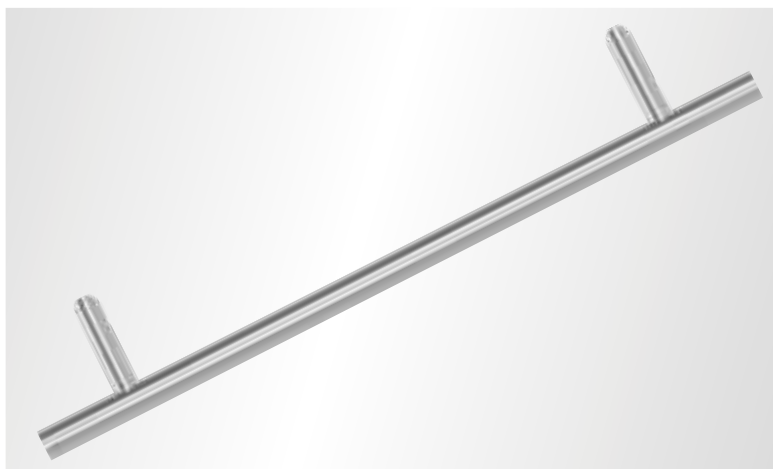


TECHNOLOGY IN MOTION



# MACO PRO-DOOR

DOOR HINGES



Catalogue



Part number



Packing unit



Load capacity with 3 hinges



Packer thickness

**FH =** Frame height

**RS =** Rebate leg screw-fixing



For house and secondary entrance doors made of PVC

**Note:** If not otherwise specified, all dimensions are stated in millimetres and packing units in items per box.

**Packing units (PU)** with 3/12 or 24 door hinges.

**Notice!** Supplied only in whole packing units - in case of an order of smaller quantities than one packing unit, the supplying quantity will automatically be rounded up to a whole packing unit!



Dear MACO customer,

You are holding our new order catalogue in your hands. Our main aim was to present our product range in a simple and easy-to-understand manner in order to provide you with a practical working document. In addition to this catalogue, our package leaflet and assembly instructions will help you to process and install our products correctly. These are available to download from [www.maco.eu](http://www.maco.eu).

Our products help to ensure that windows, doors and large-scale elements offer optimum function and security. As a premium manufacturer, that carries out its business according to the highest standards, the optimum quality and functionality of our hardware is our top priority. While we guarantee the best possible product characteristics for our hardware components, the responsibility for professional installation and correct fixing lies in your hands.

We want to support you, as a dealer or fabricator, with your responsibility for the safety of your products. Our binding assembly instructions and package leaflets provide information about the general use and processing of our hardware. To ensure the best fabrication and attachment of the hardware components – to suit the relevant installation situation, such as strength and profile design of the timber, arrangement of chambers and reinforcement in PVC profiles, etc., you can have elements tested and evaluated at our certified test centre: an air permeability and driving rain test as well as a pull-out test will help you to meet CE marking requirements. This means that you can rest assured that you are meeting all the standards and directives applicable to you.

You can find information about how to properly store our hardware components in the VHBH guideline of the Quality Assurance Association: Locks and Hardware ([www.fvsb.de](http://www.fvsb.de)) or section Information on storage and transport of hardware components.

***Important for dealers: MACO supplies its products with the corresponding number of package leaflets. As a dealer, you are responsible for enclosing the correct number of package leaflets with the products sold by you. Also, please ensure that you make your customers aware of the relevant binding instructions and legal aspects of the document.***

We also provide you with operation and maintenance instructions for end users for you to pass on to your customers. These can also be downloaded from the MACO website ([www.maco.eu](http://www.maco.eu)).

We are offering an option in our extranet ([extranet.maco.eu](http://extranet.maco.eu)) with our online catalogue, which, in addition to highly up-to-date information, also offers the advantage of extensive additional technical information for all components. You can obtain access details from your contact partner in field sales.

All of our printed documentation is continuously revised and expanded. Please make sure that you are working with our most current documentation. All of our documentation is available for download from [www.maco.eu](http://www.maco.eu). We hope that the catalogue will prove to be a valuable tool for your daily work. We wish you every success and hope to see you online soon.

Please fill in completely

<b>We confirm receipt and approvingly acknowledge its contents.</b>	
<div style="border: 1px solid black; width: 100%; height: 100%; position: relative;"> <span style="position: absolute; top: 5px; left: 5px; font-size: small;">Stamp:</span> </div>	<hr style="border: 0; border-top: 1px solid black; margin: 0;"/> <p style="text-align: center; font-size: small;">Please print your name in capital letters</p>
Date: _____	Signature: _____

MACO sales manager: \_\_\_\_\_

MACO  
PRO-DOOR



Symbols



<b>1</b>	<b>Technical and general information</b>	<b>1</b>	<b>7</b>
<hr/>			
<b>2</b>	<b>Door Hinge T120 P for PVC</b>	<b>2</b>	<b>9</b>
<hr/>			
<b>3</b>	<b>Door Hinge T100 R Butt Hinge</b>	<b>3</b>	<b>17</b>
<hr/>			
<b>4</b>	<b>Door hinge T100 P PLUS</b>	<b>4</b>	<b>23</b>
<hr/>			
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<b>6</b>	<b>Door hinge T160 P PLUS</b>	<b>6</b>	<b>33</b>
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<hr/>			
<b>8</b>	<b>Door Hinge T80 C for Composite</b>	<b>8</b>	<b>45</b>
<hr/>			
<b>9</b>	<b>Door handles</b>	<b>9</b>	<b>49</b>
<hr/>			
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<b>11</b>	<b>Directory</b>		
<hr/>			

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PRO-DOOR





## 1 Technical and general information

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1.2	Storage instructions fittings	8
1.3	Certificates and guarantees	8
1.4	General terms and conditions (T&Cs)	8



## 1 Technical and general information

### 1.1 How to use the catalogue

If not otherwise specified, all dimensions are stated in millimetres and packing units in items per box.

Drawings and diagrams are not to scale.

The content of this document is constantly being updated, so regular comparison is necessary.

No liabilities are accepted for possible printing errors, mistakes or changes.

The current version is downloadable from our website ([www.maco.eu](http://www.maco.eu)).

Please send comments or suggestions about our catalogues by email to [feedback@maco.eu](mailto:feedback@maco.eu).

### 1.2 Storage instructions fittings

Improper storage of fittings can affect the surface quality. To prevent this, the following points should be noted:

- Ensure that the room air is permanently dry.
- Large temperature fluctuations, which lead to condensation must be prevented. Condensation on fittings means that the galvanized surfaces are attacked.

- Aggressive vapors by cleaners or assembly aids such as silicone, and the like must - be avoided - even briefly. Vapors of such substances can cause very rapid corrosion of fittings.
- Salty air or polluted by industrial air causes galvanized surfaces to corrode and can leave deposits.

### 1.3 Certificates and guarantees

MACO ensures high quality, not only with ongoing continuous internal testing, but also through external auditing by renowned, independent institutes. Copies of all our current independent test certificates, covering our quality, safety and environmental management systems, as well as our product

guarantees are available to download from our website [www.maco.eu](http://www.maco.eu). In addition our safety descriptions relating to dangerous substances (REACH Declaration) are available, covering all MACO products.

### 1.4 General terms and conditions (T&Cs)

Our current general terms and conditions are available for download from our website ([www.maco.eu](http://www.maco.eu)).





