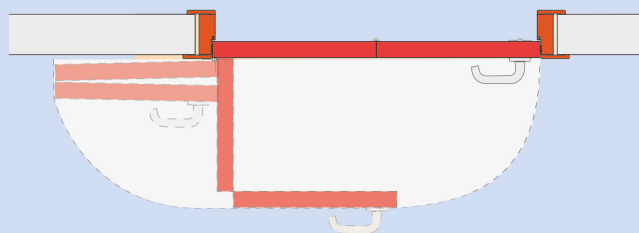
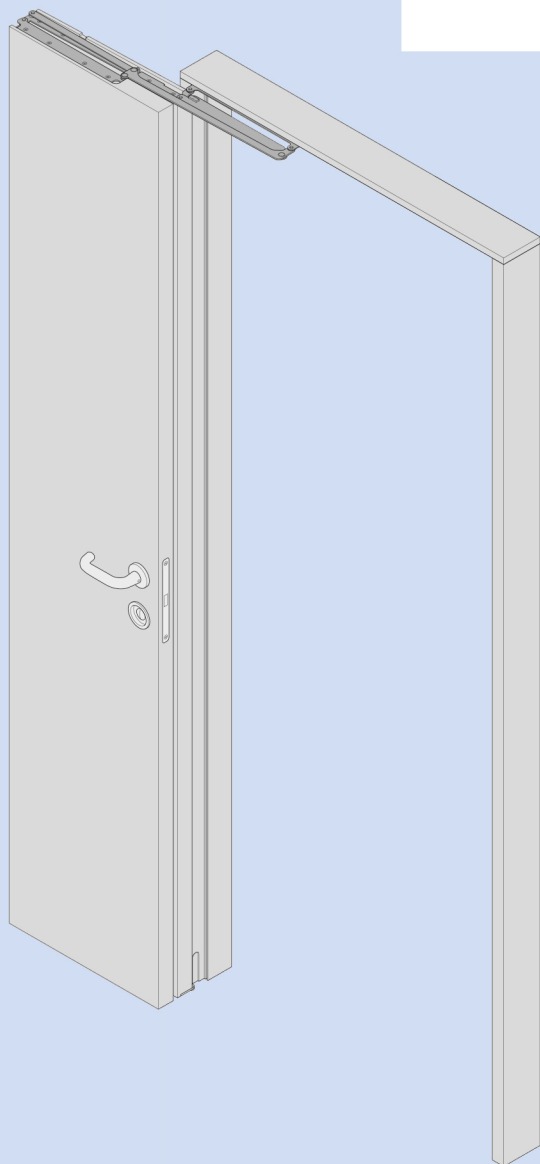


FOLDING SYSTEM



TECHNICAL MANUAL AND FITTING INSTRUCTIONS FOLDING 180° SYSTEM

COBURN SLIDING SYSTEMS LTD

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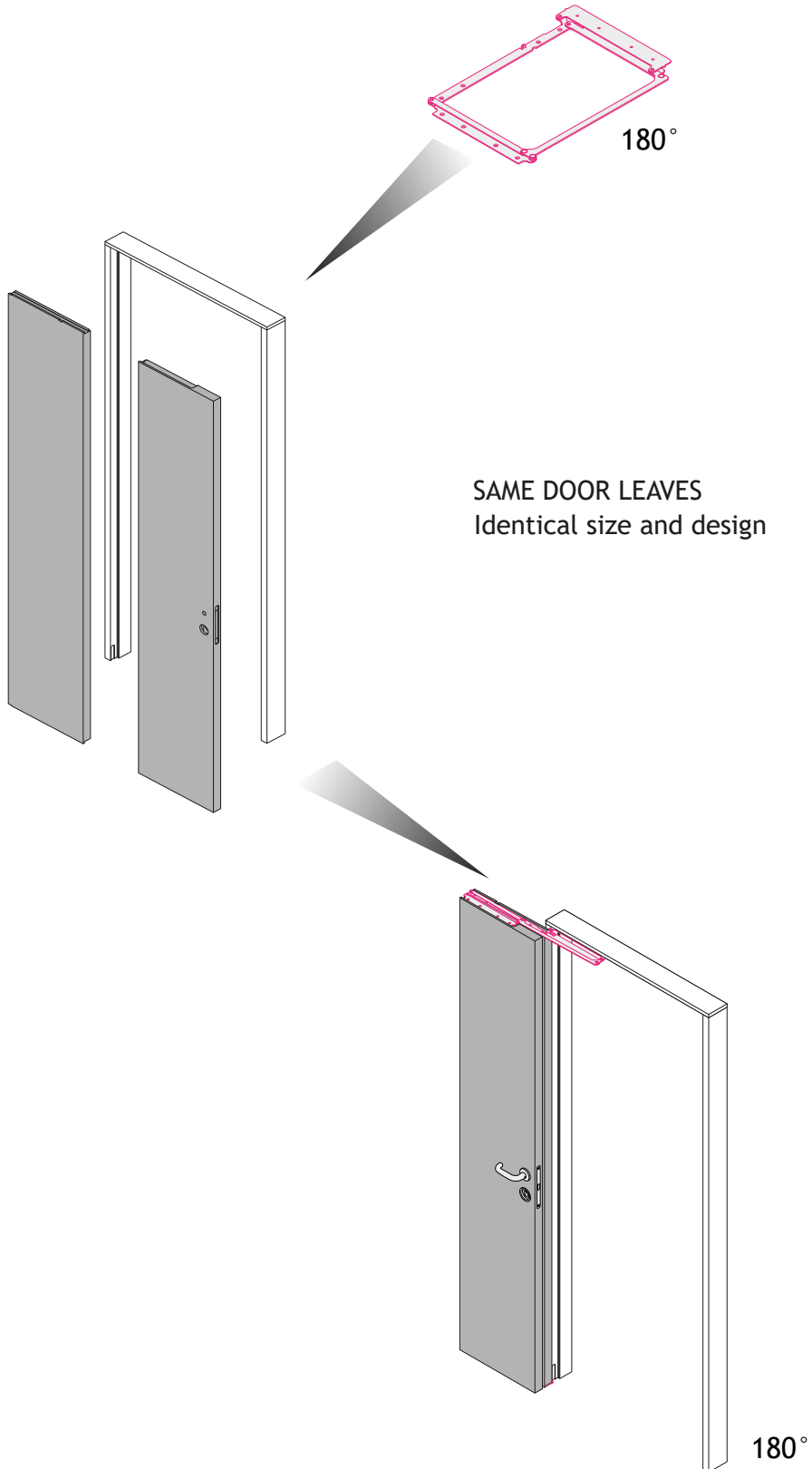
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1. COMPATIBILITY OF THE COBURN FOLDING SYSTEM



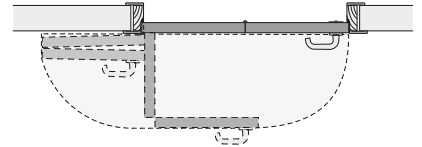
2. VARIANTS OF USE

To get the most out of the variants illustrated on this page, see the specifications for using the **COBURN lock** (see Section 7. SPECIAL Coburn folding magnetic lock).

- **Version 1**

- **Symmetric door leaves**

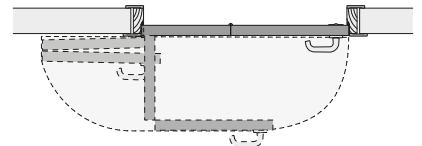
- By using the handle only on one side and the recessed handle on the other, is necessary to apply the magnetic lock **COBURN**.
Version possible with all available items RIGHT/LEFT.



- **Version 2**

- **Asymmetric door leaves with handle leaf from 0 to + 50 larger**

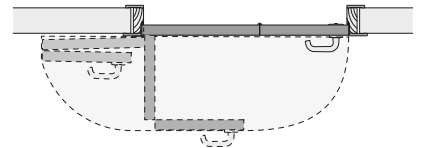
- By using the handle only on one side and the recessed handle on the other, is necessary to apply the magnetic lock **COBURN**.
Version possible with all available items RIGHT/LEFT.



- **Version 3**

- **Asymmetric door leaves with handle leaf from 0 to - 50 lower**

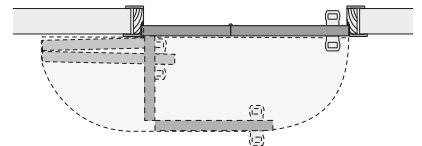
- By using the handle only on one side and the recessed handle on the other, is necessary to apply the magnetic lock **COBURN**.
Version possible with all available items RIGHT/LEFT.



- **Version 4**

- **Asymmetric door leaves with handle leaf from 100 to + 150 larger**

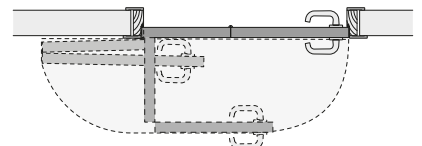
- Traditional lock with knobs or half handles.
Version possible with all available items RIGHT/LEFT.



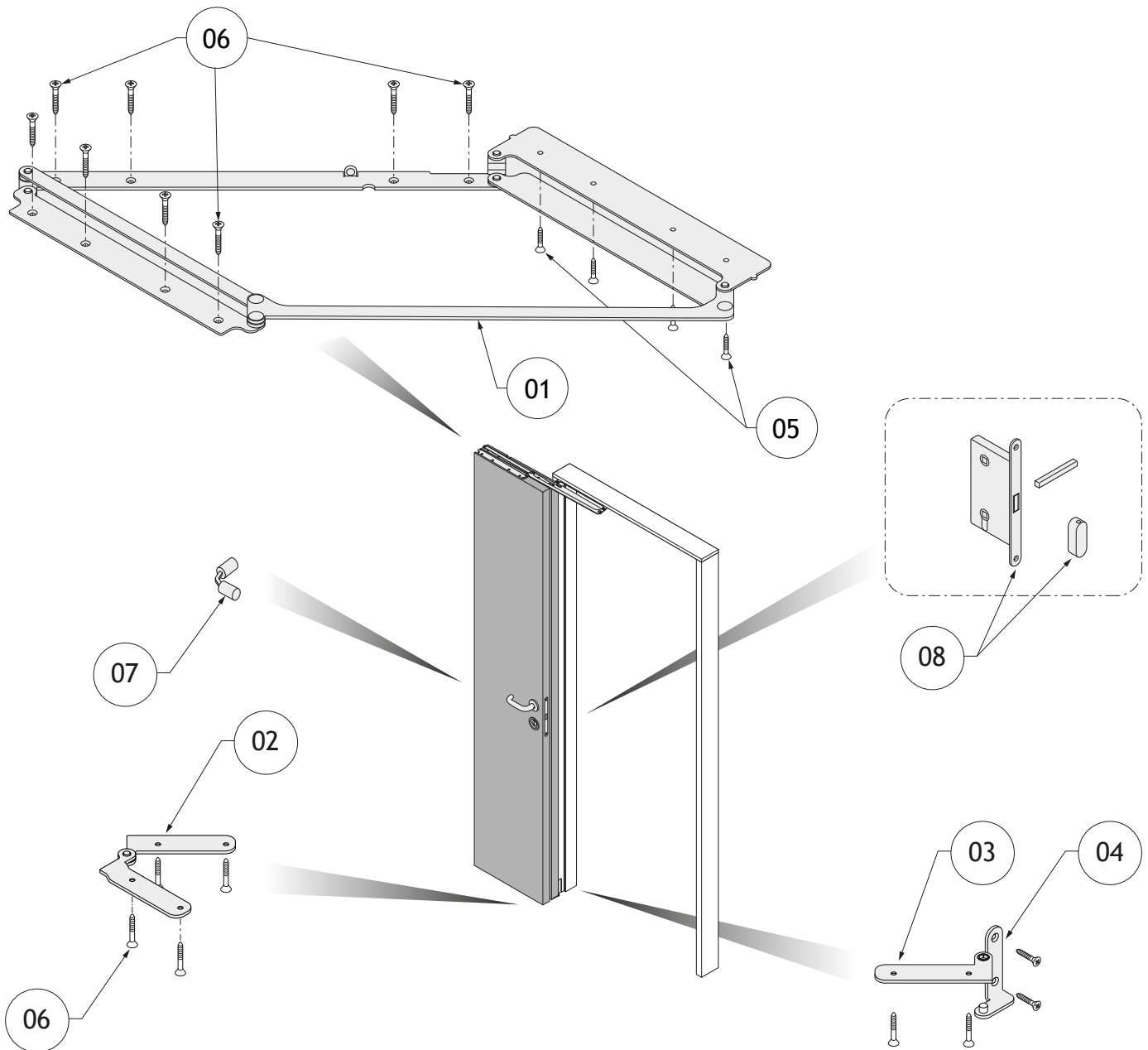
- **Version 5**

- **Asymmetric door leaves with handle leaf from 150 to + 200 larger**

- Traditional lock with traditional handles.
Version possible with all available items RIGHT/LEFT.



