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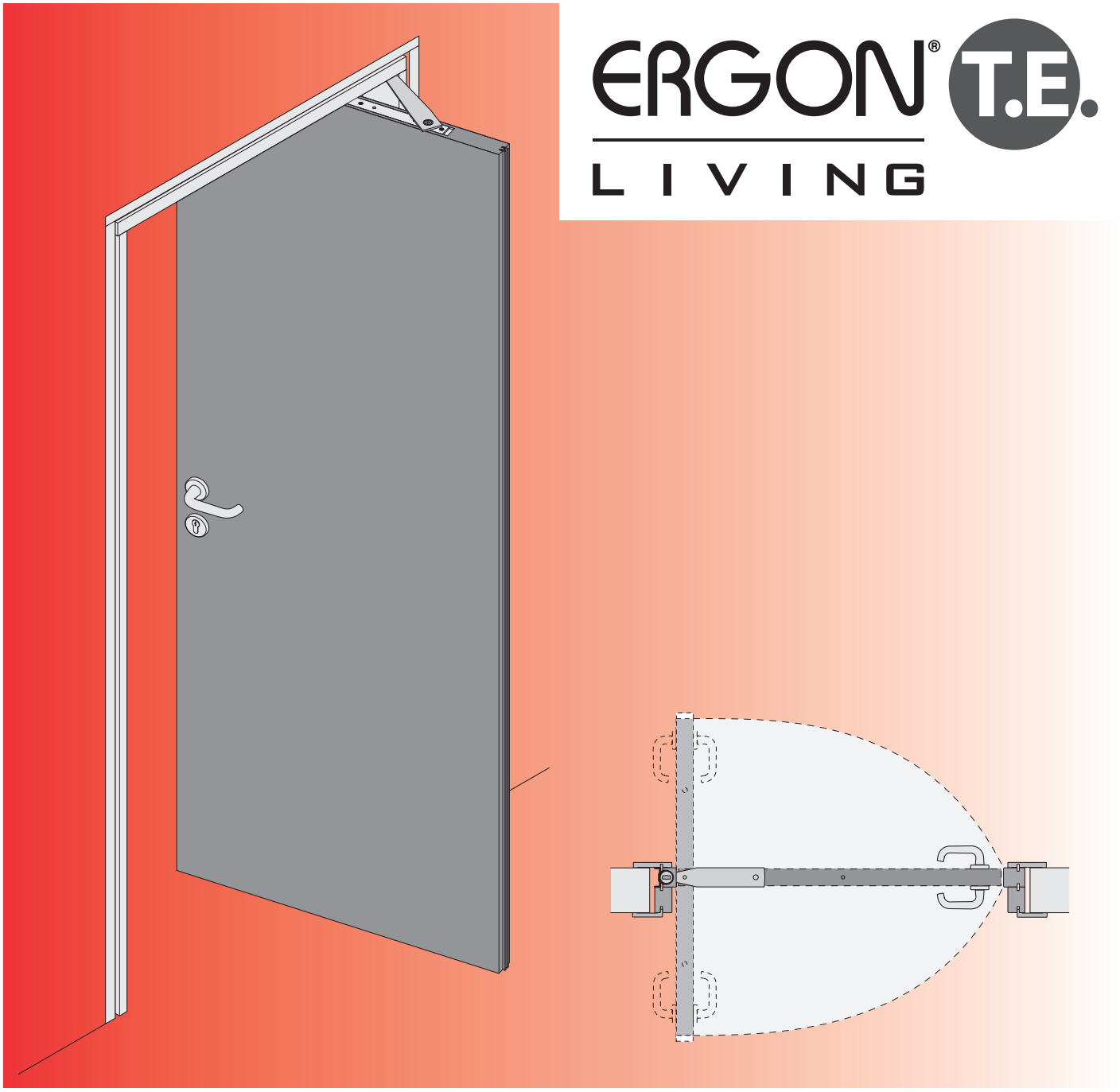
ERGON® T.E.
LIVING



# TECHNICAL MANUAL - CONSTRUCTION AND INSTALLATION

## swinging sliding door with connecting rod on frame

## JAMB THICKNESS 1 15/16"

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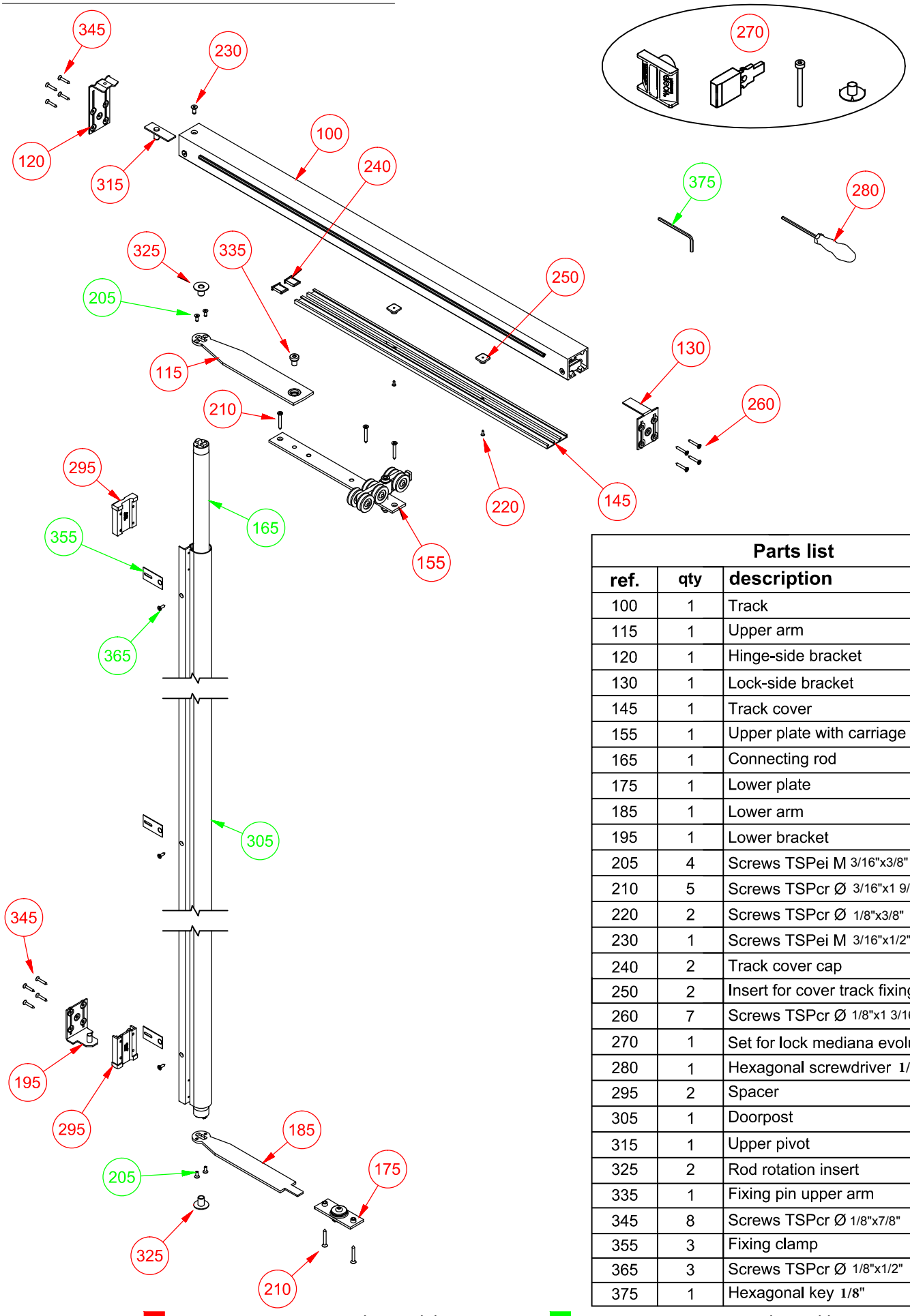
## EXPLODED VIEW OF THE HARDWARE




| Parts list | | |
|---|---|---|
| **ref.** | **qty** | **description** |
| 100 | 1 | Track |
| 115 | 1 | Upper arm |
| 120 | 1 | Hinge-side bracket |
| 130 | 1 | Lock-side bracket |
| 145 | 1 | Track cover |
| 155 | 1 | Upper plate with carriage |
| 165 | 1 | Connecting rod |
| 175 | 1 | Lower plate |
| 185 | 1 | Lower arm |
| 195 | 1 | Lower bracket |
| 205 | 4 | Screws TSPei M 3/16"x3/8" |
| 210 | 5 | Screws TSPcr Ø 3/16"x1 9/16" |
| 220 | 2 | Screws TSPcr Ø 1/8"x3/8" |
| 230 | 1 | Screws TSPei M 3/16"x1/2" |
| 240 | 2 | Track cover cap |
| 250 | 2 | Insert for cover track fixing |
| 260 | 7 | Screws TSPcr Ø 1/8"x1 3/16" |
| 270 | 1 | Set for lock mediana evolution |
| 280 | 1 | Hexagonal screwdriver 1/8" |
| 295 | 2 | Spacer |
| 305 | 1 | Doorpost |
| 315 | 1 | Upper pivot |
| 325 | 2 | Rod rotation insert |
| 335 | 1 | Fixing pin upper arm |
| 345 | 8 | Screws TSPcr Ø 1/8"x7/8" |
| 355 | 3 | Fixing clamp |
| 365 | 3 | Screws TSPcr Ø 1/8"x1/2" |
| 375 | 1 | Hexagonal key 1/8" |

Component present in the track kit

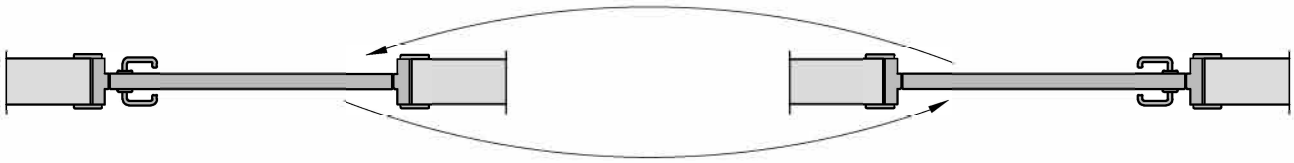
Component present in the rod kit

## INTRODUCTION

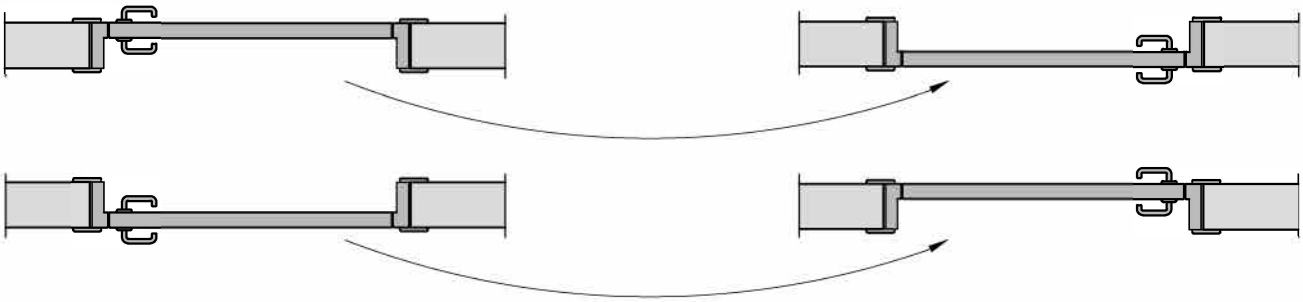
Ergon T.E. version extend the possibilities of use **ERGON®** technology for internal residential doors, which are built for doors unsuitable to contain the connecting rod between the two arms, such as glass, mirror, solid wood doors, etc. To guarantee the reliability and practicality provided by thousands of produced models, the components used for the T.E. version come from **ERGON®** LIVING S40 and **ERGON®** COMMUNITY models. These models are certified by the research institute and test laboratory CATAS according to EN 1119 standards and they passed severe tests about the system resistance to repeated door's opening and closing (100.000 cycles).
In the version T.E. the rod is foreseen inside the jamb and not inside the panel, so that it is possible to use the same panels as the sliding doors. In addition the door can have a minimal thickness of 1 3/8" and a maximum weight of 154 lbs.
The standard finishes available for the T.E. version are silver and black.
In order to reduce the hindrances to the door movement, we propose three different kind of arms:
. "BASE": especially suitable for LFM (wall hole opening) from 31 1/2" to 43 5/16";
. "SMALL": especially suitable for LFM (wall hole opening) from 24 1/32" to 31 1/2";
. "LARGE": especially suitable for LFM (wall hole opening) from 43 5/16" to 57 1/16";

Depending on particular requirements, the door with the **ERGON®** LIVING T.E. hardware can be built so that the door can be situated in any position inside the wall thickness. However to make the description simpler, hereafter there is the description of the two limit positions and it is used the same terminology of this manual:

1) "centered door " when the leaf is in the middle of the thickness of the wall; this solution offers the advantage in the construction of the lock, which do not depend from its laying. Indeed since the door is in the middle of the wall and it has two way of opening, the laying position could also be decided in the same time of the installation without make any modifications to the door.



2) "oriented door" when the door is flush with one of the two sides of the wall; in this case the door must be appositely built according to the laying and and its orientation.



According to the wall hole width, the T.E. series is available in different standard dimensions for each kind of arm (BASE, SMALL, LARGE). Once the right kind has been chosen, it is possible to have intermediate dimensions, by cutting the track and the track cover (page 16). With regard to the wall hole height, in case it is necessary a different dimension from the standard one, the special kit is to required, thanks to which it is possible to have the required dimension by cutting the doorpost profile (page 17) and the connecting rod (page 18).

FRAME SPECIFICATION

## LOCK

**ERGON LIVING** double way of opening.
**ERGON** System double opening way doors permit the use of two different types of latch/lock mechanisms, each with its own functional characteristics:
- Magnetic latch. This type of latch was designed for traditional doors that open one way only. If used with a double opening way, it does not work well unless the door is moved by hand to the closed position. If the door is pushed, even lightly, the magnetic latch is not activated and the door continues its swing past the closed position.
- "Mediana Evolution" (AGB) latch/lock mechanism. The use of this type of closure, opportunely modified by replacing the standard latch with the **ERGON** latch (included with the guides), allows the door to close in a manner similar to a standard door with stop. Unlike the magnetic latch, even if the door is pushed with some force it will stop in the closed position.

## RABBET DOOR WITH ONE-WAY OPENING

In some home's rooms can be more suitable using rabbet doors with **ERGON**, this is possible by putting some rabbets on the vertical door sides. In this way there's not more the double-way opening, but there is a better acustic isolation inside the room by using a gasket for the tightness.

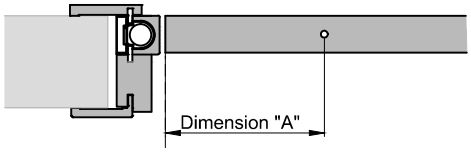
With **ERGON** System one opening way, you can use any latch mechanism, although optimal function is provided by a magnetic latch.

ATTENTION: **ERGON** kits for one-way doors with stop are identical to those used for double opening way.

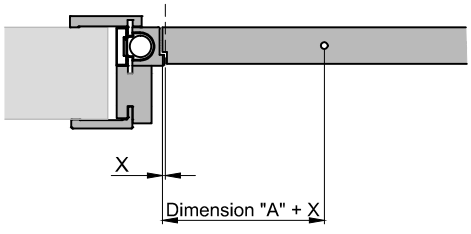
In the drawings on the right side there is examples (fig. 2) of **ERGON** rabbet door. In order to prepare the rabbets on the panel and the jamb (fig. 2), it's necessary that both of them are specular (fig. 3), it's important to pay attention to the dimension "X" which has to be added to the "Dimension A", mentioned at page 11 of the present manual instruction.

(Fig. 3)

DOUBLE WAY
OF OPENING (Fig.1)

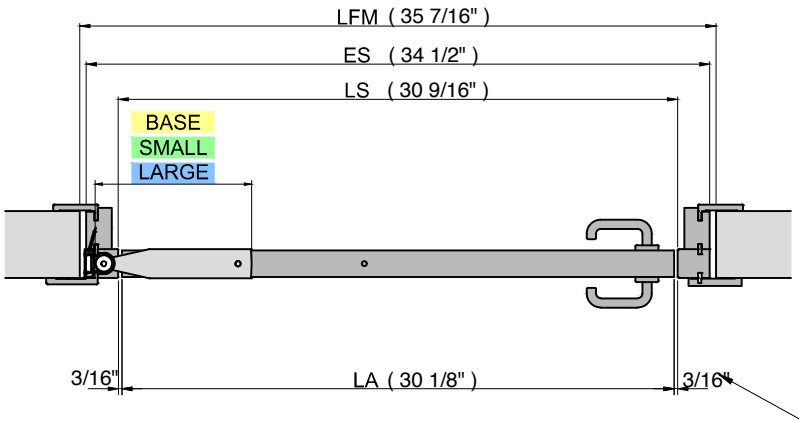



EXAMPLE OF
RABBET DOOR (Fig.2)

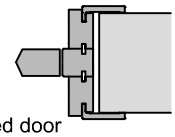


# SINGLE DOOR HORIZONTAL DIMENSIONAL DRAWING

(dimensional example)



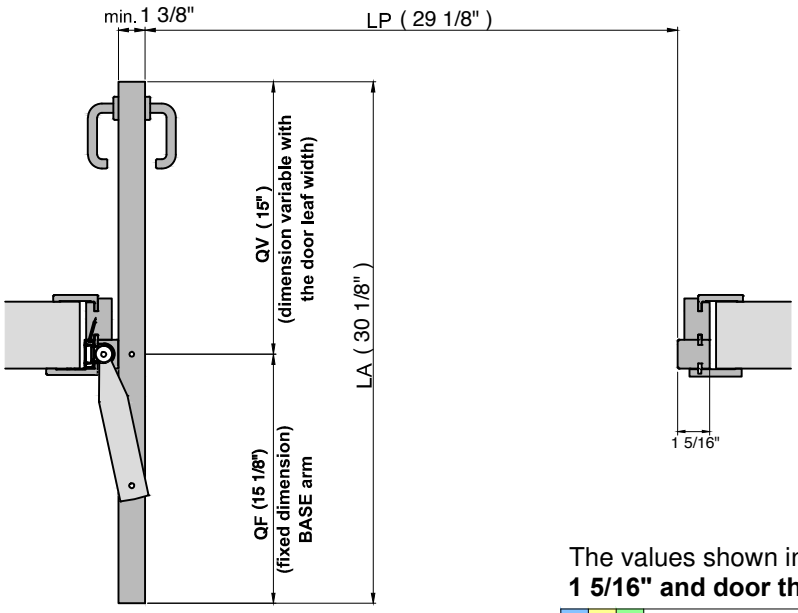

The door can be positioned at the centre with respect to the thickness of the wall.



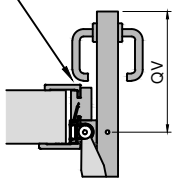
centered door

See page 10 for information on managing wall thickness

**If a magnetic lock is used, it is recommended to reduce the gap to 3 mm on this side only.**




**CAUTION:**
On doors with reduced widths the handle may collide with the jamb. Pay attention to the dimensions of the handle, door and wall thickness.




