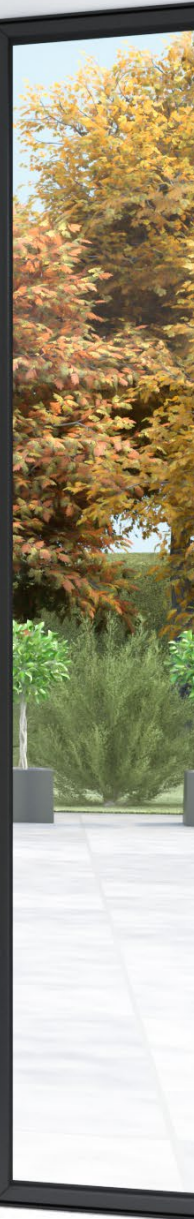


# STEALTHPIVOT

By PortaPivot

TECHNICAL DOCUMENTATION

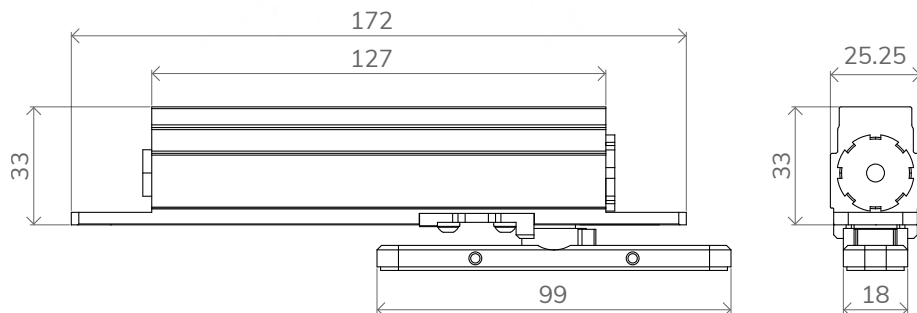


## 01 / STEALTHPIVOT NL & XL



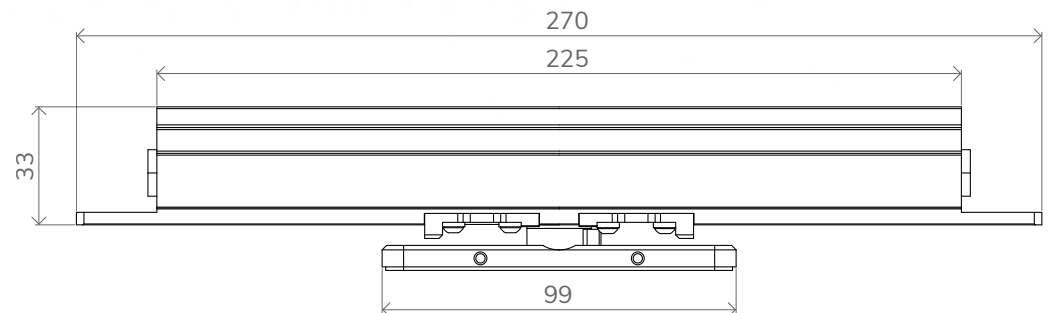
### STEALTHPIVOT NL

- For doors up to 1250 mm wide
- Max. weight 75 kg (165 lbs)
- Maintenance free
- Silent 90° hold function
- 90° stop or 360° rotation

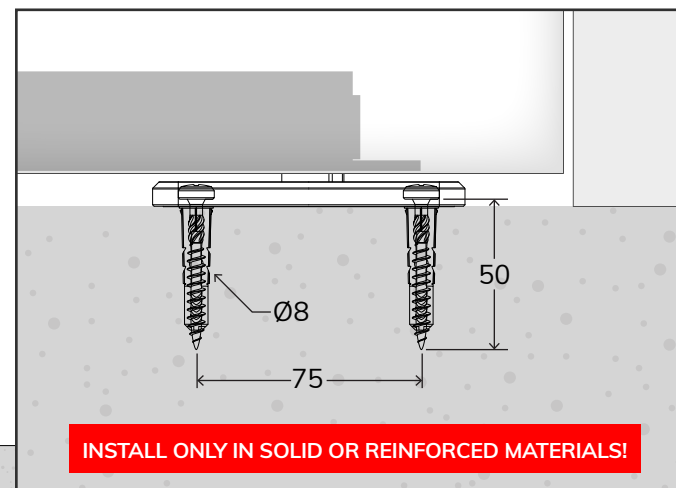
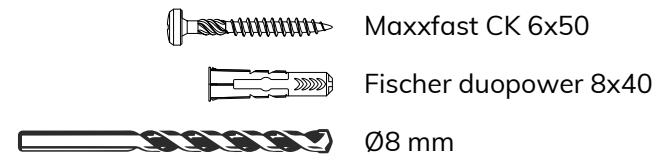
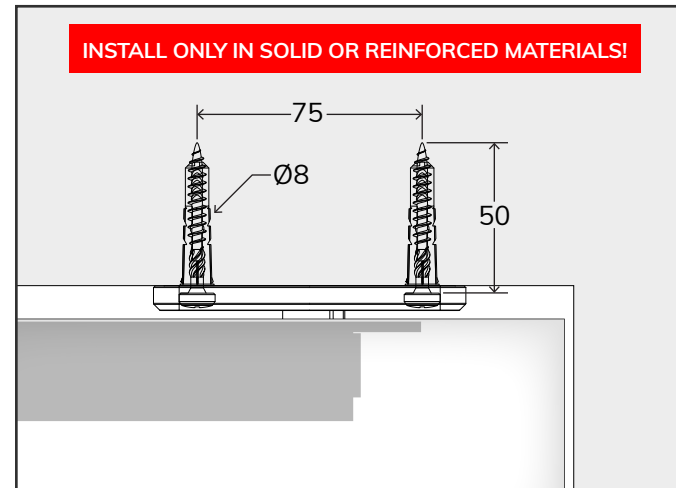


