (2x)
	M5x20 (4x)	B5.3 (4x)	10mm (4x)

**Description**

Ball detent latch

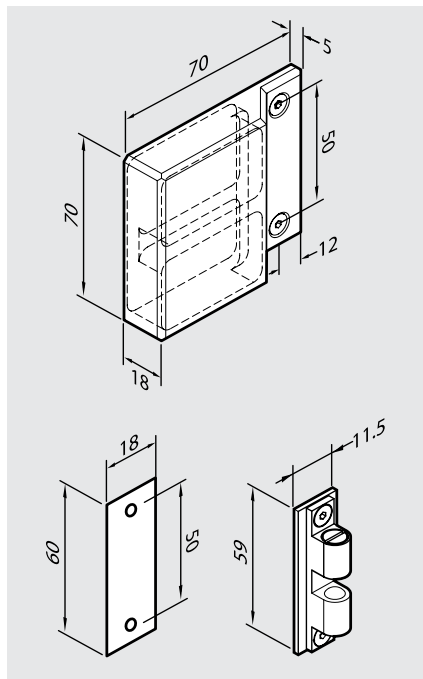
**Lot Size**

1

**Part Number**

3 842 524 986

**Universal Ball Detent Latch**  

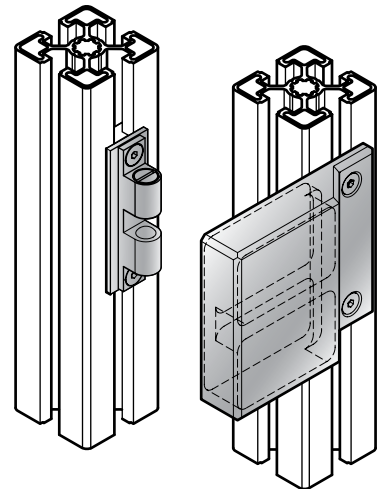


**Features:**

- Provides a positive stop for swinging doors with profile frames
- Can be used with any standard 10mm T-slotted profile except 60-series
- Can be mounted directly to a panel or door for frameless doors or flaps
- ESD safe
- Includes mounting hardware for 10mm T-slots

**Material:**

- Black anodized aluminum



**Description**

Universal ball detent latch

**Lot Size**

1

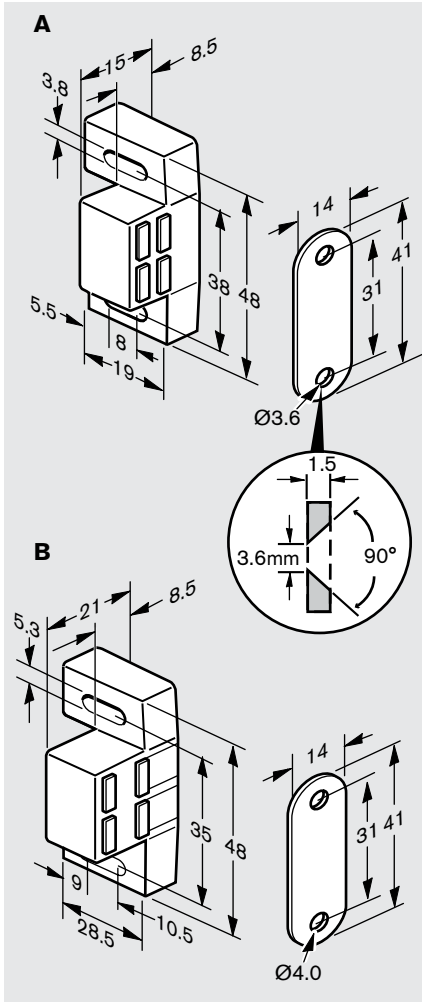
**Part Number**

3 842 530 241

Section 5: Doors and Door Components

# Doors and Door Components

## Magnetic Latches

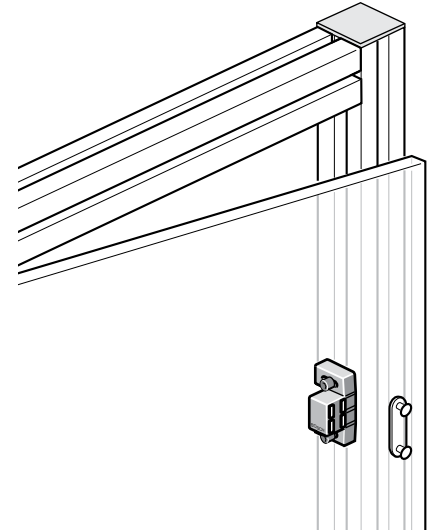





**Features:**

- Designed to hold swinging panels and doors closed
- Striker plate can be attached to panels or frames
- 20N (4.5 lbs.) holding force latch is for use with 6mm T-slotted profiles
- 40N (9.0 lbs.) holding force latch is for use with 8mm and 10mm T-slotted profiles
- Striker plate included
- Mounting hardware not included

**Material:**

- 20N magnetic latch: white polypropylene and zinc-plated steel
- 40N magnetic latch: black polyamide 6 and zinc-plated steel