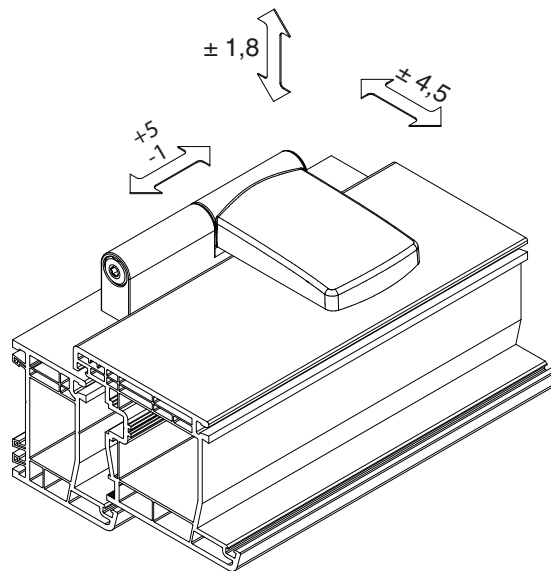
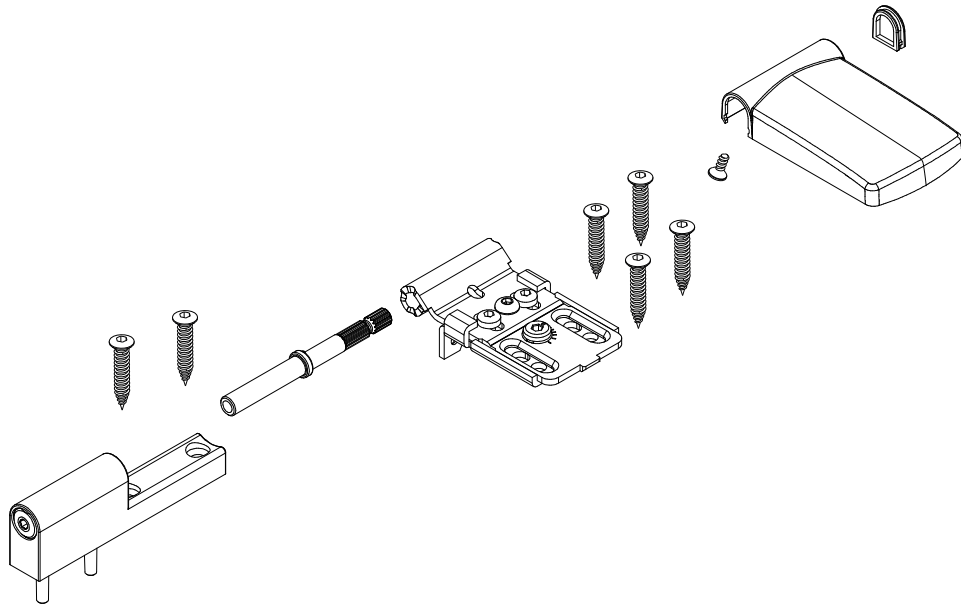
## 2 Door Hinge T120 P for PVC

---

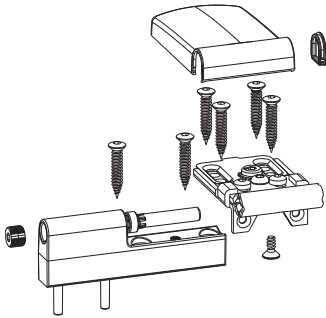
2.1	Installation drawing T120 P	10
2.2	Frame height FH16	11
2.3	Frame height FH18	12
2.4	Frame height FH20	13
2.5	Frame height FH22	14
2.6	Accessories	15

## 2 Door Hinge T120 P for PVC

### 2.1 Installation drawing T120 P

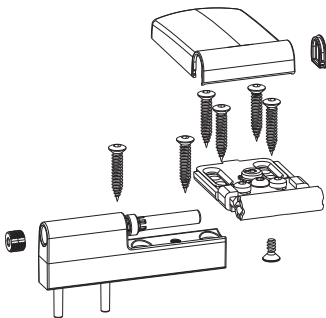


**2.2 Frame height FH16**



466115

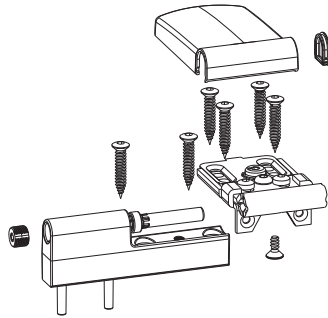
<b>P</b> 2.2.1 FH16+RS			<b>No</b>
brown	120	3	466131
stainless steel look	120	3	466227
gold look	120	3	466211
anthracite grey RAL 7016	120	3	466195
beige brown RAL 8024	120	3	466179
cream white RAL 9001	120	3	466147
traffic white RAL 9016	120	3	466115
silver	120	3	466163



466113

<b>P</b> 2.2.2 FH16			<b>No</b>
brown	120	3	466129
stainless steel look	120	3	466225
gold look	120	3	466209
anthracite grey RAL 7016	120	3	466193
beige brown RAL 8024	120	3	466177
cream white RAL 9001	120	3	466145
traffic white RAL 9016	120	3	466113
silver	120	3	466161

## 2.3 Frame height FH18



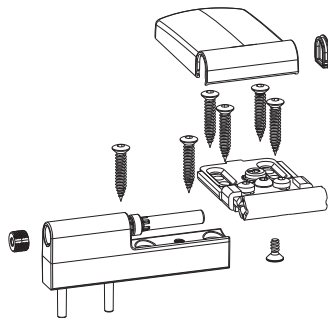
466119

### P 2.3.1 FH18+RS



**No**

brown	120	3	<b>466135</b>
stainless steel look	120	3	<b>466231</b>
gold look	120	3	<b>466215</b>
anthracite grey RAL 7016	120	3	<b>466199</b>
beige brown RAL 8024	120	3	<b>466183</b>
cream white RAL 9001	120	3	<b>466151</b>
traffic white RAL 9016	120	3	<b>466119</b>
silver	120	3	<b>466167</b>



466117

### P 2.3.2 FH18

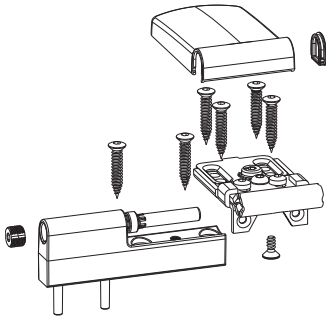


**No**

brown	120	3	<b>466133</b>
stainless steel look	120	3	<b>466229</b>
gold look	120	3	<b>466213</b>
anthracite grey RAL 7016	120	3	<b>466197</b>
beige brown RAL 8024	120	3	<b>466181</b>
cream white RAL 9001	120	3	<b>466149</b>
traffic white RAL 9016	120	3	<b>466117</b>
silver	120	3	<b>466165</b>

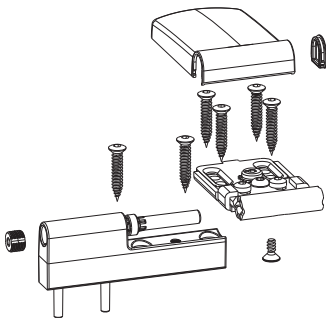
2.4 Frame height FH20

2



466123

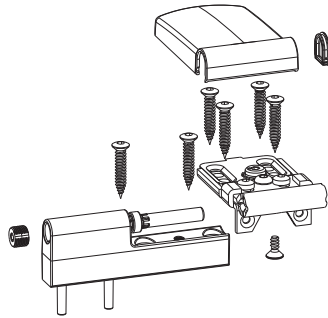
P	2.4.1 FH20+RS	kg		No
		120	3	
	brown	120	3	466139
	stainless steel look	120	3	466235
	gold look	120	3	466219
	anthracite grey RAL 7016	120	3	466203
	beige brown RAL 8024	120	3	466187
	cream white RAL 9001	120	3	466155
	traffic white RAL 9016	120	3	466123
	silver	120	3	466171





466121

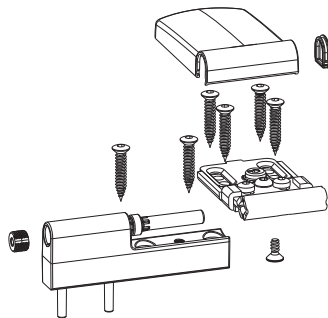
P	2.4.2 FH20	kg		No
		120	3	
	brown	120	3	466137
	stainless steel look	120	3	466233
	gold look	120	3	466217
	anthracite grey RAL 7016	120	3	466201
	beige brown RAL 8024	120	3	466185
	cream white RAL 9001	120	3	466153
	traffic white RAL 9016	120	3	466121

## 2.5 Frame height FH22





466127

P	2.5.1 FH22+RS	 		No
		kg		
	brown	120	3	466143
	stainless steel look	120	3	466239
	gold look	120	3	466223
	anthracite grey RAL 7016	120	3	466207
	beige brown RAL 8024	120	3	466191
	cream white RAL 9001	120	3	466159
	traffic white RAL 9016	120	3	466127
	silver	120	3	466175





466125

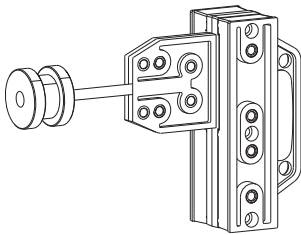
P	2.5.2 FH22	 		No
		kg		
	brown	120	3	466141
	stainless steel look	120	3	466237
	gold look	120	3	466221
	anthracite grey RAL 7016	120	3	466205
	beige brown RAL 8024	120	3	466189
	cream white RAL 9001	120	3	466157
	traffic white RAL 9016	120	3	466125
	silver	120	3	466173