The values shown in this table refer to a **door with frame thickness 1 5/16" and door thickness 1 3/4".**

| | LARGE | BASE | SMALL | WITH DIMENSION | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | **LFM** WALL HOLE WIDTH | **LP** PASSAGE DIMENSION | **LA** DOOR LEAF WIDTH | **QF** FIXED DIMENSION | **QV** VARIABLE DIMENSION |
| | | | ● | 24 1/32" | 17 11/16" | 18 11/16" | 11 1/4" | 7 1/2" |
| | | | ● | 25 9/16" | 19 5/16" | 20 1/4" | 11 1/4" | 9 1/16" |
| Minimum dimension for "Soft Opening" SMALL arm | | ● | ● | 27 9/16" | 21 1/4" | 22 1/4" | 15 1/8" 11 1/4" | 7 1/8" 11 1/32" |
| | | ● | ● | 29 1/2" | 23 1/4" | 24 3/16" | 15 1/8" 11 1/4" | 9 1/8" 13" |
| Minimum dimension for "Soft Opening" BASE arm | | ◉ | ◉ | 31 1/2" | 25 3/16" | 26 3/16" | 15 1/8" 11 1/4" | 11 1/16" 14 15/16" |
| | | ◉ | | 33 7/16" | 27 3/16" | 28 1/8" | 15 1/8" | 13 1/16" |
| | | ◉ | | 35 7/16" | 29 1/8" | 30 1/8" | 15 1/8" | 15" |
| | | ◉ | | 37 3/8" | 31 1/8" | 32 1/16" | 15 1/8" | 16 15/16" |
| | | ◉ | | 39 3/8" | 33 1/16" | 34 1/16" | 15 1/8" | 18 15/16" |
| | | ◉ | | 41 5/16" | 35 1/16" | 36 1/32" | 15 1/8" | 20 7/8" |
| Minimum dimension for "Soft Opening" LARGE arm | ● | ◉ | | 43 5/16" | 37 1/64" | 38" | 24 1/32" 15 1/8" | 13 31/32" 22 7/8" |
| | ● | | | 45 1/4" | 38 31/32" | 39 15/16" | 24 1/32" | 15 15/16" |
| | ● | | | 47 1/4" | 40 15/16" | 41 15/16" | 24 1/32" | 17 15/16" |
| | ● | | | 49 3/16" | 42 15/16 | 43 7/8" | 24 1/32" | 19 7/8" |
| | ◉ | | | 51 3/16" | 44 7/8" | 45 7/8" | 24 1/32" | 21 7/8" |
| | ● | | | 53 1/8" | 46 7/8" | 47 13/16" | 24 1/32" | 23 13/16" |
| | ● | | | 55 1/8" | 48 13/16" | 49 13/16" | 24 1/32" | 25 13/16" |
| | ◉ | | | 57 1/6" | 50 13/16" | 51 3/4" | 24 1/32" | 27 3/4" |

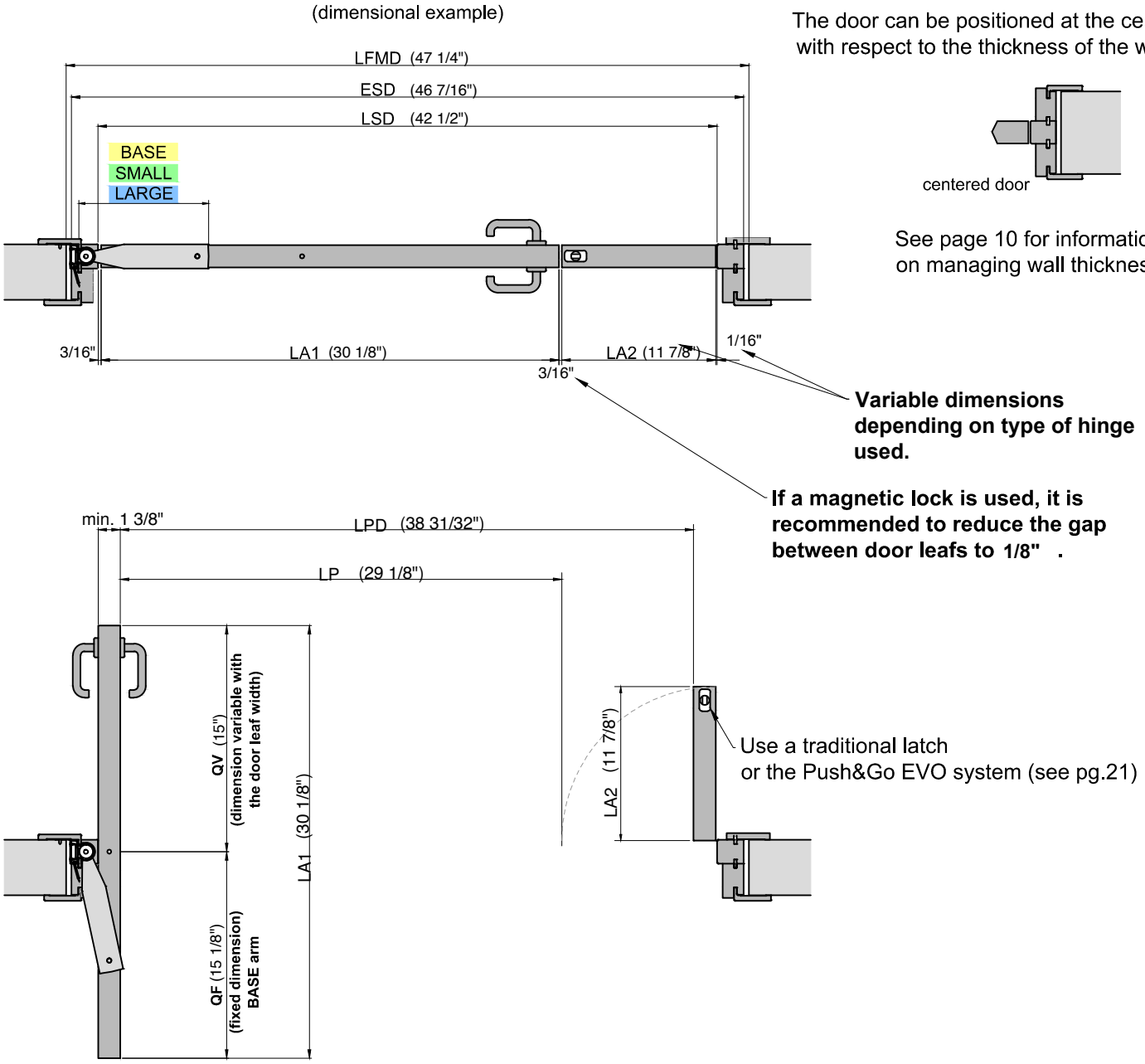
◉ = Available standard dimensions
● = Several examples of dimensions that can be obtained by shortening the track. Intermediate dimensions are also possible.

*LEGEND*

**LFM** = WALL HOLE WIDTH
**LP** = PASSAGE DIMENSION ( LFM - 6 5/16")
**LA** = DOOR LEAF WIDTH ( LFM - 5 5/16" )
**LS** = DOOR JAMB OPENING ( LFM - 124 )
**ES** = OUTER JAMB ( LFM - 4 7/8")
**QF** = FIXED DIMENSION ENCUMBRANCE ARM-SIDE
**QV** = VARIABLE DI MENSION ENCUMBRANCE HANDLE-SIDE

For other custom dimensions, contact Celegon in regards to feasibility

# DOUBLE DOOR HORIZONTAL DIMENSIONAL DRAWING (ERGON DOOR LEAF AND RABBET DOOR)




The door can be positioned at the centre with respect to the thickness of the wall.




See page 10 for information on managing wall thickness

**Variable dimensions depending on type of hinge used.**

**If a magnetic lock is used, it is recommended to reduce the gap between door leafs to 1/8" .**

Use a traditional latch or the Push&Go EVO system (see pg.21)

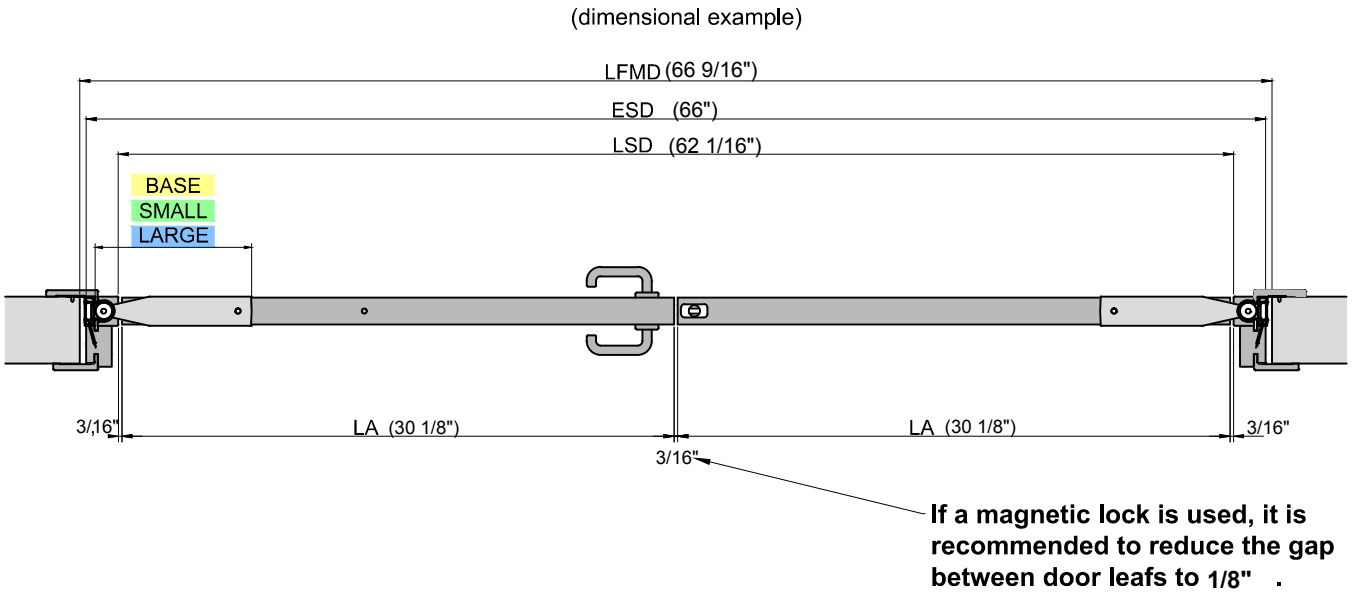
The values shown in the above diagram refer to a **door with frame thickness 1 15/16" and door thickness 1 3/4".**

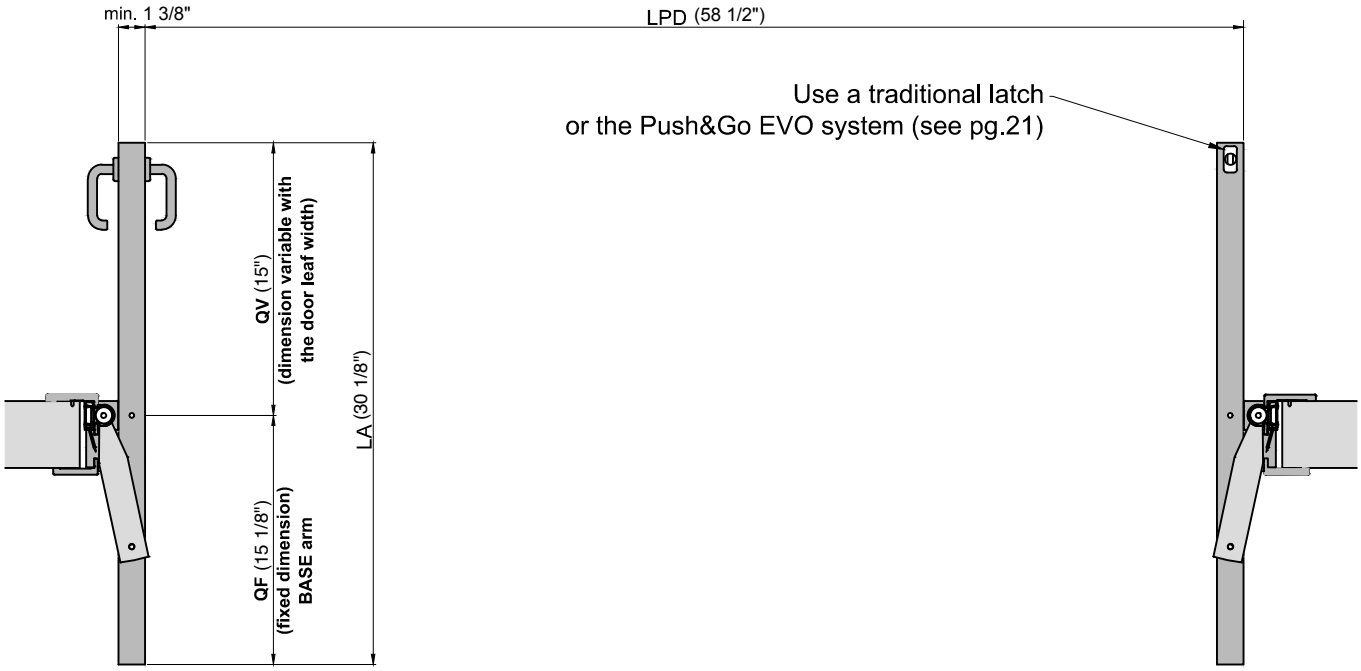
When ordering hardware, the dimensions of the wall opening and the type of arm that will be used must be provided. A custom track kit will be supplied based on the dimensions provided.

*LEGEND*

**LFMD** = WALL HOLE WIDTH
**LPD** = PASSAGE DIMENSION ( LFMD - 8 1/4")
**LA1** = DOOR LEAF WIDTH ( see table on page 5 )
**LA2** = DOOR LEAF WIDTH ( LFMD - LA1 - 5 1/4"variable depending on door LA1 dimensions and type of hinge used )
**LSD** = DOOR JAMB OPENING ( LFMD - 4 3/4")
**ESD** = OUTER JAMB ( LFMD - 13/16")
**QF** = FIXED DIMENSION ENCUMBRANCE ARM-SIDE ( see table on page 5 based on type of arm used )
**QV** = VARIABLE DIMENSION ENCUMBRANCE HANDLE-SIDE ( see table on page 5 based on type of arm used and the dimensions of door LA1 )

# DOUBLE DOOR HORIZONTAL DIMENSIONAL DRAWING (DOUBLE ERGON DOOR LEAVES)



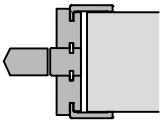

The values shown in the above diagram refer to a **door with frame thickness 1 15/16" and door thickness 1 3/4"**

In this case, it is possible to use track kits for single doors in combination with the dedicated union kit.
For specifications, see pages 19-20-21.

*LEGEND*

**LFMD** = WALL HOLE WIDTH
**LPD** = PASSAGE DIMENSION ( LFMD - 8 1/16")
**LA** = DOOR LEAF WIDTH $\left(\frac{\text{LFMD - 6 5/16"}}{2}\right)$
**LSD** = DOOR JAMB OPENING ( LFMD - 4 1/2")
**ESD** = OUTER JAMB ( LFMD - 9/16")
**QF** = FIXED DIMENSION ENCUMBRANCE ARM-SIDE
**QV** = VARIABLE DIMENSION ENCUMBRANCE HANDLE-SIDE

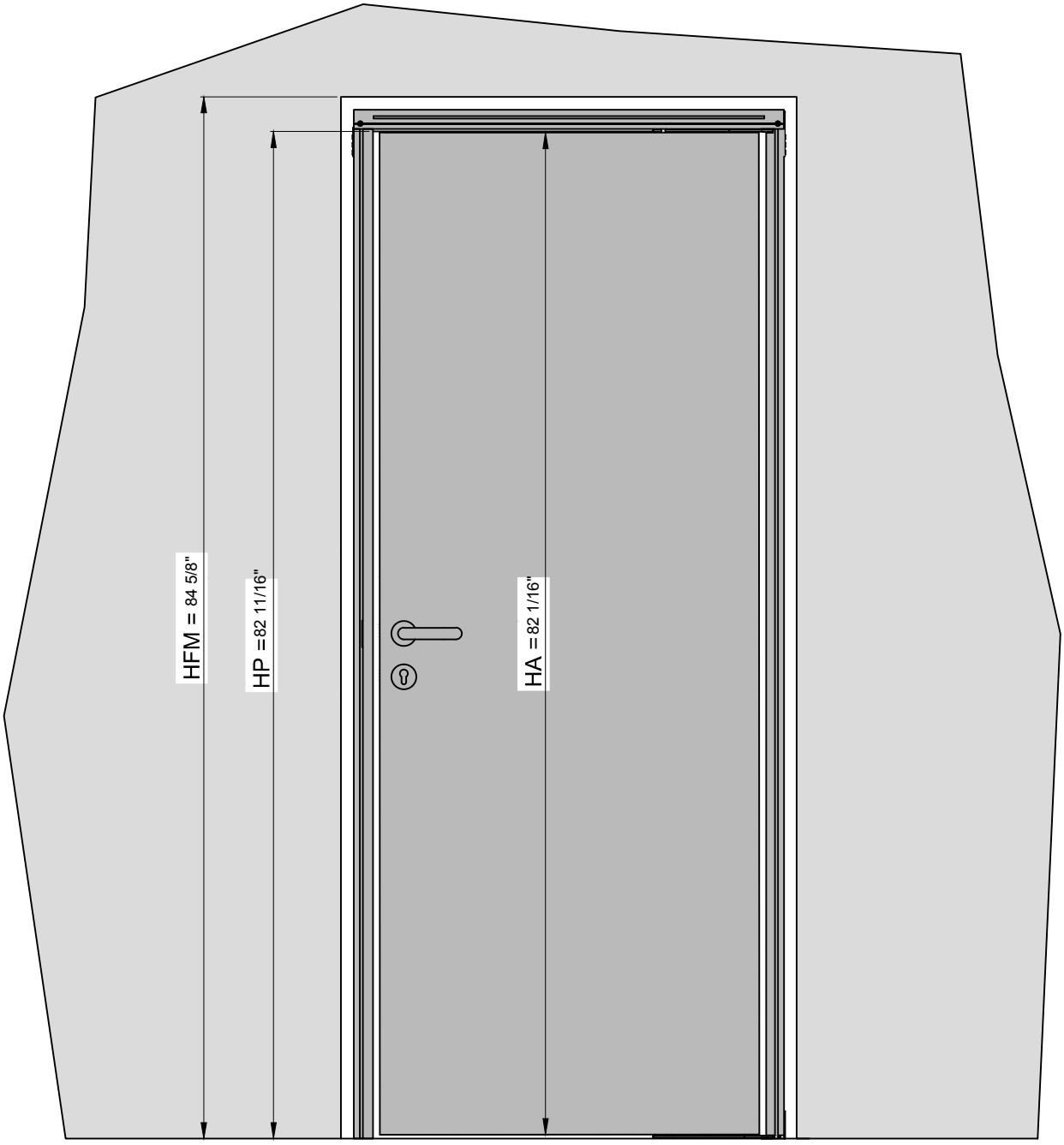
The door can be positioned at the centre with respect to the thickness of the wall.



centered door

See page 10 for information on managing wall thickness

## DIMENSIONAL VERTICAL DRAWING



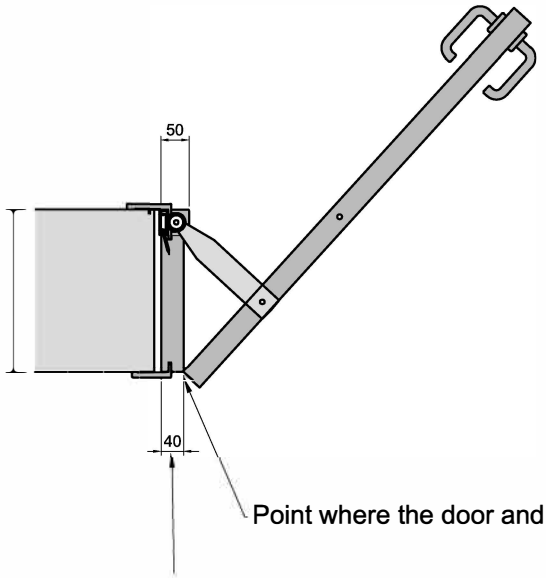

| VERTICAL DIMENSION | | | |
|---|---|---|---|
| HFM<br>wall hole height | HP<br>passage dimension | HA<br>door leaf height | |
| * 76 3/4" | 74 13/16" | 74 3/16" | |
| * 78 3/4" | 76 3/4" | 76 1/8" | |
| * 80 11/16" | 78 3/4" | 78 1/8" | HP = (HFM -1 15/16")<br>HA = (HFM - 2 5/8") |
| * 82 11/16" | 80 11/16" | 80 1/16" | |
| * 84 5/8" | 82 11/16" | 82 1/16" | |
| * 86 5/8" | 84 5/8" | 84" | |
| * 88 9/16" | 86 5/8" | 86" | |

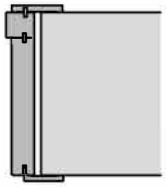
* Available standard dimensions; it is possible to have other dimensions, even intermediate dimensions, by adjusting the doorpost (see page 17) and the connecting rod (see page 18). For getting rods in special sizes, kindly contact Celegon s.r.l..