### STEALTHPIVOT XL

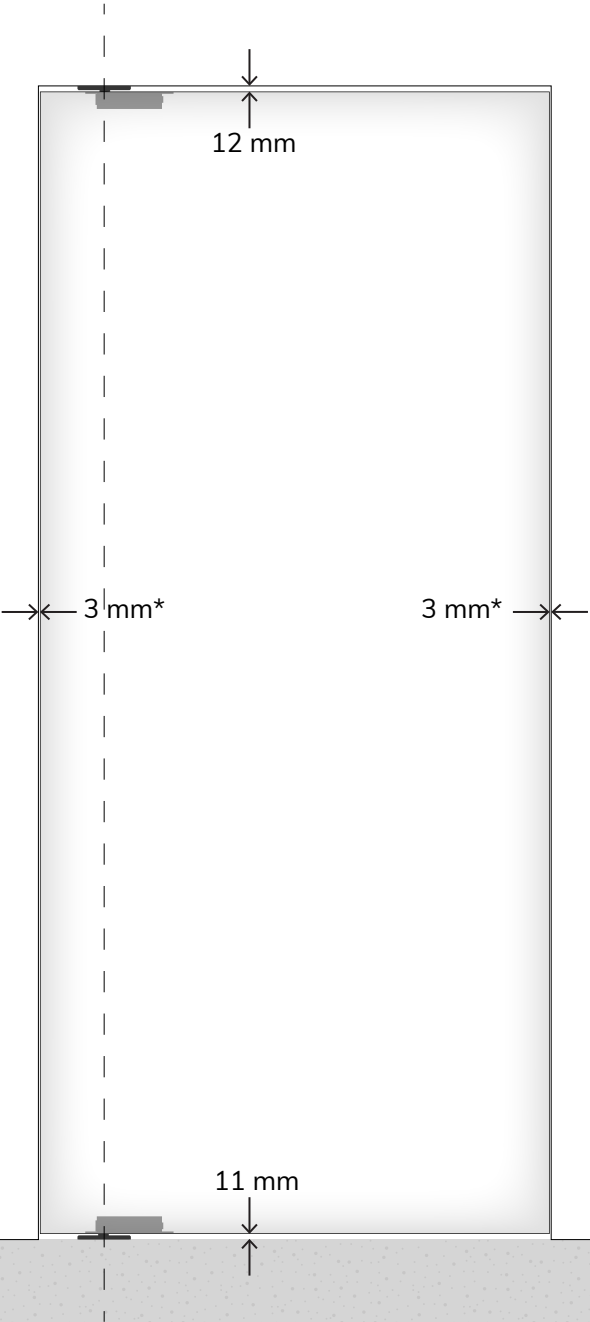
- For doors up to 2250 mm wide
- Max. weight 150 kg (330 lbs)
- Maintenance free
- Silent 90° hold function
- 90° stop or 360° rotation



## 02 / EASY INSTALLATION



# 03 / ADVISED JOINT DIMENSIONS



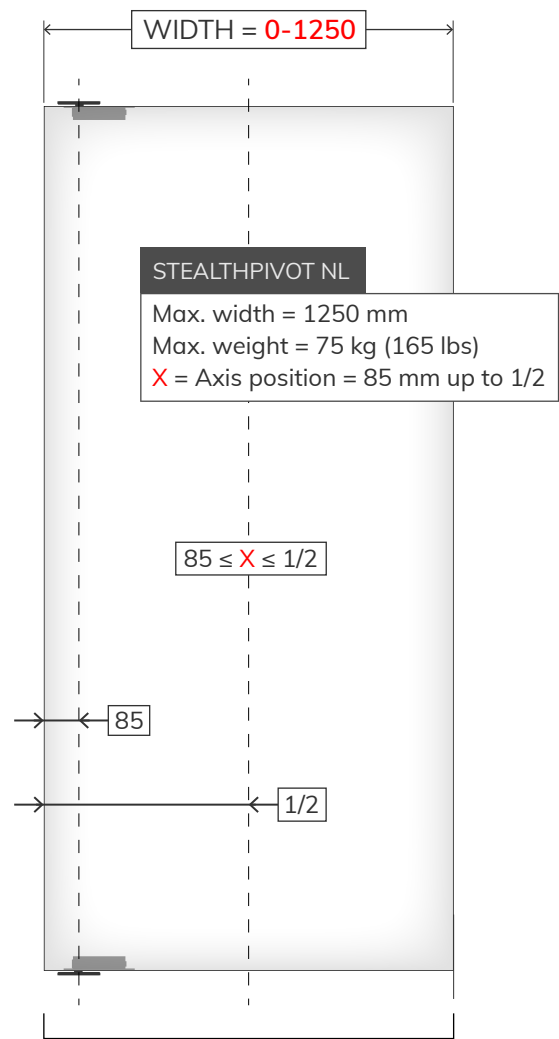
**TOP:** min. 12 mm  
**BOTTOM:** min. 11 mm

**\*LEFT & RIGHT:**  
The minimum joint depends on the door thickness and pivot distance. For visual coherence, we advise to use equal joints left and right. See visual and table below for advised left and right joint dimensions.