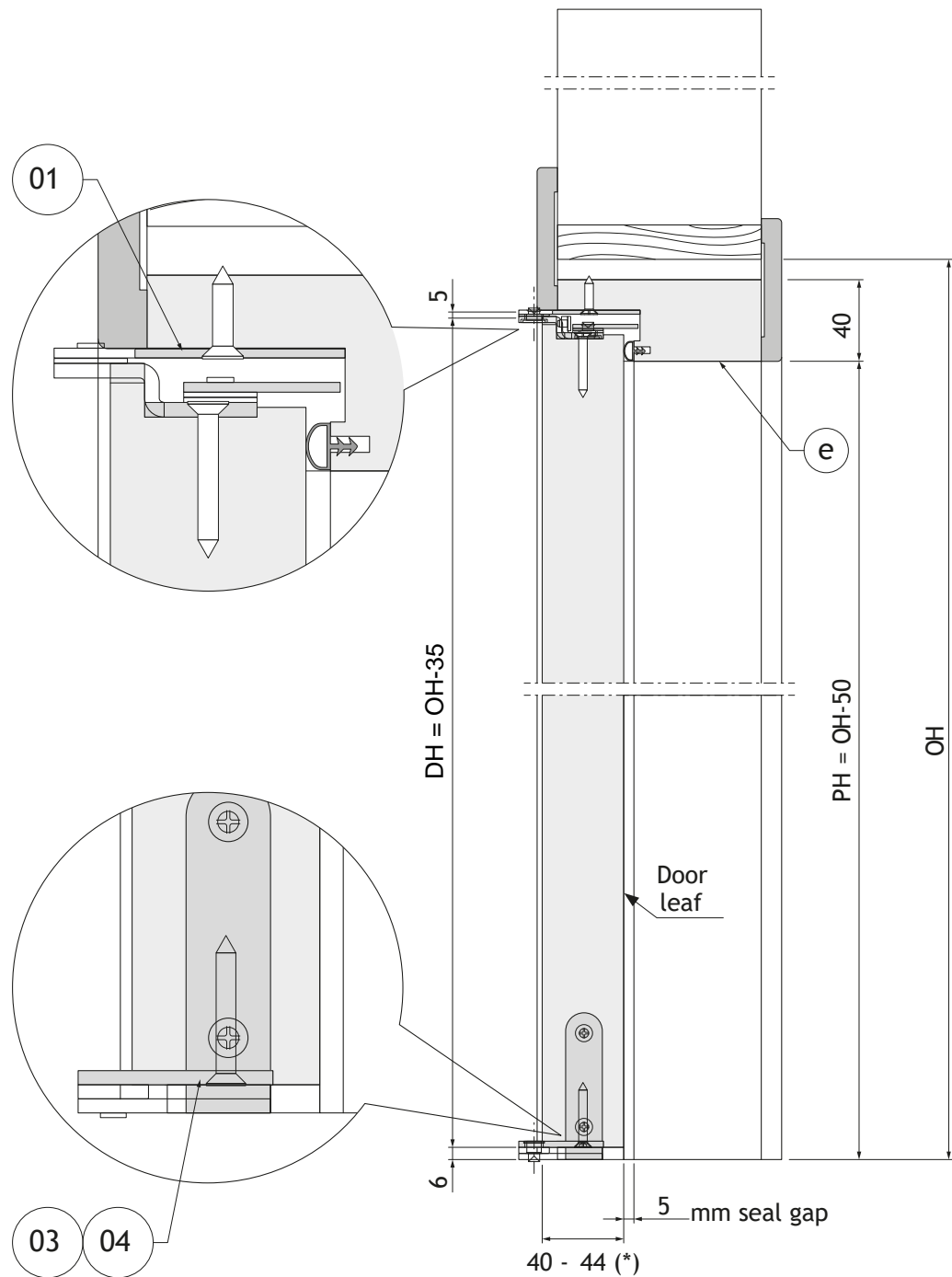
2.1 Hardware



Part list

| Ref. | Q.ty | Description |
|------|------|--|
| 01 | 1 | Coburn folding 180° system RH or LH |
| 02 | 1 | Bottom centre hinge |
| 03 | 1 | Bottom pivot for leaf RH or LH |
| 04 | 1 | Bottom pivot for jamb RH or LH |
| 05 | 4 | Screw TSP trx ø 4x20 |
| 06 | 16 | Screw TSP trx ø 4x30 |
| 07 | 1 | Concealed hinge for leaves alignment |
| 08 | 1 | Magnetic lock Coburn folding with strikers and special square spindle (optional) |

2.2 Vertical section



OH = Opening Height

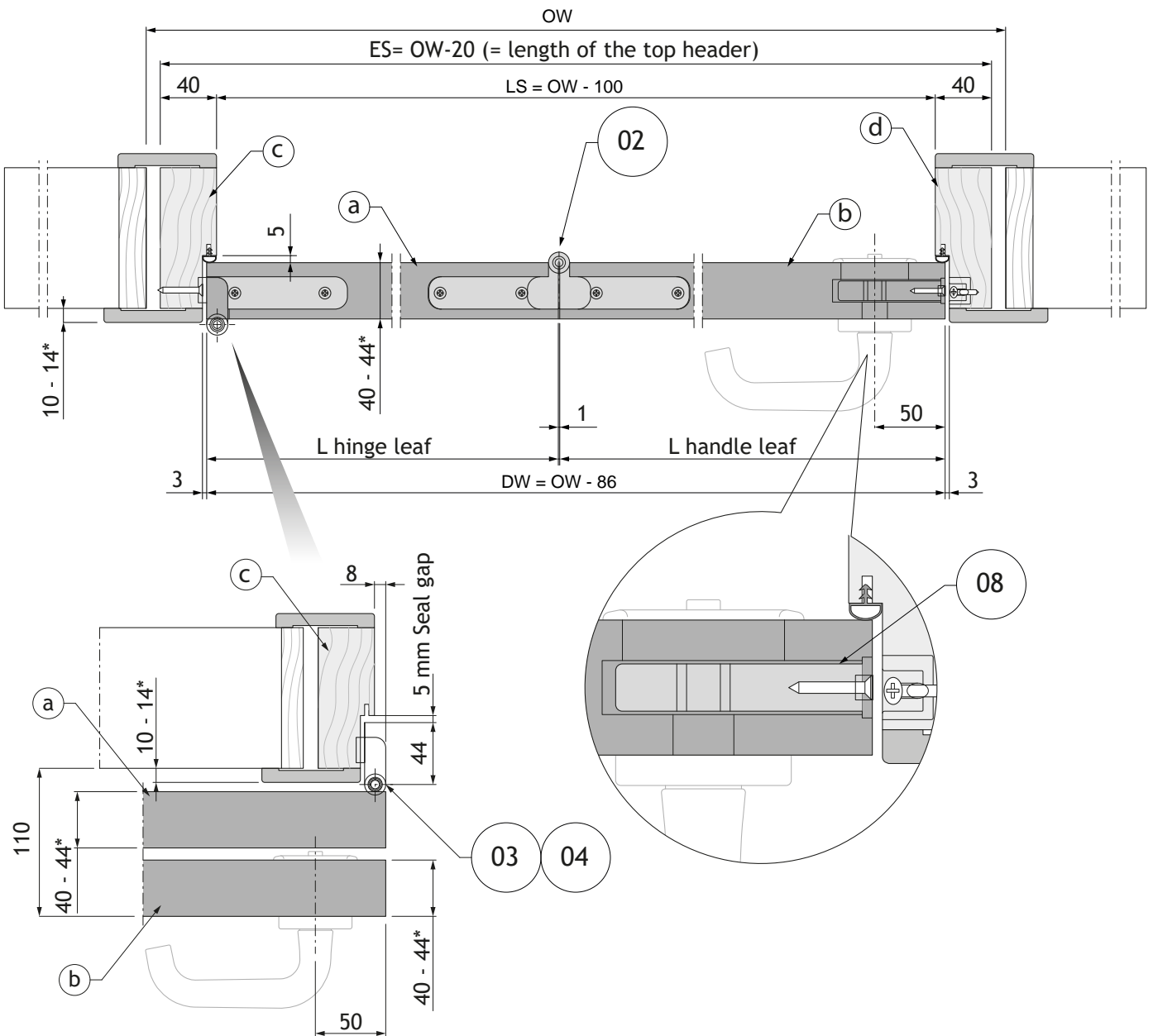
PH = Passage Height

DH = Door Height

| (*) Leaf/track cover moulding thickness ratio | | Part list | | |
|---|-----------------------|-----------|------|------------------------------------|
| leaf thickness | flat casing thickness | Ref. | Q.ty | Description |
| 40 | 10 - 14 | 01 | 1 | Coburn folding 180 system RH or LH |
| 42 | 10 - 12 | 03 | 1 | Bottom pivot for leaf RH or LH |
| 44 | 10 | 04 | 1 | Bottom pivot for jamb RH or LH |
| | | e | 1 | Top header |

2.3 Horizontal section left door

Example of Left Door (*Right door is symmetric*)



- OW = Opening Width
 ES = Jamb to Jamb dimension
 LS = Door Jamb Opening
 DW = Door Width

| (*) Leaf/track cover moulding thickness ratio | |
|---|-----------------------|
| leaf thickness | flat casing thickness |
| 40 | 10 - 14 |
| 42 | 10 - 12 |
| 44 | 10 |

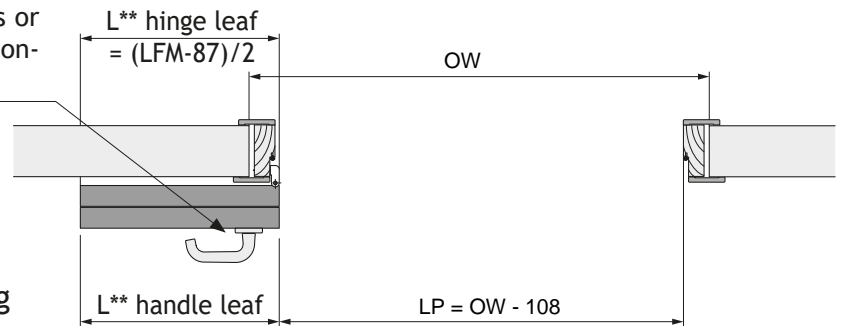
| Part list | | |
|-----------|------|--|
| Ref. | Q.ty | Description |
| 02 | 1 | Bottom centre hinge |
| 03 | 1 | Bottom pivot for leaf RH or LH |
| 04 | 1 | Bottom pivot for jamb RH or LH |
| 08 | 1 | Magnetic lock Coburn folding with strikers and special square spindle (optional) |
| a | 1 | Hinge leaf |
| b | 1 | Handle leaf |
| c | 1 | Hinge side door jamb |
| d | 1 | Handle side door jamb |

2.4 Dimensional diagram of the door - symmetric leaves (Version 1)

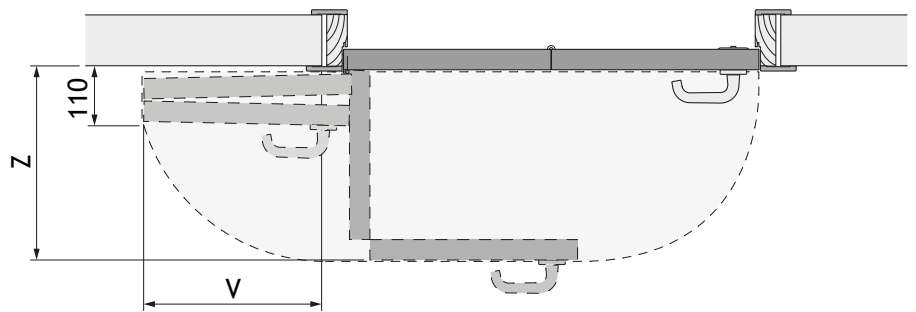
| Version 1 - symmetric leaves | | | | | | | |
|------------------------------|-----|----------------|-----------------|-----|-----|--------------|-------|
| OW | LP | L** hinge leaf | L** handle leaf | Z | V | Part. COBURN | |
| 700 | 592 | 306,5 | 306,5 | 355 | 250 | 61101 | 61102 |
| 800 | 692 | 356,5 | 356,5 | 405 | 300 | 61103 | 61104 |
| 900 | 792 | 406,5 | 406,5 | 455 | 350 | 61105 | 61106 |
| 1000 | 892 | 456,5 | 456,5 | 505 | 400 | 61107 | 61108 |
| 1100 | 992 | 506,5 | 506,5 | 555 | 450 | 61109 | 61110 |

It's possible to use the pair of handles or traditional knobs by adjusting the secondary stop (see chapter 7)

- OW** = Opening Width
- LP** = Passage Dimension
- Z** = Clearance required for opening
- V** = Foot print in stack position

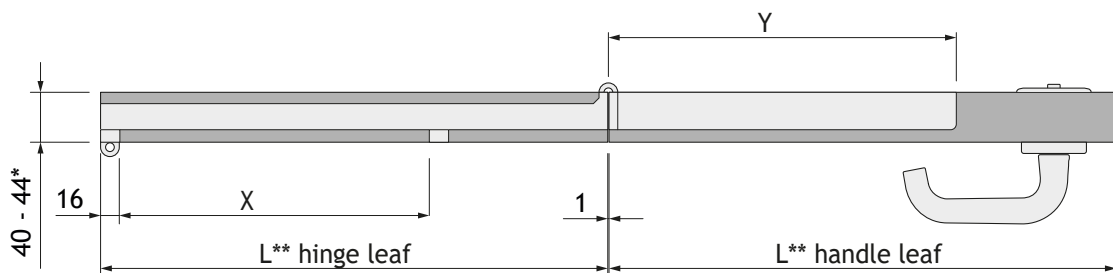


Example of Left Door
(Right door is symmetric)



Upper hardware seat diagram (see chapter 3. DIMENSIONAL SUMMARIES)

| Version 1 - symmetric leaves | | | | | |
|------------------------------|-------|----------------|-------------|-----------------|-------------|
| Part. COBURN | | L** hinge leaf | dimension X | L** handle leaf | dimension Y |
| 61101 | 61102 | 306,5 | 208 | 306,5 | 234 |
| 61103 | 61104 | 356,5 | 208 | 356,5 | 234 |
| 61105 | 61106 | 406,5 | 258 | 406,5 | 284 |
| 61107 | 61108 | 456,5 | 358 | 456,5 | 384 |
| 61109 | 61110 | 506,5 | 358 | 506,5 | 384 |



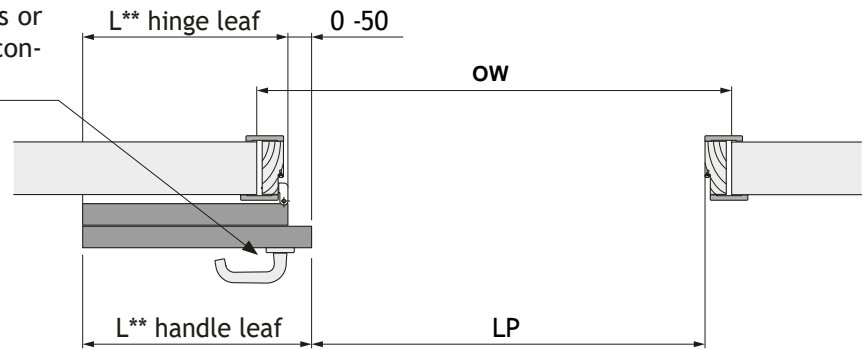
(**) Hinge leaf and handle leaf widths are calculated with a reciprocal distance of 1 mm.