## MANAGING WALL THICKNESS

The particular translation movement causes the door to retreat during opening, meaning wall thickness requires special attention to prevent the door from colliding with the surface of the jamb (see drawing below).

thickness **max. 7 1/16"** for SMALL arm
thickness **max. 10 1/4"** for BASE arm
thickness **max. 15 3/8"** for LARGE arm

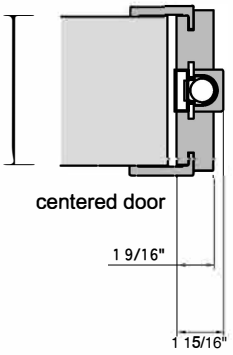


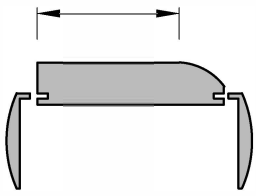




To increase the wall thickness, the jamb thickness can be reduced <1 9/16".
By reducing the jamb to less than 1 9/16", the wall thickness can be increased
by approximately 1 3/16" for every 1/16" (e.g. jamb thickness 1 1/2" = BASE arm wall thickness 11 7/16").

By positioning the door at the centre of the jamb, the maximum wall thickness can be increased.

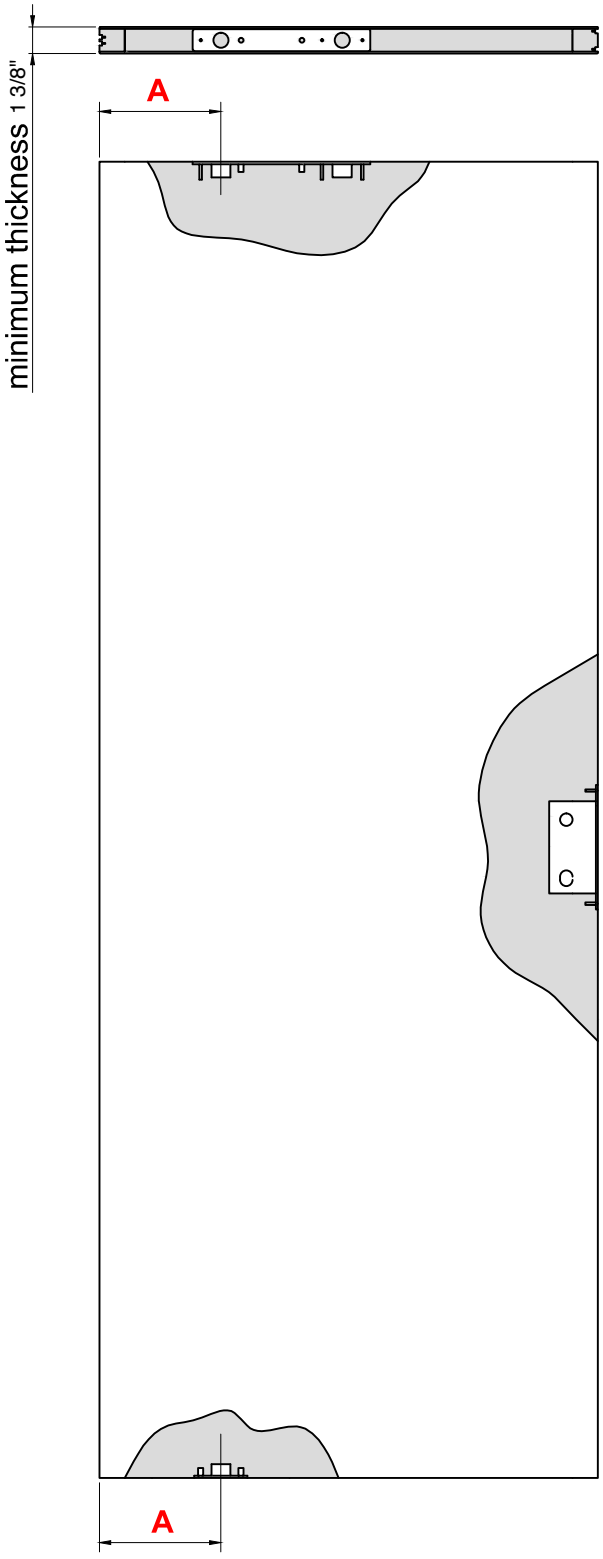
thickness **max. 12 5/8"** for SMALL arm
thickness **max. 18 7/8"** for BASE arm
thickness **max. 29 1/8"** for LARGE arm

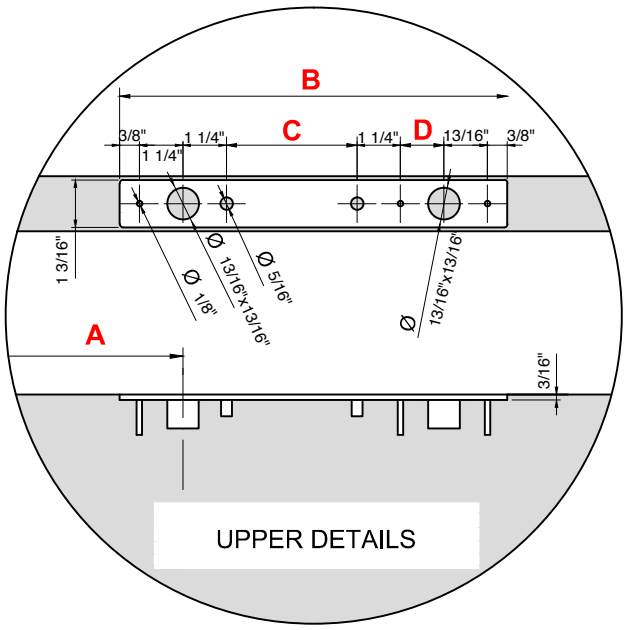


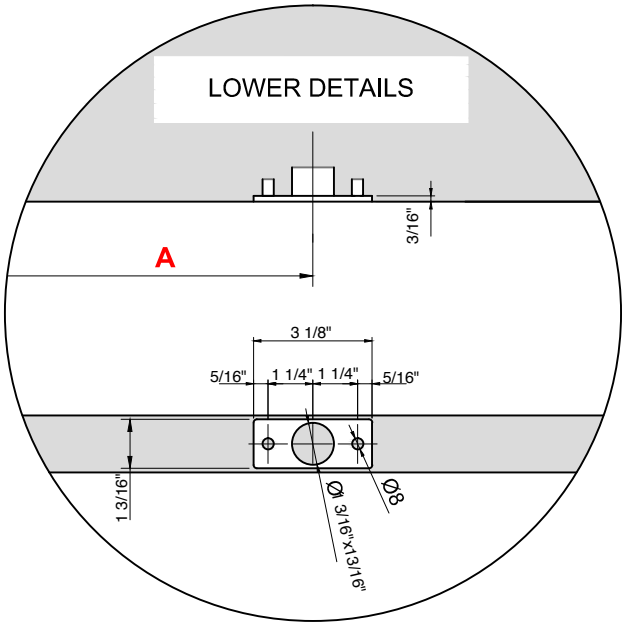
If rounded jambs are used, the above thickness wall dimension must be calculated only on the plane surface and not on the rounded side.

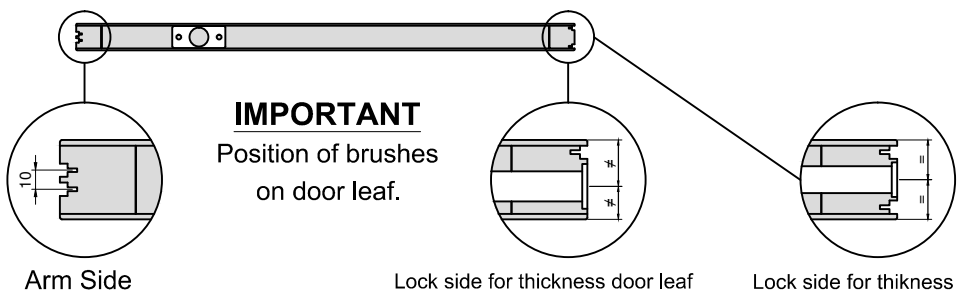
# WORKING DOOR LEAF SPECIFICATION




| Variable measures according to arm used | | | | |
|---|---|---|---|---|
| | A | B | C | D |
| BASE arm | 7 1/8" | 10 7/8" | 3 3/4" | 1 3/4" |
| SMALL arm | 5 3/16" | 8 7/8" | 1 3/4" | 1 3/4" |
| LARGE arm | 11 1/2" | 15 5/16" | 8 13/16" | 1 1/8" |




**IMPORTANT**
Position of brushes on door leaf.

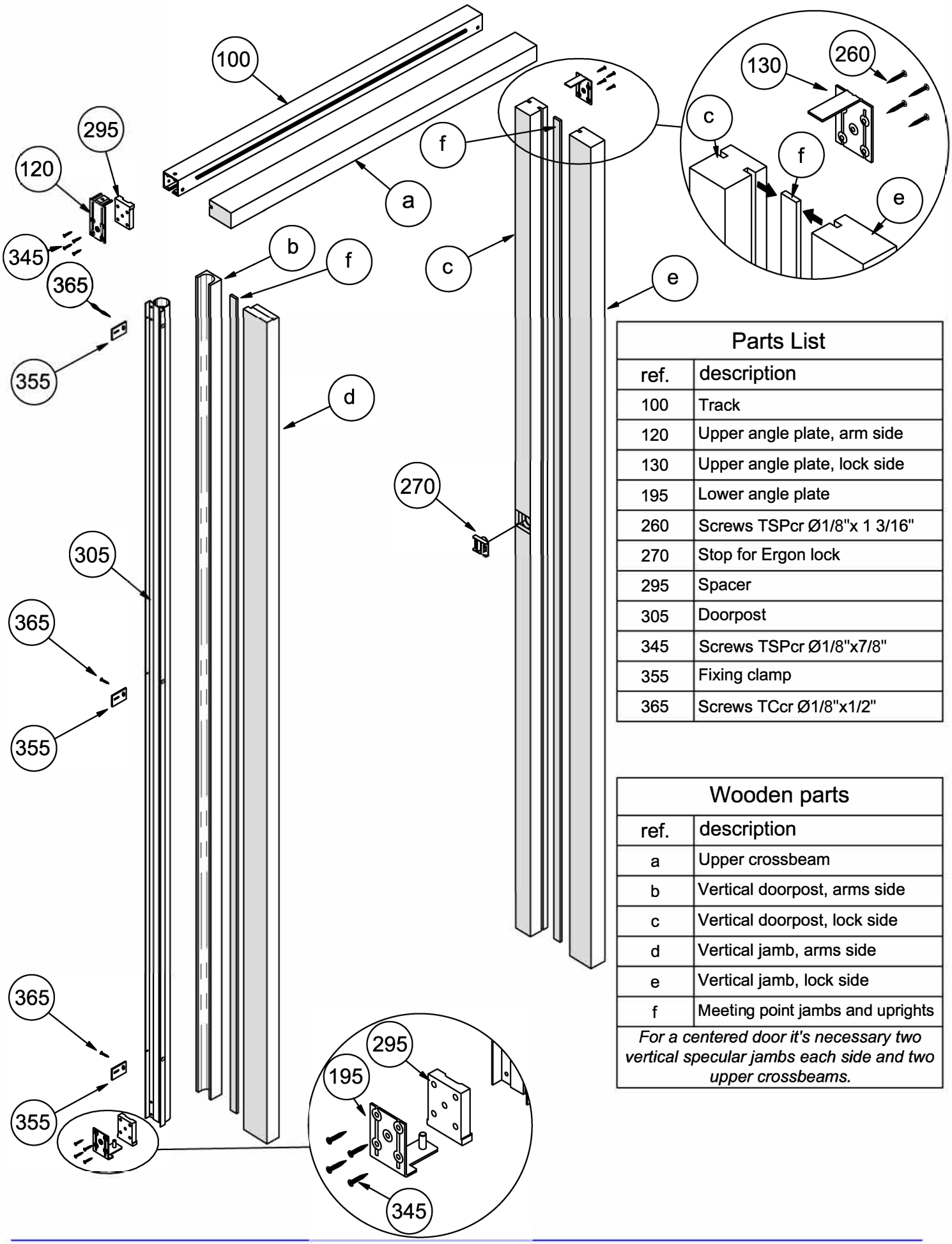
Arm Side

Lock side for thickness door leaf 1 3/8" ÷ 1 1/2"

Lock side for thikness door leaf 1 9/16"÷1 15/16"

**It is recommended to use a lock with facing no larger than 11/16"**

## EXPLODED VIEW OF THE FRAME

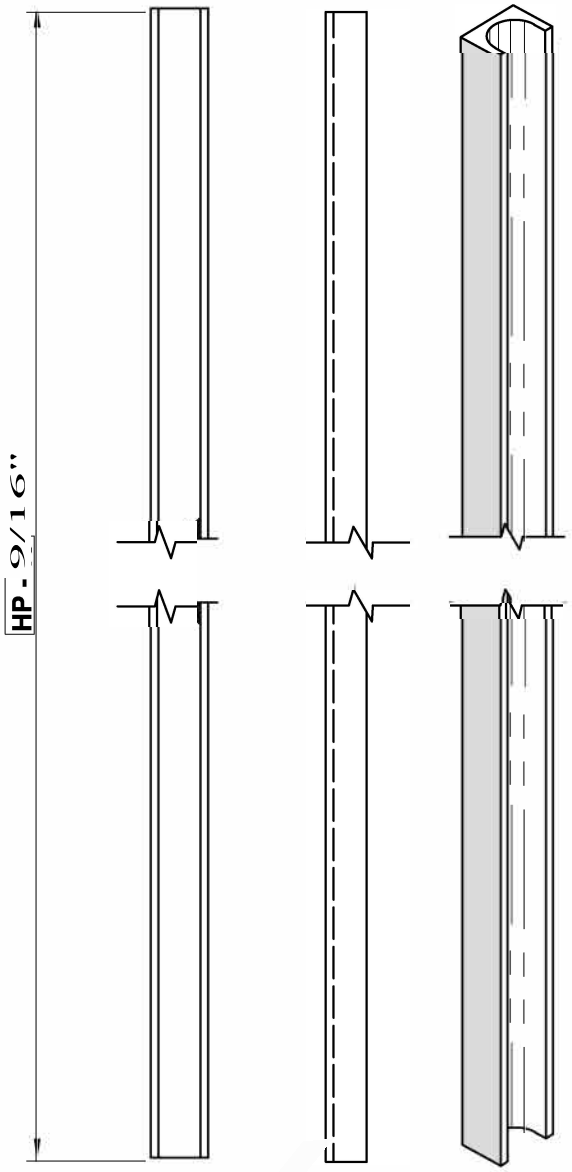


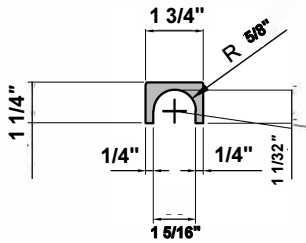

| Parts List | |
|---|---|
| ref. | description |
| 100 | Track |
| 120 | Upper angle plate, arm side |
| 130 | Upper angle plate, lock side |
| 195 | Lower angle plate |
| 260 | Screws TSPcr Ø1/8"x 1 3/16" |
| 270 | Stop for Ergon lock |
| 295 | Spacer |
| 305 | Doorpost |
| 345 | Screws TSPcr Ø1/8"x7/8" |
| 355 | Fixing clamp |
| 365 | Screws TCcr Ø1/8"x1/2" |

| Wooden parts | |
|---|---|
| ref. | description |
| a | Upper crossbeam |
| b | Vertical doorpost, arms side |
| c | Vertical doorpost, lock side |
| d | Vertical jamb, arms side |
| e | Vertical jamb, lock side |
| f | Meeting point jambs and uprights |
| *For a centered door it's necessary two vertical specular jambs each side and two upper crossbeams.* | |

## DETAILS FOR VERTICAL FRAME ARM SIDE

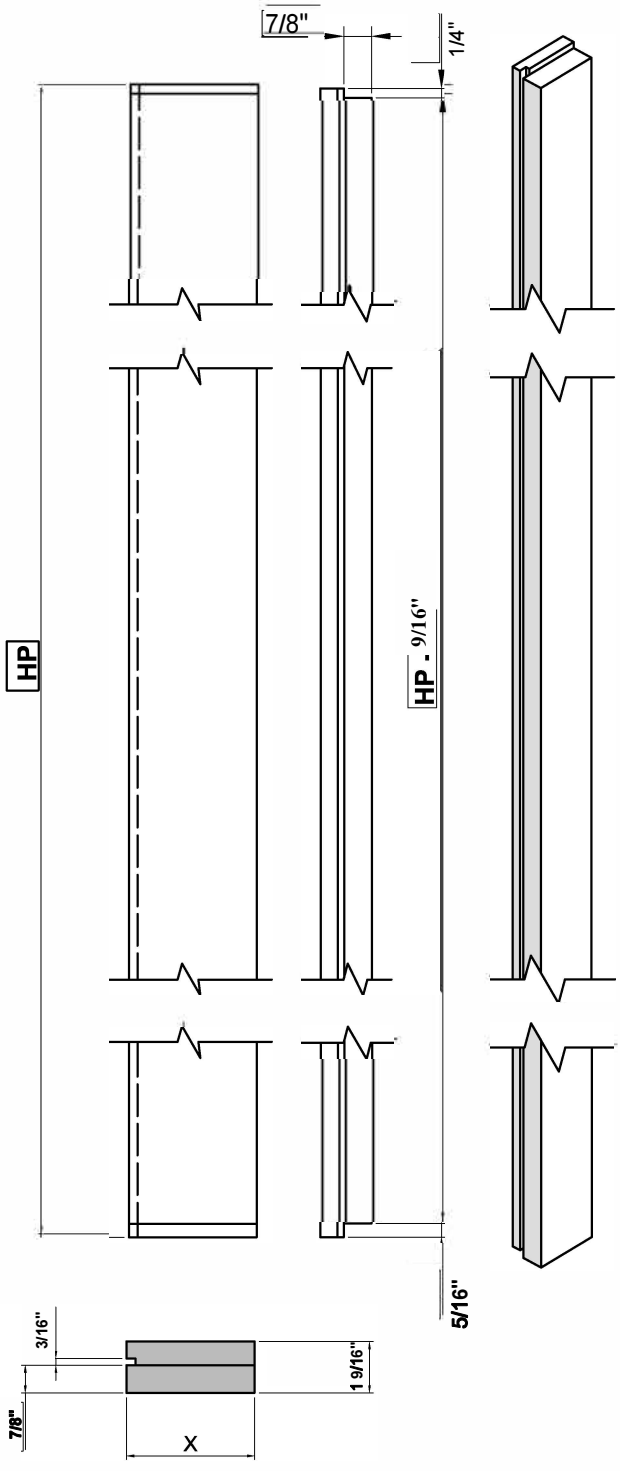
*DOORPOST*




*CHECK THE COMBINATION WITH METALLIC DOORPOST*

*JAMB*







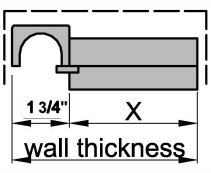
DIMENSION THAT MUST BE ACCURATE

X = WALL THICKNESS - 1 3/4"