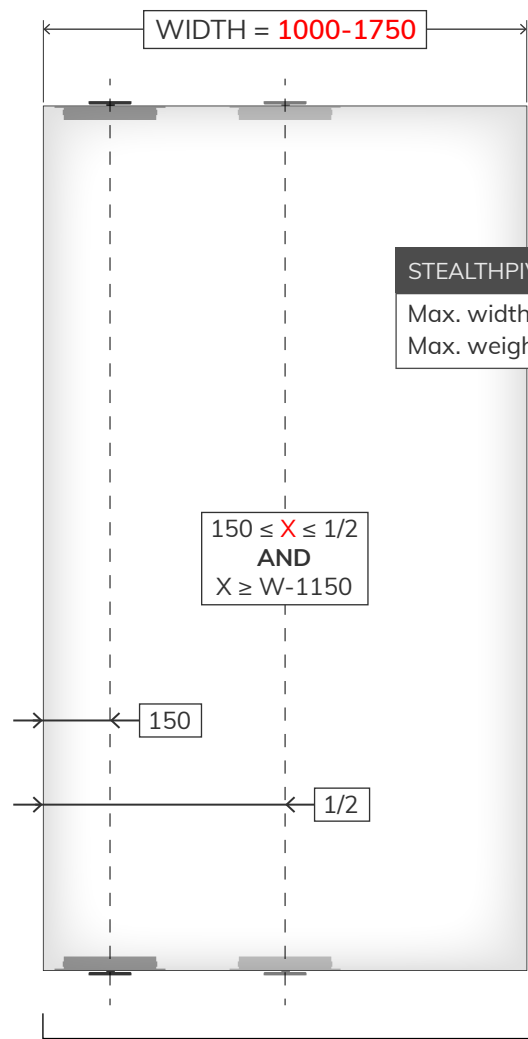


| X▼   | joint A & B |    |    |    |
|------|-------------|----|----|----|
| 1000 | 2           | 2  | 2  | 3  |
| 500  | 2           | 2  | 3  | 3  |
| 250  | 3           | 3  | 3  | 4  |
| 85   | 3           | 4  | 5  | 7  |
| Th►  | 30          | 40 | 50 | 60 |

04 / DOOR SPECIFICATIONS

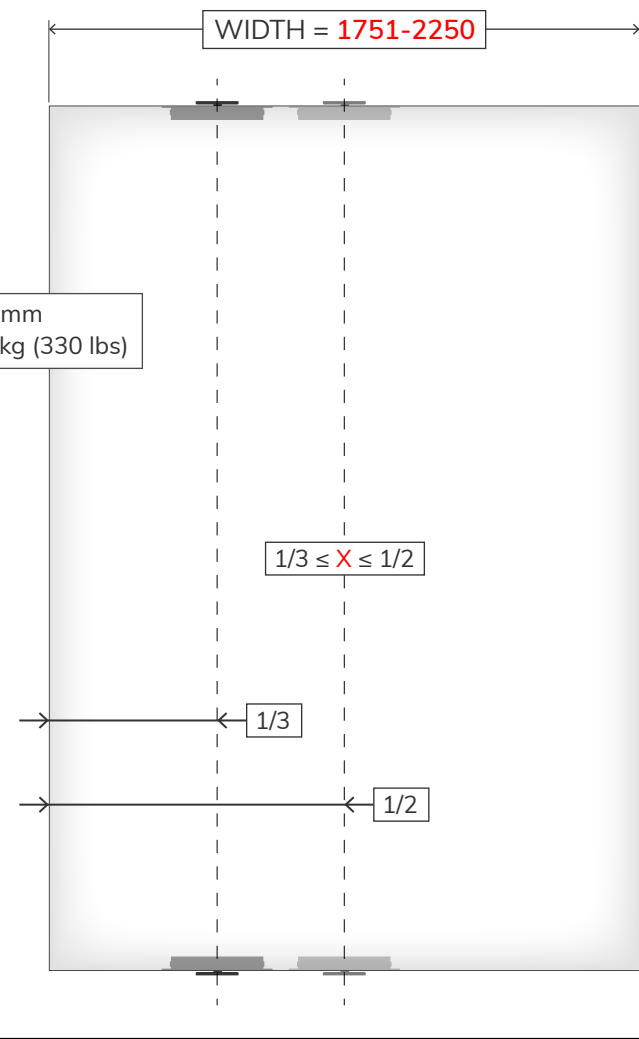


NL PIVOT



| WIDTH | W-1150 | X range   |
|-------|--------|-----------|
| 1100  | -50    | 185 - 1/2 |
| 1200  | 50     | 150 - 1/2 |
| 1350  | 200    | 350 - 1/2 |
| 1500  | 350    | 600 - 1/2 |