2.5 Dimensional diagram of the door - asymmetric leaves (Version 2)

Handle leaf from 0 to +50 larger

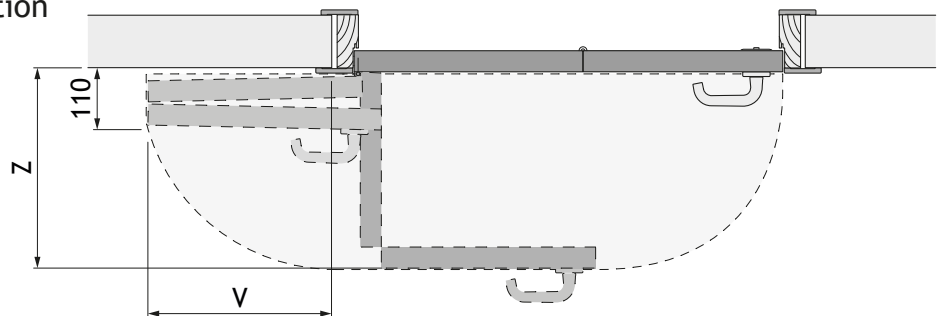
| Version 2 - asymmetric leaves (handle leaf from 0 to +50 larger) | | | | | | | |
|--|-----|----------------|-----------------|-----|-----|--------------|-------|
| OW | LP | L** hinge leaf | L** handle leaf | Z | V | Part. COBURN | |
| 700 - 750 | 592 | 306,5 | 306,5 - 356,5 | 355 | 250 | 61101 | 61102 |
| 800 - 850 | 692 | 356,5 | 356,5 - 406,5 | 405 | 300 | 61103 | 61104 |
| 900 - 950 | 792 | 406,5 | 406,5 - 456,5 | 455 | 350 | 61105 | 61106 |
| 1000 - 1050 | 892 | 456,5 | 456,5 - 506,5 | 505 | 400 | 61107 | 61108 |
| 1100 - 1150 | 992 | 506,5 | 506,5 - 556,5 | 555 | 450 | 61109 | 61110 |

It's possible to use the pair of handles or traditional knobs by adjusting the secondary stop (see chapter 7)



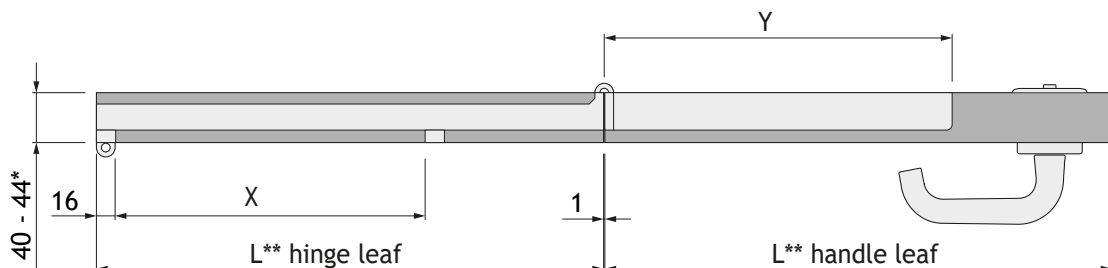
- OW** = Opening Width
- LP** = Passage Dimension
- Z** = Clearance required for opening
- V** = Foot print in stack position

Example of Left Door
(Right door is symmetric)



Upper hardware seat diagram (see chapter 3. DIMENSIONAL SUMMARIES)

| Version 2 - asymmetric leaves (handle leaf from 0 to +50 larger) | | | | | |
|--|-------|----------------|-------------|-----------------|-------------|
| Part. COBURN | | L** hinge leaf | dimension X | L** handle leaf | dimension Y |
| 61101 | 61102 | 306,5 | 208 | 306,5 - 356,5 | 234 |
| 61103 | 61103 | 356,5 | 208 | 356,5 - 406,5 | 234 |
| 61105 | 61106 | 406,5 | 258 | 406,5 - 456,5 | 284 |
| 61107 | 61108 | 456,5 | 358 | 456,5 - 506,5 | 384 |
| 61109 | 61110 | 506,5 | 358 | 506,5 - 556,5 | 384 |



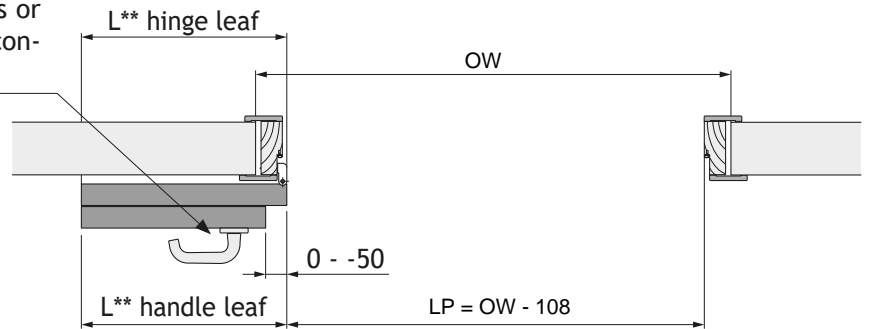
(**) Hinge leaf and handle leaf widths are calculated with a reciprocal distance of 1 mm.

2.6 Dimensional diagram of the door - asymmetric leaves (Version 3)

Handle leaf from 0 to -50 lower

| Version 3 - asymmetric leaves (handle leaf from 0 to -50 lower) | | | | | | | |
|---|-----------|----------------|-----------------|-----|-----|--------------|-------|
| OW | LP | L** hinge leaf | L** handle leaf | Z | V | Part. COBURN | |
| 650 - 700 | 542 - 592 | 306,5 | 256,5 - 306,5 | 355 | 250 | 61101 | 61102 |
| 750 - 800 | 642 - 692 | 356,5 | 306,5 - 356,5 | 405 | 300 | 61103 | 61104 |
| 850 - 900 | 742 - 792 | 406,5 | 356,5 - 406,5 | 455 | 350 | 61105 | 61106 |
| 950 - 1000 | 842 - 892 | 456,5 | 406,5 - 456,5 | 505 | 400 | 61107 | 61108 |
| 1050 - 1100 | 942 - 992 | 506,5 | 456,5 - 506,5 | 555 | 450 | 61109 | 61110 |

It's possible to use the pair of handles or traditional knobs by adjusting the secondary stop (see chapter 7)



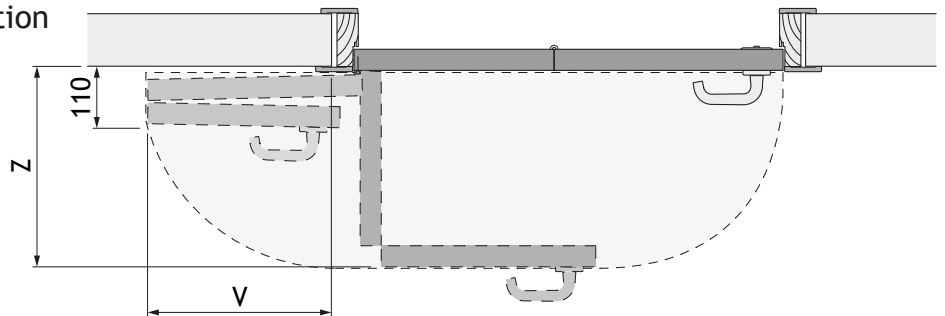
OW = Opening Width

LP = Passage Dimension

Z = Clearance required for opening

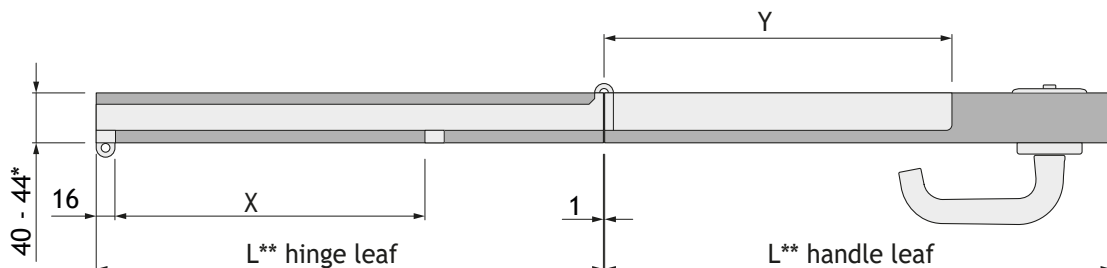
V = Foot print in stack position

Example of Left Door
(Right door is symmetric)



Upper hardware seat diagram (see chapter 3. DIMENSIONAL SUMMARIES)

| Version 3 - asymmetric leaves (handle leaf from 0 to -50 lower) | | | | | |
|---|-------|----------------|-------------|-----------------|-------------|
| Part. COBURN | | L** hinge leaf | dimension X | L** handle leaf | dimension Y |
| 61101 | 61102 | 306,5 | 208 | 256,5 - 306,5 | 234 |
| 61103 | 61104 | 356,5 | 208 | 306,5 - 356,5 | 234 |
| 61105 | 61106 | 406,5 | 258 | 356,5 - 406,5 | 284 |
| 61107 | 61108 | 456,5 | 358 | 406,5 - 456,5 | 384 |
| 61109 | 61110 | 506,5 | 358 | 456,5 - 506,5 | 384 |



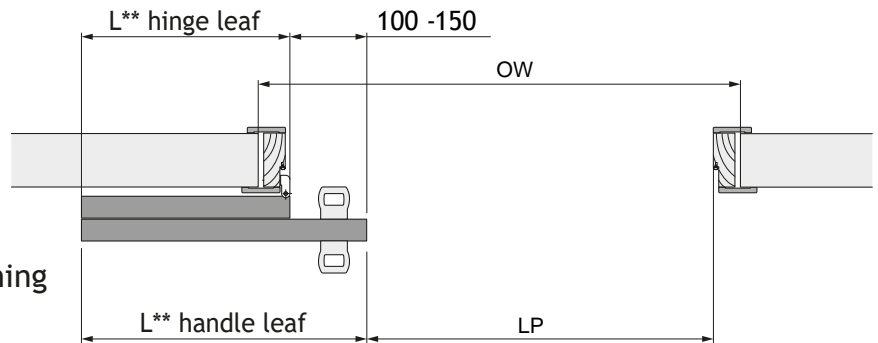
(**) Hinge leaf and handle leaf widths are calculated with a reciprocal distance of 1 mm.

2.7 Dimensional diagram of the door - asymmetric leaves (Version 4)

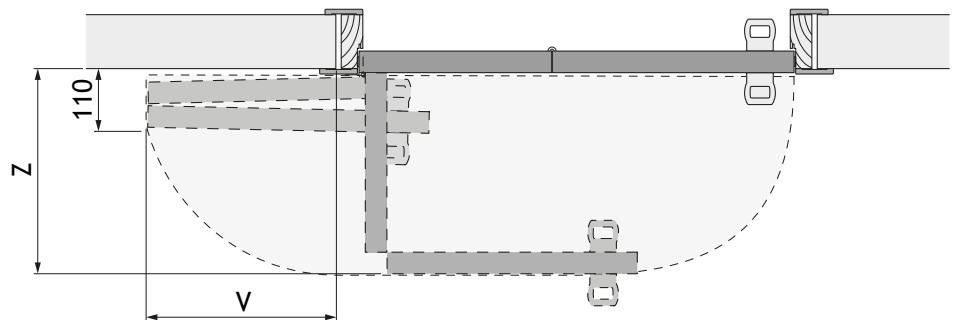
Handle leaf from +100 to +150 larger

| Version 4 - asymmetric leaves (handle leaf from +100 to +150 larger) | | | | | | | |
|--|-----|----------------|-----------------|-----|-----|--------------|-------|
| OW | LP | L** hinge leaf | L** handle leaf | Z | V | Part. COBURN | |
| 800 - 850 | 592 | 306,5 | 406,5 - 456,5 | 355 | 250 | 61101 | 61102 |
| 900 - 950 | 692 | 356,5 | 456,5 - 506,5 | 405 | 300 | 61103 | 61104 |
| 1000 - 1050 | 792 | 406,5 | 506,5 - 556,5 | 455 | 350 | 61105 | 61106 |
| 1100 - 1150 | 892 | 456,5 | 556,5 - 606,5 | 505 | 400 | 61107 | 61108 |
| 1200 - 1250 | 992 | 506,5 | 606,5 - 656,5 | 555 | 450 | 61109 | 61110 |

- OW** = Opening Width
- LP** = Passage Dimension
- Z** = Clearance required for opening
- V** = Foot print in stack position

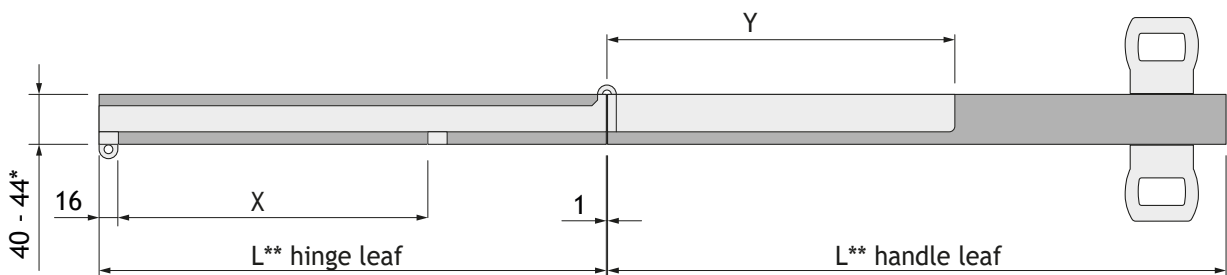


Example of Left Door
(Right door is symmetric)



Upper hardware seat diagram (see chapter 3. DIMENSIONAL SUMMARIES)

| Version 4 - asymmetric leaves (handle leaf from +100 to +150 larger) | | | | | |
|--|-------|----------------|-------------|-----------------|-------------|
| Part. COBURN | | L** hinge leaf | dimension X | L** handle leaf | dimension Y |
| 61101 | 61102 | 306,5 | 208 | 406,5 - 456,5 | 234 |
| 61103 | 61104 | 356,5 | 208 | 456,5 - 506,5 | 234 |
| 61105 | 61106 | 406,5 | 258 | 506,5 - 556,5 | 284 |
| 61107 | 61108 | 456,5 | 358 | 556,5 - 606,5 | 384 |
| 61109 | 61110 | 506,5 | 358 | 606,5 - 656,5 | 384 |

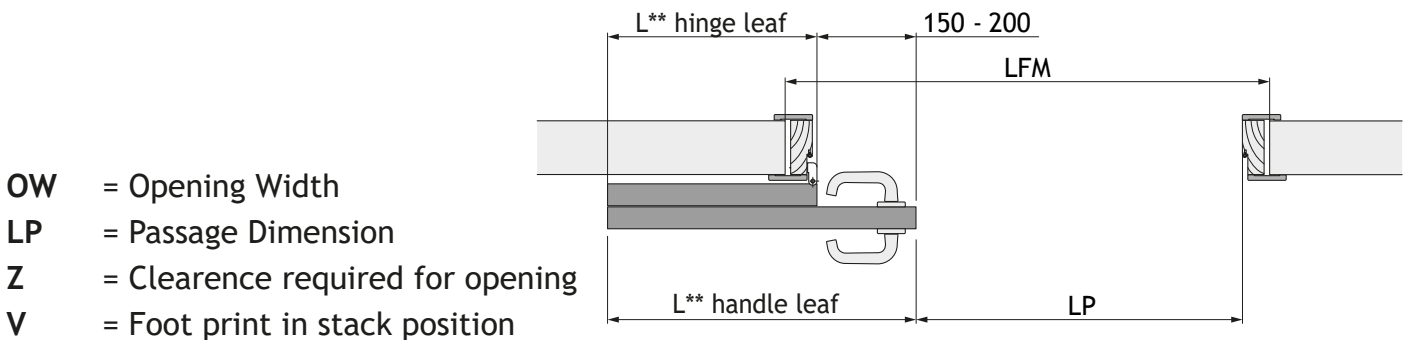


(**) Hinge leaf and handle leaf widths are calculated with a reciprocal distance of 1 mm.