## 2.6 Accessories

466241 

<b>P 2.6.1 Packers</b>			<b>No</b>
black	1	50	<b>466242</b>
	2	50	<b>466247</b>
	3	50	<b>466252</b>
silver	2	50	<b>466250</b>
traffic white RAL 9016	1	50	<b>466241</b>
	2	50	<b>466246</b>
	3	50	<b>466251</b>

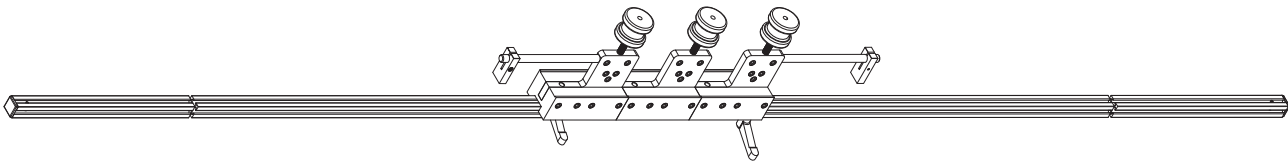
2



466258

<b>P 2.6.2 Single drilling jig</b>		<b>No</b>
drill jig T100P/T120P for MACO door hinge	1	<b>466258</b>

466259



<b>P 2.6.3 Telescopic drilling jig</b>		<b>No</b>
Telescopic Drill Jig T100/120P	1	<b>466259</b>

MACO  
PRO-DOOR



Door Hinge T120 P for PVC





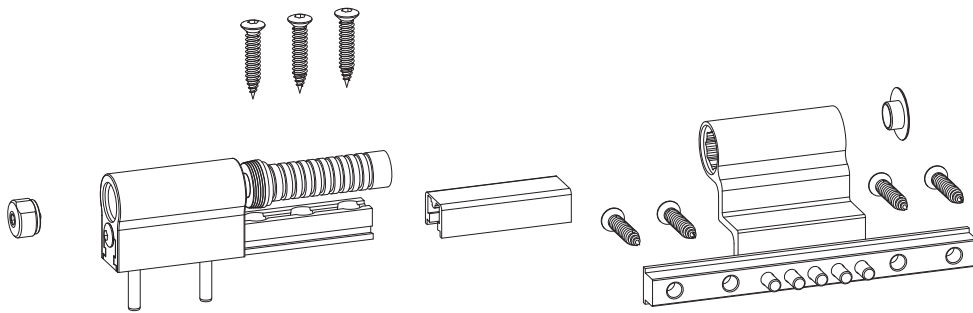
### 3 Door Hinge T100 R Butt Hinge

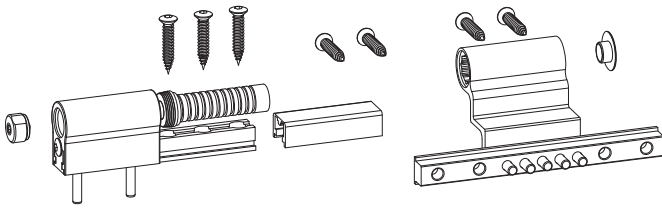
---

3.1	Installation drawing T100 R _____	18
3.2	9 mm offset 16 mm faceplate _____	19
3.3	13 mm offset 16 mm faceplate _____	19
3.4	13 mm offset 20 mm faceplate _____	19
3.5	VEKA without Eurogroove _____	20
3.6	Rehau Geneo _____	20
3.7	Accessories _____	21

### 3 Door Hinge T100 R Butt Hinge

#### 3.1 Installation drawing T100 R





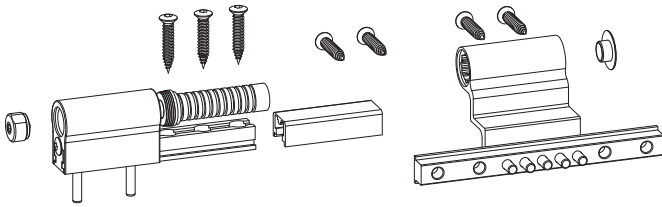
466577

**P 3.2 9 mm offset 16 mm faceplate**



**No**

brown	100	3	<b>466578</b>
stainless steel look	100	3	<b>466581</b>
beige brown RAL 8024	100	3	<b>466579</b>
cream white RAL 9001	100	3	<b>466580</b>
traffic white RAL 9016	100	3	<b>466577</b>



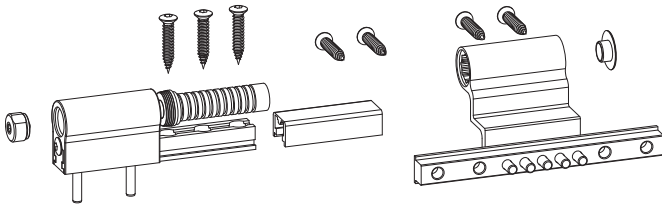
466572

**P 3.3 13 mm offset 16 mm faceplate**



**No**

brown	100	3	<b>466573</b>
stainless steel look	100	3	<b>466576</b>
beige brown RAL 8024	100	3	<b>466574</b>
cream white RAL 9001	100	3	<b>466575</b>
traffic white RAL 9016	100	3	<b>466572</b>



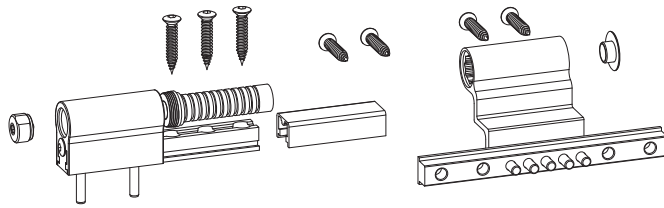
466582

**P 3.4 13 mm offset 20 mm faceplate**





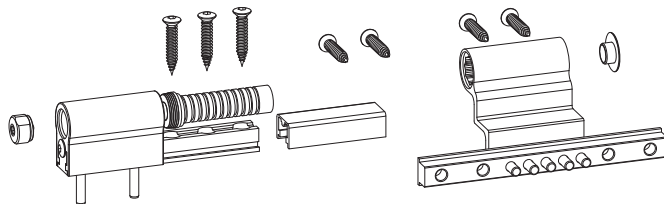
**No**

brown	100	3	<b>466583</b>
stainless steel look	100	3	<b>466586</b>
beige brown RAL 8024	100	3	<b>466584</b>
cream white RAL 9001	100	3	<b>466585</b>
traffic white RAL 9016	100	3	<b>466582</b>





468847

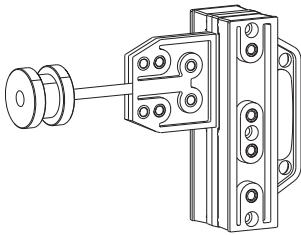
<b>P 3.5 VEKA without Eurogroove</b>			<b>No</b>
brown	100	3	<b>468848</b>
stainless steel look	100	3	<b>468851</b>
beige brown RAL 8024	100	3	<b>468849</b>
cream white RAL 9001	100	3	<b>468850</b>
traffic white RAL 9016	100	3	<b>468847</b>



468758

<b>P 3.6 Rehau Geneo</b>			<b>No</b>
brown	100	3	<b>468759</b>
beige brown RAL 8024	100	3	<b>468760</b>
cream white RAL 9001	100	3	<b>468761</b>
traffic white RAL 9016	100	3	<b>468758</b>

### 3.7 Accessories



466690

**P** 3.7.1 Single drilling jig



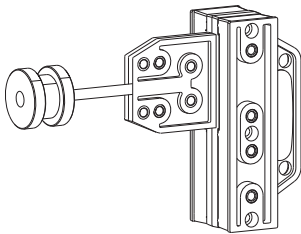
**No**

drill jig T100R Faceplate 16 mm MACO butt hinge

1

466690

3



468852

**P** 3.7.2 VEKA jig without Eurogroove



**No**

drill jig T100R Veka without Eurogroove MACO butt hinge

1

468852

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Door Hinge T100 R Butt Hinge



## 4 Door hinge T100 P PLUS

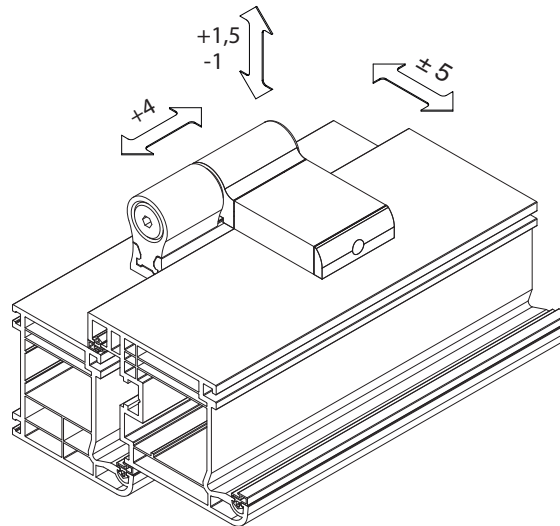
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4.1	Installation drawings T100 P PLUS	24
4.2	T100 P PLUS short flag length (87 mm)	26
4.3	T100 P PLUS long flag length (103 mm)	27
4.4	Accessories	28