EXAMPLES

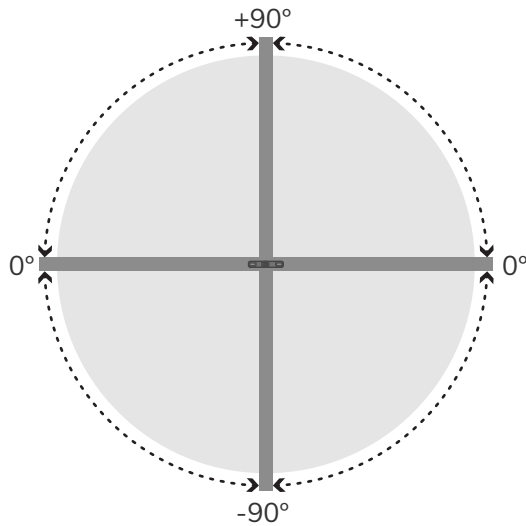


XL PIVOT

| WIDTH | X range   |
|-------|-----------|
| 1751  | 584 - 1/2 |
| 1800  | 600 - 1/2 |
| 1950  | 650 - 1/2 |
| 2100  | 700 - 1/2 |

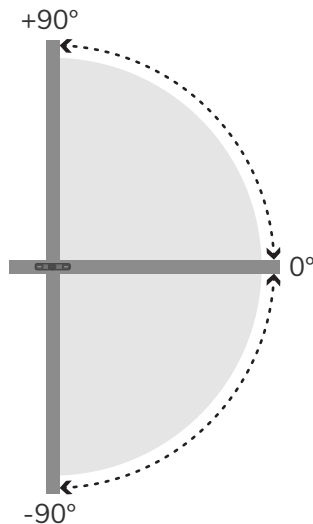
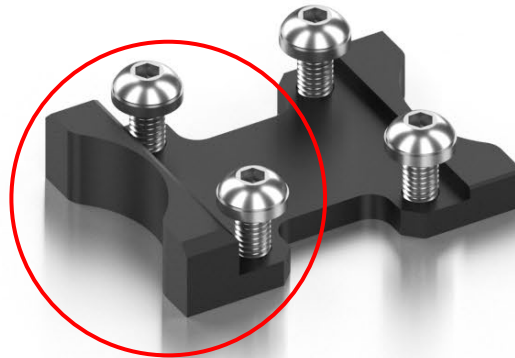
EXAMPLES

## 05 / DOOR ROTATION AND 90° HOLD



### 360° rotation with 90° hold

By simply rotating the S90 position, you unlock 360° functionality. The built-in silent hold function activates at +90°, 0° and -90°.

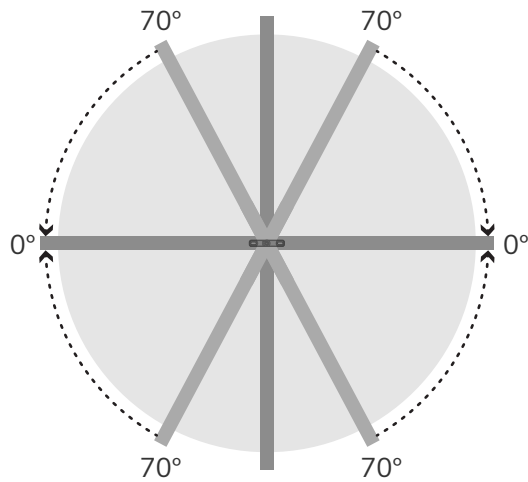


### 180° rotation with 90° hold

With the S90 installed (thick part against the pivot center), the hinge will stop at +90° and -90°. The built-in silent hold function activates at +90°, 0 and -90°.



## 06 / SELF-CLOSING FUNCTION



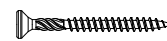
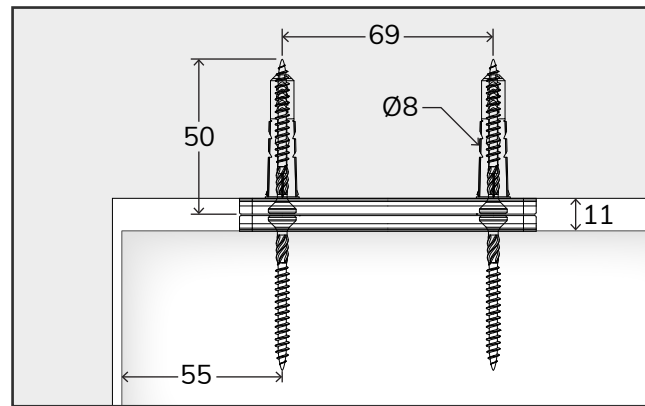
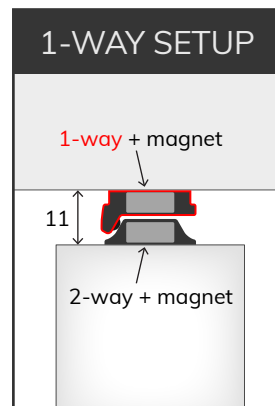
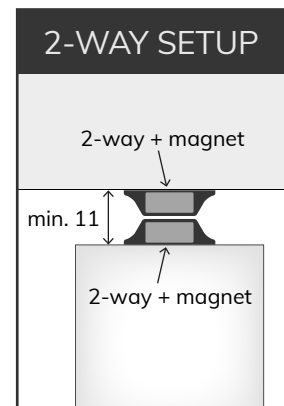
The pivot hinge will start to self-close from a 70° angle.

Both pivot hinge systems are equipped with 480N gas dampers which can easily be replaced.

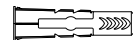
Optional 750N dampers are also available.



