

# Door damper V 1600/V 1600F for fire doors

Universal model with the widest range of executions



Video



Website

## CHARACTERISTICS

- Thanks to its cased cylinder the fixing screws are not visible
- Available in different colors and finishes: chrome-plated, color-coated, stainless steel
- Suitable for a wide range of door types and installation situations thanks to its closing force from 20 to 115 N
- The models V 1600F with 80 N and V 1600 with 50 N are approved for use on fire and smoke doors. More information can be found under 'Fire doors'

## INSTALLATION OPTIONS

- Normally installed vertically on the pull side of the door
- Also suitable for horizontal installation (special model)
- Different hooks allow its installation on overlapping, flush and recessed doors (more information available under product details > choice of hook)
- There are different mounting plates available for installation on steel doors. Find out more under "Installation Accessories"
- Before installing it on fire doors it is necessary to check whether mounting plates are required for the installation on your fire or smoke door. For more information, see section product details > fire doors
- Installation on glass doors possible with special installation set. More information under 'Installation accessories'

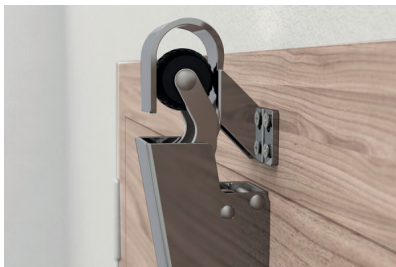


## TECHNICAL DATA

|                         |                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------|
| Type of doors           | left opening and right opening hinged doors, flush, overlapping or recessed doors |
| Closing force           | 20 N; 50 N; 80 N; 115 N                                                           |
| Damping characteristics | progressive                                                                       |
| Closing speed           | adjustable                                                                        |
| Damping fluid           | silicone oil                                                                      |
| Material                | steel; stainless steel AISI 304                                                   |
| Finish (steel)          | bright chrome; satin chrome; coated in RAL colors                                 |
| Components included     | door damper, hook, fixing screws for wooden doors                                 |

## CHOICE OF HOOK

- Hook 1009: for flush doors (-4 to +14 mm)
- Hook 1013: for overlapping doors (+15 to +30 mm)
- Hook 1011: for recessed doors (-5 to -20 mm)



## INSTALLATION



Installation  
instructions  
V 1600



Installation video  
(non-fire doors)



Installation video  
(fire doors)

## FIRE DOORS

Door damper V 1600/V1600F for the use on fire and smoke doors

Depending on your country's regulations, it is possible that the door damper may only be used on fire and smoke doors for which there is an existing approval that allows its installation. On many fire and smoke doors, it is necessary to use mounting plates for the installation of the door damper and the hook.

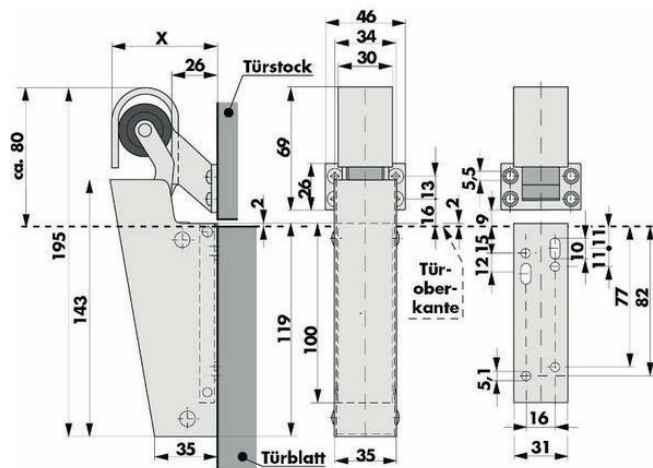
Please check which mounting plates you need for your particular door before ordering. Should you have any questions, we'll be happy to help.



 Installation  
instructions  
V 1600F

## DIMENSIONS

All dimensions in mm



Dimension of  $X$  with

- Hook 1009 for flush doors:  $X = 59$
- Hook 1013 for overlapping doors:  $X = 78$
- Hook 1011 for recessed doors:  $X = 39$

Further information on the dimensions of all mounting plates and brackets can be found under 'Installation accessories'.

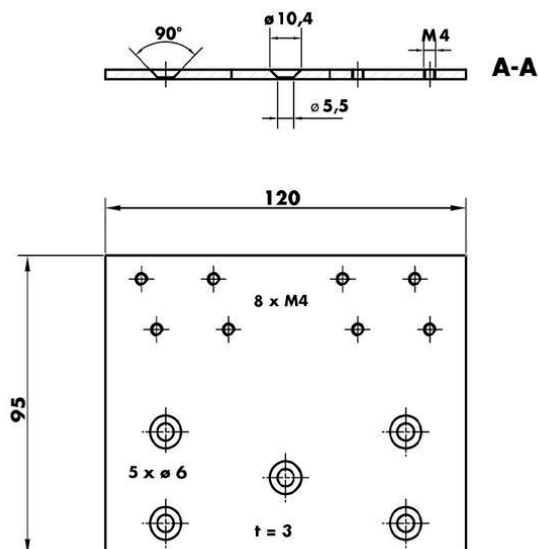
- Türstock > door frame
- Türoberkante > upper edge of door leaf
- Türblatt > door leaf

