



TS 72
Door closer



dormakaba offers you a comprehensive portfolio of smart & secure access solutions, all from one, reliable source.

Our product portfolio includes everything from locks and keys to a fully networked electronic access solution, and everything from door closers and automatic doors to a mobile partition system.

All supported by a comprehensive service network.

The ideal cost-efficient solution for doors up to 1100mm wide, tested and approved to EN 1154

The dormakaba TS 72 is the ideal multi-purpose door closer for all standard door designs and constructions.

Without a backplate, it is particularly easy and quick to fix. The spring strength can be individually adapted to the door size by means of an adjusting screw.

Certified to ISO 9001

Benefits

For the trade

- Just one model for all standard doors.
- Increasing stocking flexibility thanks to use of the standard ClassicLine series arm.

For the user.

- Constant closing action virtually unaffected by temperature fluctuations.
- Optimum closing speed adjustment with two regulating valves.
- Reliable closing with adjustable latching action.
- Optimum wall and door protection thanks to "thinking" backcheck on TS 72.

For the installer

- Non-handed design.
- Closing force, closing speed and latching action adjustable in just a few movements.

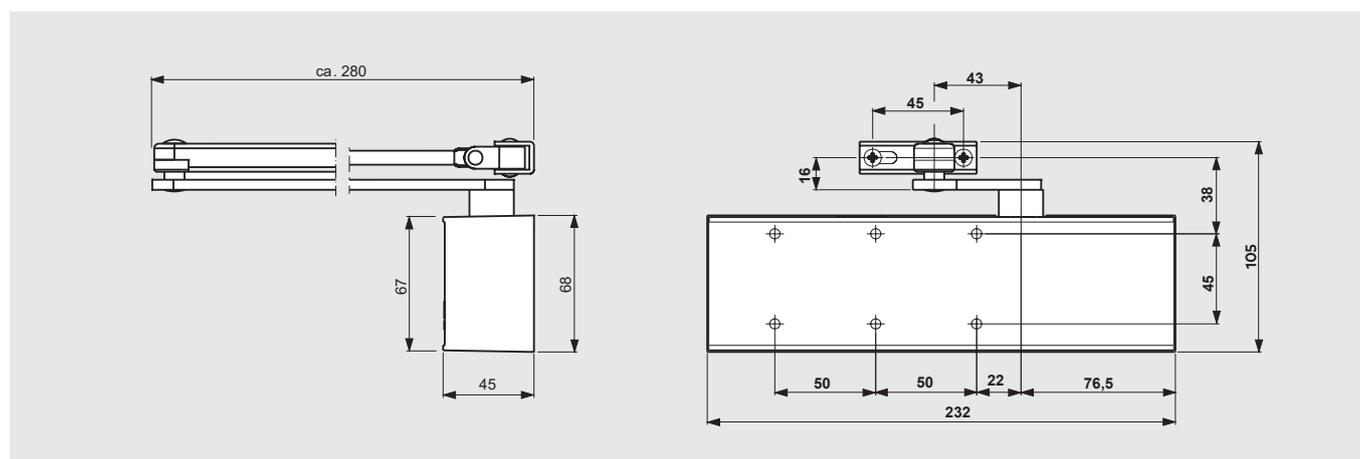
For the specifier/architect

- Outstanding value for money.
- Compact construction combined with timeless design.