## 07 / OPTIONAL 0° POSITIONING SYSTEMS



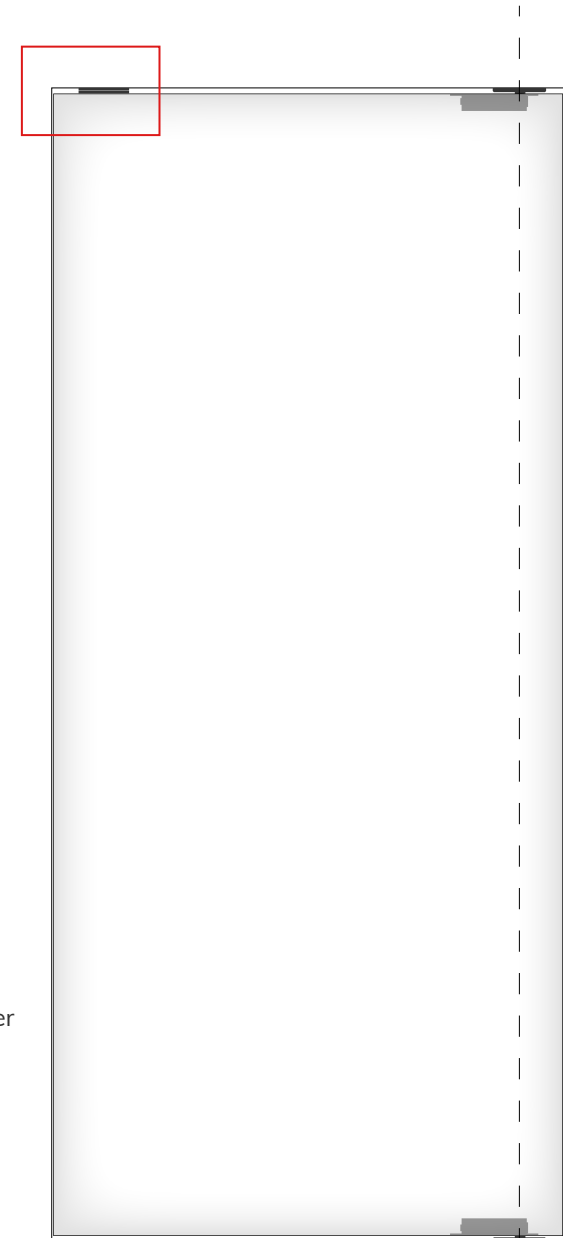
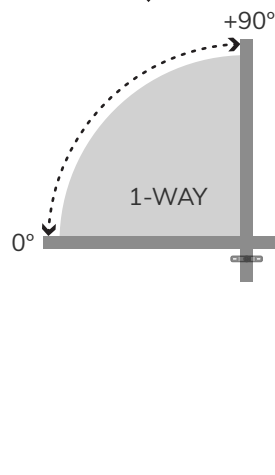
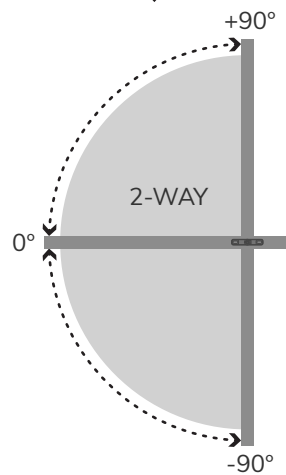
Maxxfast CST 4.5x50