## INSTALLATION ACCESSORIES

All dimensions in mm

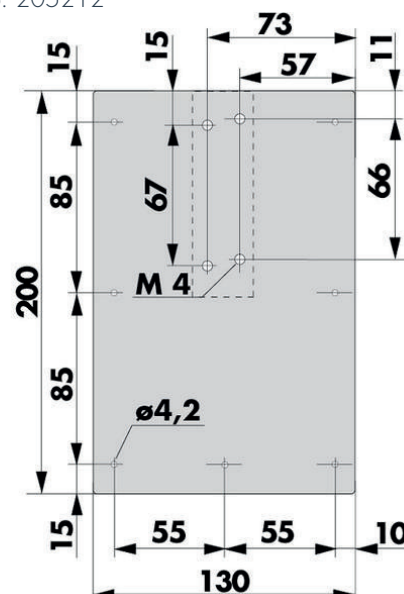
### Mounting bracket for horizontal installation on flush doors

Part no. 205463



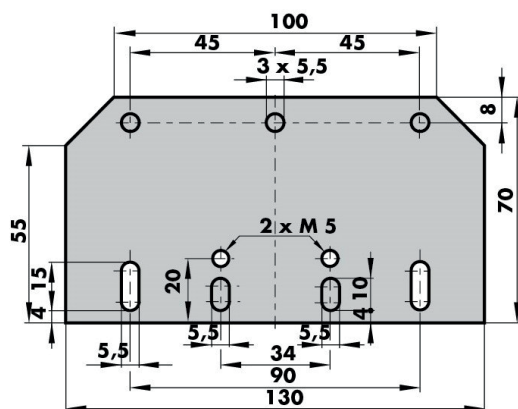
### Mounting plate for vertical installation of door damper on fire doors

Part no. 205212



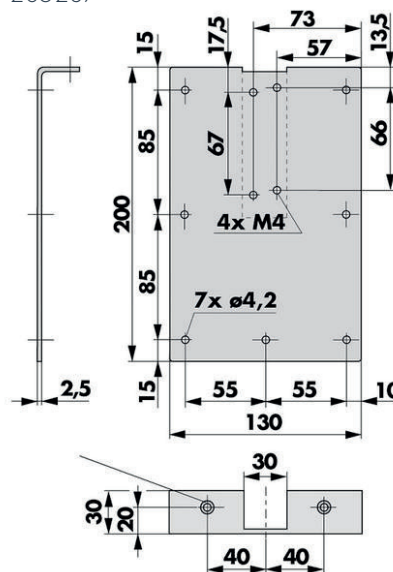
### Mounting plate for vertical installation of the hook on fire doors

Part no. 205231XL

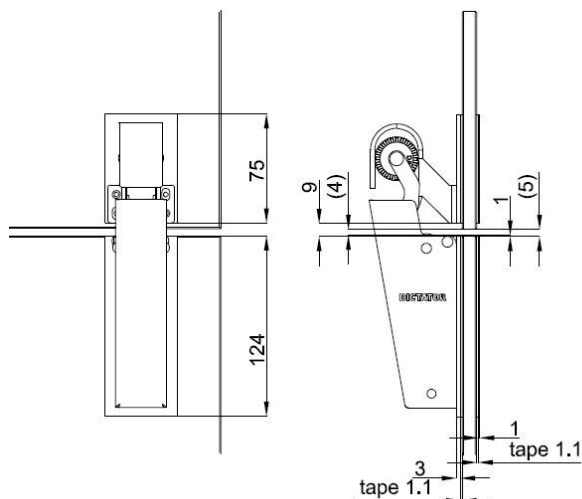


### Mounting plate for door damper on fire doors without rebate

Part no. 205237



### Installation set for glass doors (adhesive type)

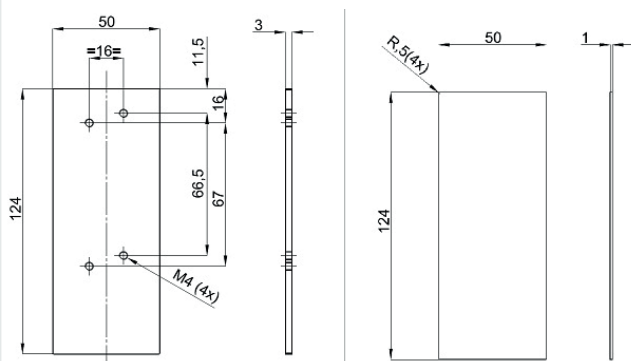


With a special double-sided adhesive tape, the mounting plates for both the door damper V 1600 and the corresponding hook are attached to the glass door or fanlight. Each set includes an adhesive cover plate for the opposite side of the mounting plate for a uniform image. Both mounting and cover plates are made of AISI 304.