HP = HEIGHT PASSAGE DIMENSION

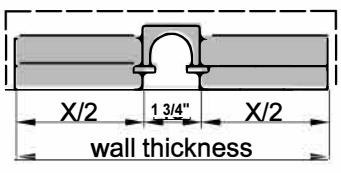
——— VISIBLE SIDE

*ORIENTED DOOR*



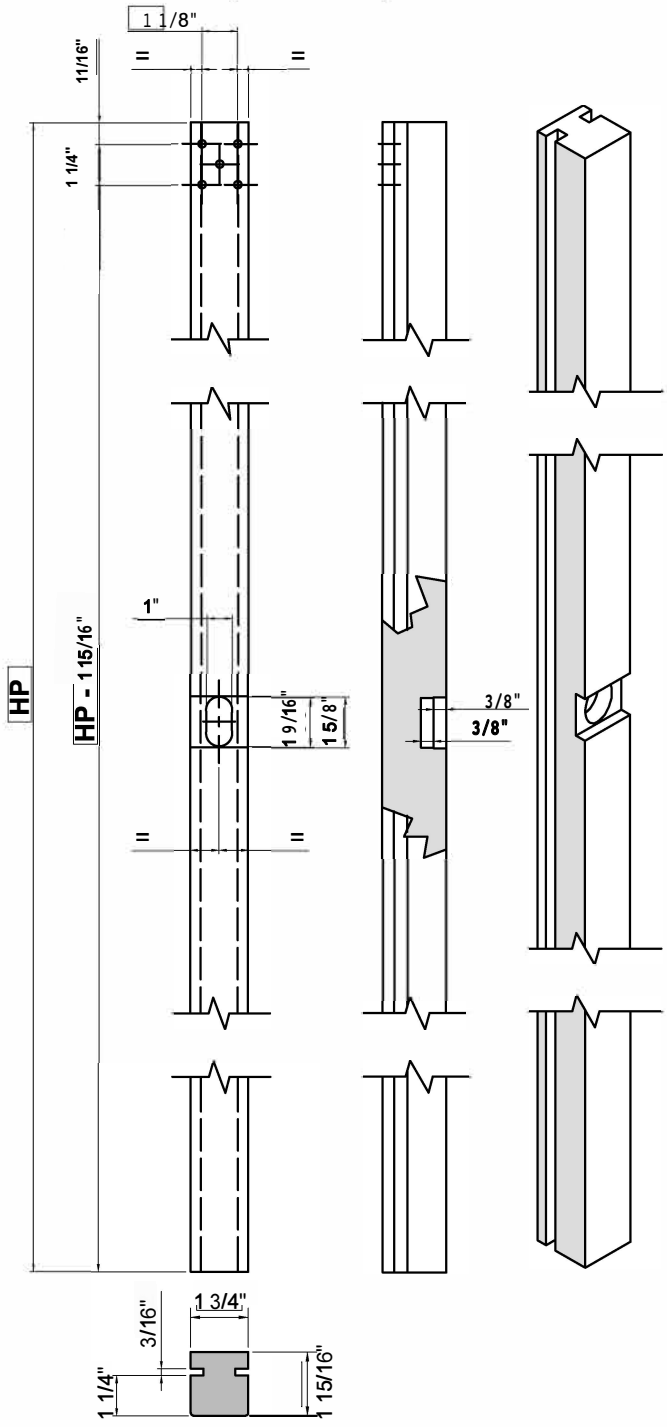

*When the door is in the middle of the wall, you must have two specular jambs*

*CENTERED DOOR*

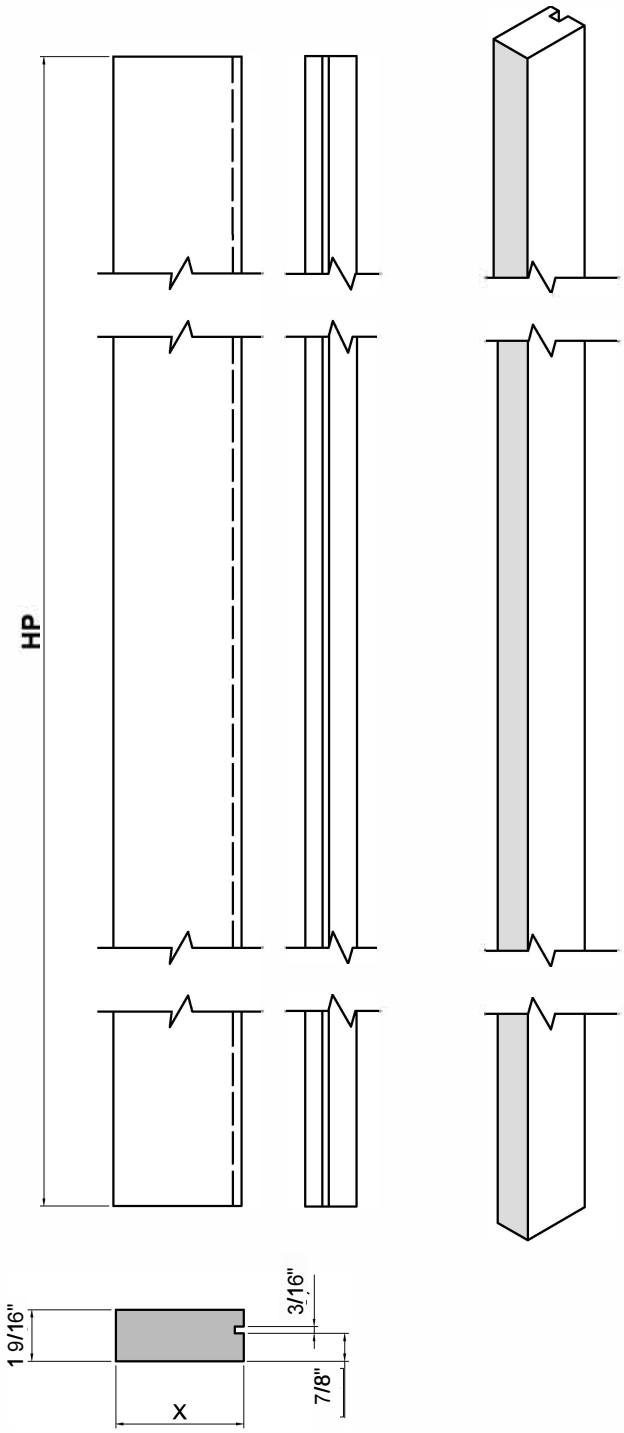


## DETAILS FOR VERTICAL FRAME LOCK SIDE

*DOORPOST*




*JAMB*



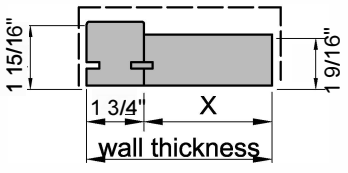

DIMENSION THAT MUST BE ACCURATE

X = WALL THICKNESS - 1 3/4"

HP = HEIGHT PASSAGE DIMENSION

——— VISIBLE SIDE

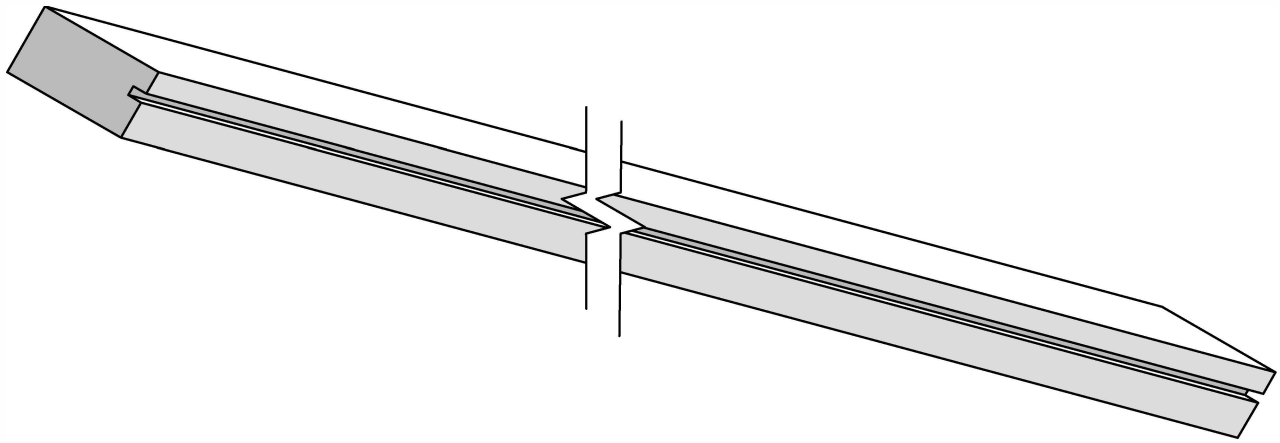
*ORIENTED DOOR*

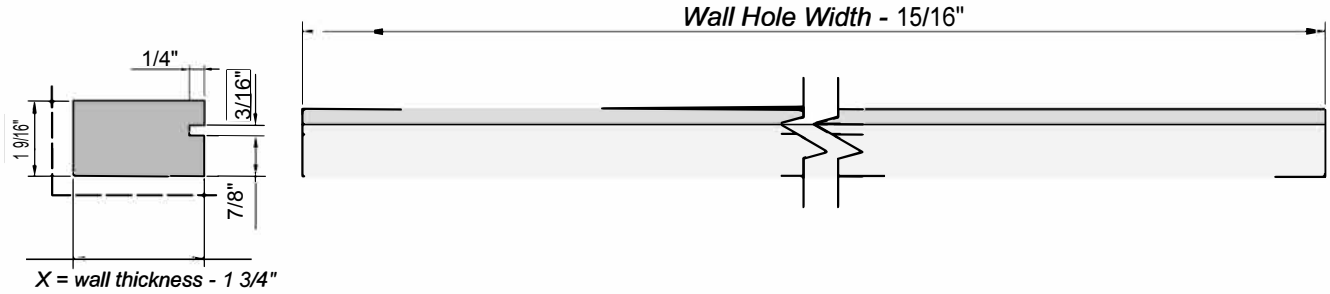



*When the door is in the middle of the wall, you must have two specular jambs*

*CENTERED DOOR*

## DETAILS FOR THE UPPER CROSSBEAM

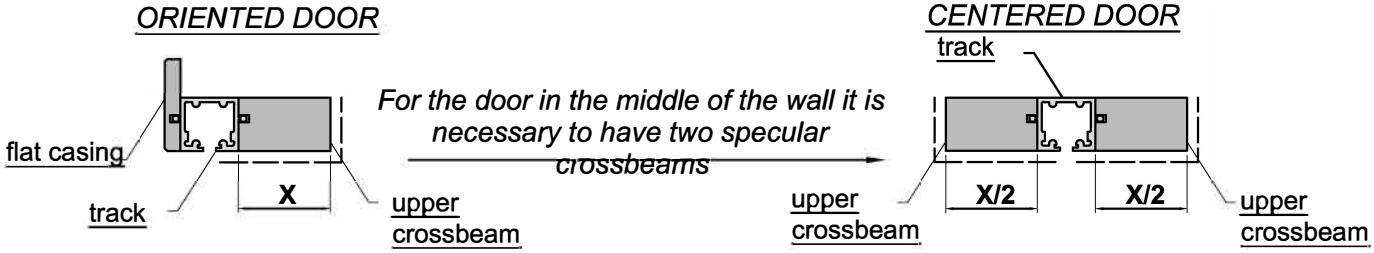




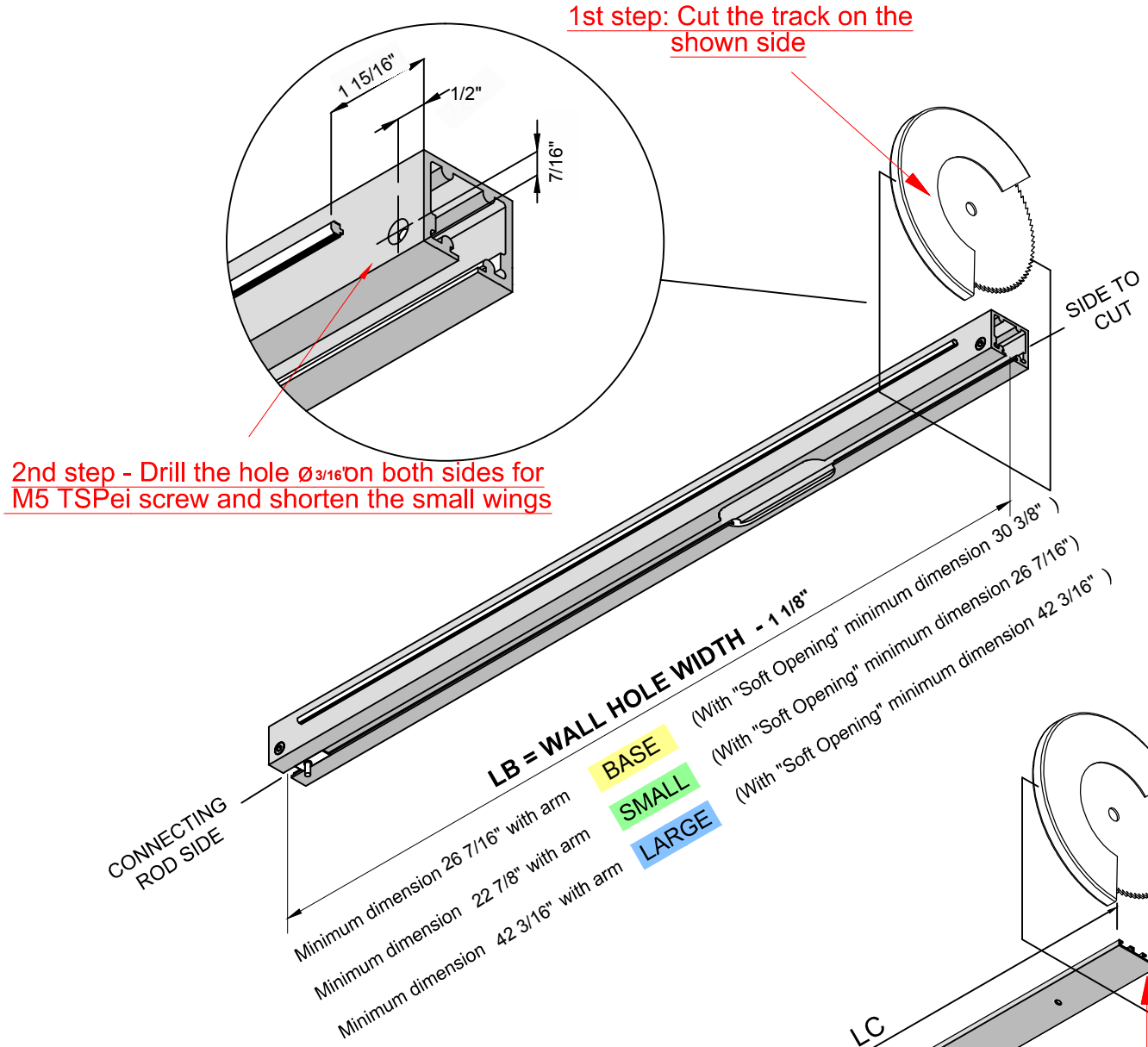

DIMENSION THAT MUST BE ACCURATE

X = WALL THICKNESS - 1 3/4"

——— VISIBLE SIDE

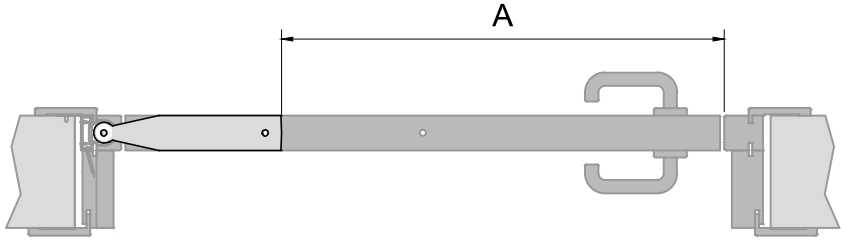


## TRACK ADJUSTMENTTO THE WIDTH OF THE DOOR





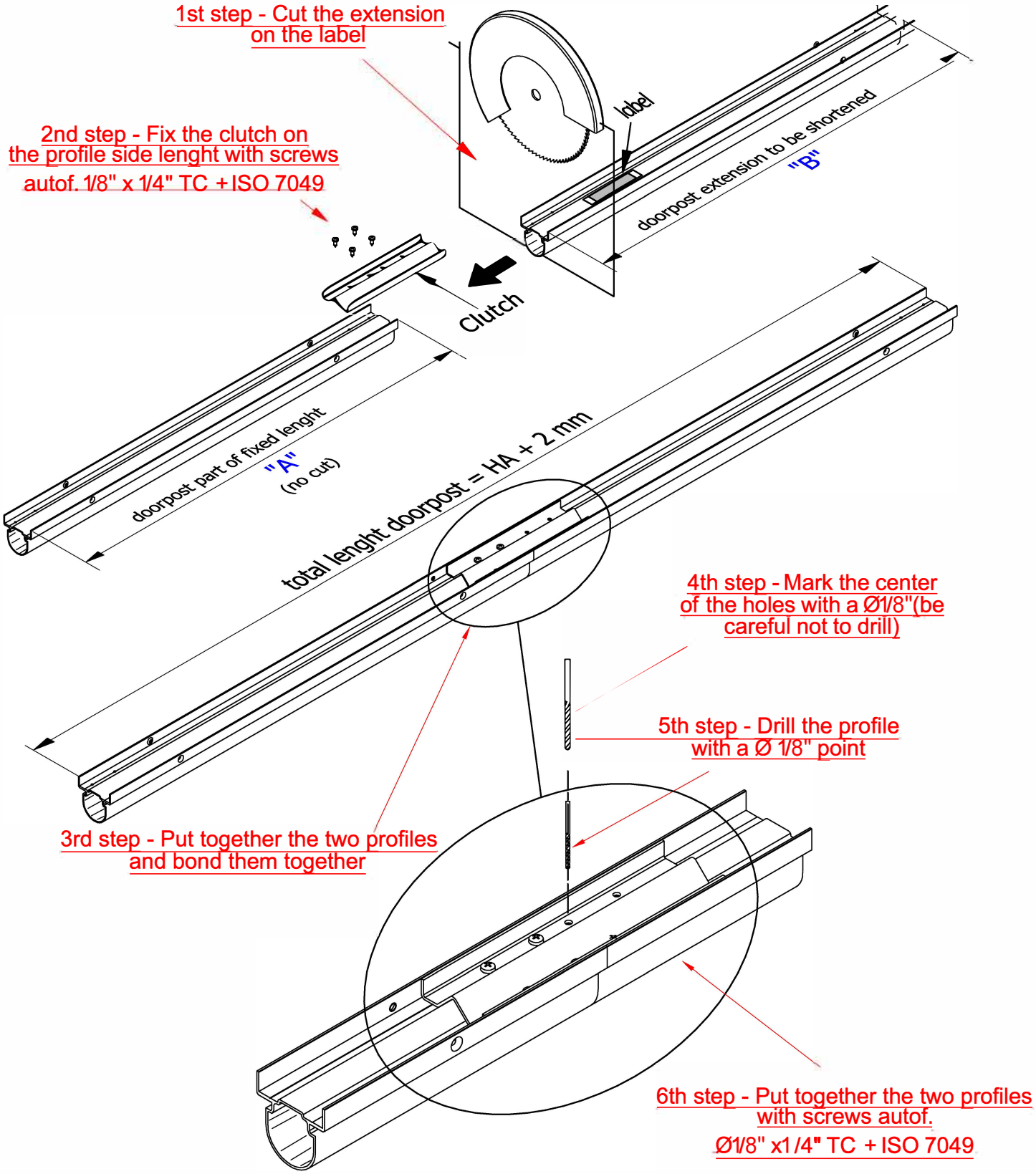





| LFM<br>WALL HOLE WIDTH | LB<br>TRACK LENGTH |
|---|---|
| 27 9/16" | 26 7/16" |
| 28 9/16" | 27 3/8" |
| 29 1/2" | 28 3/8" |
| 30 1/2" | 29 3/8" |
| 32 1/2" | 31 5/16" |
| 34 7/16" | 33 5/16" |
| 36 7/16" | 35 1/4" |
| 38 3/8" | 37 1/4" |
| **LB = LFM - 1 1/8"** | |