Fischer duopower 8x40

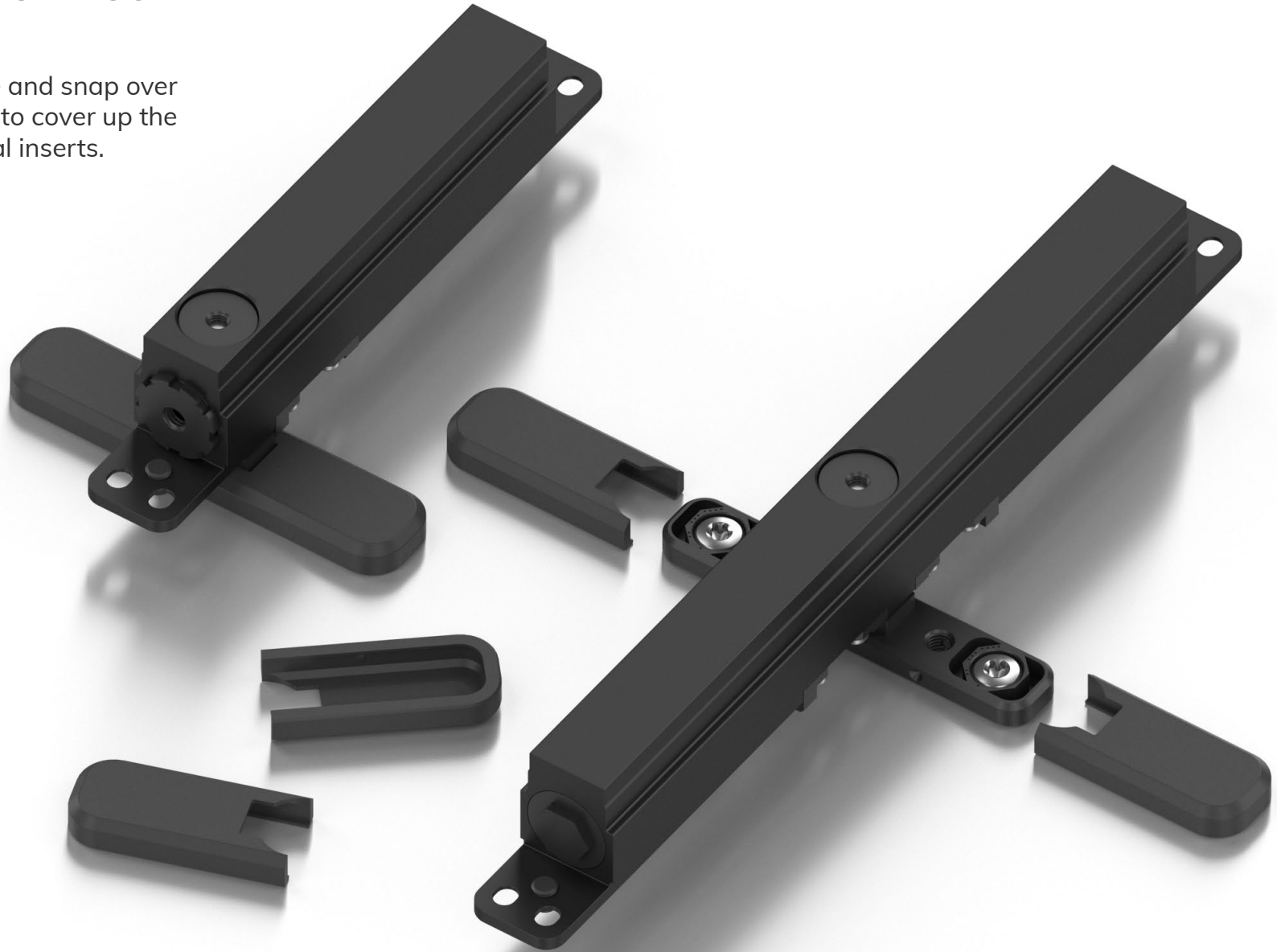


Ø8 mm



## 08 / PIVOT MOUNT COVER

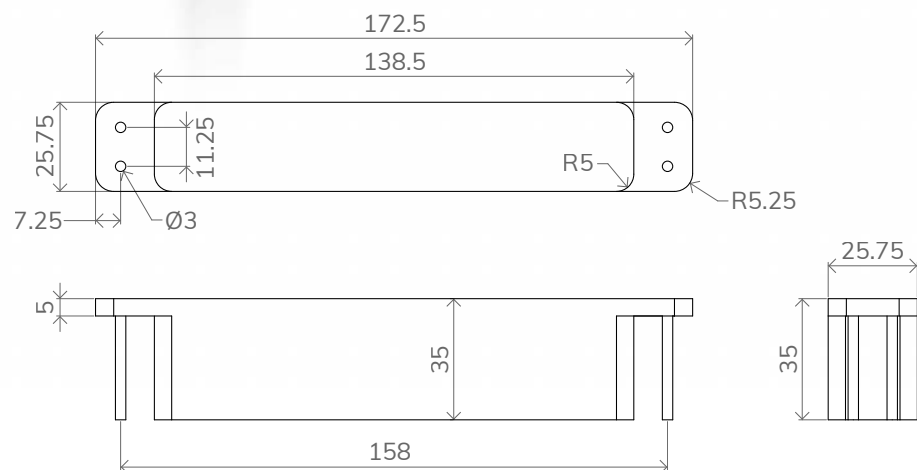
3D printed parts slide and snap over the base of the hinge to cover up the screws and hexagonal inserts.



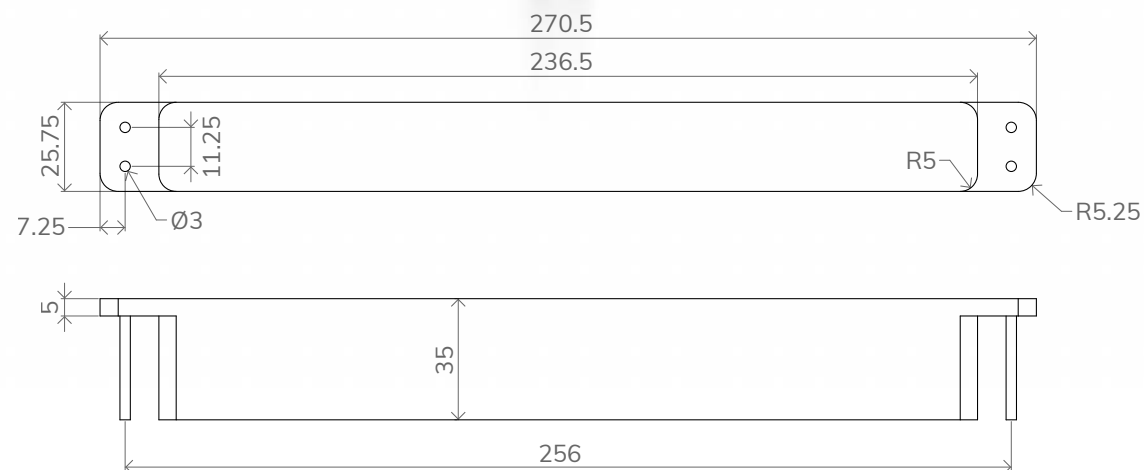
## 09 / STEALTHPIVOT CAVITY DIMENSIONS (mm)



STEALTHPIVOT NL



STEALTHPIVOT XL



# STEALTHPIVOT NL SET



2 x PAP-SPE (=NL)