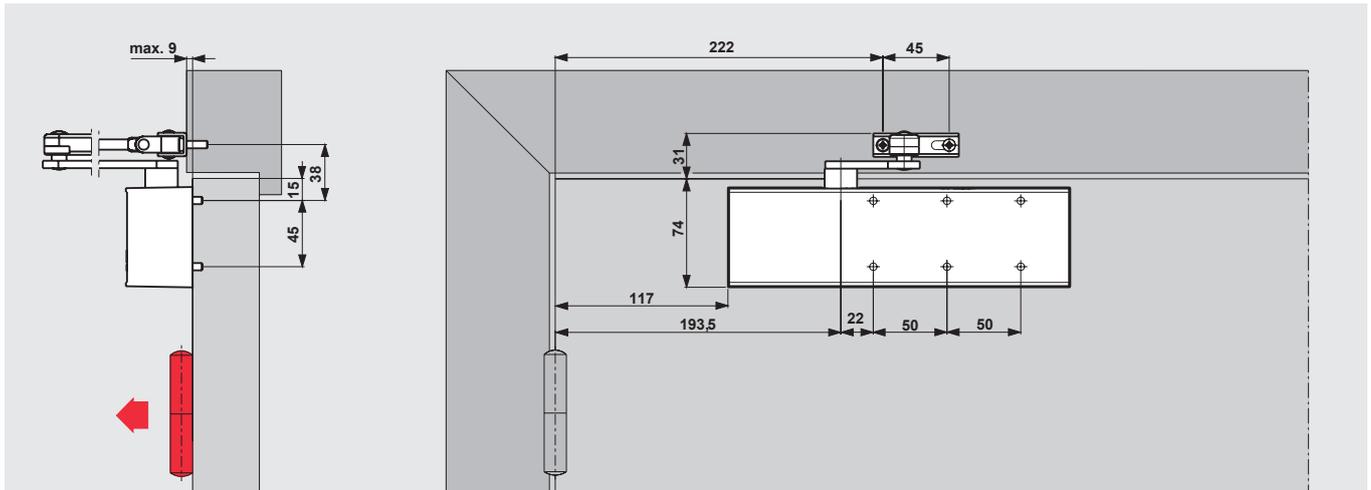
Data and features		TS72
Spring strength adjustable	Size	EN 2 – 4
Standard doors ¹⁾	≤ 1100 mm	●
External doors, outward opening		–
Fire doors		●
Non-handed		●
Arm assembly	Standard	●
	Slide channel	–
Closing speed adjustable at 2 separate valves	180° - 15°	●
	15° - 0°	●
Adjustable latching action by arm		●
Backcheck		●
Delayed action		–
Hold-open		○
Weight in kg		1.2
Dimensions in mm	Length	232
	Overall depth	45
	Height	68
Door closer tested to EN 1154		●
CE-mark for construction products		●
Approved to AS1905 Part1 Fire Resistant Doors		●

● yes – no ○ option

1). With parallel arm fixing, the closing force is approximately 20Nm (for doors up to 950mm)