## 4 Door hinge T100 P PLUS

### 4.1 Installation drawings T100 P PLUS

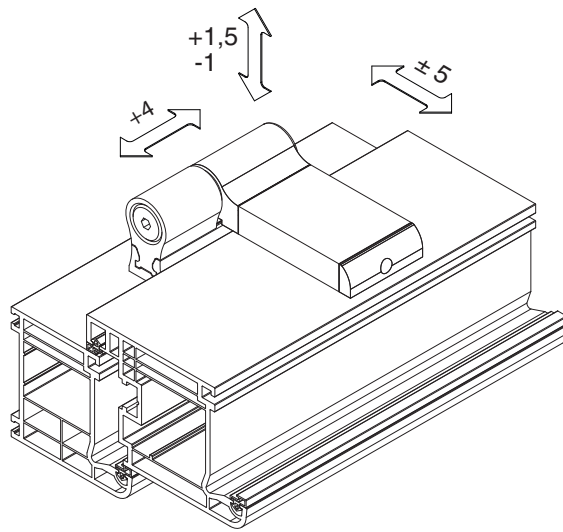
#### 4.1.1 Installation drawing short flag length



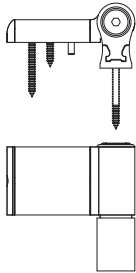






4.1.2 Installation drawing long flag length

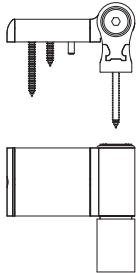


**4.2 T100 P PLUS short flag length (87 mm)**





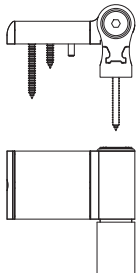
477312

P	4.2.1 FH 16-18.5			No	
	traffic white RAL 9016	100	1	477312	
	silver anodized	100	1	477315	
	traffic white RAL 9016	100	1.440	477318	





477313

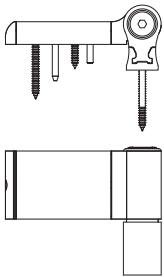
P	4.2.2 FH 19-21.5			No	
	traffic white RAL 9016	100	1	477313	
	silver anodized	100	1	477316	
	traffic white RAL 9016	100	1.440	477319	





477314

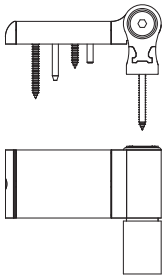
P	4.2.3 FH 21-23.5			No	
	traffic white RAL 9016	100	1	477314	
	silver anodized	100	1	477317	
	traffic white RAL 9016	100	1.440	477320	

4.3 T100P PLUS long flag length (103 mm)





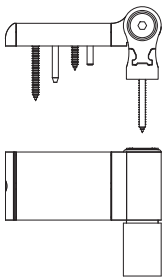
477321

P	4.3.1 FH 16-18.5			No
	traffic white RAL 9016	100	1	<b>477321</b>
	silver anodized	100	1	<b>477324</b>
	traffic white RAL 9016	100	1.440	<b>477327</b>





477322

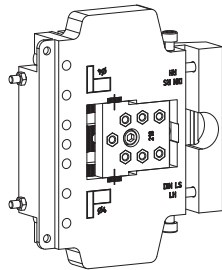
P	4.3.2 FH 19-21.5			No
	traffic white RAL 9016	100	1	<b>477322</b>
	silver anodized	100	1	<b>477325</b>
	traffic white RAL 9016	100	1.440	<b>477328</b>




477323

P	4.3.3 FH 21-23.5			No
	traffic white RAL 9016	100	1	<b>477323</b>
	silver anodized	100	1	<b>477326</b>
	traffic white RAL 9016	100	1.440	<b>477329</b>

## 4.4 Accessories




477377

P	4.4.1 Drilling jig		No
	drill jig holder T100P/T120P/T160P PLUS	1	477379
	drill jig T100P PLUS sash component 103 mm	1	477377



477380

P	4.4.2 Cover caps		No
	cover cap for MACO door hinge T100P/T120P PLUS black	1	477381
	cover cap for MACO door hinge T100P/T120P PLUS white	1	477380



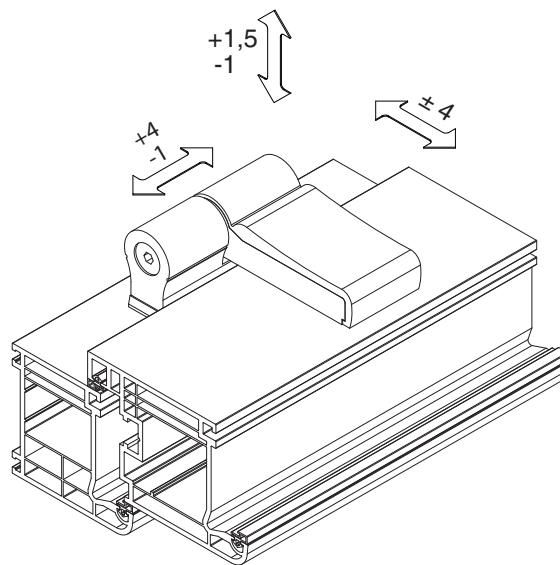
## 5 Door hinge T120 P PLUS

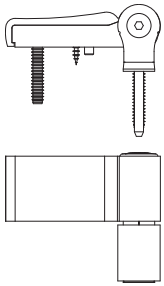
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5.1	Installation drawing T120 P PLUS	30
5.2	FH 13.5-19.5	31
5.3	FH 17-23	31
5.4	FH 22-28	31
5.5	Accessories	32



## 5 Door hinge T120 P PLUS

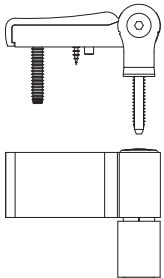
### 5.1 Installation drawing T120 P PLUS







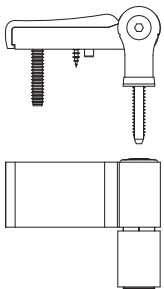
477330

<b>P</b> 5.2 FH 13.5-19.5			<b>No</b>
traffic white RAL 9016	120	1	<b>477330</b>
grey brown RAL 8019	120	1	<b>477333</b>
cream white RAL 9001	120	1	<b>477336</b>
silver anodized	120	1	<b>477341</b>





477331

<b>P</b> 5.3 FH 17-23			<b>No</b>
traffic white RAL 9016	120	1	<b>477331</b>
grey brown RAL 8019	120	1	<b>477334</b>
cream white RAL 9001	120	1	<b>477337</b>
silver anodized	120	1	<b>477342</b>

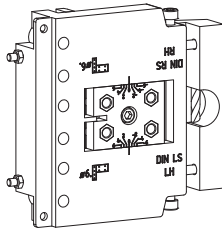
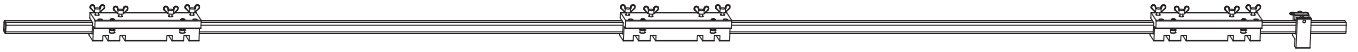


477332


<b>P</b> 5.4 FH 22-28			<b>No</b>
traffic white RAL 9016	120	1	<b>477332</b>
grey brown RAL 8019	120	1	<b>477335</b>
cream white RAL 9001	120	1	<b>477338</b>
silver anodized	120	1	<b>477343</b>

## 5.5 Accessories


477379



477378

<b>P</b> 5.5.1 Drilling jig		<b>No</b>
drill jig holder T100P/T120P/T160P PLUS	1	<b>477379</b>
drill jig T120P/T160P PLUS	1	<b>477378</b>

477380 

<b>P</b> 5.5.2 Cover caps		<b>No</b>
cover cap for MACO door hinge T100P/T120P PLUS black	1	<b>477381</b>
cover cap for MACO door hinge T100P/T120P PLUS white	1	<b>477380</b>

477387 

<b>P</b> 5.5.3 Fuse set for outside opening doors		<b>No</b>
for outside opening T120P/T160P PLUS	1	<b>477387</b>