### Installation plates set for door damper V 1600

Adhesive mounting plate with threaded holes and adhesive cover plate of AISI 304:

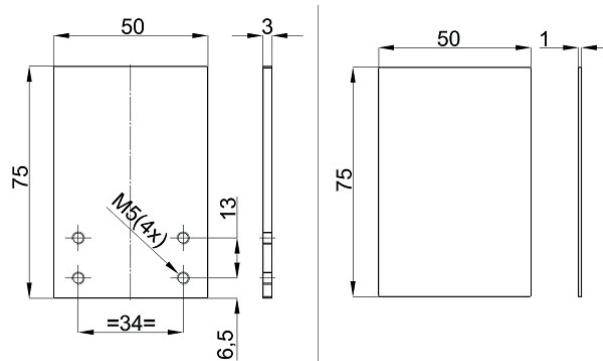
Part no. 205375



### Installation plates set for hook

Adhesive Mounting plate with threaded holes and adhesive cover plate of AISI 304 for opposite side:

Part no. 205376



## ORDER INFORMATION

| Description                                                                                   | Installation | Hook 1009 | Hook 1011 | Hook 1013 |
|-----------------------------------------------------------------------------------------------|--------------|-----------|-----------|-----------|
| V 1600 20 N chromium plated                                                                   | vertical     | 300464    | *         | 300967    |
| V 1600 20 N satin chrome                                                                      | vertical     | 300464X   | *         | 300972X   |
| V 1600 20 N chromium plated                                                                   | horizontal   | 300464VV  | *         | *         |
| V 1600 20 N satin chrome                                                                      | horizontal   | 300464VWX | *         | *         |
| V 1600 20 N RAL 9010 pure white                                                               | vertical     | 300466L   | *         | *         |
| V 1600 20 N RAL 9006 white aluminium (grey)                                                   | vertical     | 300953    | *         | *         |
| V 1600 20 N AISI 304                                                                          | vertical     | 300610    | -         | -         |
| V 1600 20 N AISI 304                                                                          | horizontal   | 300611    | -         | -         |
| V 1600 50 N chromium plated                                                                   | vertical     | 300460    | 300629    | 300461    |
| V 1600 50 N satin chrome                                                                      | vertical     | 300460X   | 300457    | 300461X   |
| V 1600 50 N chromium plated                                                                   | horizontal   | 300460VV  | *         | 300461W   |
| V 1600 50 N satin chrome                                                                      | horizontal   | 300460VWX | *         | *         |
| V 1600 50 N RAL 9010 pure white                                                               | vertical     | 300466    | *         | 300965    |
| V 1600 50 N RAL 8017 chocolate brown                                                          | vertical     | 300454    | 300979    | 300966    |
| V 1600 50 N RAL 9005 jet black                                                                | vertical     | 300456    | -         | -         |
| V 1600 50 N RAL 9006 white aluminium (grey)                                                   | vertical     | 300467    | *         | 300964    |
| V 1600 50 N AISI 304                                                                          | vertical     | 300612    | -         | -         |
| V 1600 50 N AISI 304                                                                          | horizontal   | 300613    | -         | -         |
| V 1600 80 N chromium plated                                                                   | vertical     | 300480    | *         | 300951    |
| V 1600 80 N satin chrome                                                                      | vertical     | 300480X   | *         | *         |
| V 1600 80 N RAL 9010 pure white                                                               | vertical     | 300954    | *         | 300968    |
| V 1600 80 N AISI 304                                                                          | vertical     | 300614    | -         | -         |
| V 1600 115 N AISI 304                                                                         | vertical     | 300616    | -         | -         |
| <b>V 1600F</b> 80 N chromium plated                                                           | vertical     | 300960    | 300963    | 300973    |
| For large quantities, other colours are also available on request.<br>*: Available on request |              |           |           |           |

| Description                                                                                                                                                                                                  | Part No. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Mounting bracket for horizontal installation of V 1600 door damper on flush doors, 100x95x3 mm, with 4 screws M4 x 6, AISI 304                                                                               | 205463   |
| Mounting plate for hooks type 1009, 1011 and 1013, with 4 screws M5 x 6, zinc-plated steel                                                                                                                   | 205231XL |
| Mounting plate for door damper V 1600 on flush fire doors, with 4 screws M4 x 6, zinc-plated steel                                                                                                           | 205237   |
| Mounting plate for door damper V 1600 on fire doors, including 4 screws M4 x 6, zinc-plated steel                                                                                                            | 205212   |
| Mounting kit for door damper V 1600 for attachment to glass doors, consisting of mounting plate with threaded holes and adhesive foil, cover plate AISI 304 with adhesive foil for the rear side of the door | 205375   |
| Mounting kit for hook 1009, 1011 or 1013 for glass doors, consisting of mounting plate AISI 304 with threaded holes and adhesive foil, cover plate AISI 304 with adhesive foil for the rear side of the door | 205376   |