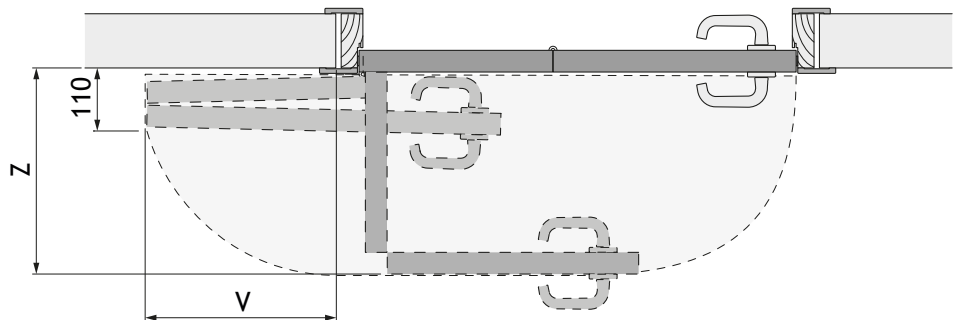
2.8 Dimensional diagram of the door - asymmetric leaves (Version 5)

Handle leaf from +150 to +200 larger

| Version 5 - asymmetric leaves (handle leaf from +150 to +200 larger) | | | | | | | |
|--|-----|----------------|-----------------|-----|-----|--------------|-------|
| OW | LP | L** hinge leaf | L** handle leaf | Z | V | Part. COBURN | |
| 850 - 900 | 592 | 306,5 | 456,5 - 506,5 | 355 | 250 | 61101 | 61102 |
| 950 - 1000 | 692 | 356,5 | 506,5 - 556,5 | 405 | 300 | 61103 | 61104 |
| 1050 - 1100 | 792 | 406,5 | 556,5 - 606,5 | 455 | 350 | 61105 | 61106 |
| 1150 - 1200 | 892 | 456,5 | 606,5 - 656,5 | 505 | 400 | 61107 | 61108 |
| 1250 - 1300 | 992 | 506,5 | 656,5 - 706,5 | 555 | 450 | 61109 | 61110 |

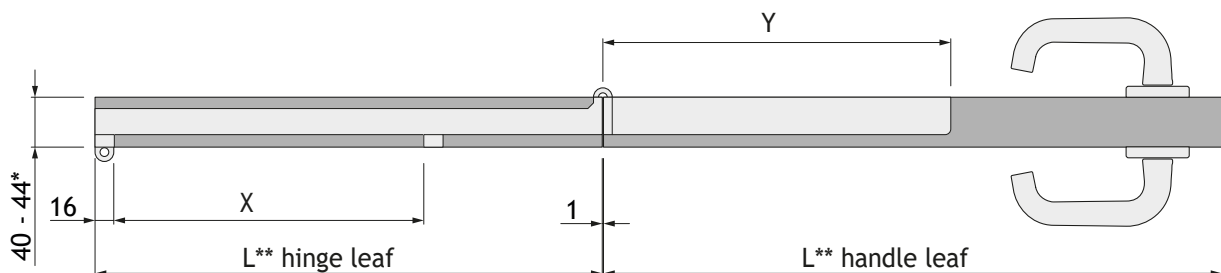


Example of Left Door
(Right door is symmetric)



Upper hardware seat diagram (see chapter 3. DIMENSIONAL SUMMARIES)

| Version 5 - asymmetric leaves (handle leaf from +150 to +200 larger) | | | | | |
|--|-------|----------------|-------------|-----------------|-------------|
| Part. COBURN | | L** hinge leaf | dimension X | L** handle leaf | dimension Y |
| 61101 | 61102 | 306,5 | 208 | 456,5 - 506,5 | 234 |
| 61103 | 61104 | 356,5 | 208 | 506,5 - 556,5 | 234 |
| 61105 | 61106 | 406,5 | 258 | 556,5 - 606,5 | 284 |
| 61107 | 61108 | 456,5 | 358 | 606,5 - 656,5 | 384 |
| 61109 | 61110 | 506,5 | 358 | 656,5 - 706,5 | 384 |



(**) Hinge leaf and handle leaf widths are calculated with a reciprocal distance of 1 mm.

3. DIMENSIONAL SUMMARIES

3.1 Single opening door

The following table is a summary all of possible realizable dimensions with the measurements. The **COBURN FOLDING 180°** system foresee a minimum opening width(OW) of 700 mm with symmetric leaves and of 650 mm with asymmetric leaves.

The maximum opening width(OW) with symmetric leaves is 1100 mm.

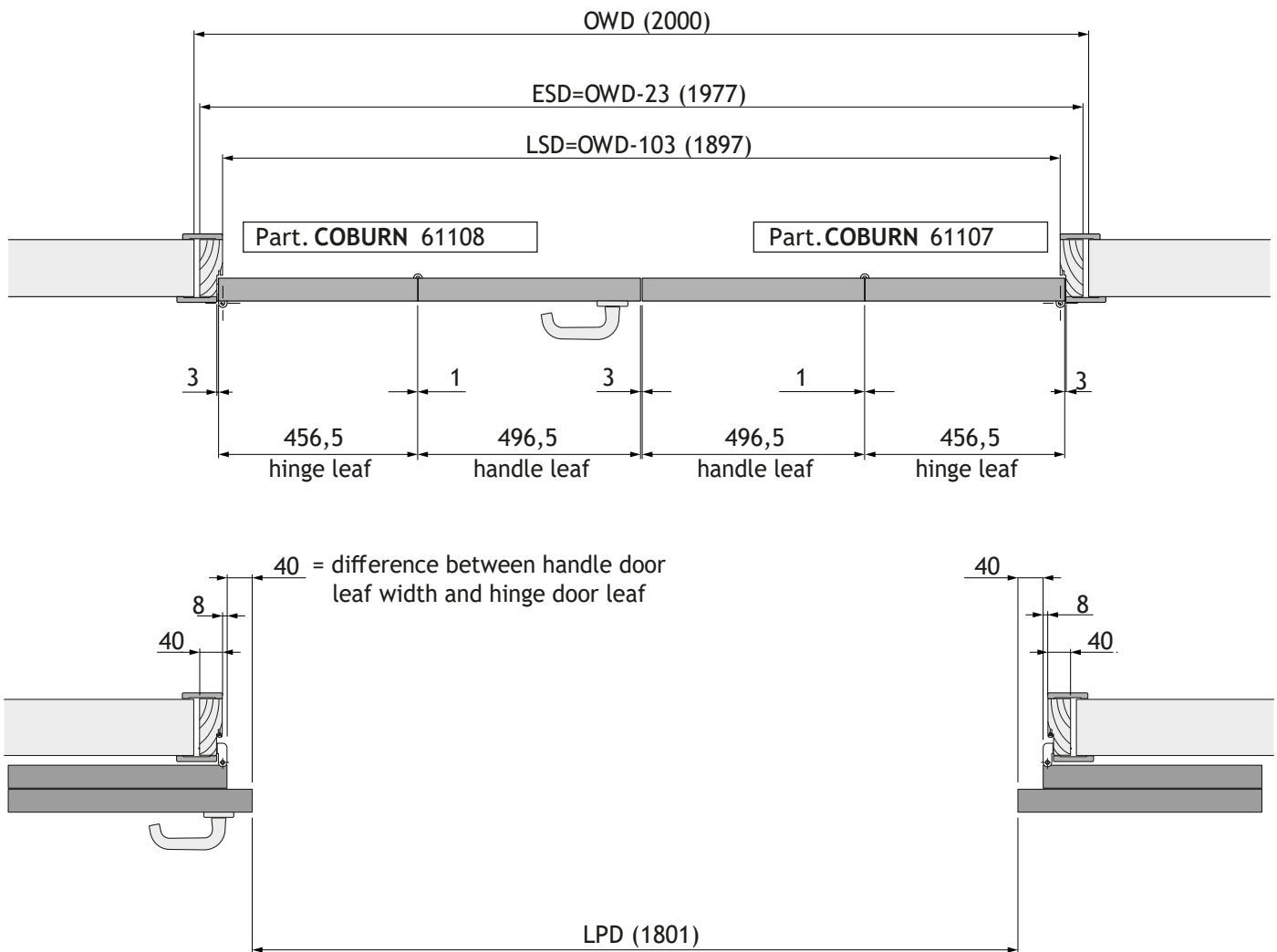
For measurements of OW larger than 1100 mm is necessary to increase the dimensions of the handle door leaf.

| Summary dimensions for single opening door | | | | | | | | | | | |
|--|---------|------------------------------|----------------------|------------------------------|---------------------|------------------------------------|---------------------|--------------------------|---------------------------|---------------------|-------|
| Opening Width OW | Version | Jut Handle Door Leaf | Passage Dimension LP | Fix Dimension L** hinge leaf | Working dimension x | Variable Dimension L** handle leaf | Working dimension y | Encumbrance in opening Z | Encumbrance on the wall V | COBURN Part. Number | |
| 650-700 | 3 | asymmetric from -50 to 0 | 542-592 | 306,5 | 208 | 256,5-306,5 | 234 | 355 | 250 | 61101 | 61102 |
| 700 | 1 | symmetric 0 | 592 | 306,5 | 208 | 306,5 | 234 | 355 | 250 | 61101 | 61102 |
| 700-750 | 2 | asymmetric from 0 to +50 | 592 | 306,5 | 208 | 306,5-356,5 | 234 | 355 | 250 | 61101 | 61102 |
| 750-800 | 3 | asymmetric from -50 to 0 | 642-692 | 356,5 | 208 | 306,5-356,5 | 234 | 405 | 300 | 61103 | 61104 |
| 800 | 1 | symmetric 0 | 692 | 356,5 | 208 | 356,5 | 234 | 405 | 300 | 61103 | 61104 |
| 800-850 | 2 | asymmetric from 0 to +50 | 692 | 356,5 | 208 | 356,5-406,5 | 234 | 405 | 300 | 61103 | 61104 |
| 800-850 | 4 | asymmetric from +100 to +150 | 592 | 306,5 | 208 | 406,5-456,5 | 234 | 355 | 250 | 61101 | 61102 |
| 850-900 | 3 | asymmetric from -50 to 0 | 742-792 | 406,5 | 258 | 356,5-406,5 | 284 | 455 | 350 | 61105 | 61106 |
| 850-900 | 5 | asymmetric from +150 to +200 | 592 | 306,5 | 208 | 456,5-506,5 | 234 | 355 | 250 | 61101 | 61102 |
| 900 | 1 | symmetric 0 | 792 | 406,5 | 258 | 406,5 | 284 | 455 | 350 | 61105 | 61106 |
| 900-950 | 2 | asymmetric from 0 to +50 | 792 | 406,5 | 258 | 406,5-456,5 | 284 | 455 | 350 | 61105 | 61106 |
| 900-950 | 4 | asymmetric from +100 to +150 | 692 | 356,5 | 208 | 456,5-506,5 | 234 | 405 | 300 | 61103 | 61104 |
| 950-1000 | 3 | asymmetric from -50 to 0 | 842-892 | 456,5 | 358 | 406,5-456,5 | 384 | 505 | 400 | 61007 | 61008 |
| 950-1000 | 5 | asymmetric from +150 to +200 | 692 | 356,5 | 208 | 506,5-556,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1000 | 1 | symmetric 0 | 892 | 456,5 | 358 | 456,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1000-1050 | 2 | asymmetric from 0 to +50 | 892 | 456,5 | 358 | 456,5-506,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1000-1050 | 4 | asymmetric from +100 to +150 | 792 | 406,5 | 258 | 506,5-556,5 | 284 | 455 | 350 | 61105 | 61106 |
| 1050-1100 | 3 | asymmetric from -50 to 0 | 942-992 | 506,5 | 358 | 456,5-506,5 | 384 | 555 | 450 | 61109 | 61110 |
| 1050-1100 | 5 | asymmetric from +150 to +200 | 792 | 406,5 | 258 | 556,5-606,5 | 284 | 455 | 350 | 61105 | 61106 |
| 1100 | 1 | symmetric 0 | 992 | 506,5 | 358 | 506,5 | 384 | 555 | 450 | 61109 | 61110 |
| 1100-1150 | 2 | asymmetric from 0 to +50 | 992 | 506,5 | 358 | 506,5-556,5 | 384 | 555 | 450 | 61109 | 61110 |
| 1100-1150 | 4 | asymmetric from +100 to +150 | 892 | 456,5 | 358 | 556,5-606,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1150-1200 | 5 | asymmetric from +150 to +200 | 892 | 456,5 | 358 | 606,5-656,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1200-1250 | 4 | asymmetric from +100 to +150 | 992 | 506,5 | 358 | 606,5-656,5 | 384 | 555 | 450 | 61109 | 61110 |
| 1250-1300 | 5 | asymmetric from +150 to +200 | 992 | 506,5 | 358 | 656,5-706,5 | 384 | 555 | 450 | 61109 | 61110 |

3.2 Dimensional diagram of the double opening door

Dimensional example

Attention: you need to use two hardwares COBURN FOLDING 180° hardware, one right and one left.



- OWD** = Double Opening Width
- ESD** = Jamb to Jamb Diemension Double (OWD-23)
- LSD** = Door Jamb Double (OWD-103)
- LPD** = Passage Dimension Double

3.3 Double opening door

The following table is a summary all of possible dimensions with the measurements.

The **COBURN FOLDING 180°** system foresees a minimum opening (**OWD**) of 1320 mm with symmetric leaves and of 1220 mm with asymmetric leaves.