## 6 Door hinge T160 P PLUS

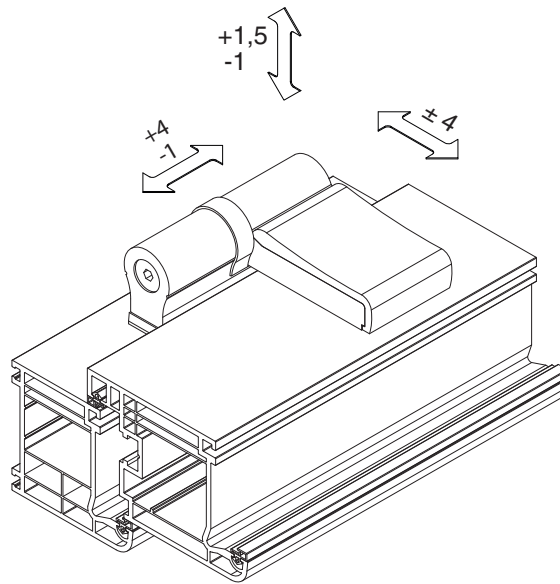
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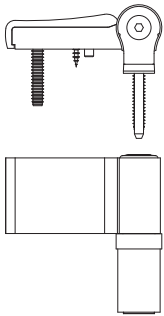
6.1	Door hinge T160 P PLUS 2-piece	34
6.2	Door hinge T160 P PLUS 3-piece	36
6.3	Accessories	38

## 6 Door hinge T160 P PLUS



### 6.1 Door hinge T160 P PLUS 2-piece

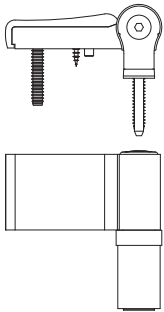
#### 6.1.1 Installation drawing T160 P PLUS 2-piece







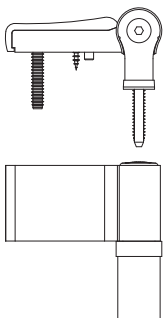
477344

<b>P</b> 6.1.2 FH 13.5-19.5			<b>No</b>
traffic white RAL 9016	160	1	<b>477344</b>
grey brown RAL 8019	160	1	<b>477347</b>
cream white RAL 9001	160	1	<b>477350</b>
silver anodized	160	1	<b>477353</b>





477345

<b>P</b> 6.1.3 FH 17-23			<b>No</b>
traffic white RAL 9016	160	1	<b>477345</b>
grey brown RAL 8019	160	1	<b>477348</b>
cream white RAL 9001	160	1	<b>477351</b>
silver anodized	160	1	<b>477354</b>

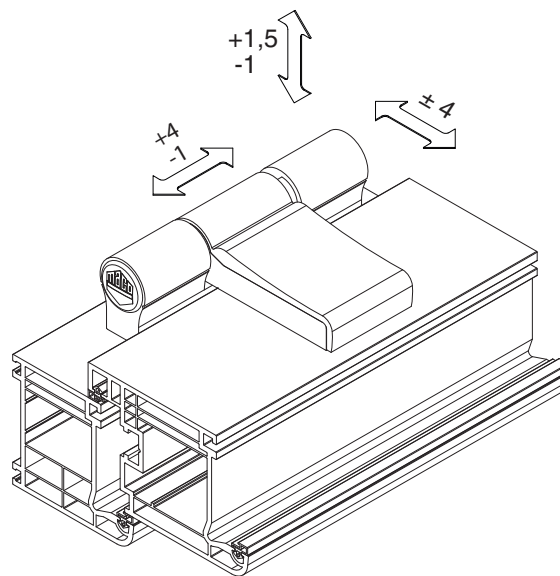


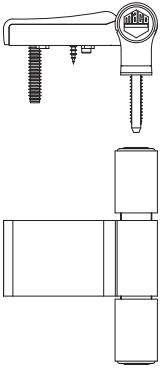
477346

<b>P</b> 6.1.4 FH 22-28			<b>No</b>
traffic white RAL 9016	160	1	<b>477346</b>
grey brown RAL 8019	160	1	<b>477349</b>
cream white RAL 9001	160	1	<b>477352</b>
silver anodized	160	1	<b>477355</b>

## 6.2 Door hinge T160 P PLUS 3-piece

### 6.2.1 Installation T160 P PLUS 3-piece





477356

**P** 6.2.2 FH 17-23

traffic white RAL 9016



160



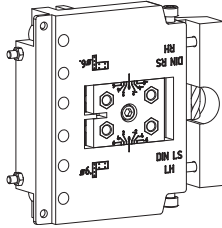
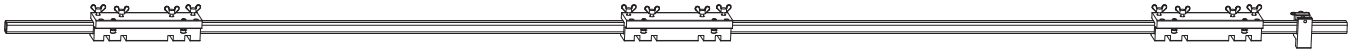
1

**No**

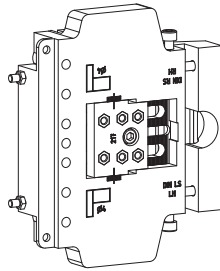
477356

## 6.3 Accessories


477379




477378




477376

<b>P</b> 6.3.1 Drilling jig		<b>No</b>
drill jig T160P PLUS sash component 87 mm	1	<b>477376</b>
drill jig T100P PLUS sash component 103 mm	1	<b>477377</b>
drill jig T120P/T160P PLUS	1	<b>477378</b>
drill jig holder T100P/T120P/T160P PLUS	1	<b>477379</b>



<b>P</b> 6.3.2 Cover caps		<b>No</b>
cover cap for MACO door hinge T160P PLUS black	1	<b>477383</b>
cover cap for MACO door hinge T160P PLUS white	1	<b>477382</b>



<b>P</b> 6.3.3 Cover rosette		<b>No</b>
for T160P PLUS black	1	<b>477386</b>
for T160P PLUS white	1	<b>477385</b>



<b>P</b> 6.3.4 Fuse set for outside opening doors		<b>No</b>
for outside opening T120P/T160P PLUS	1	<b>477387</b>



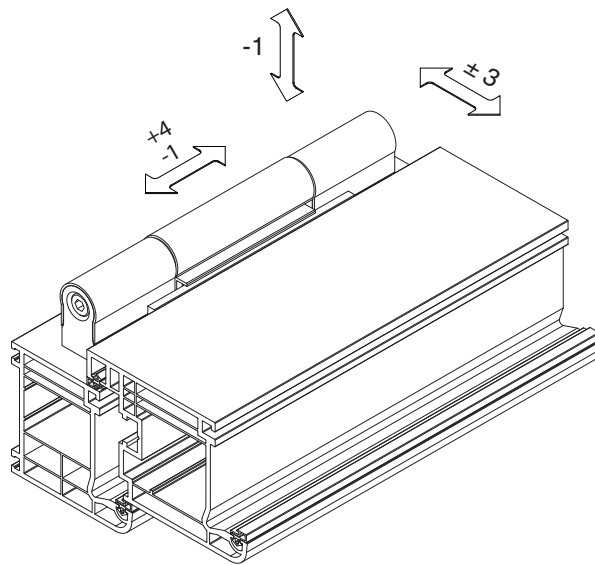
## 7 Butt hinge T160 R PLUS

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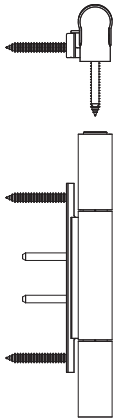
7.1	Installation drawing T160 R PLUS	40
7.2	FH from 16 mm	41
7.3	FH from 16 mm oblique overblow	41
7.4	FH from 19 mm	42
7.5	FH from 19 mm oblique overblow	42
7.6	Accessories butt hinge T160 R PLUS	43

## 7 Butt hinge T160 R PLUS

### 7.1 Installation drawing T160 R PLUS







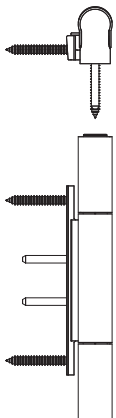
477357

**P 7.2 FH from 16 mm**



**No**

traffic white RAL 9016	160	1	<b>477357</b>
grey brown RAL 8019	160	1	<b>477359</b>
cream white RAL 9001	160	1	<b>477361</b>
silver anodized	160	1	<b>477363</b>



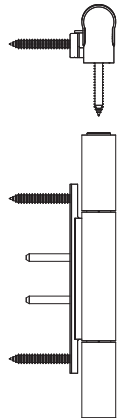
477365

**P 7.3 FH from 16 mm oblique overblow**





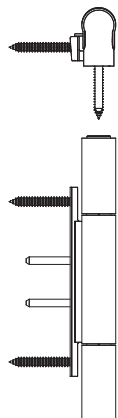
**No**

traffic white RAL 9016	160	1	<b>477365</b>
grey brown RAL 8019	160	1	<b>477367</b>
cream white RAL 9001	160	1	<b>477369</b>
silver anodized	160	1	<b>477371</b>