SCAN FOR



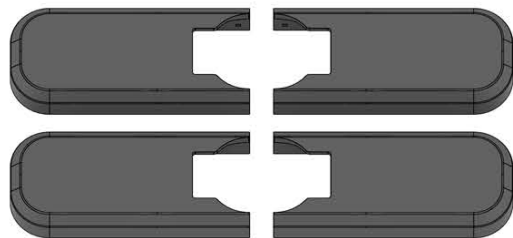
MANUALS



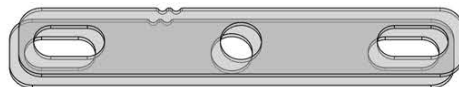
4 x SP-CRL



2 x SP-PZOV 1 mm



4 x PAP-ADKPB



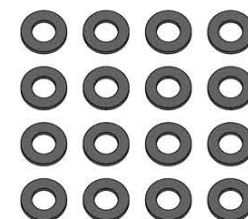
2 x SP-PZOV 1.5 mm



2 x SP-PZOV 3 mm



4 x DIN916-M6x6



16 x DIN 988-5x10x1



1 x TORX BIT TX 20



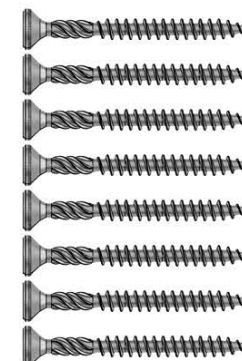
1 x TORX BIT TX 25



4 x Maxxfast  
CK 6x50



8 x DIN ≈965 A  
M5x10



8 x Maxxfast  
CST 4.5x50

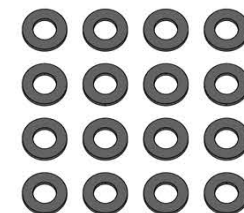


4 x Fisher  
Duopower 8x40

# STEALTHPIVOT XL SET



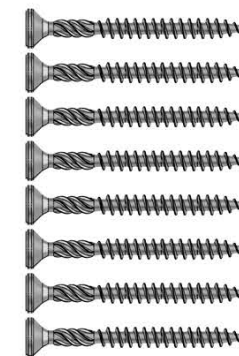
4 x DIN916-M6x6



16 x DIN 988-5x10x1



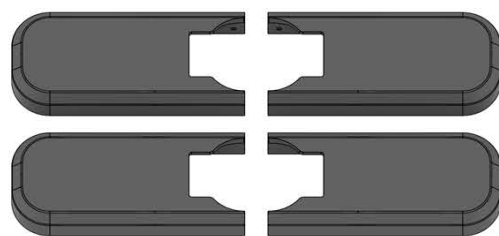
8 x DIN ≈965 A  
M5x10



8 x Maxxfast  
CST 4.5x50



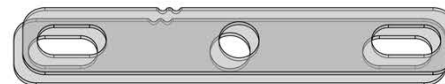
4 x SP-CRL



4 x PAP-ADKPB



2 x SP-PZOV 1 mm



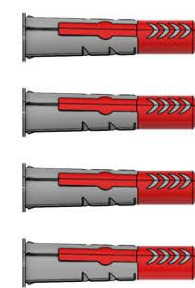
2 x SP-PZOV 1.5 mm



2 x SP-PZOV 3 mm



4 x Maxxfast  
CK 6x50



4 x Fisher  
Duopower 8x40

## OPTIONAL STEALTHPIVOT NL ACCESSORY SET



1 x PAP-1W



2 x magnet South/North



4 x Maxxfast CST 4.5x50



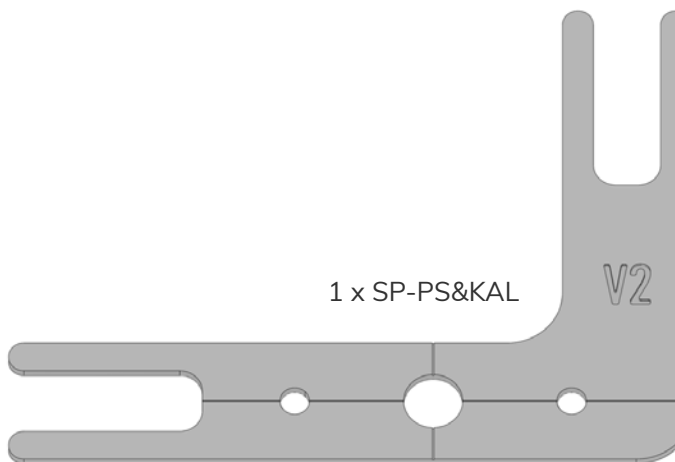
2 x PAP-2W



4 x ISO 10642 - M4x8



2 x Fisher Duopower 8x40



1 x SP-PS&KAL

V2

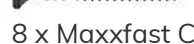
## OPTIONAL STEALTHPIVOT XL ACCESSORY SET