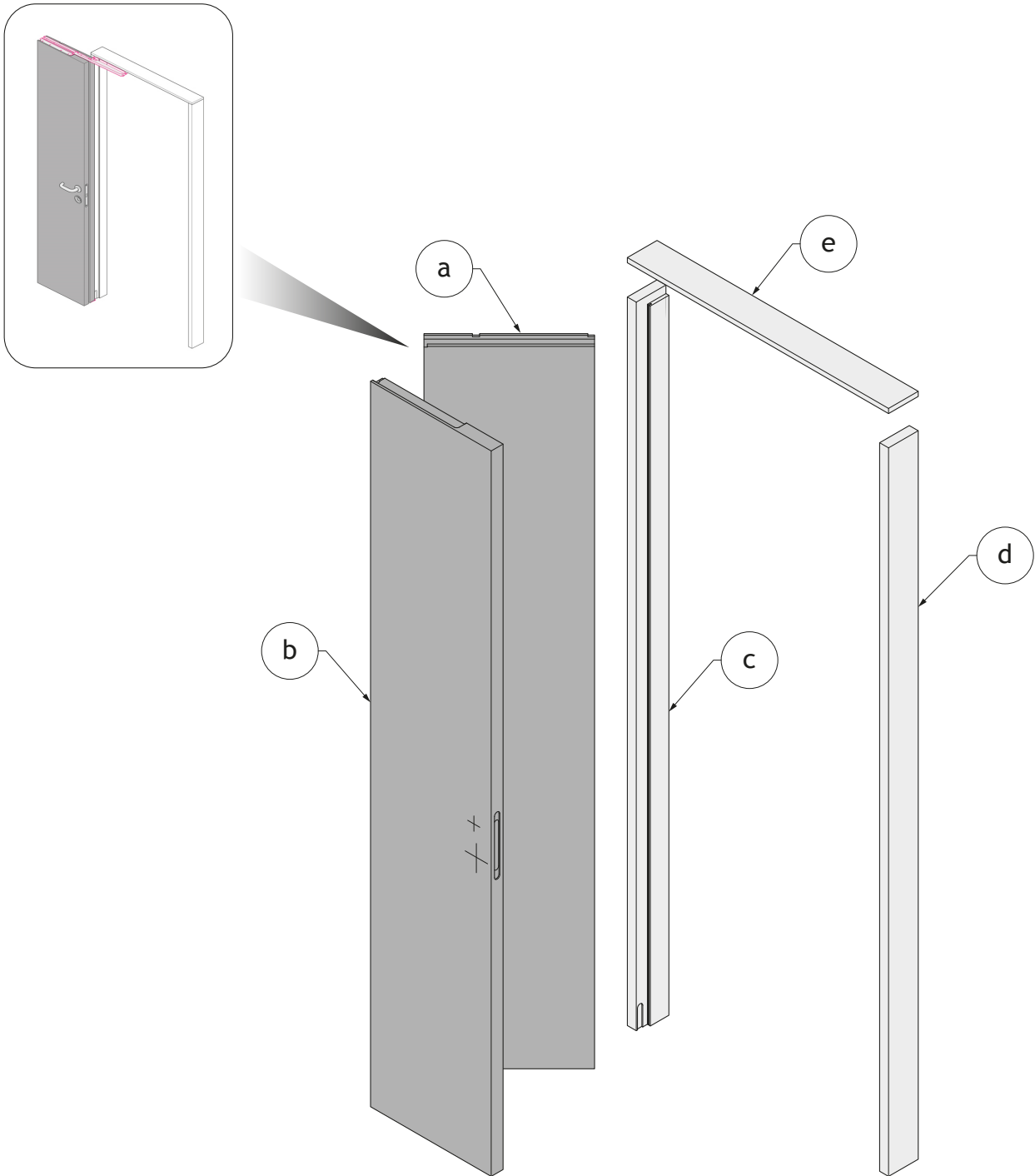
The maximum wall opening (**OWD**) with symmetric leaves is 2120 mm.

For measurements of **OWD** larger than 2120 mm is necessary to increase the dimensions of the handle door leaf.

| Summary dimensions for double opening door | | | | | | | | | | | |
|--|---------|------------------------------|----------------------|------------------------------|---------------------|------------------------------------|---------------------|--------------------------|---------------------------|---------------------|-------|
| Opening Width Double OWD | Version | Jut Handle Door Leaf | Passage Dimension LP | Fix Dimension L** hinge leaf | Working dimension x | Variable Dimension L** handle leaf | Working dimension y | Encumbrance in opening Z | Encumbrance on the wall V | COBURN Part. Number | |
| 1220-1320 | 3 | asymmetric from -50 to 0 | 1101-1201 | 306,5 | 208 | 256,5-306,5 | 234 | 355 | 250 | 61101 | 61102 |
| 1320 | 1 | symmetric 0 | 1201 | 306,5 | 208 | 306,5 | 234 | 355 | 250 | 61101 | 61102 |
| 1320-1420 | 2 | asymmetric from 0 to +50 | 1201 | 306,5 | 208 | 306,5-356,5 | 234 | 355 | 250 | 61101 | 61102 |
| 1420-1520 | 3 | asymmetric from -50 to 0 | 1301-1401 | 356,5 | 208 | 306,5-356,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1520 | 1 | symmetric 0 | 1401 | 356,5 | 208 | 356,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1520-1620 | 2 | asymmetric from 0 to +50 | 1401 | 356,5 | 208 | 356,5-406,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1520-1620 | 4 | asymmetric from +100 to +150 | 1201 | 306,5 | 208 | 406,5-456,5 | 234 | 355 | 250 | 61101 | 61102 |
| 1620-1720 | 3 | asymmetric from -50 to 0 | 1501-1601 | 406,5 | 258 | 356,5-406,5 | 284 | 455 | 350 | 61105 | 61106 |
| 1620-1720 | 5 | asymmetric from +150 to +200 | 1201 | 306,5 | 208 | 456,5-506,5 | 234 | 355 | 250 | 61101 | 61102 |
| 1720 | 1 | symmetric 0 | 1601 | 406,5 | 258 | 406,5 | 284 | 455 | 350 | 61105 | 61106 |
| 1720-1820 | 2 | asymmetric from 0 to +50 | 1601 | 406,5 | 258 | 406,5-456,5 | 284 | 455 | 350 | 61105 | 61106 |
| 1720-1820 | 4 | asymmetric from +100 to +150 | 1401 | 356,5 | 208 | 456,5-506,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1820-1920 | 3 | asymmetric from -50 to 0 | 1701-1801 | 456,5 | 358 | 406,5-456,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1820-1920 | 5 | asymmetric from +150 to +200 | 1401 | 356,5 | 208 | 506,5-556,5 | 234 | 405 | 300 | 61103 | 61104 |
| 1920 | 1 | symmetric 0 | 1801 | 456,5 | 358 | 456,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1920-2020 | 2 | asymmetric from 0 to +50 | 1801 | 456,5 | 358 | 456,5-506,5 | 384 | 505 | 400 | 61107 | 61108 |
| 1920-2020 | 4 | asymmetric from +100 to +150 | 1601 | 406,5 | 258 | 506,5-556,5 | 284 | 455 | 350 | 61105 | 61106 |
| 2020-2120 | 3 | asymmetric from -50 to 0 | 1901-2001 | 506,5 | 358 | 456,5-506,5 | 384 | 555 | 450 | 61109 | 61110 |
| 2020-2120 | 5 | asymmetric from +150 to +200 | 1601 | 406,5 | 258 | 556,5-606,5 | 284 | 455 | 350 | 61105 | 61106 |
| 2120 | 1 | symmetric 0 | 2001 | 506,5 | 358 | 506,5 | 384 | 555 | 450 | 61109 | 61110 |
| 2120-2220 | 2 | asymmetric from 0 to +50 | 2001 | 506,5 | 358 | 506,5-556,5 | 384 | 555 | 450 | 61109 | 61110 |
| 2120-2220 | 4 | asymmetric from +100 to +150 | 1801 | 456,5 | 358 | 556,5-606,5 | 384 | 505 | 400 | 61107 | 61108 |
| 2220-2320 | 5 | asymmetric from +150 to +200 | 1801 | 456,5 | 358 | 606,5-656,5 | 384 | 505 | 400 | 61107 | 61108 |
| 2320-2420 | 4 | asymmetric from +100 to +150 | 2001 | 506,5 | 358 | 606,5-656,5 | 384 | 555 | 450 | 61109 | 61110 |
| 2420-2520 | 5 | asymmetric from +150 to +200 | 2001 | 506,5 | 358 | 656,5-706,5 | 384 | 555 | 450 | 61109 | 61110 |

4. CUT-OUT DETAIL

4.1 Door leaves cut out detail

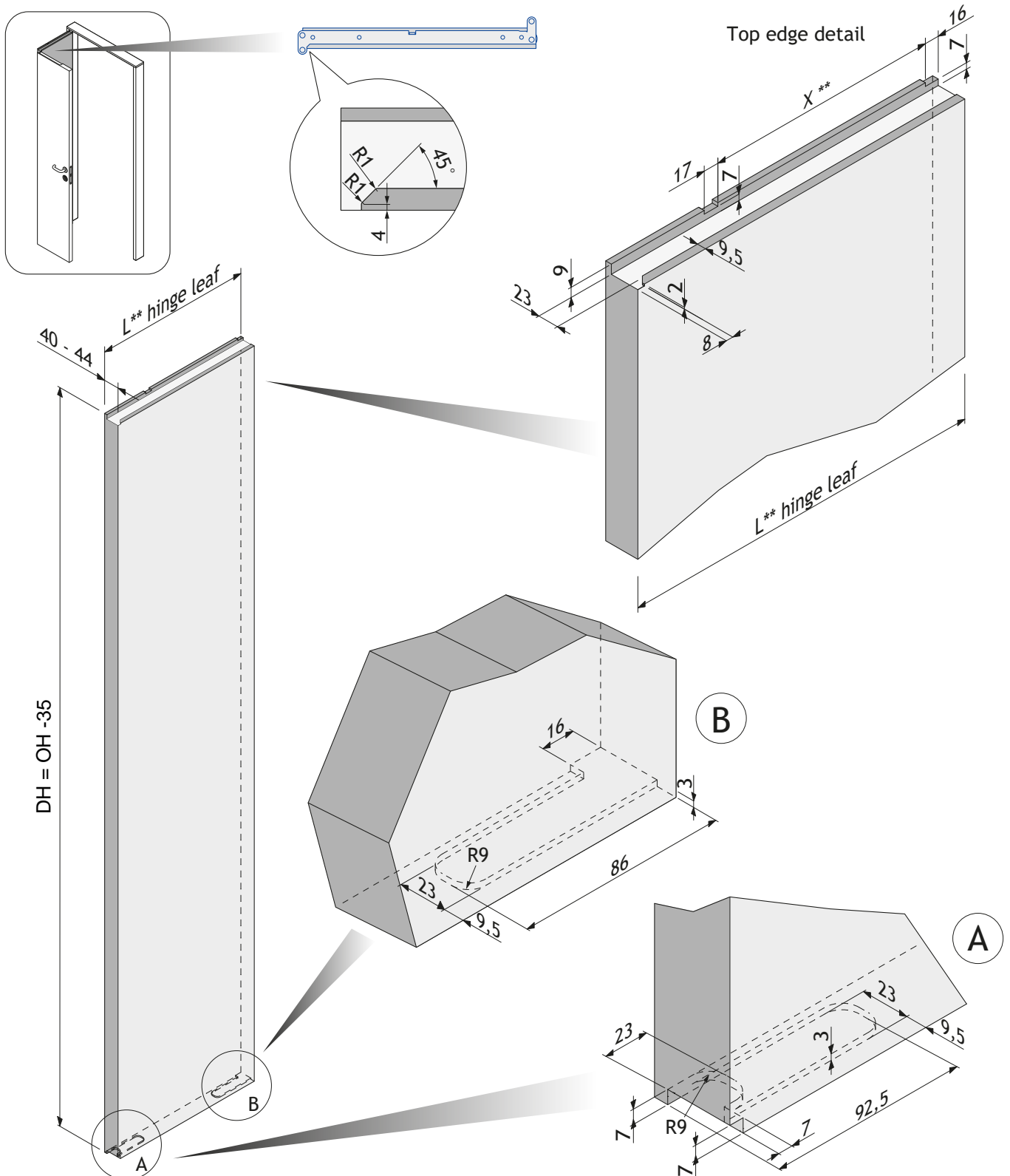


| Part list | | |
|-----------|------|-----------------------|
| Ref. | Q.ty | Description |
| a | 1 | Hinge leaf |
| b | 1 | Handle leaf |
| c | 1 | Hinge side door jamb |
| d | 1 | Handle side door jamb |
| e | 1 | Top header |

4.2 Door leaf hinge side

Left leaf door hinge side (*Right door is symmetric*)

(**) For dimensions see sections 2.4, 2.5, 2.6, 2.7, 2.8

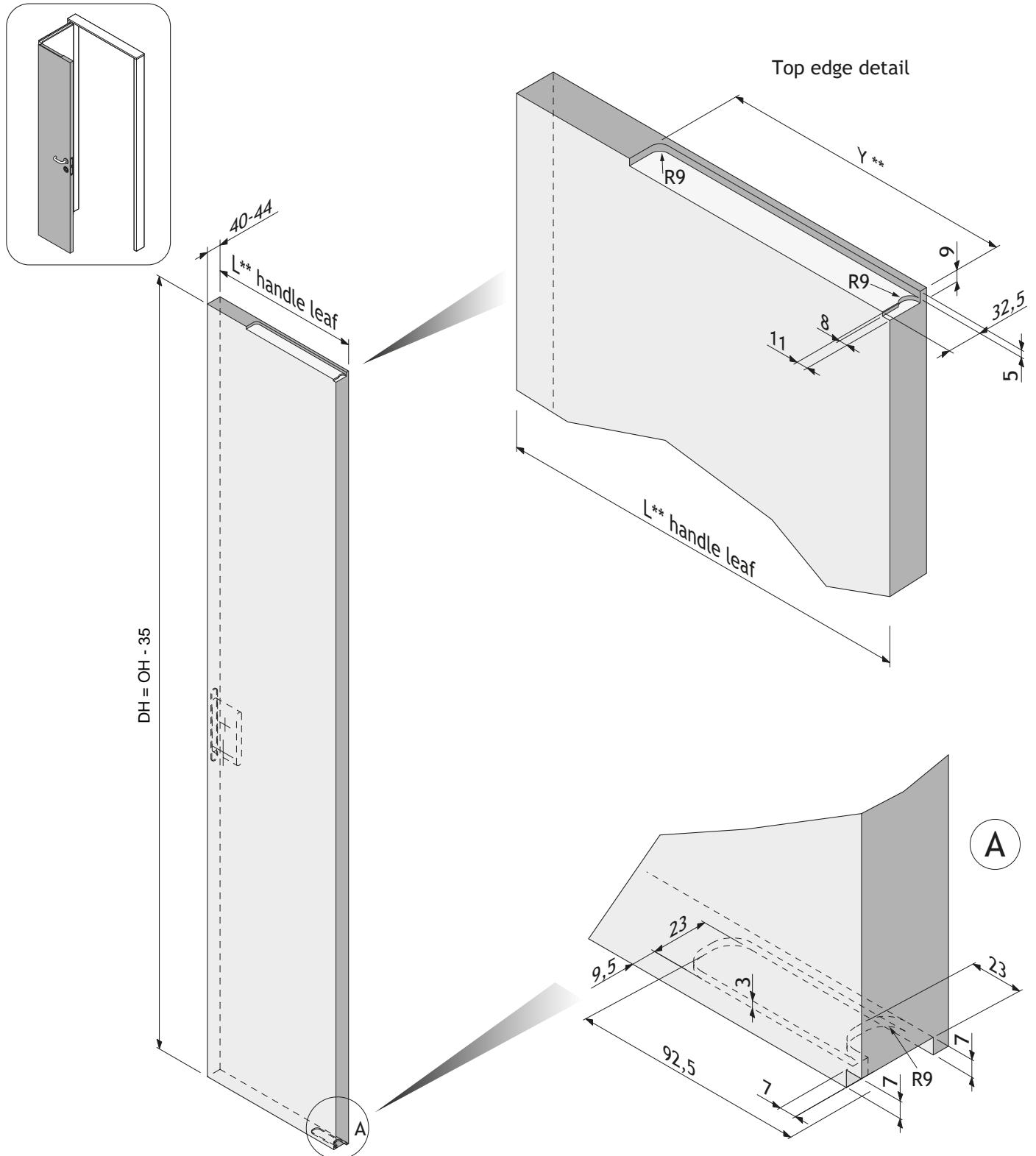


OH = Opening Height
DH = Door Height

4.3 Door leaf handle side

Left leaf door handle side (*Right door is symmetric*)