## ROD KIT SHORTNABLE

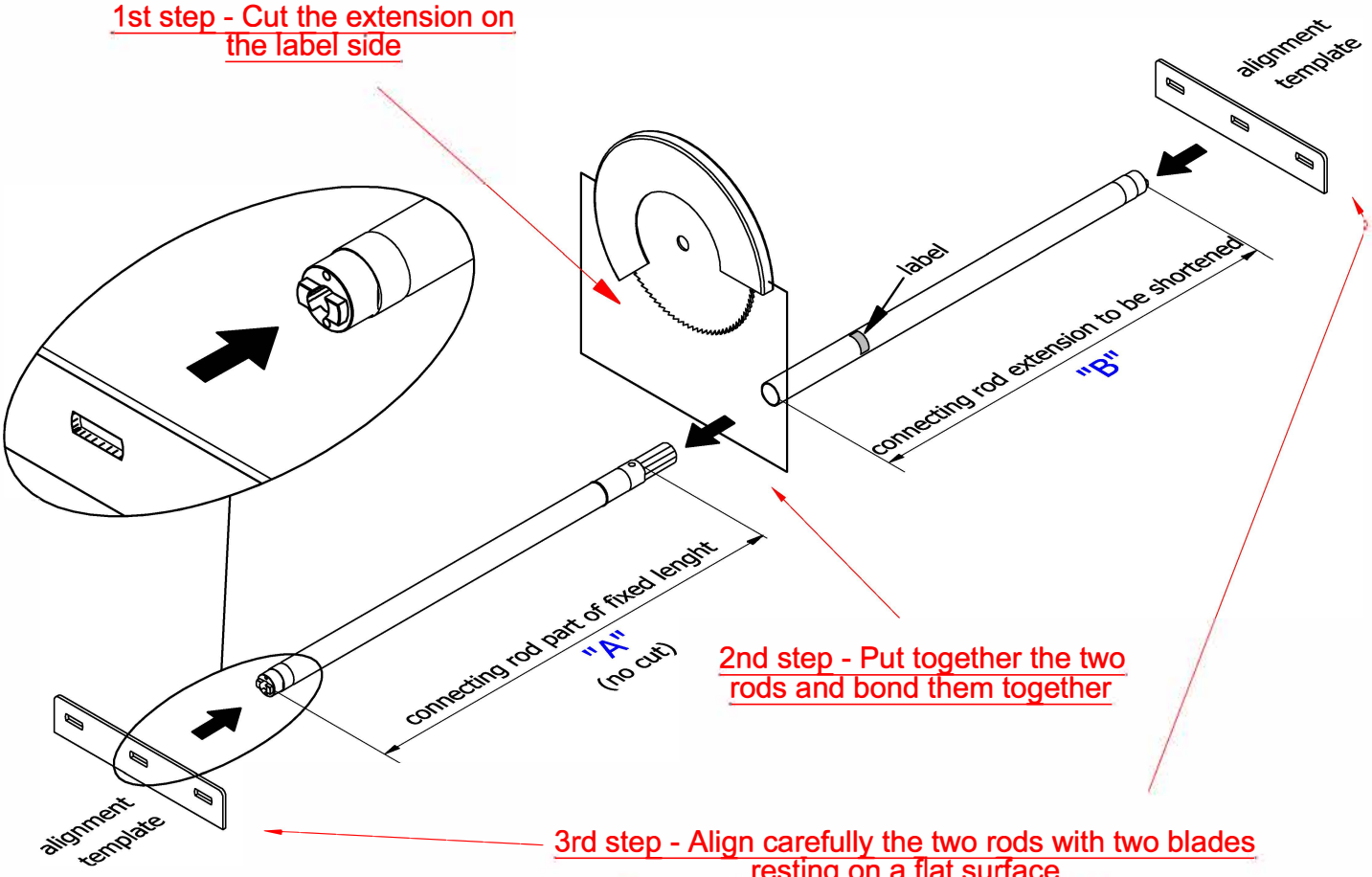
CUTTING OF THE DOORPOST FOR NOT STANDARD HEIGHTS

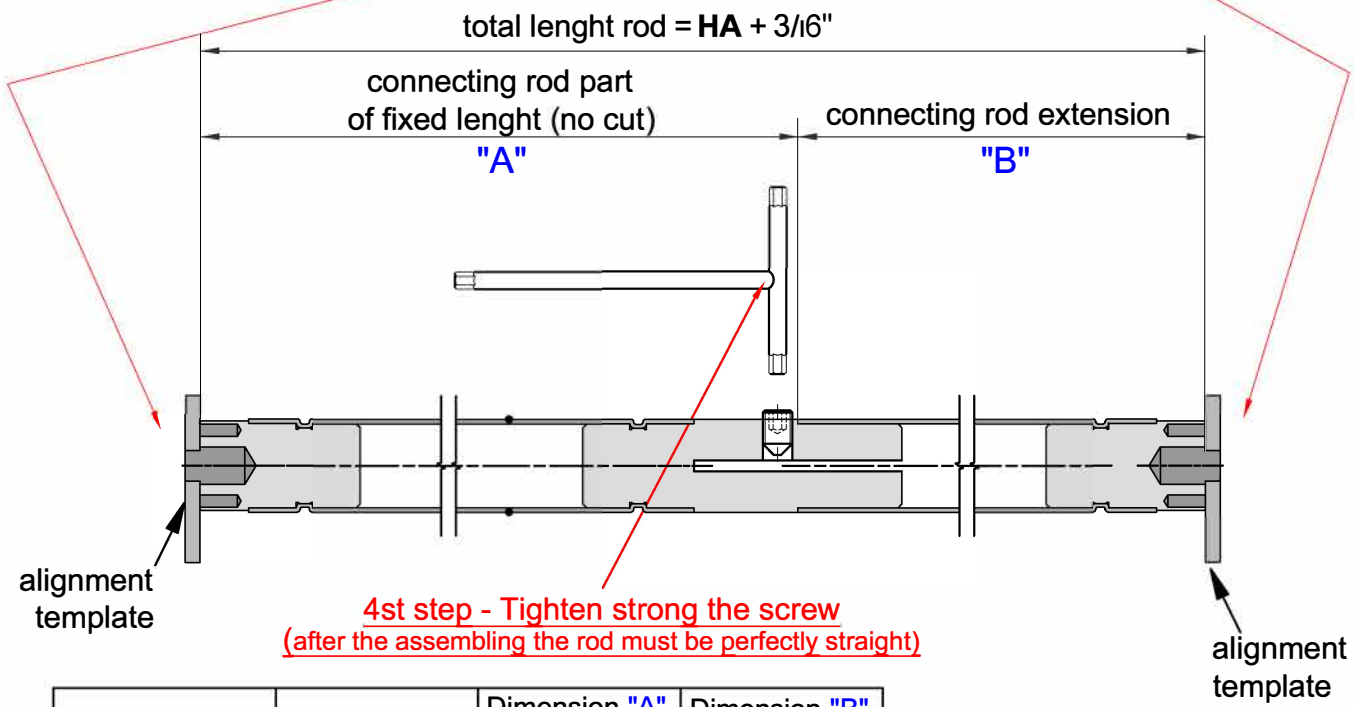



| Item nr. | HP max | Dimension "A" fixed lenght | Dimension "B" to be shortnable | |
|---|---|---|---|---|
| 720250CP | 98 7/16" | 48 15/16" | HA - 48 7/8" | Available on stock |
| 720300CP | 118 1/8" | 58 3/4" | HA - 58 11/16" | Available on request |

## ROD KIT SHORTNABLE

### CUTTING OF THE CONNECTING ROD FOR NOT STANDARD HEIGHTS

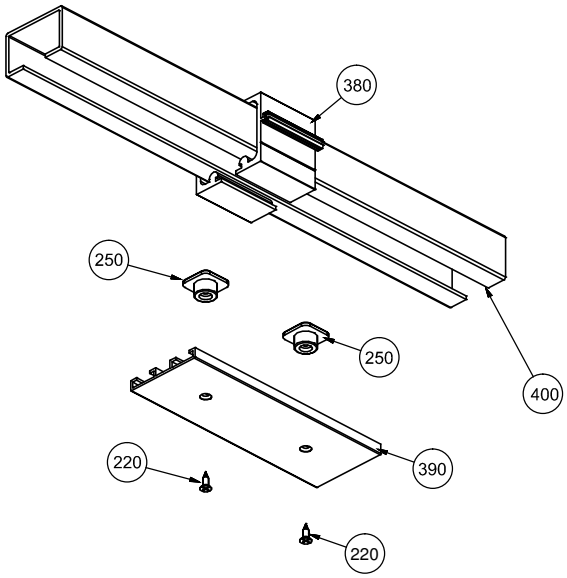



| Items nr. | HP max | Dimension "A" fixed lenght | Dimension "B" to be shortened | |
|---|---|---|---|---|
| 720250CP | 98 7/16" | 49 9/16" | HA - 49 3/8" | Available on stock |
| 720300CP | 118 1/8 | 59 3/8" | HA - 59 1/4" | Available on request |

## KIT UNION TRACKS FOR DOOR WITH TWO DOOR LEAVES WITH ERGON LIVING SYSTEM

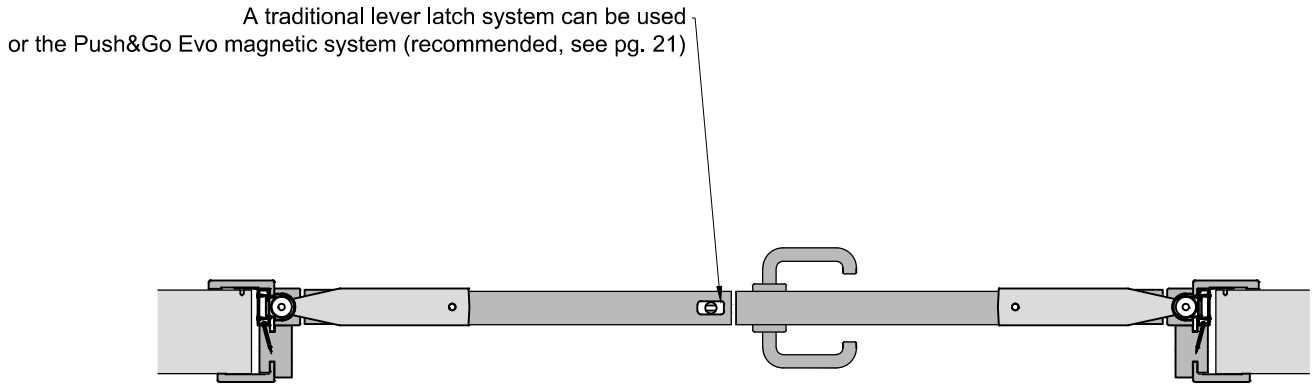
1




Item number 564000

| Part list | | |
|---|---|---|
| rif. | q.ty | DESCRIPTION |
| 220 | 1 | Screw TSPcr Ø 1/8" x 3/8" |
| 250 | 2 | Track cover installation insert |
| 380 | 1 | Track extension |
| 390 | 1 | Track cover extension |
| 400 | 1 | Track graft junction |

2




N.B.: for the limits of the wall thickness see page 10 in this manual.

**LFM** minimum 63" with BASE arm, with "Soft Opening" **LFM** minimum 66 15/16"

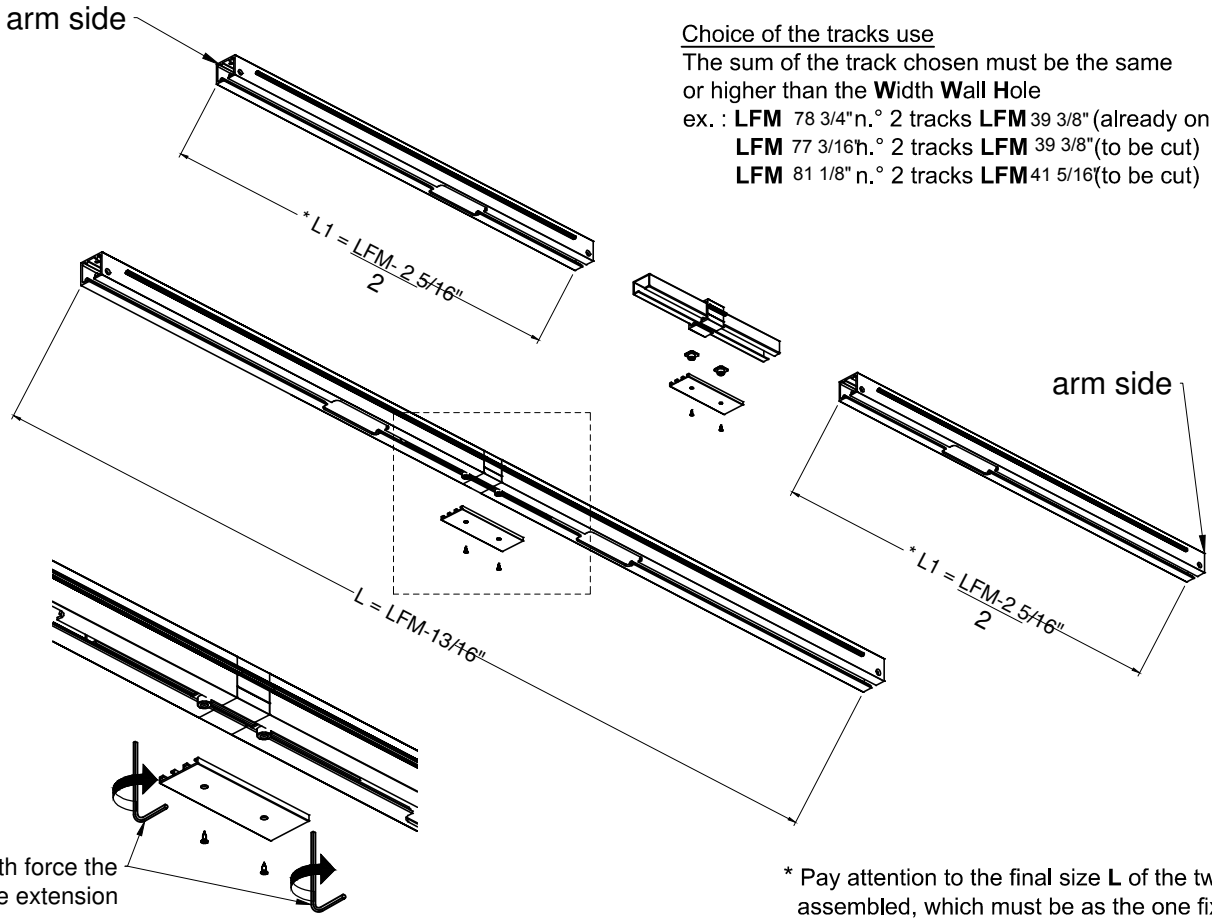
**LFM** minimum 55 1/8" with SMALL arm, with "Soft Opening" **LFM** minimum 59 1/16"

**LFM** minimum 90 9/16" with LARGE arm, with "Soft Opening" **LFM** minimum 90 9/16"

For dimensions smaller than those indicated, contact Celegon S.r.l.

## KIT UNION TRACKS FOR DOOR WITH TWO DOOR LEAVES WITH ERGON LIVING SYSTEM

3

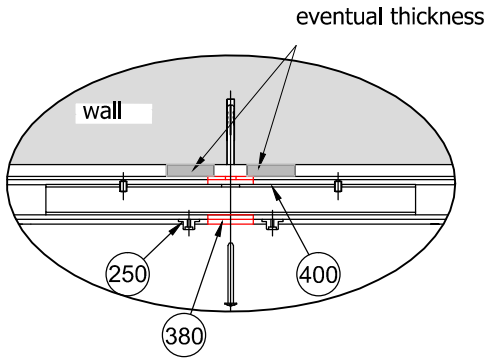


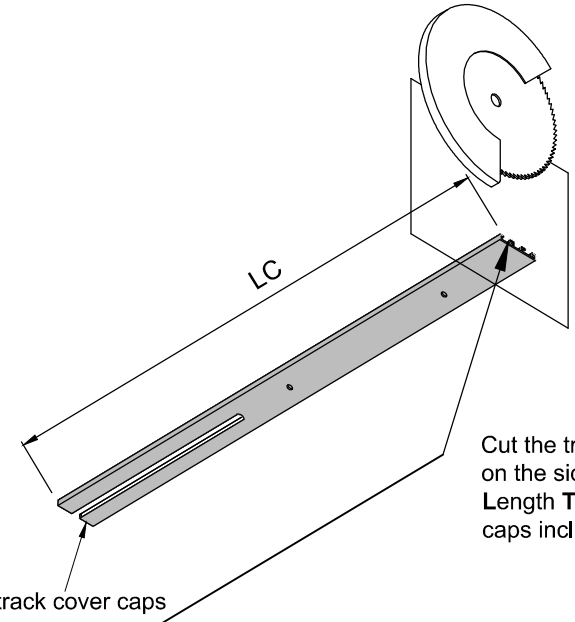

Choice of the tracks use
The sum of the track chosen must be the same or higher than the **W**idth **W**all **H**ole
ex. : **LFM** 78 3/4" n.° 2 tracks **LFM** 39 3/8" (already on measure)
**LFM** 77 3/16" n.° 2 tracks **LFM** 39 3/8" (to be cut)
**LFM** 81 1/8" n.° 2 tracks **LFM** 41 5/16" (to be cut)

* Pay attention to the final size **L** of the two tracks assembled, which must be as the one fixed.

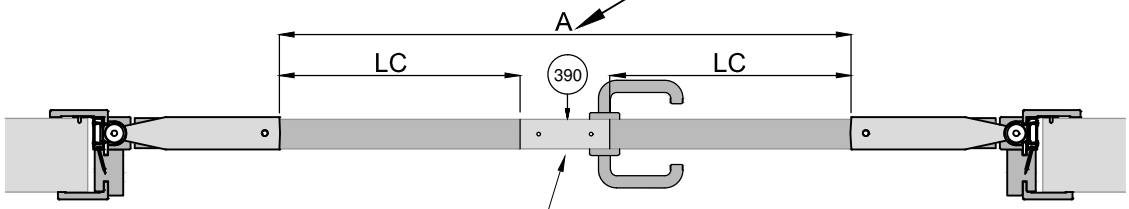
4

Fix properly the track to the upper wall through the hole you see on the track extension (380)
Before installing the doors be sure that internal track are clean.



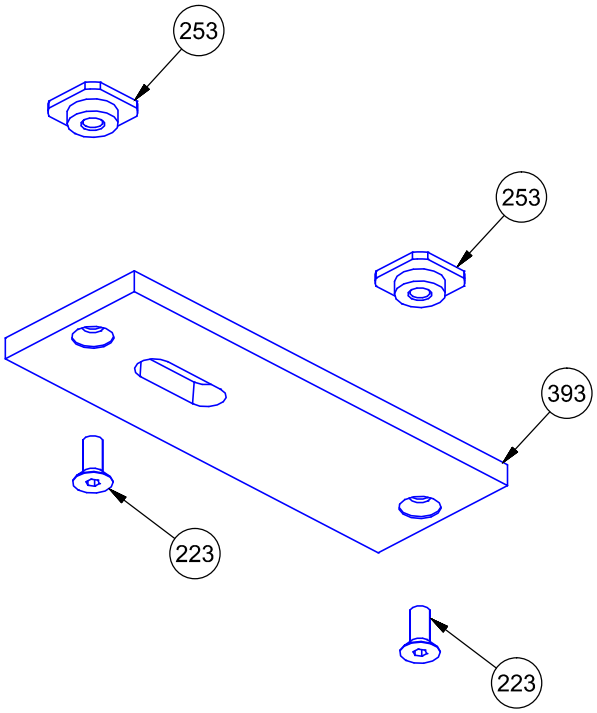

Cut the track cover profil on the side shown
**L**ength **T**rack **C**over caps included **LC** = A - 5 1/4" / 2




Create the opening to block the secondary door for the traditional latch,
OR
For the Push&Go EVO system use the dedicated kit, see next page.

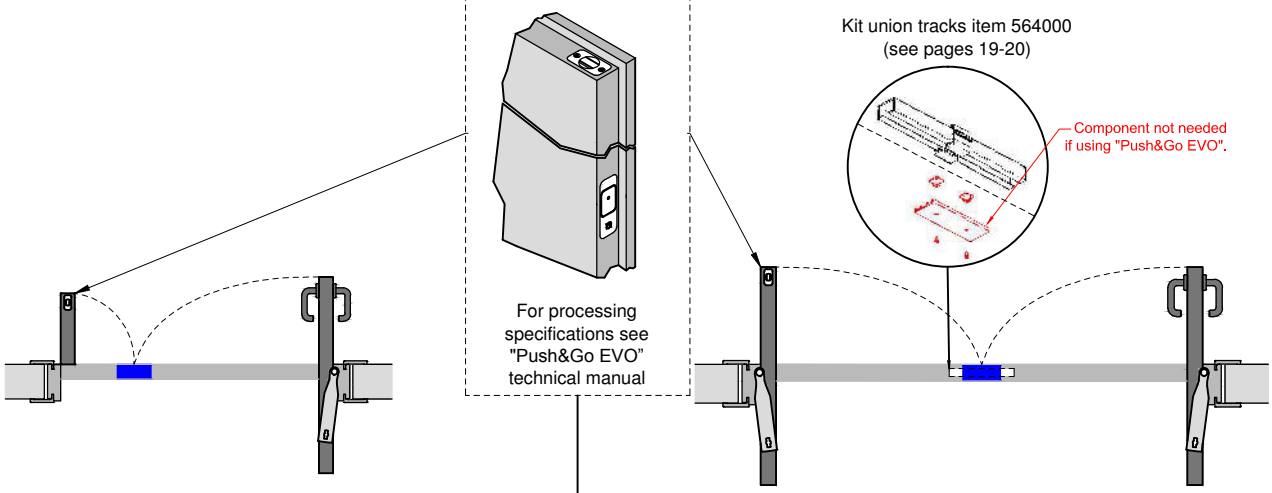
## MAGNETIC STRIKER PLATE FOR "Push&Go EVO"

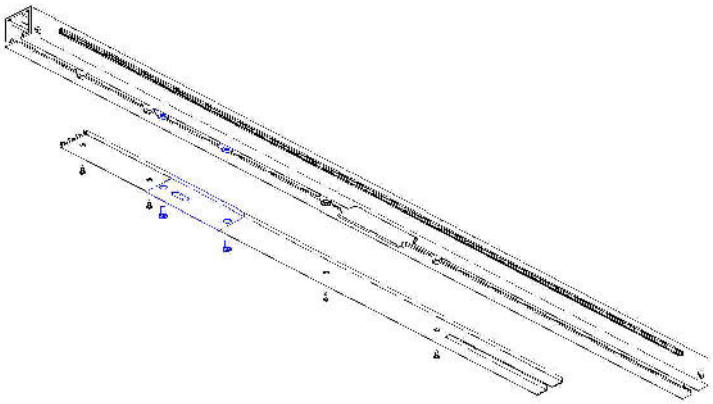
For use with double door leaves with Ergon Living system.