477358


P	7.4 FH from 19 mm			No
	traffic white RAL 9016	160	1	<b>477358</b>
	grey brown RAL 8019	160	1	<b>477360</b>
	cream white RAL 9001	160	1	<b>477362</b>
	silver anodized	160	1	<b>477364</b>




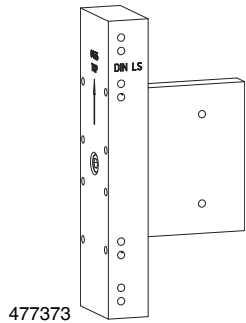
477366

P	7.5 FH from 19 mm oblique overblow			No
	traffic white RAL 9016	160	1	<b>477366</b>
	grey brown RAL 8019	160	1	<b>477368</b>
	cream white RAL 9001	160	1	<b>477370</b>
	silver anodized	160	1	<b>477372</b>

## 7.6 Accessories butt hinge T160 R PLUS

477384 


<b>P</b>	<b>7.6.1 Cover caps</b>		<b>Nº</b>
	cover cap for MACO door hinge T160R PLUS black	1	<b>477384</b>



477373

<b>P</b>	<b>7.6.2 Drilling jig</b>		<b>Nº</b>
	drill jig T160R PLUS	1	<b>477373</b>



	<b>7.6.3 Reinforcement claws (optional)</b>		<b>Nº</b>
	Reinforcement claw for T160R PLUS FH from 16 mm	1	<b>477374</b>
	Reinforcement claw for T160R PLUS FH from 19 mm	1	<b>477375</b>

MACO  
PRO-DOOR



Butt hinge T160 R PLUS



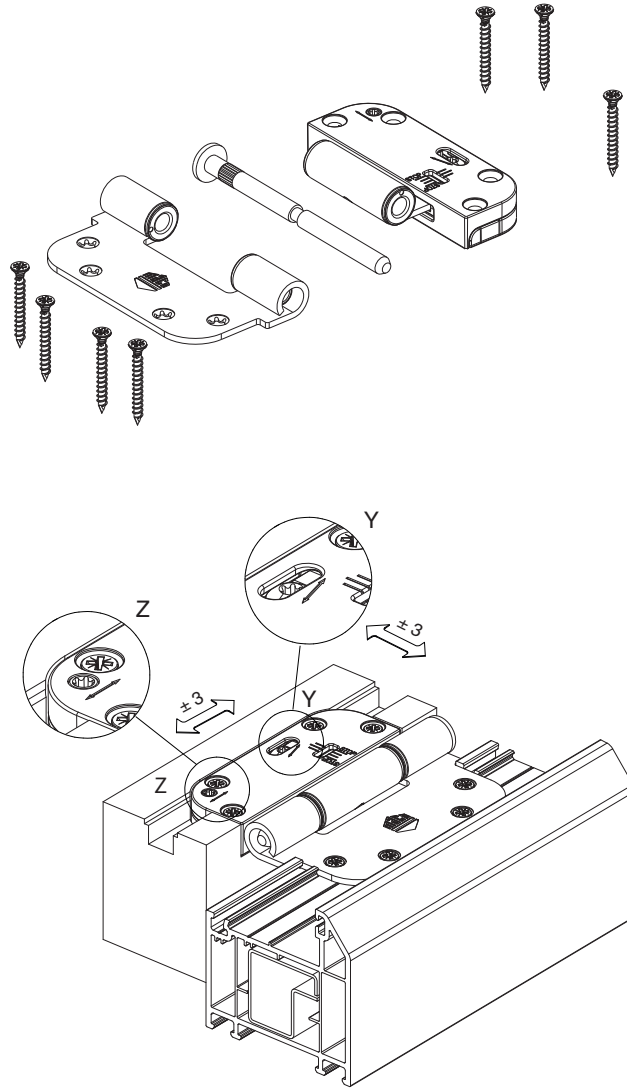
## 8 Door Hinge T80 C for Composite

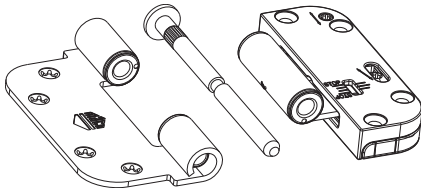
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8.1	Installation drawing T80 C	46
8.2	T80 C	47
8.3	Accessories	48



## 8 Door Hinge T80 C for Composite

### 8.1 Installation drawing T80 C






103782


8.2 T80 C			No
anodised silver	80	3	<b>104632<sup>1</sup></b>
bright bronze	80	3	<b>103788<sup>1</sup></b>
		24	<b>103794<sup>1</sup></b>
polished Chrome	80	3	<b>103787<sup>1</sup></b>
		24	<b>103793<sup>1</sup></b>
polished Gold	80	3	<b>103786<sup>1</sup></b>
		24	<b>103792<sup>1</sup></b>
jet black RAL 9005	80	3	<b>103784</b>
grey aluminium RAL 9007	80	24	<b>103790</b>
		3	<b>103785</b>
traffic white RAL 9016	80	24	<b>103791</b>
		3	<b>103782</b>
		24	<b>103789</b>

<sup>1</sup> Product not suitable for external use!

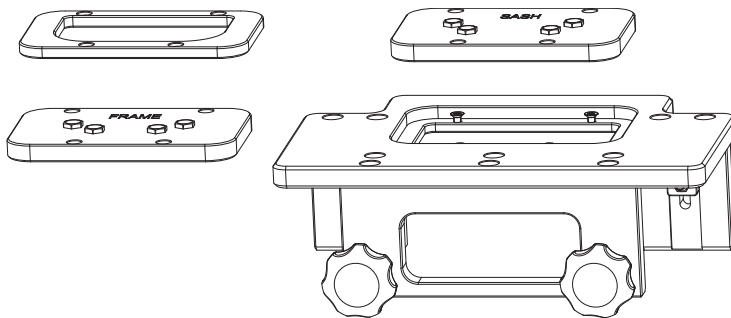
### 8.3 Accessories

365631 

8.3.1 Cover caps		No
PVC cover caps for T80C black	100	366359
PVC cover caps for T80C white	100	365631

366360 

8.3.2 Safety screw		No
safety screw for T80C	100	366360



104133

8.3.3 Drilling and routing jigs		No
drilling and routing jigs for T80C	104133	104133





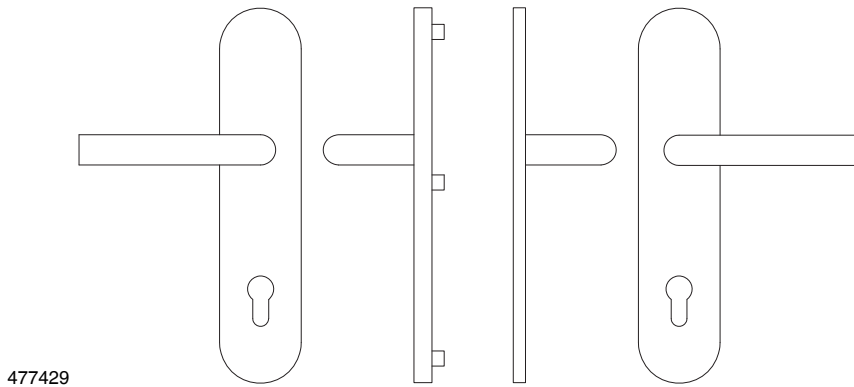
## 9 Door handles

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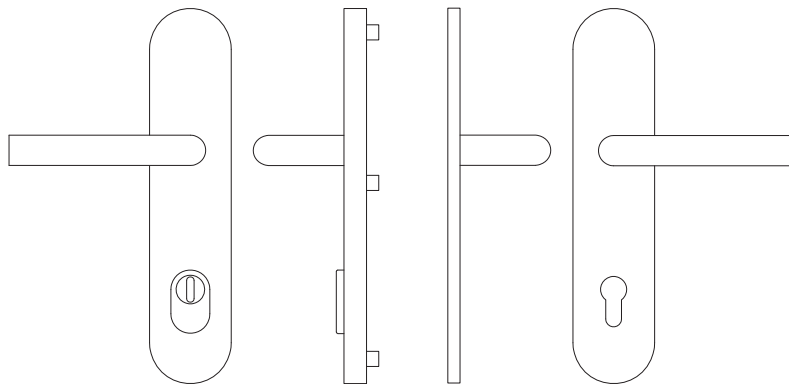
9.1	Wide frame	50
9.2	Narrow frame	53
9.3	Push handles	55
9.4	Hals-sets for inner side	56
9.5	Button handle outside	56
9.6	Protective rosettes	57