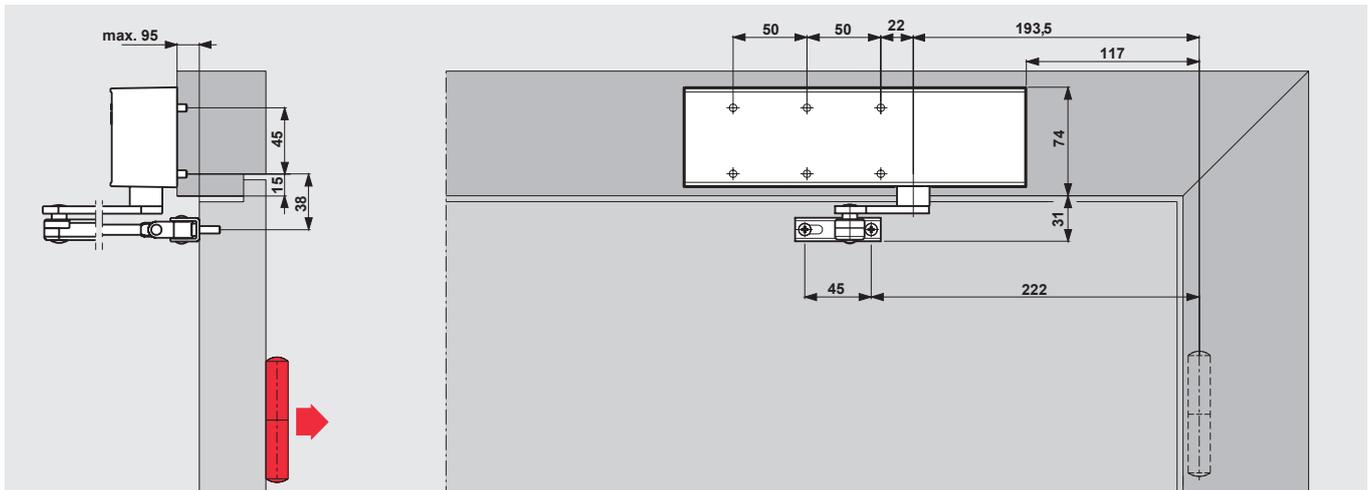


Door leaf fixing, pull-side



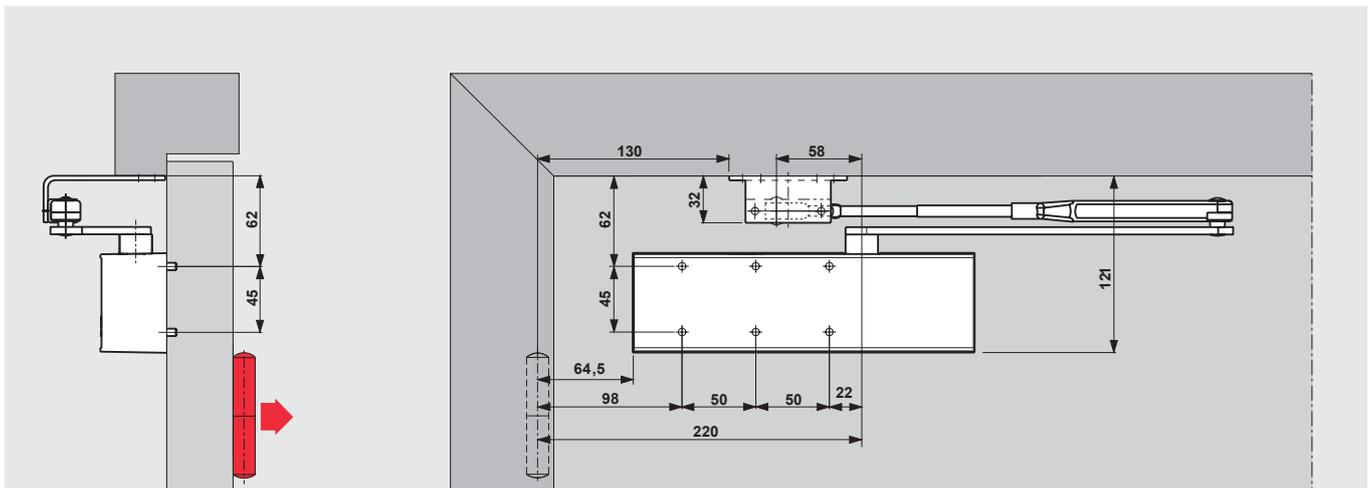
(Example refers to left-hand (ISO6) door; mirror image applies to right-hand (ISO5) door).

Transom fix (overhead frame installation), push side



(Example refers to left-hand (ISO6) door; mirror image applies to right-hand (ISO5) door).

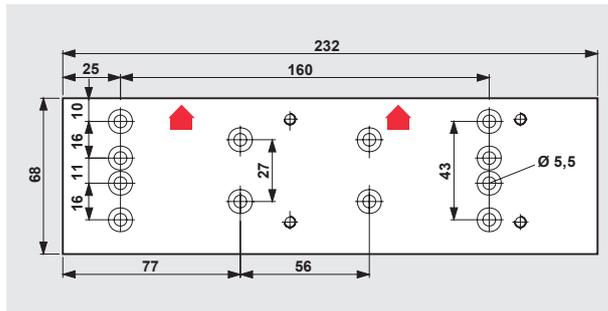
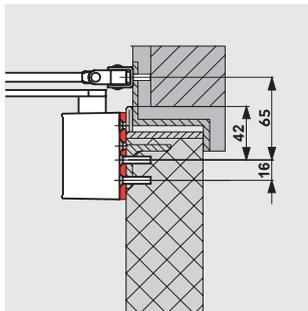
Parallel arm fixing, push side



(Example refers to left-hand (ISO6) door; mirror image applies to right-hand (ISO5) door).

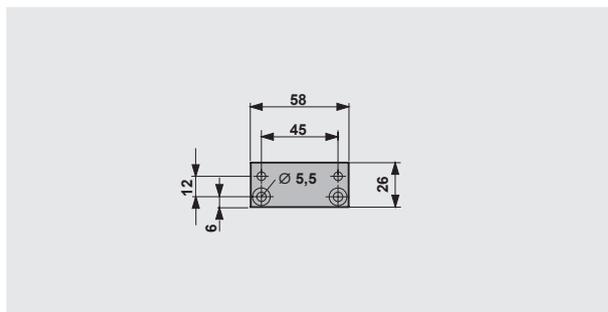
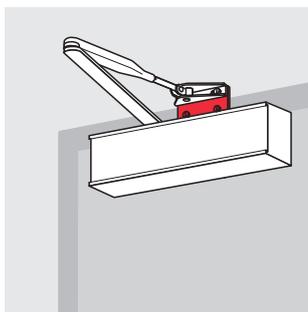
With this fixing method, the closing force is approximately 20Nm (for doors up to 950mm)

Accessories



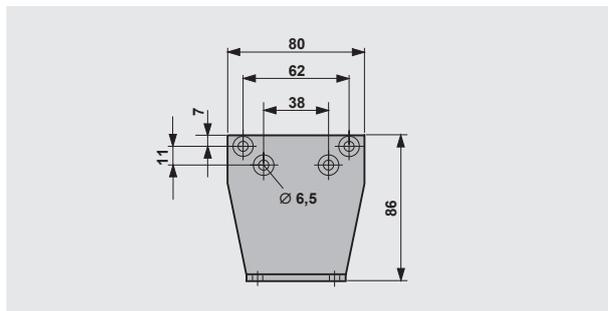
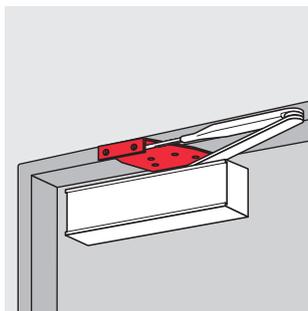
Mounting backplate

For fixing to doors on which the closer cannot be directly installed. Drilled hole pattern as per EN 1154, Supplement 1.