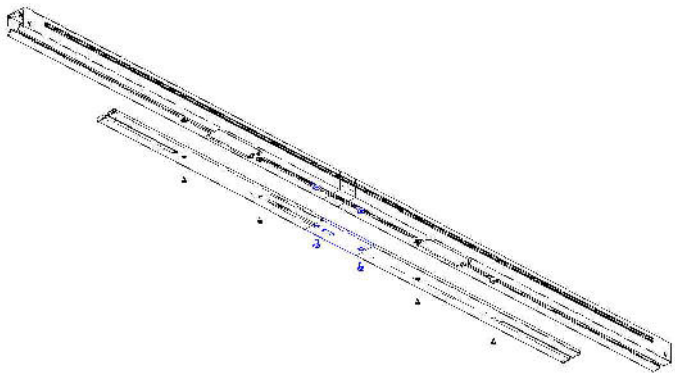



Silver item number 4150IA
Black item number 4150IN

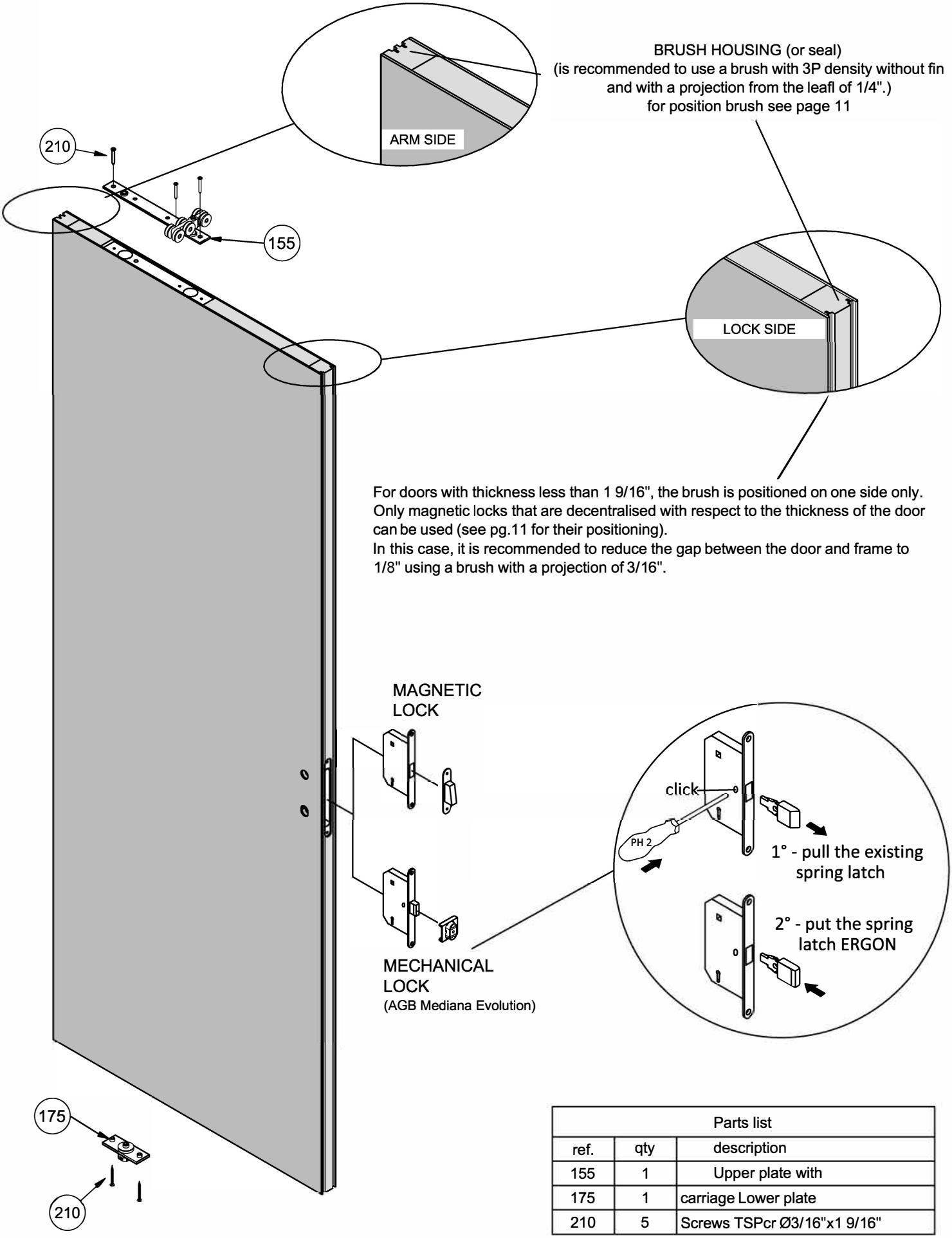
| ref. | qty | Parts list |
|---|---|---|
| 223 | 1 | Screw TSPEI M 3/16" x 1/2" |
| 253 | 1 | Plate fixing insert |
| 393 | 1 | Magnetic striker plate |





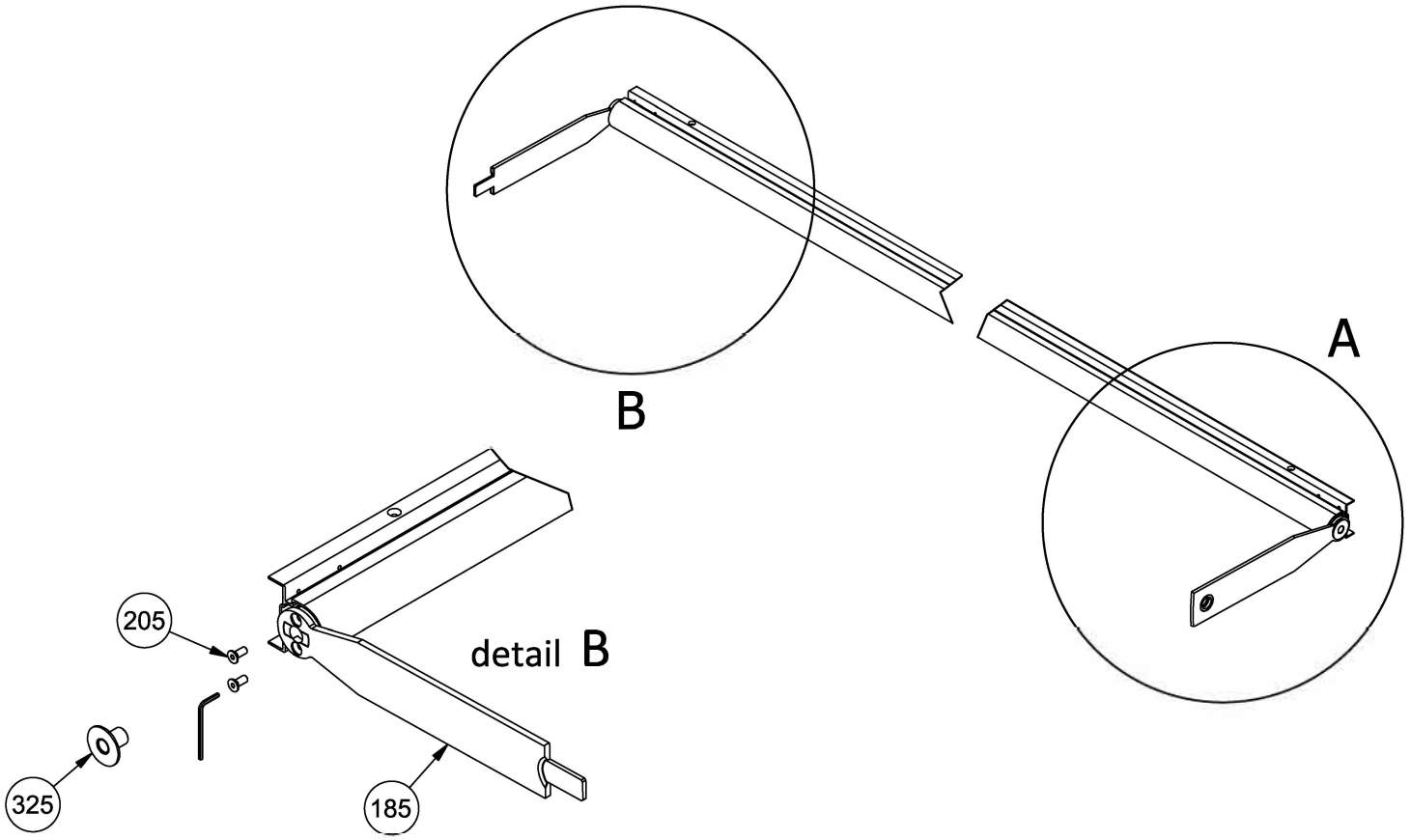
## ASSEMBLING THE HARDWARE IN THE DOOR LEAF

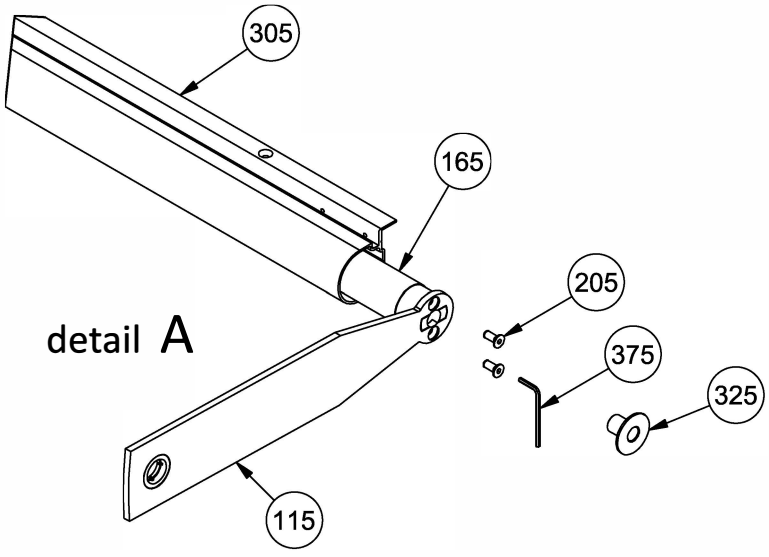



| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 155 | 1 | Upper plate with |
| 175 | 1 | carriage Lower plate |
| 210 | 5 | Screws TSPcr Ø3/16"x1 9/16" |

## ASSEMBLING CONNECTING ROD WITH UPPER AND LOWER ARM

Install the upper and lower arms into the rod which is already inside the aluminium profile and mind the alignment, when you insert the brasses be careful to the kingpins on the bearing brasses: they must be inserted in the screws' hexagons.



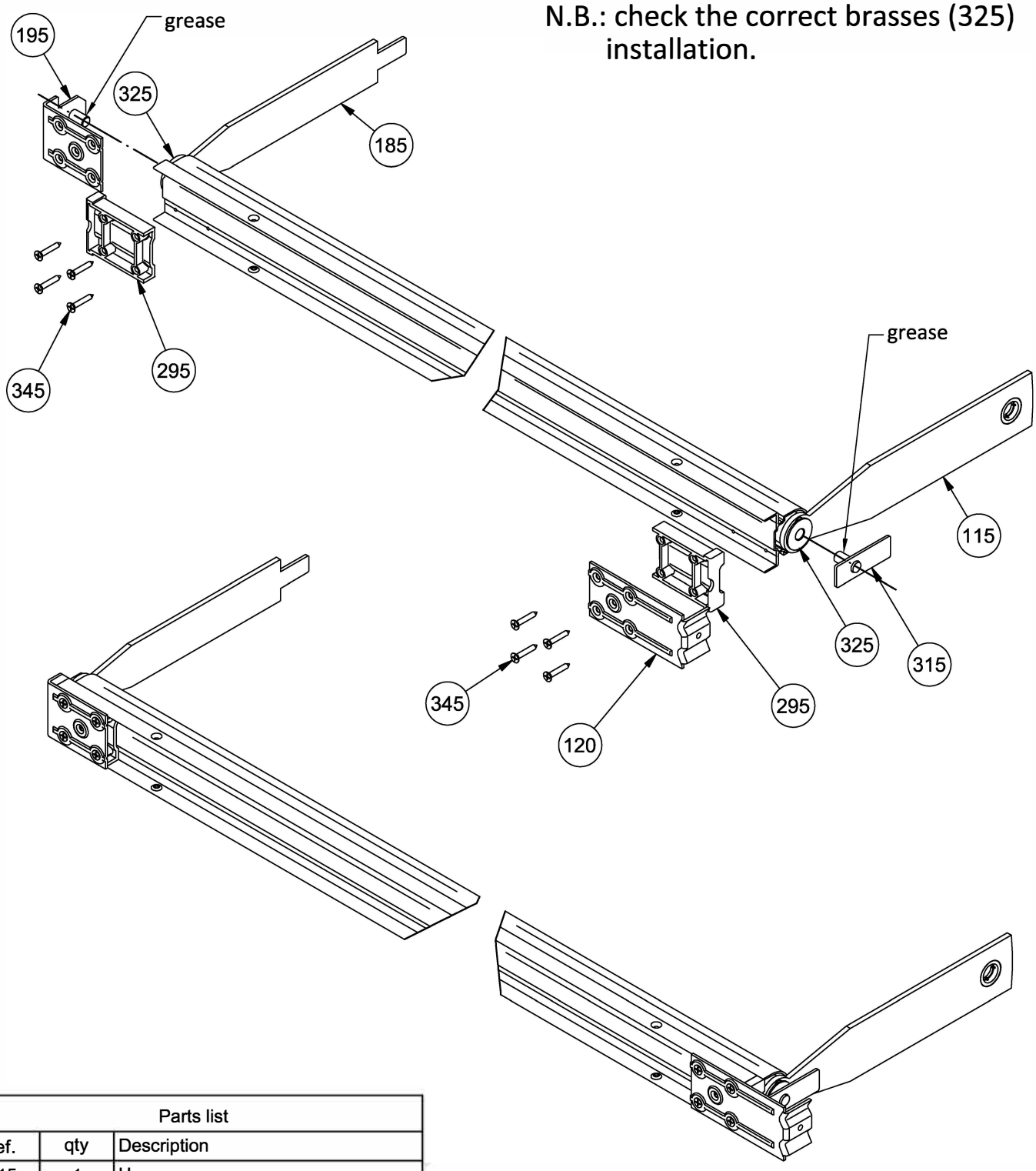

**Attention!**

Tighten firmly the screws (205) with a hexagonal spanner 1/8". Make sure that the arm adheres to the pin plate of the connecting rod.

| Parts list | | |
|---|---|---|
| ref. | qty | Description |
| 115 | 1 | Upper arm |
| 165 | 1 | Connecting rod |
| 185 | 1 | Lower arm |
| 205 | 4 | Screw TSPei M3/16"x 3/8" - ISO |
| 305 | 1 | 10642 Doorpost |
| 325 | 2 | Rod rotation brass |
| 375 | 1 | Hexagonal key 1/8" |

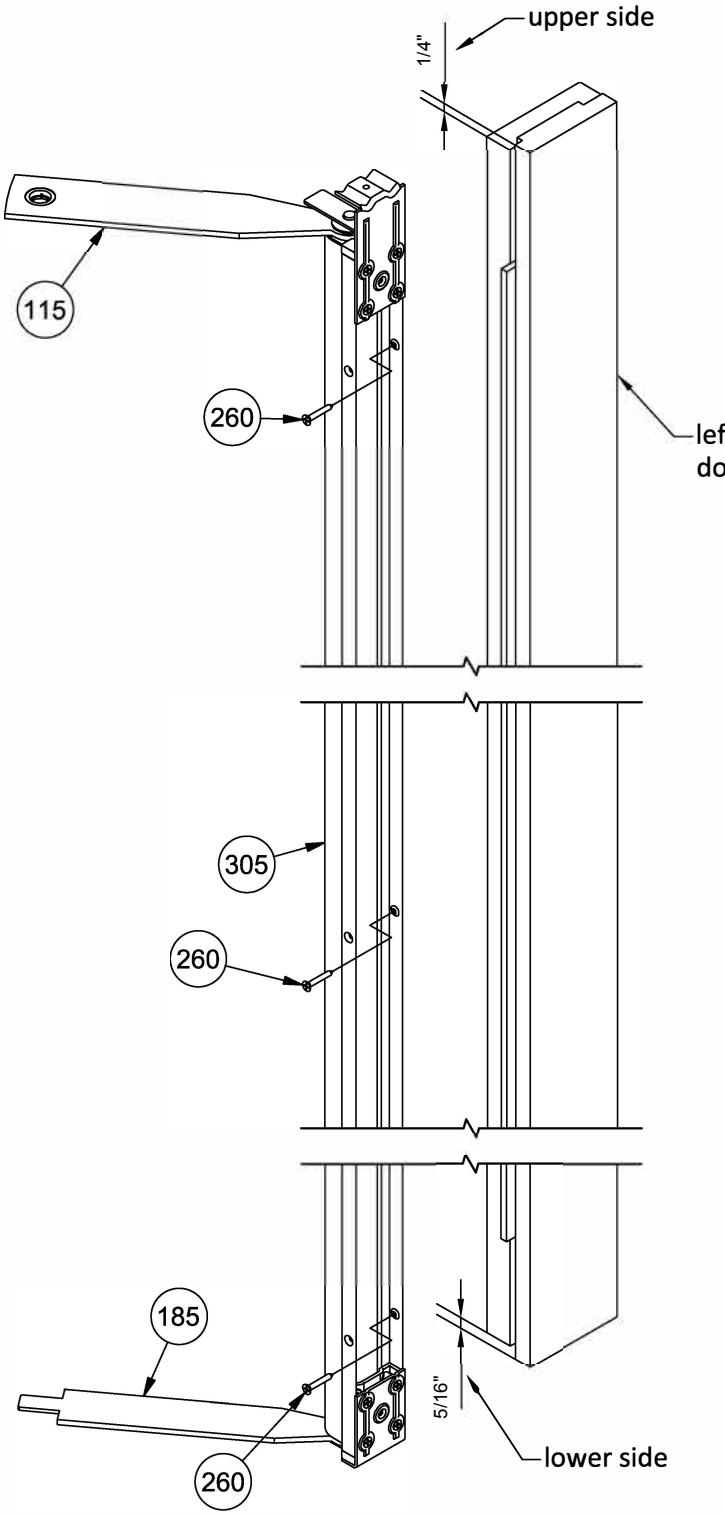
# ASSEMBLY OF CONNECTING ROD WITH HINGE-SIDE BRACKET

N.B.: check the correct brasses (325) installation.