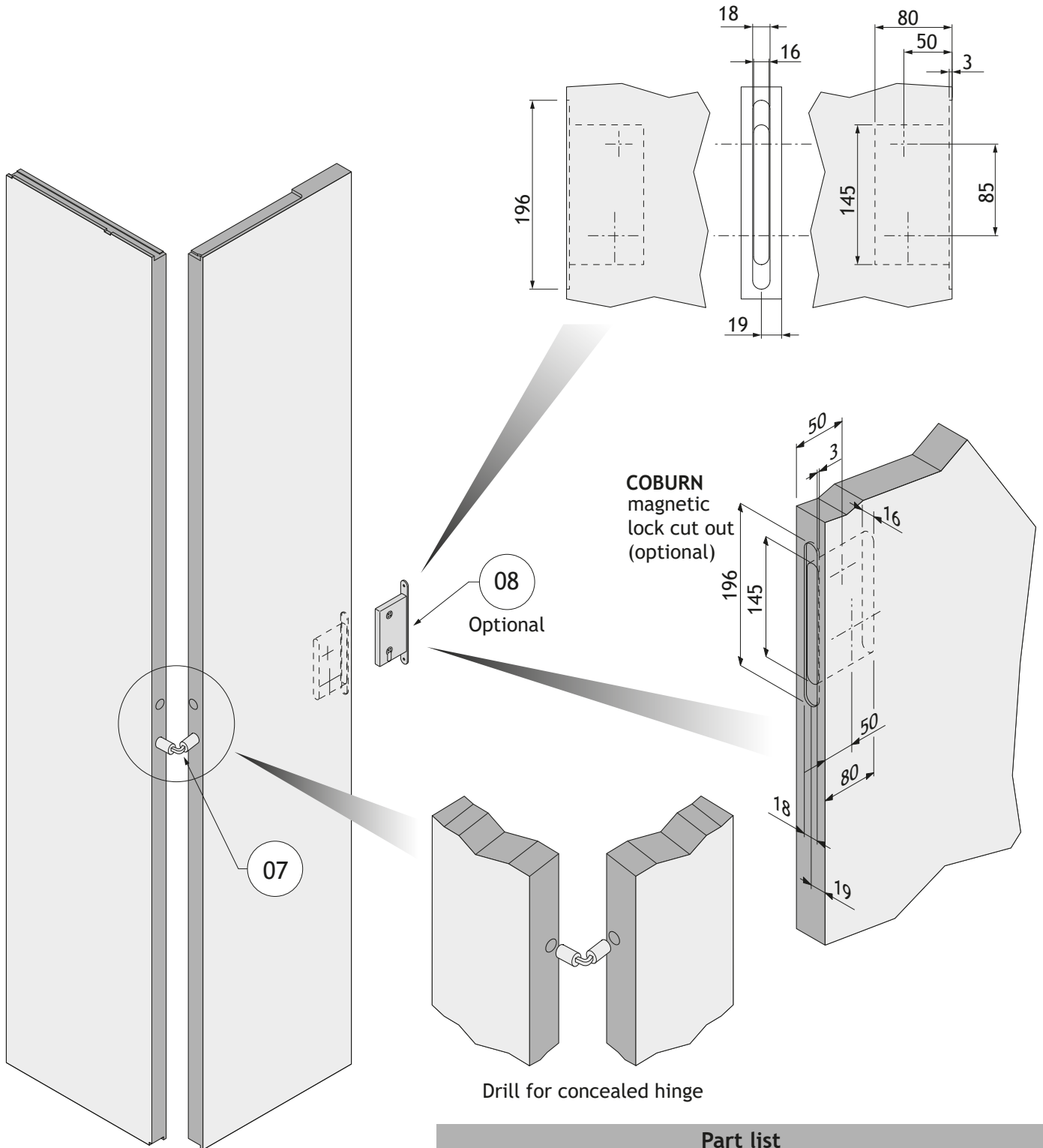
(**) For dimensions see sections 2.4, 2.5, 2.6, 2.7, 2.8



OH = Opening Height
DH = Door Height

4.4 Workings for accessories

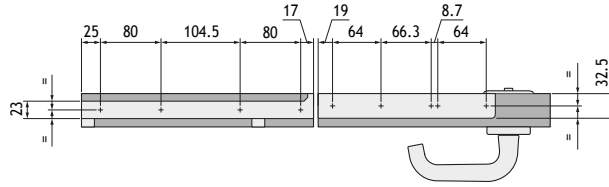
The workings indicated for lock seat are absolutely needed if a complete folding of the leaves pair in opening in the versions 1, 2 and 3 is requested.



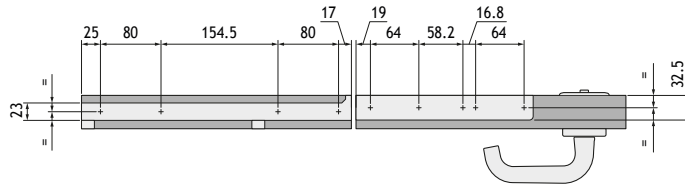
| Part list | | |
|-----------|------|--|
| Ref. | Q.ty | Description |
| 07 | 1 | Concealed hinge for doors alignment |
| 08 | 1 | Coburn Magnetic lock with strikers and special square spindle (optional) |

4.5 Door hardware fixing hole diagrams

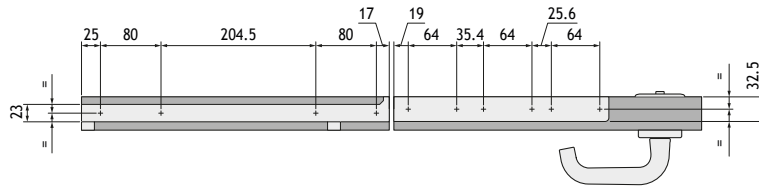
Part Number
61101-61102



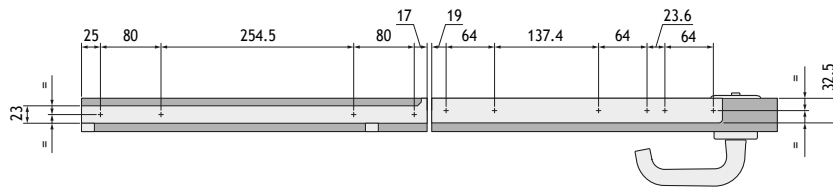
Part Number
61103-61104



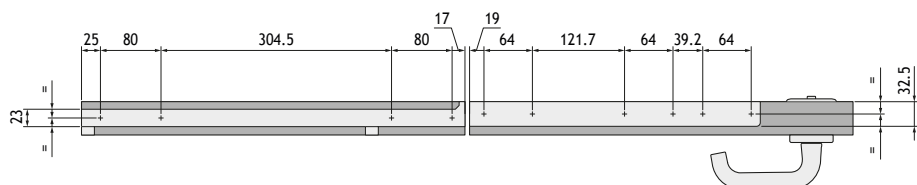
Part Number
61105-61106



Part Number
61107-61108

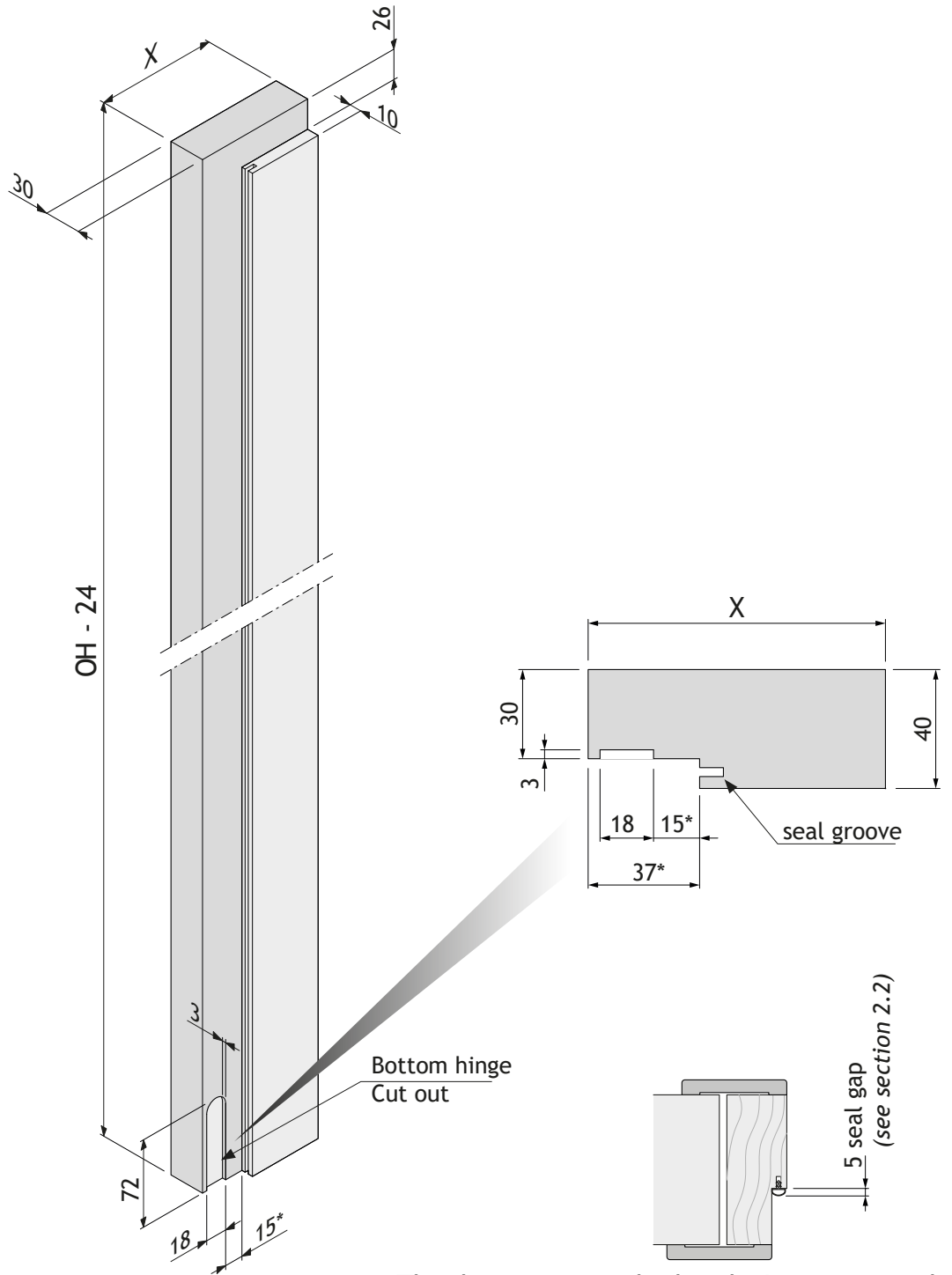
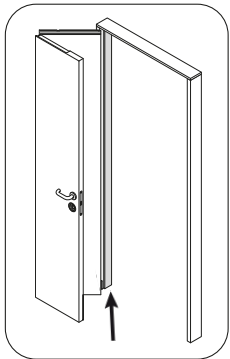


Part Number
61109-61110



4.6 Hinge side door jamb

Door left jamb hinge side (*Right jamb is symmetric*)