Upstand hinge bracket

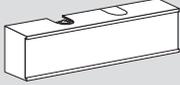
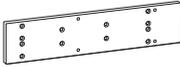
For fixing the arm to particularly narrow door frames.



Fixing bracket

For the parallel-arm configuration.

Supply and accessories information

Closer body TS 72	Standard arm	Hold-open arm with on/ off switch	Mounting back plate	Arm bracket adapter plate	Parallel arm bracket
					
Size EN 2/3/4 ■ 222521xx	□ 220023xx	□ 220025xx	22021xx	830014xx	280066xx
	■ 222523xx	■ 222525xx			

Order No.

- = Body only
- = Arm only
- = Closer with arm, complete
- △ = Accessory

Colour

- Silver 01
- Special colour 09

xx

01

09

Specification text TS 72 EN 2/3/4

Rack-and-pinion door closer with adjustable closing force, size EN 2 – 4, closing speed adjustable in two independent ranges, with adjustable latching action. Non-handed. Tested and approved to EN 1154.

Make

dormakaba TS 72

Model

- with standard arm
- with hold-open arm

Accessories

Colour

- Silver
- Special colour

Standard and optional functions

With variable closing speed

The closing speed of the dormakaba TS 72 is variable in two independent ranges by separate valves.

In addition, the latching action can be adjusted at the closer arm.

Closing force settings

Door width	Size setting
≤ 850 mm	EN 2
≤ 950 mm	EN 3
≤ 1100 mm	EN 4

The closing force (size) setting for the door width concerned is variable at the adjustment screw located at the end face of the TS 72 closer body.

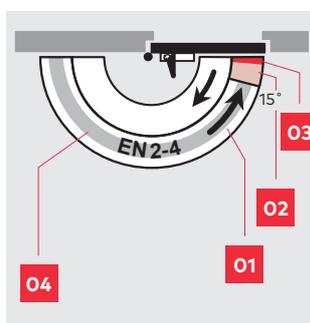
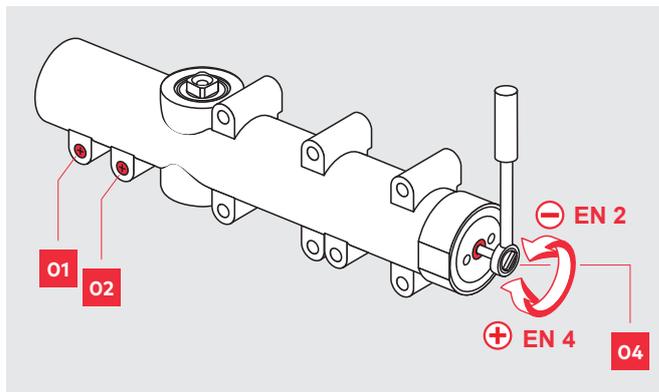
With "thinking" backcheck (TS 72 VBC only)

Thanks to an innovative design concept, the resistance developed by this backcheck system is directly proportional to door acceleration as the door is opened beyond approx. 70°. It is almost imperceptible when the door is opened slowly. However, if the door is opened roughly, the backcheck responds in equal measure.

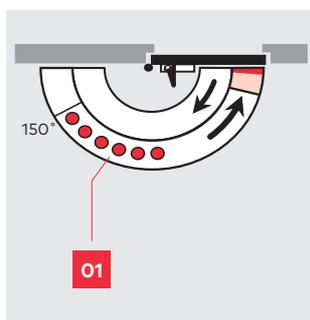
And if the door should be flung open at speed – whether deliberately, thoughtlessly, accidentally or as a result of a gust of wind – the backcheck reacts at full strength, protecting the wall and door from damage.

If backcheck function is required, the system can simply be switched on.

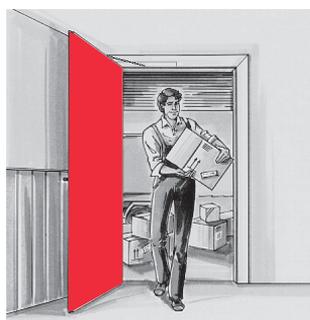
If the dormakaba TS 72 is installed with a hold-open arm, the doors can be held open at any desired point (up to approx. 150°).



- O1 Adjustable closing speed in the range 180° – 15°.
- O2 Adjustable closing speed in the range 180° – 15°.
- O3 Latching action (variable at arm).
- O4 Adjustable closing force.



- O1 Hold-open range.





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