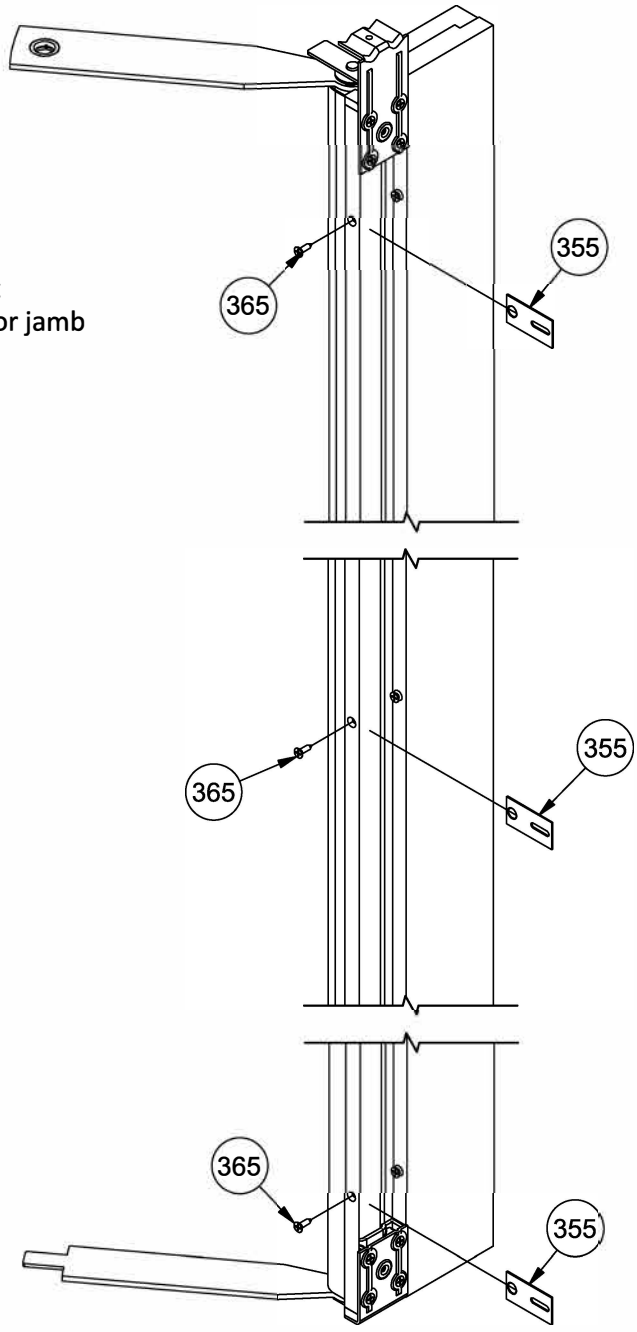



| Parts list | | |
|---|---|---|
| ref. | qty | Description |
| 115 | 1 | Upper arm |
| 120 | 1 | Hinge-side bracket |
| 185 | 1 | Lower arm |
| 195 | 1 | Lower Bracket Spacer |
| 295 | 2 | Upper pivot |
| 315 | 1 | Rod rotation brass |
| 325 | 2 | Screw TSPcr 01/8"x7/8" |
| 345 | 8 | |

## ASSEMBLY THE DOORPOST TO HINGE-SIDE DOOR JAMB




assembling door jamb

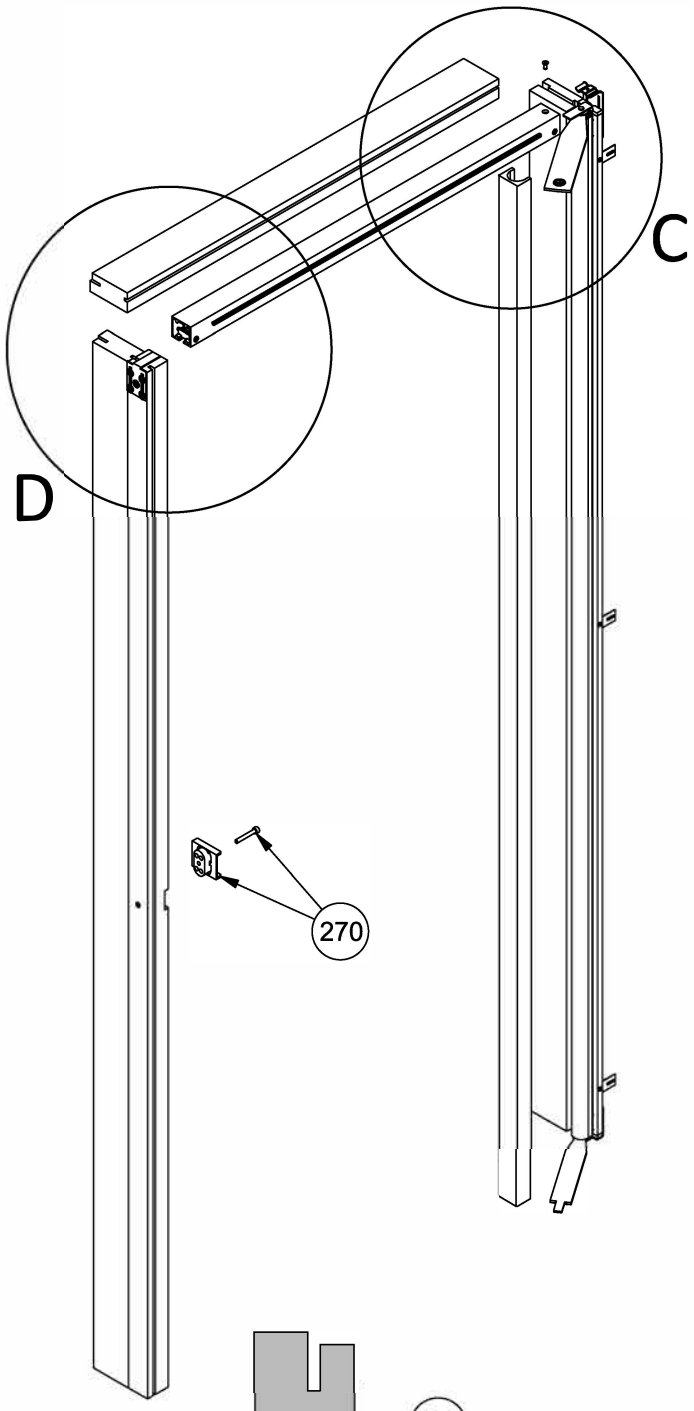



assembling fixing clamp

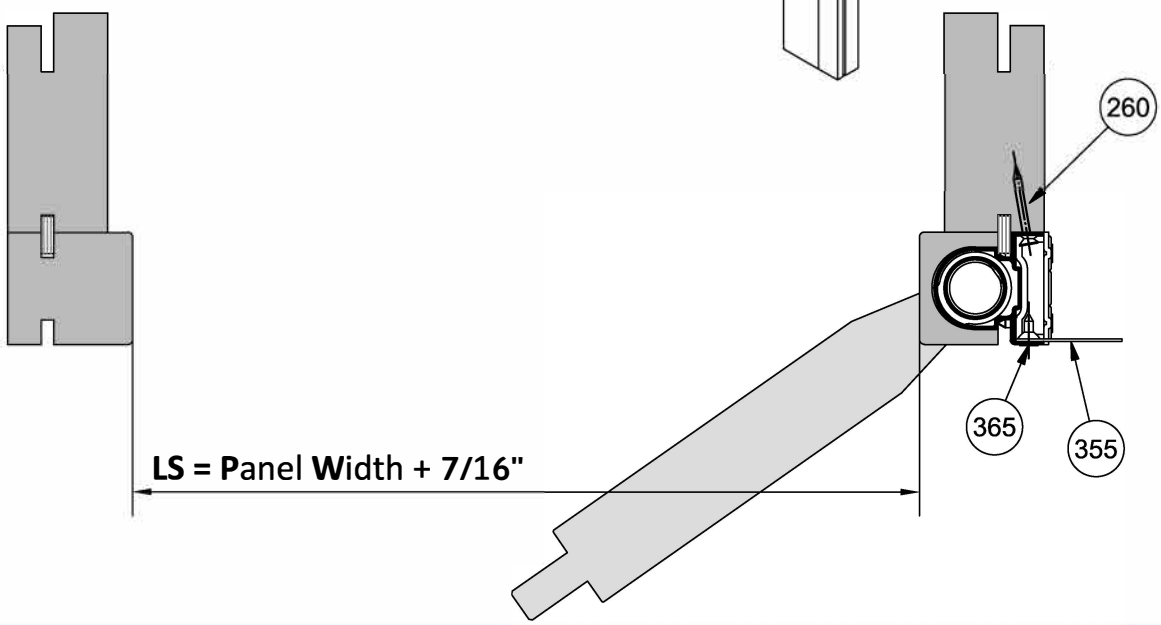
| Parts list | | |
|---|---|---|
| ref. | qty | Description |
| 115 | 1 | Upper arm |
| 185 | 1 | Lower arm |
| 260 | 3 | Screw TSPcr Ø1/8"x1 3/16" - DIN |
| 305 | 1 | 7505-A Doorpost |
| 355 | 3 | Fixing clamp |
| 365 | 3 | Screw TSPcr Ø1/8"x1/2" - ISO 7050 |

## ASSEMBLY FRAME TO TRACK

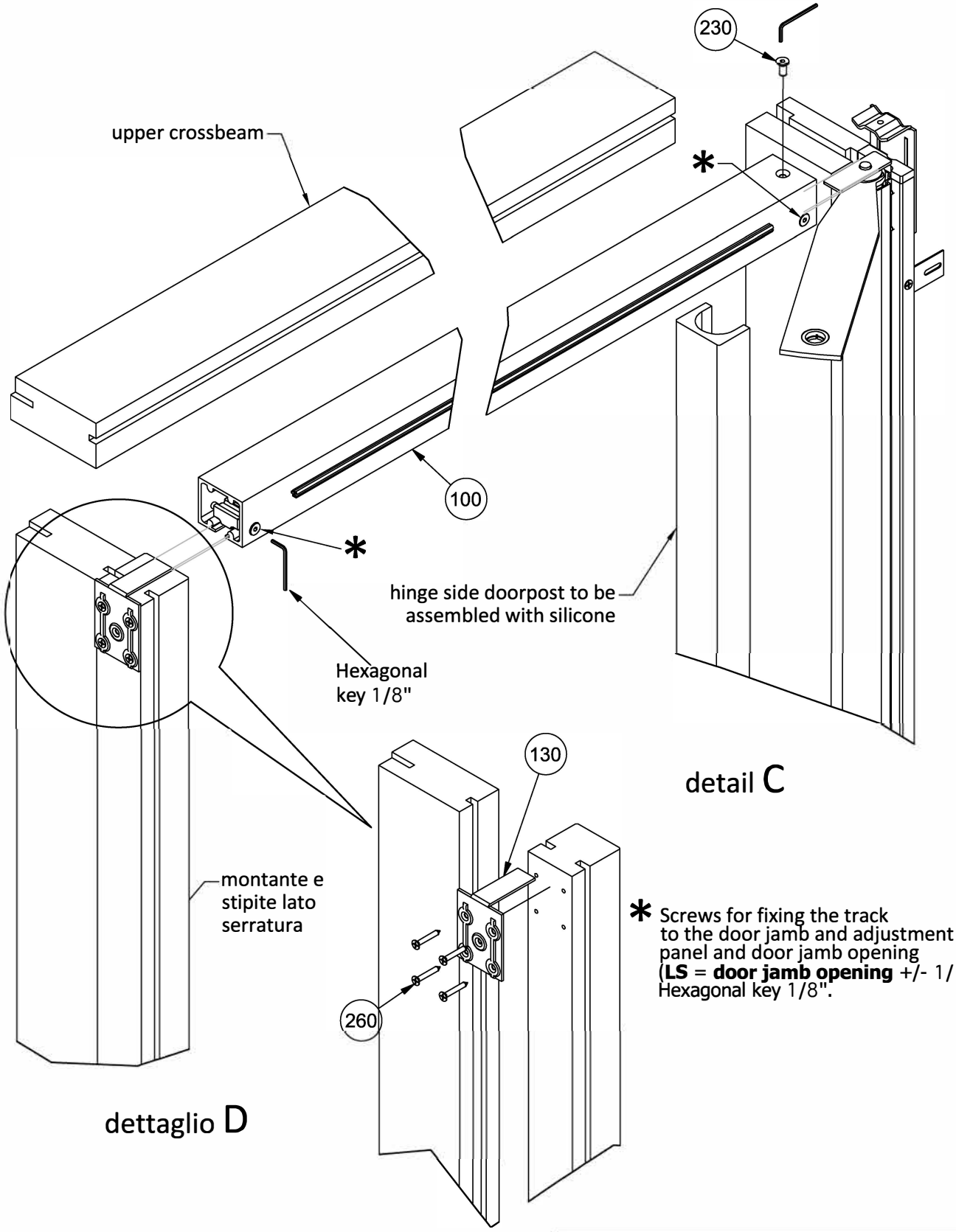
N.B. Details C-D
see pages 27




| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 260 | 3 | Screw TSPcr Ø1/8"x"1 3/16"- DIN |
| 270 | 1 | 7505-A Set for lock mediana |
| 355 | 3 | evolution Fixing clamp |
| 365 | 3 | Screw TSPcr Ø1/8"x1/2" - ISO 7050 |



## ASSEMBLY FRAME TO TRACK

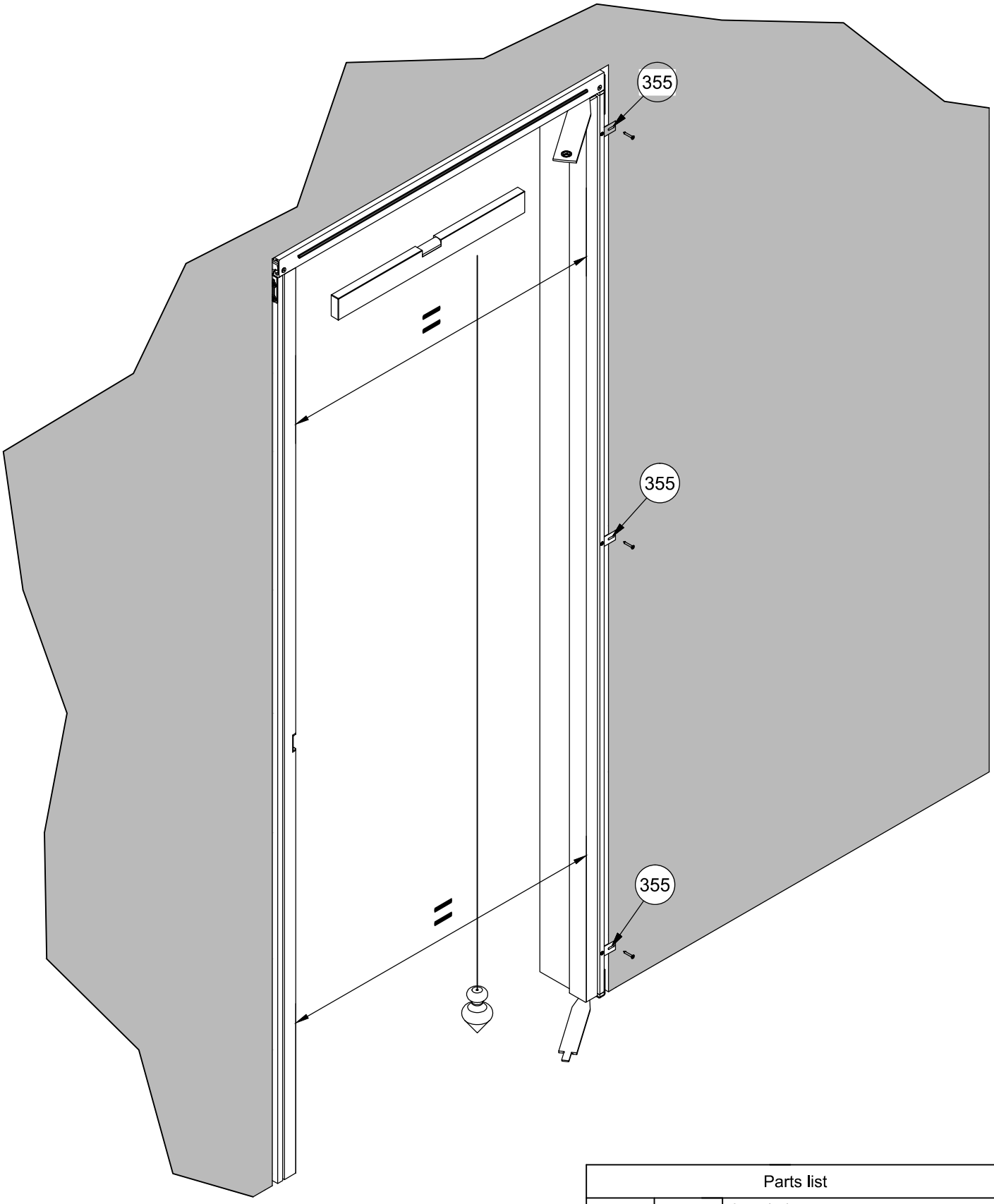



* Screws for fixing the track to the door jamb and adjustment panel and door jamb opening (**LS** = **door jamb opening** +/- 1/16") Hexagonal key 1/8".

| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 100 | 1 | Track |
| 130 | 1 | Lock-side bracket |
| 230 | 1 | Screw TSPei M3/16"x1/2" - ISO |
| 260 | 4 | 10642 Screws TSPcr Ø3/16"x1 3/16" - DIN 7505-A |

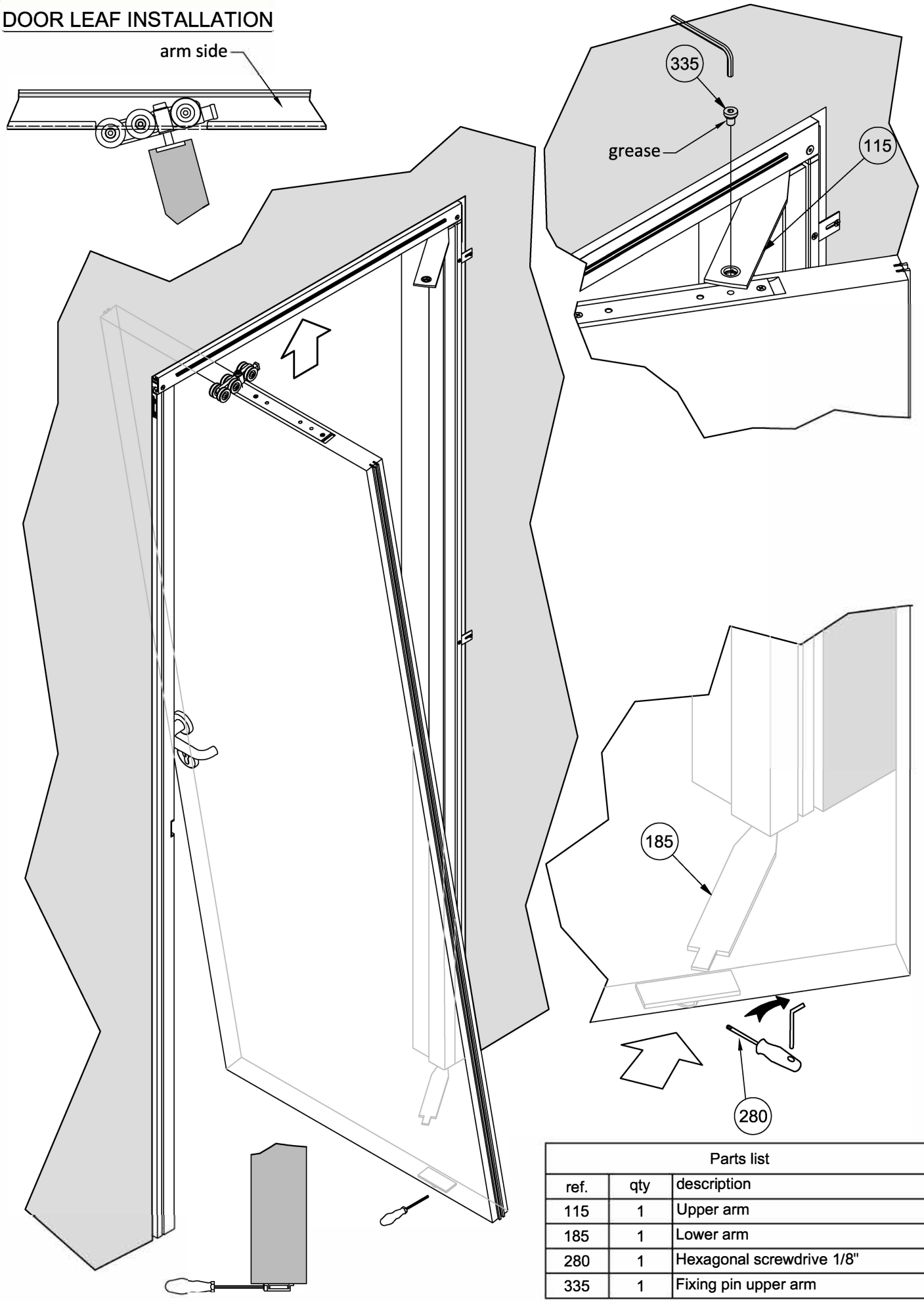
## COMPLETE DOOR JAMB INSTALLATION

N.B. The levelling of the track and the plumb of the door jambs must be precise.