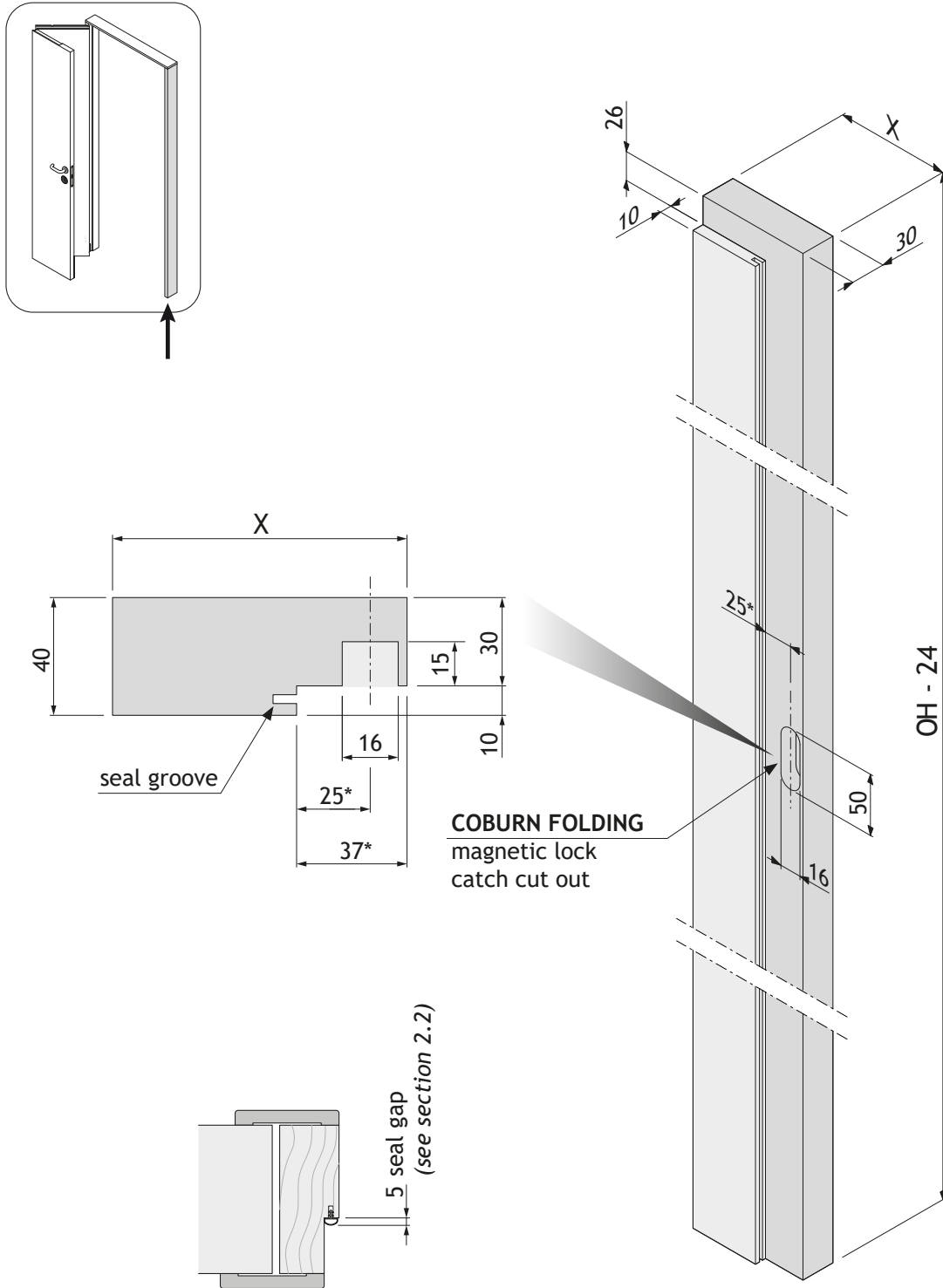


The dimension marked with (*) vary according to the seal gap dimensions

- X = Wall Thickness
- OH = Opening Height

4.7 Handle side door jamb

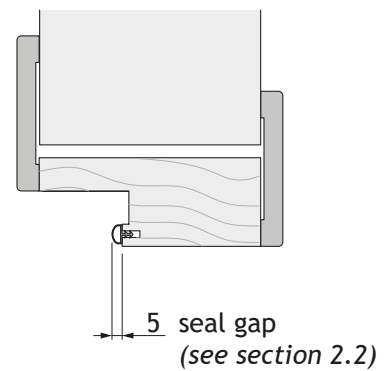
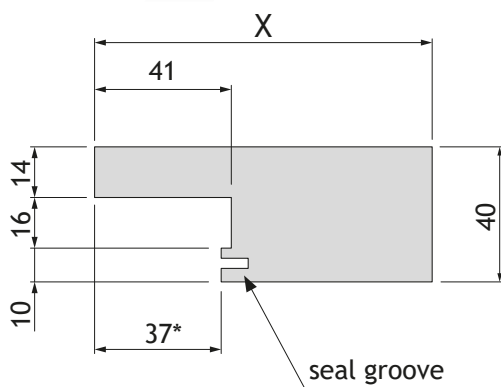
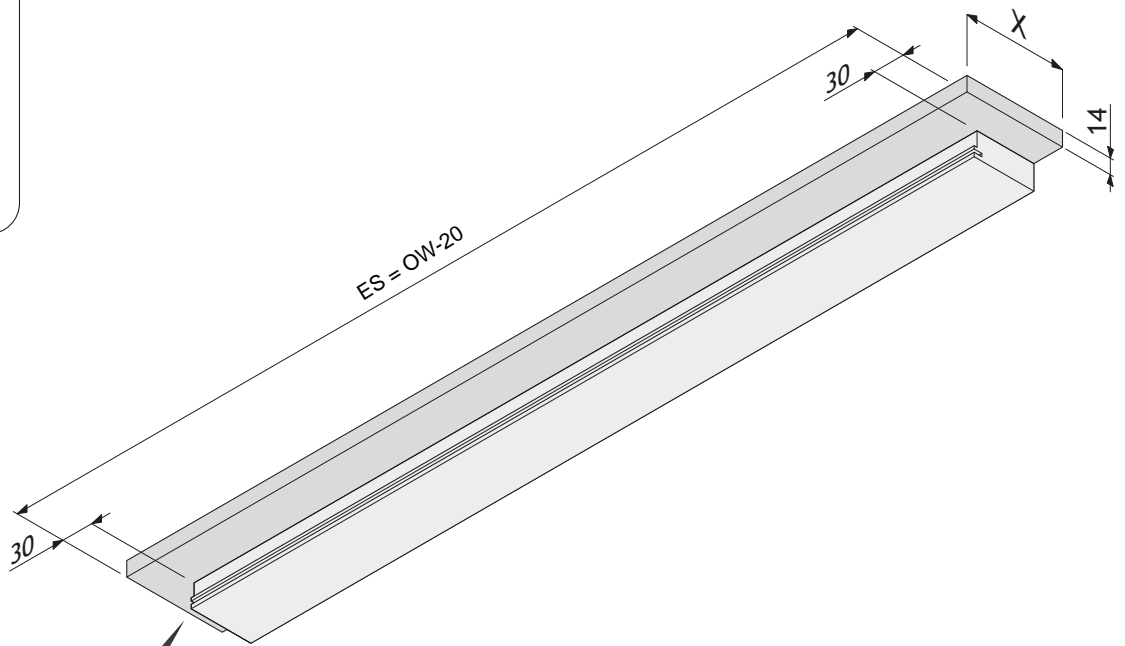
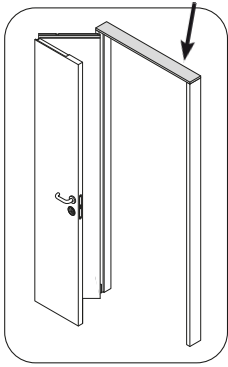
Door left jamb handle side (*Right jamb is symmetric*)



The dimension marked with (*) vary according to the seal gap dimensions.

X = Wall Thickness
OH = Opening Height

4.8 Top Header

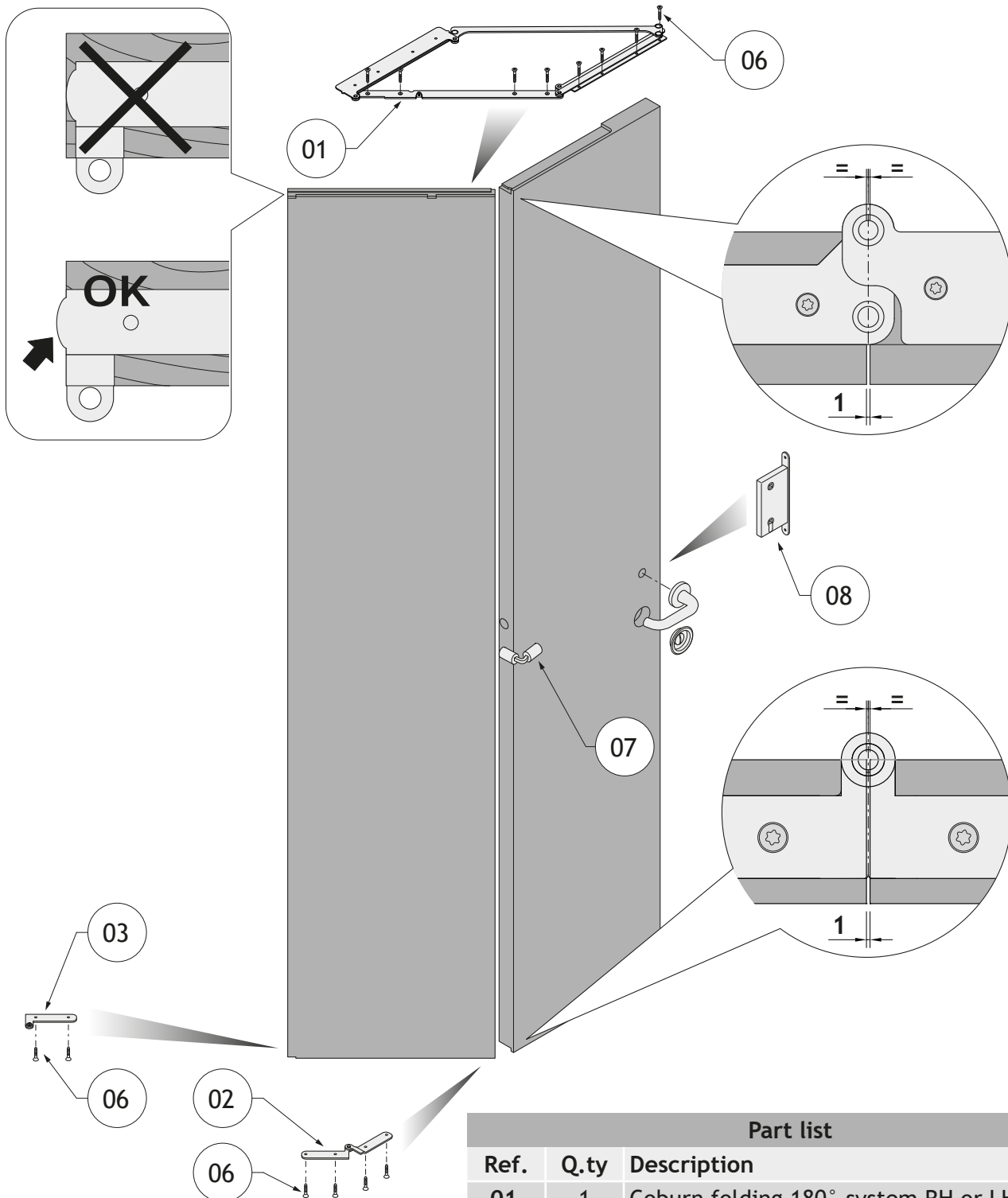


The dimension marked with (*) vary according to the seal gap dimensions.

- X** = Wall Thickness
- ES** = Jamb to Jamb Dimension (= length of the top header)
- OW** = Opening Width

5. ASSEMBLY

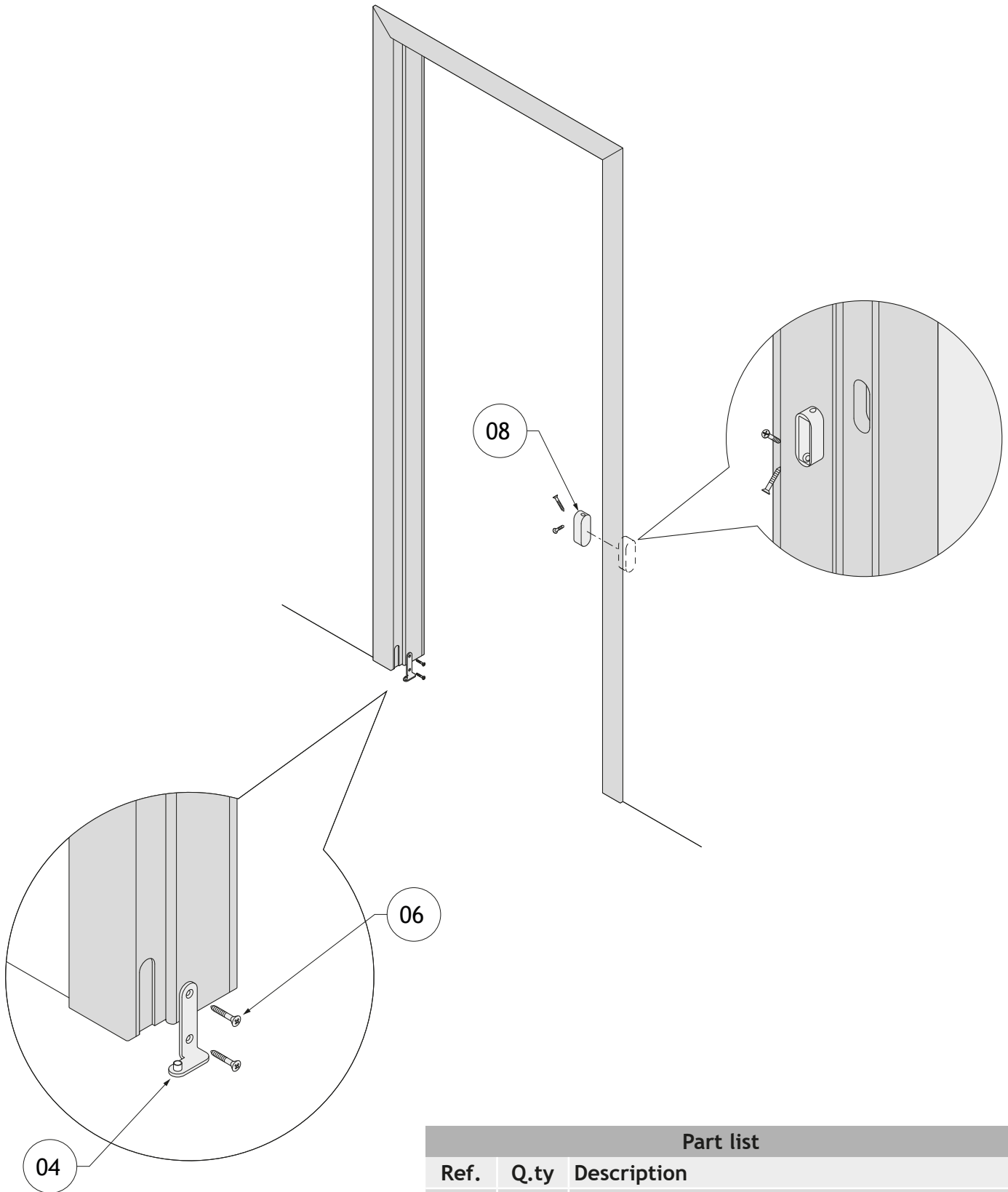
5.1 Assembling the hardware on the door leaf