2 x PAP-1W



4 x magnet South/North



8 x Maxxfast CST 4.5x50



4 x ISO 10642 - M4x8



4 x PAP-2W



2 x SP-PZOV 1 mm



2 x SP-PZOV 1.5 mm



4 x Fisher Duopower 8x40

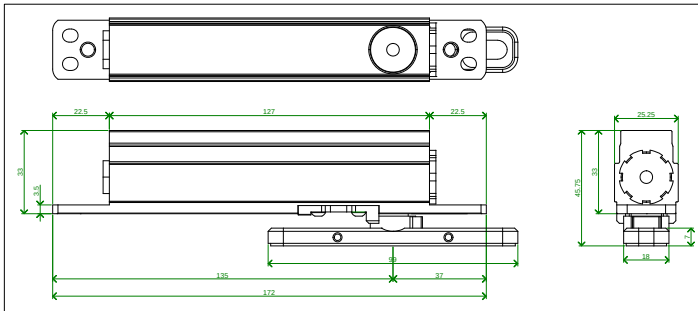
# Stealthpivot CAD files

**Stealthpivot NL - 3D**



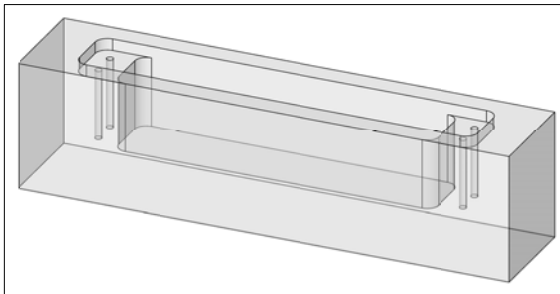
- STEP file  
- DXF file

**Stealthpivot NL - 2D dimensions**



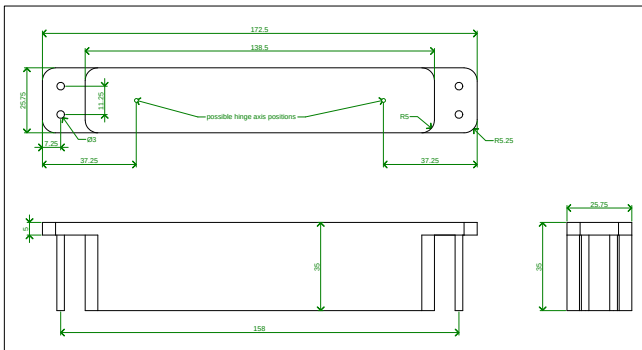
- PDF file  
- DXF file  
- DWG file

**Stealthpivot NL Cavity - 3D data**



- STEP file  
- DXF file

**Stealthpivot NL Cavity - 2D dimensions**



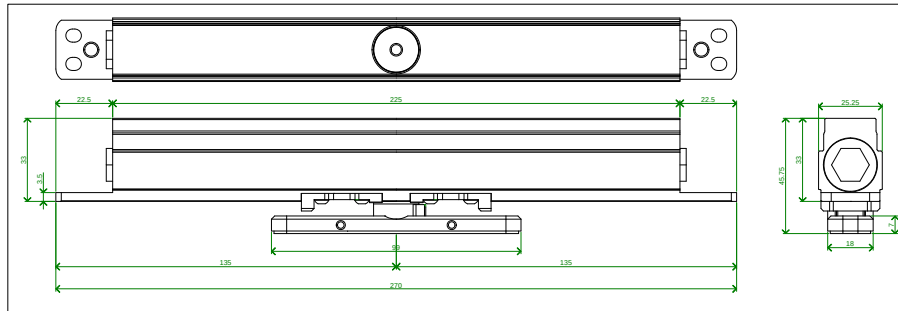
- PDF file  
- DXF file  
- DWG file

**Stealthpivot XL - 3D**



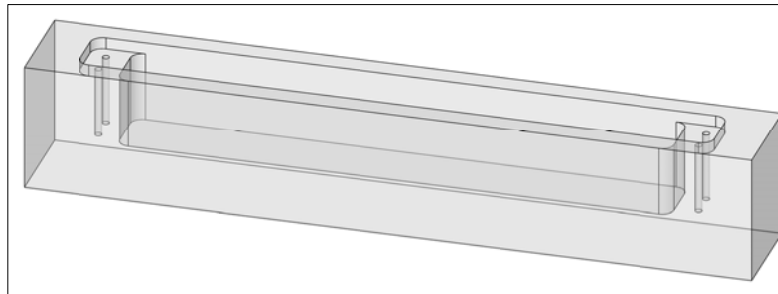
- STEP file  
- DXF file

**Stealthpivot XL - 2D dimensions**



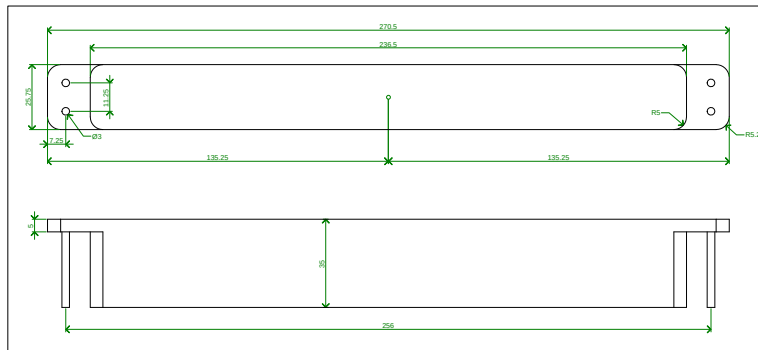
- PDF file  
- DXF file  
- DWG file

**Stealthpivot XL Cavity - 3D data**



- STEP file  
- DXF file

**Stealthpivot XL Cavity - 2D dimensions**



- PDF file  
- DXF file  
- DWG file