## 9 Door handles

### 9.1 Wide frame



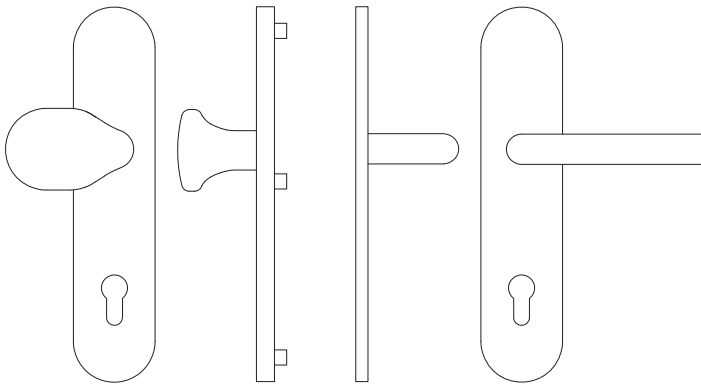
477429



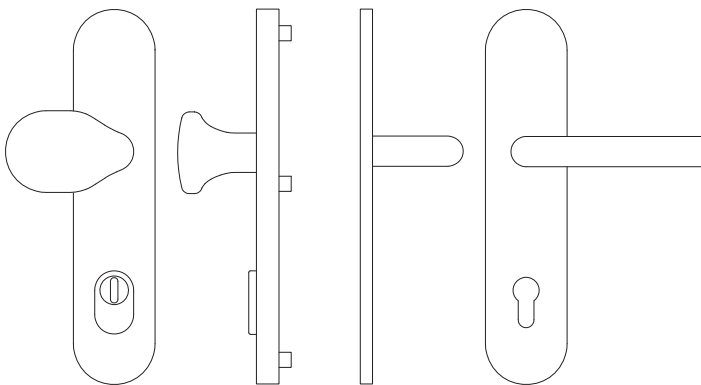
477435

9.1.1 Pusher set						No
stainless steel	MACO Pusher set	64-83mm	92	8	1	<b>477429<sup>1</sup></b>
				10	1	<b>477437<sup>1</sup></b>
	MACO Pusher set with plug pulling protection	64-83mm	92	8	1	<b>477435<sup>1</sup></b>
				10	1	<b>477439<sup>1</sup></b>

<sup>1</sup> Incl. mounting materials for door thicknesses 64-83 mm

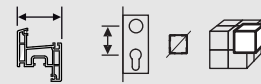


477430



477436

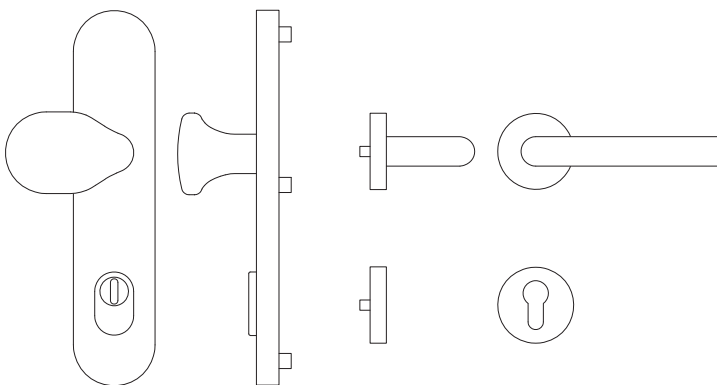
**9.1.2 Change-over fittings**



**No**

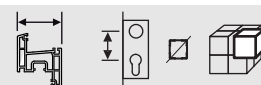
stainless steel	MACO Change-Over fittings	64-83mm	92	8	1	<b>477430<sup>1</sup></b>
				10	1	<b>477438<sup>1</sup></b>
	MACO Change-Over fittings with plug pulling protection	64-83mm	92	8	1	<b>477436<sup>1</sup></b>
				10	1	<b>477440<sup>1</sup></b>

<sup>1</sup> Incl. mounting materials for door thicknesses 64-83 mm



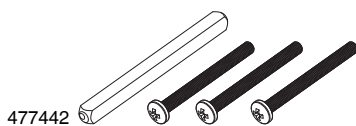
477441



**9.1.3 Change-Over fittings with interior-rosettes fittings & plug pulling protection**

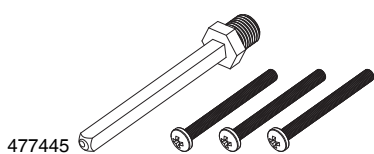




**No**

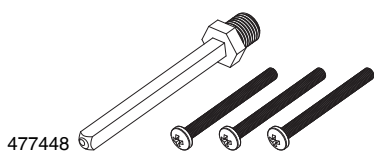
stainless steel		64-83mm	92	8	1	<b>477441</b>
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



9.1.4 Mounting kit for pusher sets	 	No
MACO Mounting kit for pusher set wide frame 8mm	54-63 1	<b>477442</b>
	84-93 1	<b>477443</b>
	94-103 1	<b>477444</b>
MACO Mounting kit for pusher set wide frame 10mm	54-63 1	<b>477451</b>
	84-93 1	<b>477452</b>
	94-103 1	<b>477453</b>

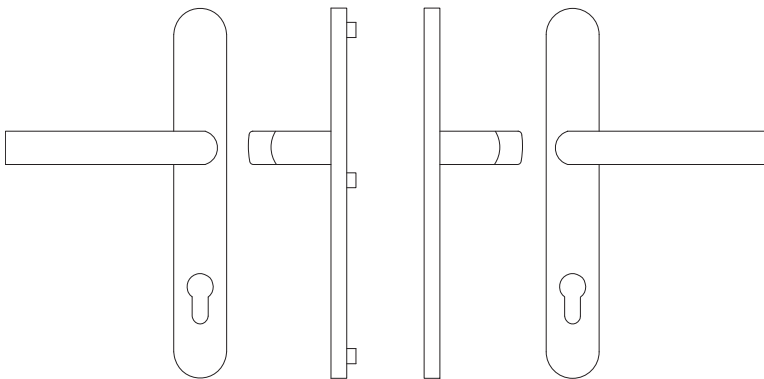


9.1.5 Mounting kit for change-over fittings	 	No
MACO Mounting kit for change-over fittings wide frame 8mm	54-63 1	<b>477445</b>
	84-93 1	<b>477446</b>
	94-103 1	<b>477447</b>
MACO Mounting kit for change-over fittings wide frame 10mm	54-63 1	<b>477454</b>
	84-93 1	<b>477455</b>
	94-103 1	<b>477456</b>



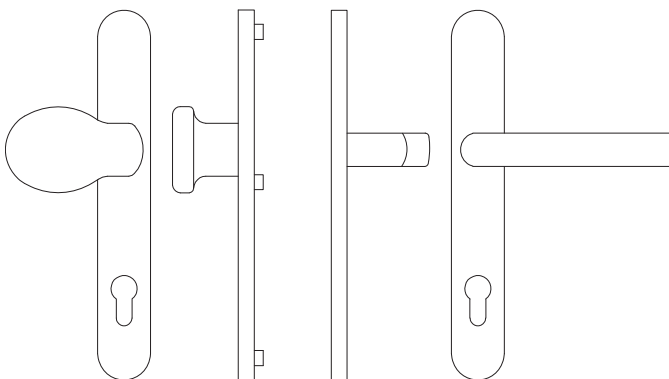
9.1.6 Mounting kit for change-over fittings with interior-rosettes fittings & plug pulling protection	 	No
MACO Mounting kit for protective rosettes-change-over fittings wide frame 8mm	54-63 1	<b>477448</b>
	84-93 1	<b>477449</b>
	94-103 1	<b>477450</b>
MACO Mounting kit for protective rosettes-change-over fittings wide frame 10mm	54-63 1	<b>477457</b>
	84-93 1	<b>477458</b>
	94-103 1	<b>477459</b>

9.2 Narrow frame



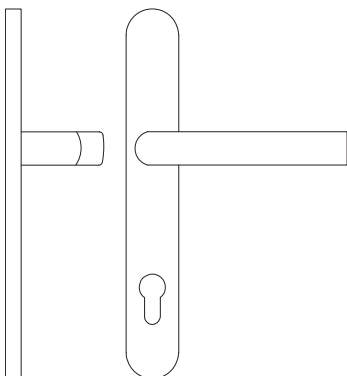
477463

9.2.1 Pusher set				No
silver	92 8	anodised	1	477462
stainless steel	92 8		1	477463
traffic white RAL 9016	92 8		1	477461