Part list

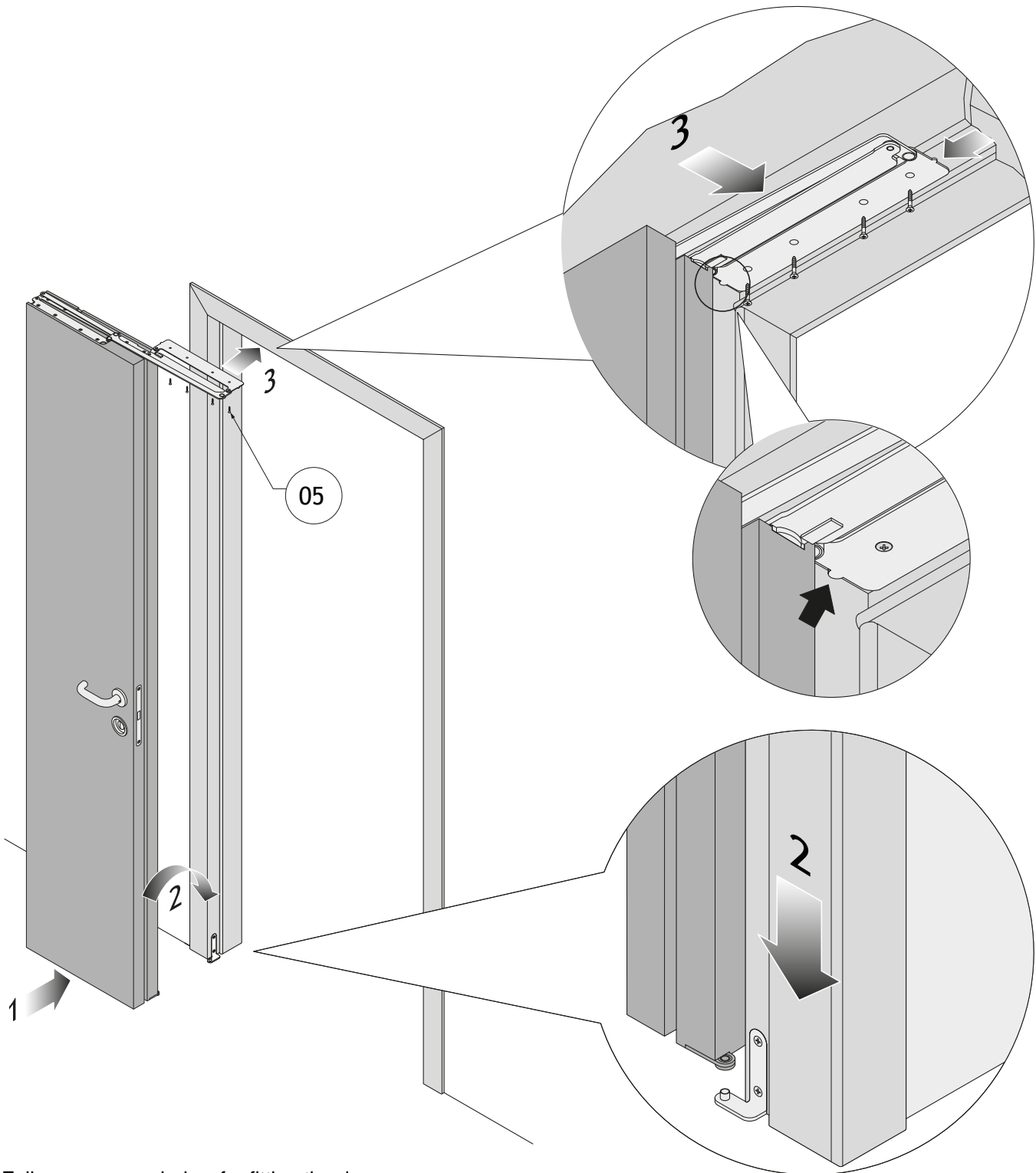
| Ref. | Q.ty | Description |
|------|------|--|
| 01 | 1 | Coburn folding 180° system RH or LH |
| 02 | 1 | Bottom centre hinge |
| 03 | 1 | Bottom pivot for leaf RH or LH |
| 06 | 14 | Screw TSP trx ø 4x30 |
| 07 | 1 | Concealed hinge for alignment leaf |
| 08 | 1 | Magnetic lock Coburn folding with strikers and special square spindle (optional) |

5.2 Assembling the hardware on the jamb



| Part list | | |
|-----------|------|---|
| Ref. | Q.ty | Description |
| 04 | 1 | Bottom pivot for jamb RH or LH |
| 06 | 2 | Screw TSP trx ø 4x30 |
| 08 | 1 | Magnetic lock Coburn folding with strikers (optional) |

5.3 Installation of door leaf on the jambs



Follow sequence below for fitting the doors :

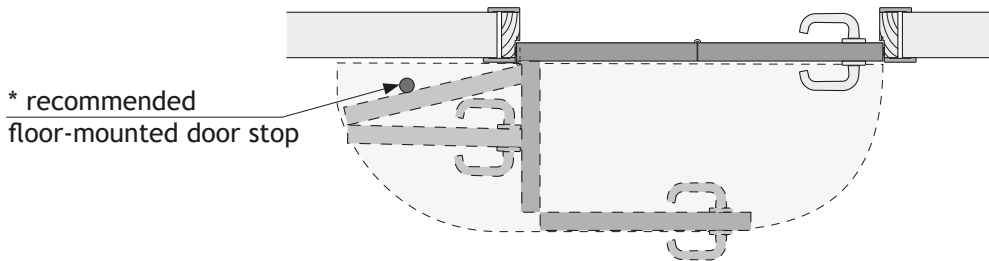
- 1 fold the door leaves against one another
- 2 mount the door on the bottom pivot
- 3 position the top hardware parts in **perfect alignment with the corner** and screw in place (screws included)

| Part list | | |
|-----------|------|----------------------|
| Ref. | Q.ty | Description |
| 05 | 4 | Screw TSP trx ø 4x20 |

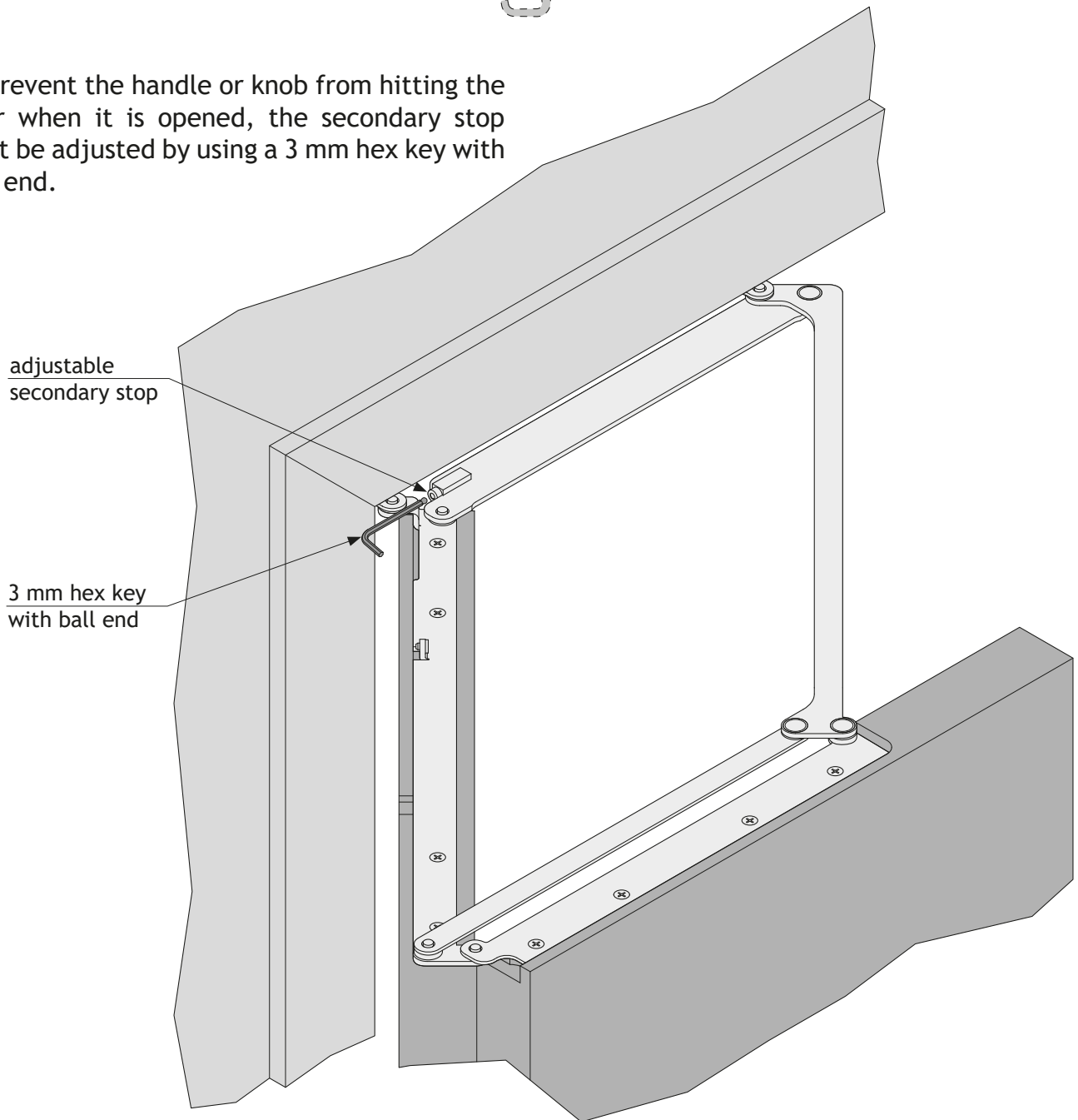
6. ADJUSTMENT OF SECONDARY STOP

The adjustable secondary stop is used when traditional paired door handles or knobs are used for versions 1, 2 and 3 (see chapter 2. VARIANTS OF USE).

This also makes it possible to use a traditional lock.



To prevent the handle or knob from hitting the door when it is opened, the secondary stop must be adjusted by using a 3 mm hex key with ball end.



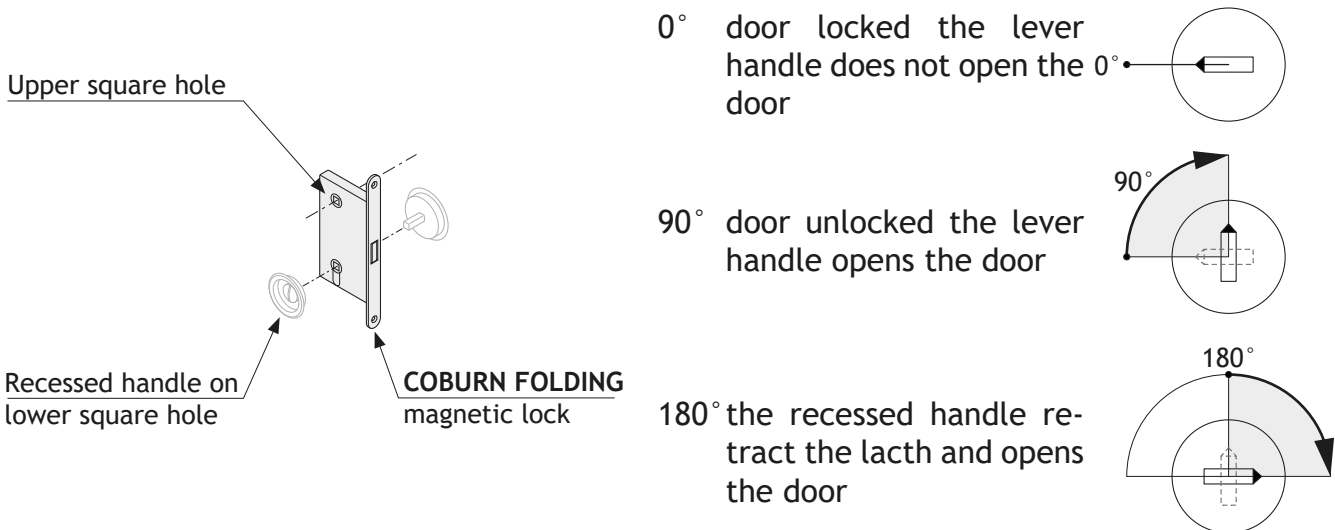
*** Important:** after adjusting the stop, a floor-mounted doorstop should also be installed.

7. SPECIAL COBURN MAGNETIC LOCK

If lever handles cannot be used because of the way the doors fold together, it is necessary to use the special **COBURN** magnetic lock, which makes it possible to use a recessed handle on the lower section of the lock mechanism to lock the door or to retract the latch. This system provides 180° rotation. The special **COBURN** magnetic lock also makes it possible to install the flush handle on the door, to ensure privacy when the door opens into the room.

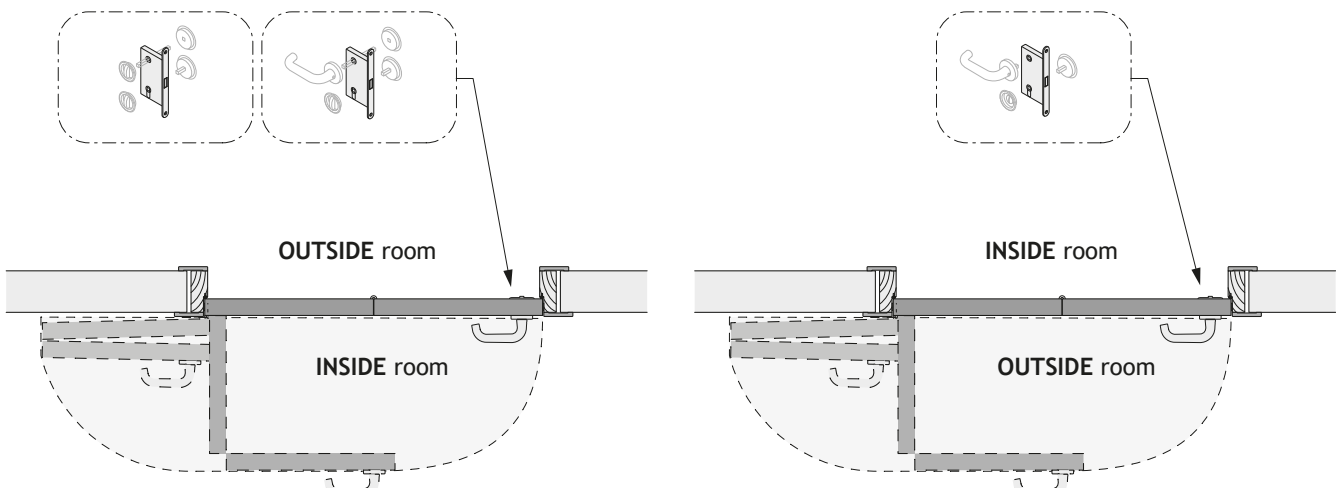
It is possible to use a traditional lock for paired handles only with **variants 4 and 5** of the **COBURN FOLDING 180°** system (see Section 2. *VARIANTS OF USE*), or by using the secondary stop (see Section 6, *ADJUSTMENT OF SECONDARY STOP*).

With the **COBURN** lock, the recessed handle installed on the lower square hole functions as follows:



Recessed handle on upper square hole, to ensure privacy when the door opens into the room.

To unite the lever handle with the recessed handle, use the special hub square in the lock pack.





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