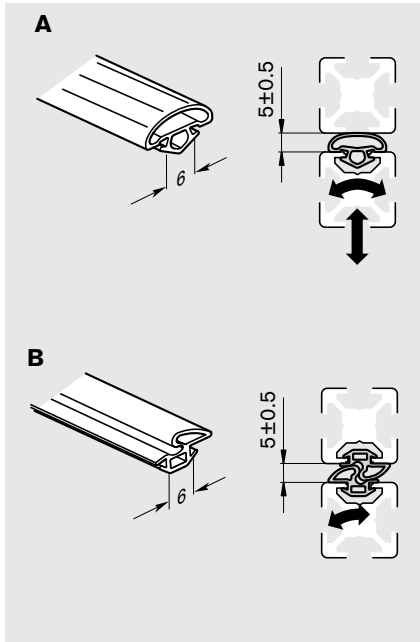


Description	Lot Size	Part Number
<b>A</b> 20N magnetic latch 	1	<b>3 842 518 740</b>
<b>B</b> 40N magnetic latch  	1	<b>3 842 516 165</b>

Section 5: Doors and Door Components

5

6mm Door Seals 

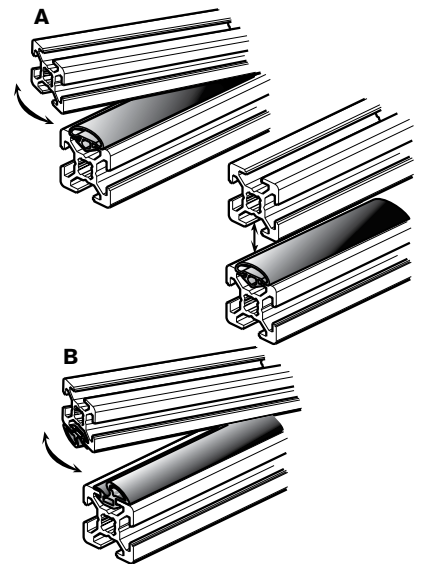




**Features:**

- Fit into any profile with a 6mm T-slot
- Prevent unwanted materials and particulate from entering or escaping
- Style A can be used for swinging or sliding doors
- Style B is designed for use on swinging doors to create a positive door stop
- Resistant to acid, caustic solutions, alcohol, mineral oil, and benzene
- Length: 10,000mm

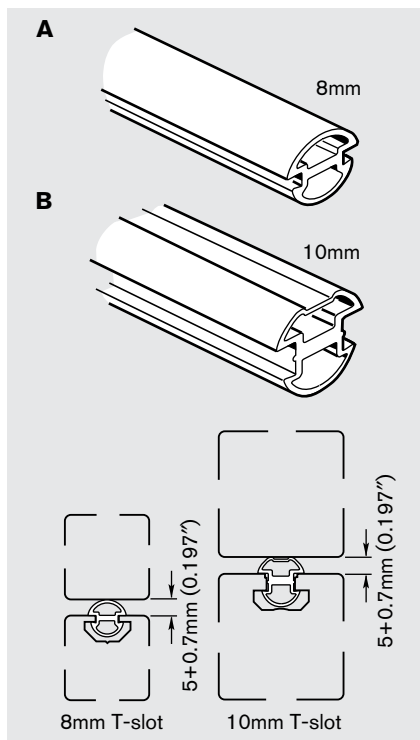
**Material:**

- Light gray thermoplastic elastomer



Description	Lot Size	Part Number
<b>A</b> Style A 6mm door seal, 10,000mm long 	1	<b>3 842 524 623</b>
<b>B</b> Style B 6mm door seal, 10,000mm long 	1	<b>3 842 524 622</b>

8mm and 10mm Door Seals  

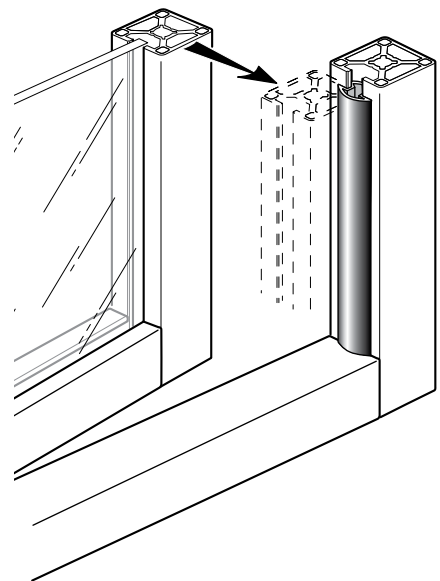




**Features:**

- Prevent unwanted materials and particulate from entering or escaping
- Resistant to mineral oil and organic solvents
- Available for 8mm or 10mm T-slotted profiles
- Length: 10,000mm

**Material:**

- Black NBR (soft rubber), hardness 60, Shore A



Description	Lot Size	Part Number
<b>A</b> 8mm door seal, 10,000mm long 	1	<b>3 842 516 598</b>
<b>B</b> 10mm door seal, 10,000mm long 	1	<b>3 842 518 492</b>