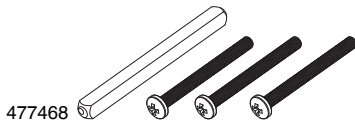
477466



9.2.2 Change-over fittings				No
silver	92 8	anodised	1	477465
stainless steel	92 8		1	477466
traffic white RAL 9016	92 8		1	477464

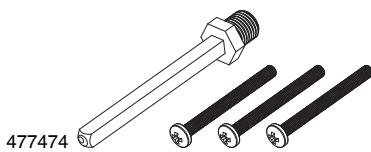




477467

9.2.3 Half set				No
stainless steel	92 8		1	477467

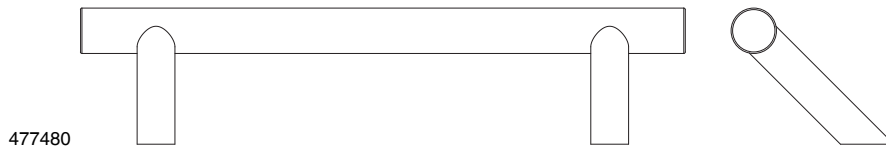


9.2.4 Mounting kit for pusher sets	 	No
MACO Mounting kit for pusher set narrow frame	59-65 1	<b>477468</b>
	64-70 1	<b>477469</b>
	69-75 1	<b>477470</b>
	74-80 1	<b>477471</b>
	79-85 1	<b>477472</b>
	84-90 1	<b>477473</b>



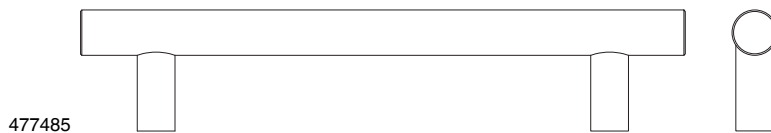
9.2.5 Mounting kit for change-over fittings	 	No
MACO Mounting kit for change-over fittings narrow frame	59-65 1	<b>477474</b>
	64-70 1	<b>477475</b>
	69-75 1	<b>477476</b>
	74-80 1	<b>477477</b>
	79-85 1	<b>477478</b>
	84-90 1	<b>477479</b>

### 9.3 Push handles



9.3.1 Oblique cams		Ø	L		No
stainless steel	oblique cams	30	400	1	<b>477480<sup>1</sup></b>
			600	1	<b>477481<sup>1</sup></b>
			800	1	<b>477482<sup>1</sup></b>
			1.200	1	<b>477483<sup>1</sup></b>
			1.600	1	<b>477484<sup>1</sup></b>

<sup>1</sup> Incl. mounting materials



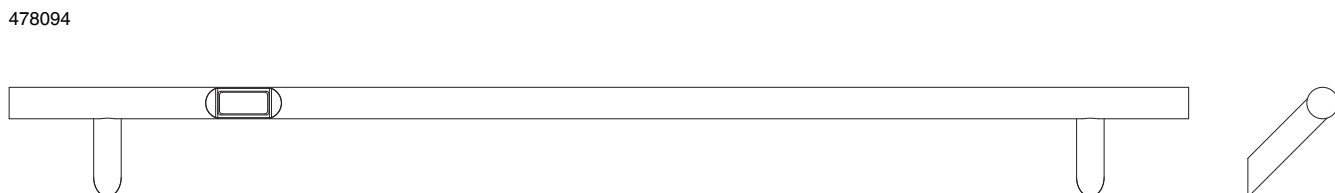
9.3.2 Straight cams		Ø	L		No
stainless steel	straight cams	30	400	1	<b>477485<sup>1</sup></b>
			600	1	<b>477486<sup>1</sup></b>
			800	1	<b>477487<sup>1</sup></b>
			1.200	1	<b>477488<sup>1</sup></b>
			1.600	1	<b>477489<sup>1</sup></b>

<sup>1</sup> Incl. mounting materials



9.3.3 Push handles for fingerscan with straight cams		Ø	L		No
stainless steel	straight cams	32	1.200	1	<b>478093<sup>1</sup></b>


<sup>1</sup> Combinable with openDoor Touchkey BT 478065

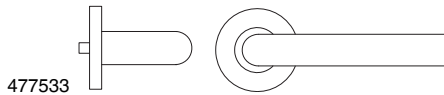



9.3.4 Push handles for fingerscan with oblique cams		Ø	L		No
stainless steel	oblique cams left	32	1.200	1	<b>478095<sup>1</sup></b>
	oblique cams right	32	1.200	1	<b>478094<sup>1</sup></b>

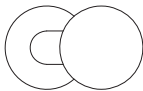
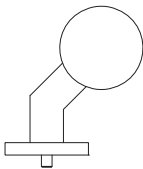
<sup>1</sup> Combinable with openDoor Touchkey BT 478065



9.3.5 Mounting bolts for push handles (optional)		№
Mounting bolts for push handles 8x40	1	477527
Mounting bolts for push handles 8x50	1	477528



9.4 Hals-sets for inner side		№
Hals-sets for inner side round spindle size 8 mm stainless steel	20	477533
Hals-sets for inner side round spindle size 10 mm stainless steel	20	477534




9.5 Button handle outside		№
stainless steel outside round cranked stainless steel	20	477535

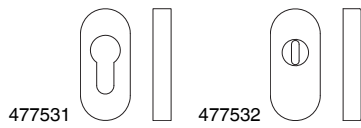



## 9.6 Protective rosettes



9.6.1 Round			<b>Nº</b>
cylinder rosette set PC inside and outside 40-49 / 60-69 / 80-89 stainless steel		20	<b>477529<sup>1</sup></b>
cylinder rosette set PC inside and outside with KS 30-41 / 58-70 / 74-86 stainless steel		20	<b>477530<sup>1</sup></b>

<sup>1</sup> Incl. mounting material for door thicknesses mentioned above



9.6.2 Oval			<b>Nº</b>
cylinder rosette for PC external oval stainless steel		20	<b>477531<sup>1</sup></b>
cylinder rosette for PC external oval with KS stainless steel		20	<b>477532<sup>1</sup></b>

<sup>1</sup> Without mounting material

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Door handles

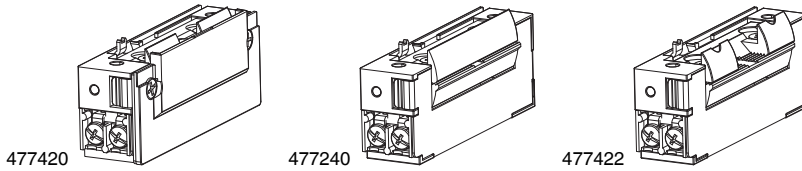





**10 E-Striker**

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<b>10.1</b>	<b>Standard MACO E-Striker</b>	<b>60</b>
<b>10.2</b>	<b>MACO E-Striker with lock</b>	<b>60</b>
<b>10.3</b>	<b>MACO Daytime opener</b>	<b>60</b>


## 10 E-Striker





<b>10.1 Standard MACO E-Striker</b>			<b>Nº</b>
MACO E-Striker with latch sliding tab with mechanical unlocking 10-24V	1		<b>477420</b>
MACO E-Striker with mechanical unlocking 10-24V	1		<b>477240</b>
MACO E-Striker with narrow latch sliding tab with mechanical unlocking 10-24V	1		<b>477421</b>
MACO E-Striker with recess for latch sliding tab with mechanical unlocking 10-24V	1		<b>477422</b>
<b>10.2 MACO E-Striker with lock</b>			<b>Nº</b>
MACO E-Striker with latch sliding tab with latching with mechanical unlocking 10-24V	1		<b>477427</b>
MACO E-Striker with latching with mechanical unlocking 10-24V	1		<b>477536</b>
MACO E-Striker with narrow latch sliding tab with latching with mechanical unlocking	1		<b>477428</b>
MACO E-Striker with recess for latch sliding tab with latching with mechanical unlocking 10-24V	1		<b>477537</b>
<b>10.3 MACO Daytime opener</b>			<b>Nº</b>
MACO Daytime opener with latch sliding tab with mechanical unlocking	1		<b>477424</b>
MACO Daytime opener with mechanical unlocking	1		<b>477423</b>
MACO Daytime opener with narrow latch sliding tab with mechanical unlocking	1		<b>477425</b>
MACO Daytime opener with recess for latch sliding tab with mechanical unlocking	1		<b>477426</b>




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