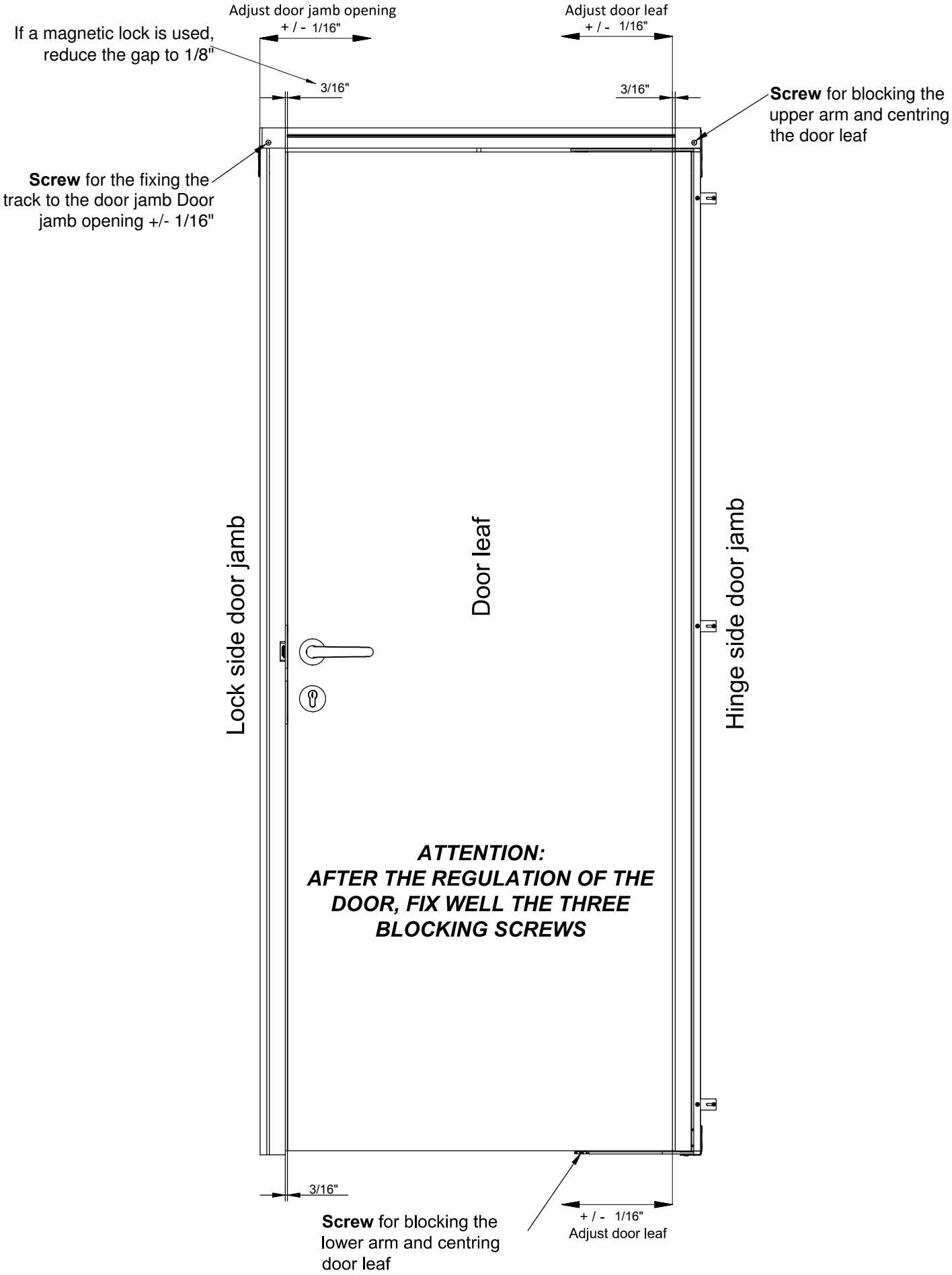

| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 355 | 3 | Fixing clamp |

## DOOR LEAF INSTALLATION

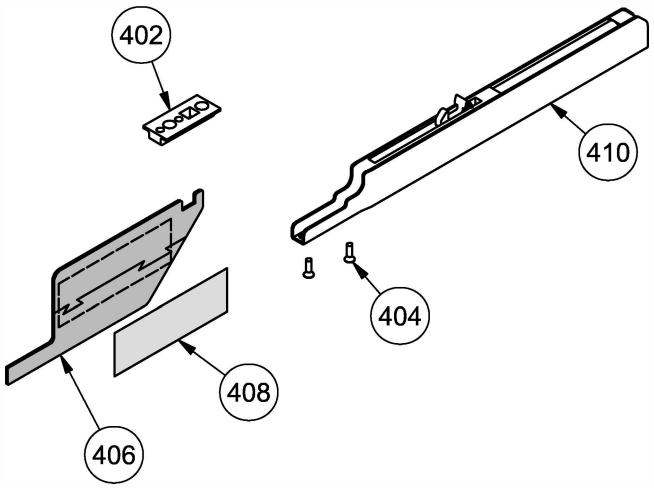



| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 115 | 1 | Upper arm |
| 185 | 1 | Lower arm |
| 280 | 1 | Hexagonal screwdrive 1/8" |
| 335 | 1 | Fixing pin upper arm |

## ADJUSTING DOOR LEAF AND DOOR JAMB



## "SOFT OPENING" INSTALLATION (OPTIONAL)

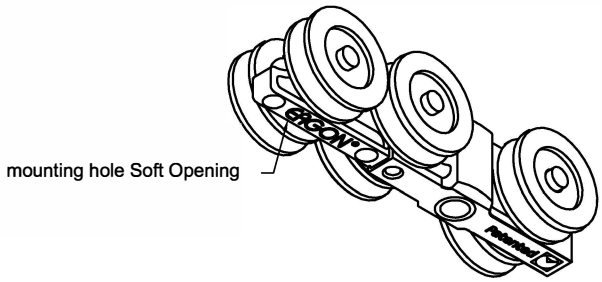


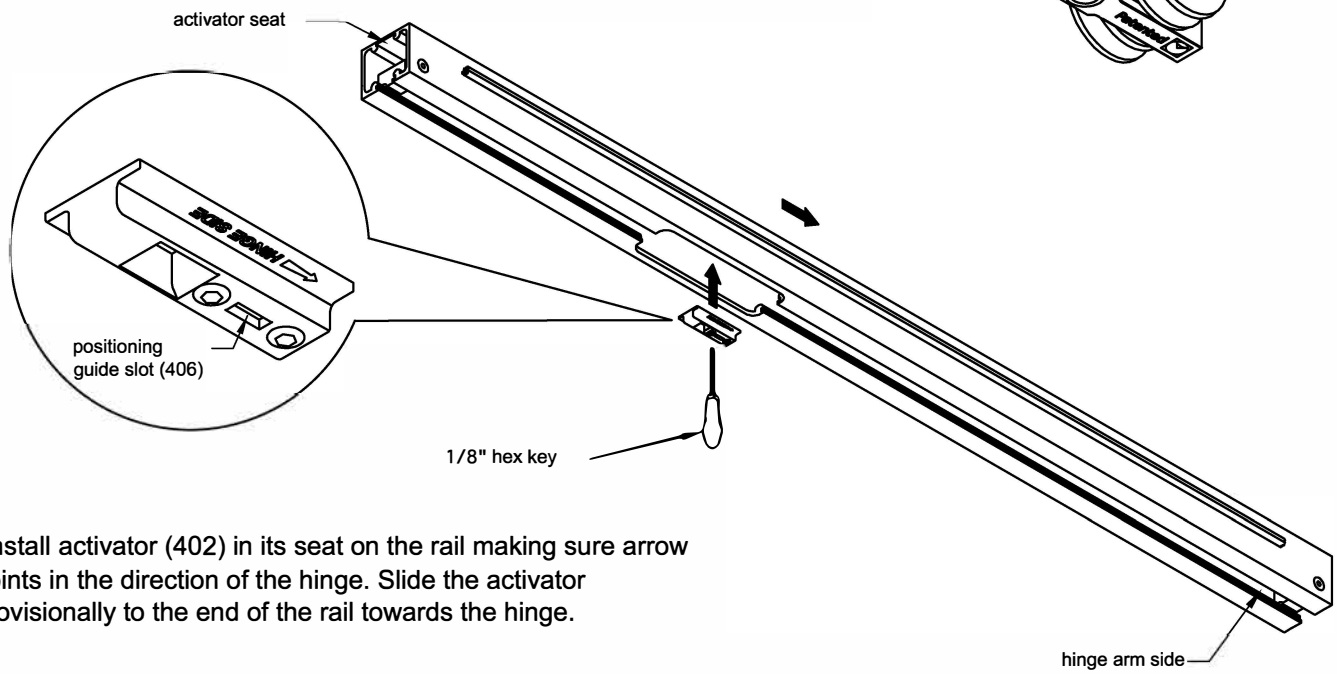

| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 402 | 1 | Activator |
| 404 | 2 | Screw TSP+ M1/8"x5/16 - ISO |
| 406 | 1 | 7046 Activator positioning |
| 408 | 1 | template Sticker |
| 410 | 1 | Soft Opening |

## Installation

1) Assemble jambs and trackand fix to wall.

2) Ensure that the wheel unit is equipped with Soft Opening mounting hole.



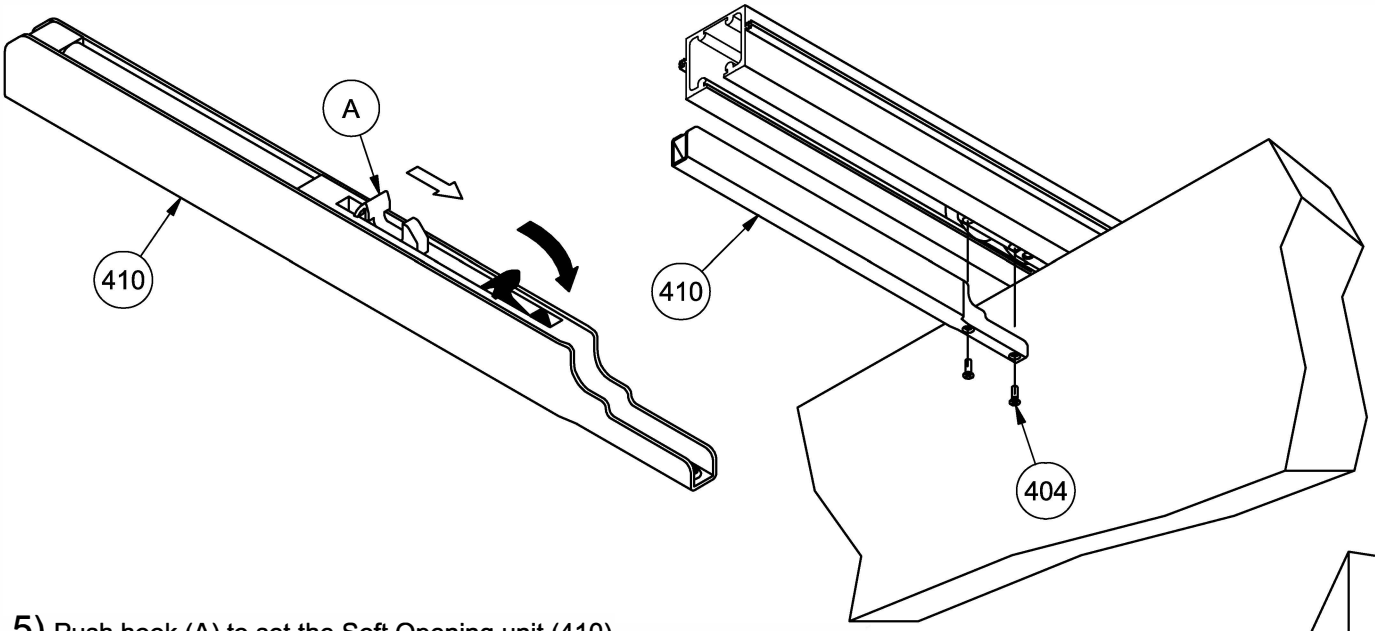




3) Install activator (402) in its seat on the rail making sure arrow points in the direction of the hinge. Slide the activator provisionally to the end of the rail towards the hinge.

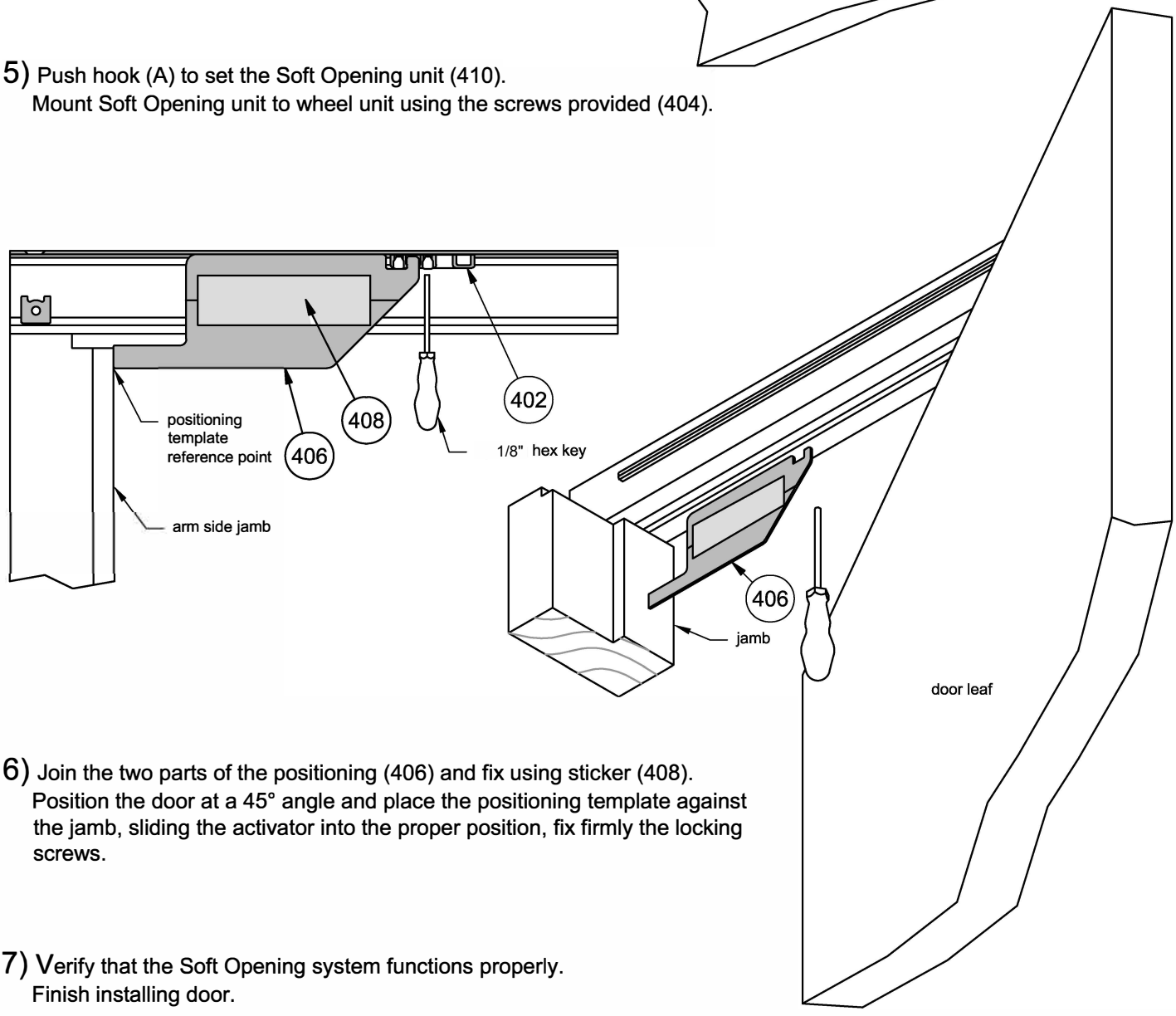
4) Hang the door and mount the hinge arm. Adjust the door normally and open it all the way.

N.B. If the door is already installed, remove the track cover and then install the activator in its seat on the rail.

## "SOFT OPENING" INSTALLATION (OPTIONAL)



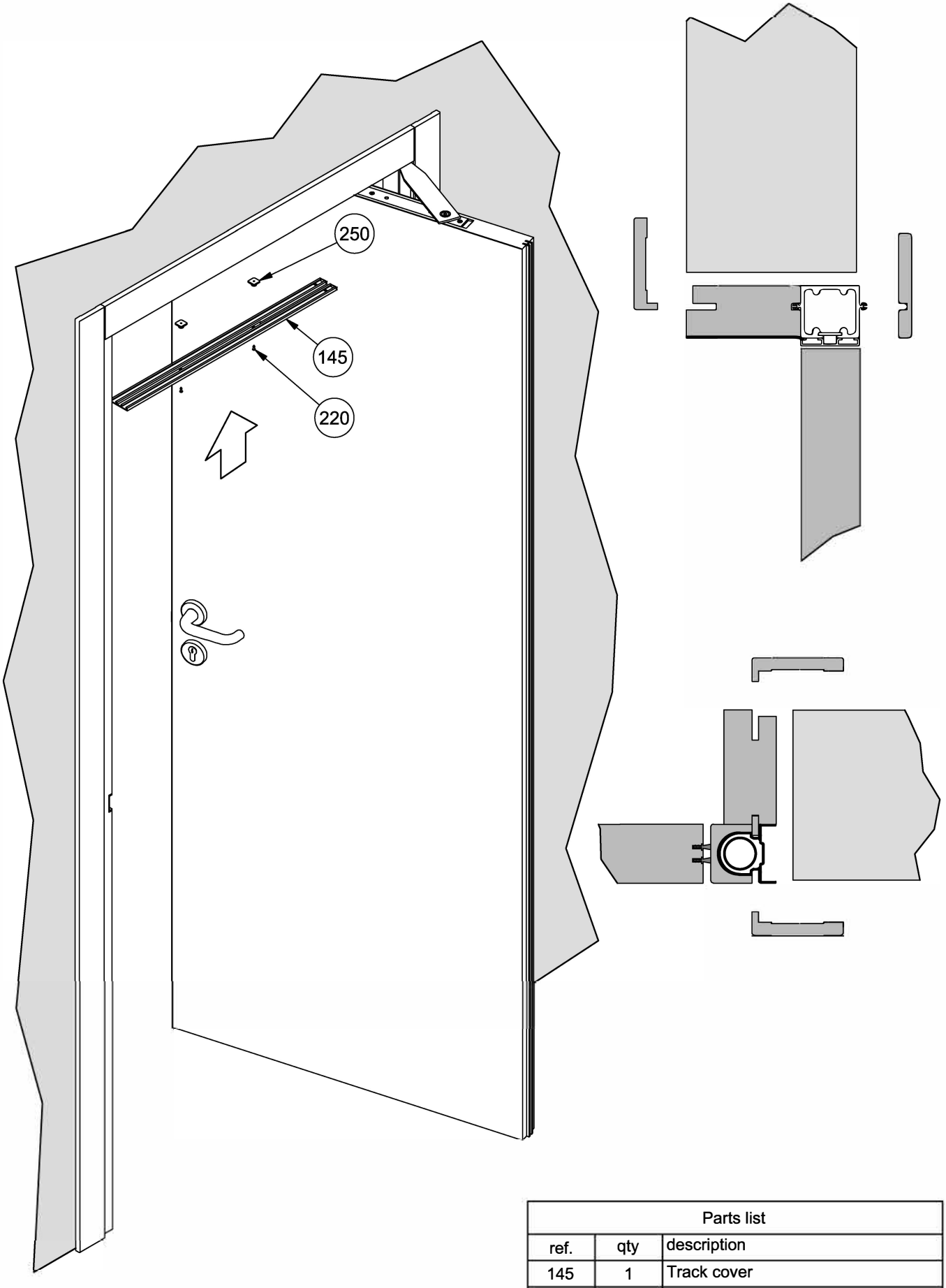

5) Push hook (A) to set the Soft Opening unit (410).
Mount Soft Opening unit to wheel unit using the screws provided (404).




6) Join the two parts of the positioning (406) and fix using sticker (408).
Position the door at a 45° angle and place the positioning template against the jamb, sliding the activator into the proper position, fix firmly the locking screws.

7) Verify that the Soft Opening system functions properly.
Finish installing door.

## FRAME AND TRACK COVER INSTALLATION




| Parts list | | |
|---|---|---|
| ref. | qty | description |
| 145 | 1 | Track cover |
| 220 | 2 | Screw TSPcr Ø1/8"x3/8 - DIN 7505-A |
| 250 | 2 | Insert for cover track fixing |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