

TS 92 Basic

Door closer



TS 92 Basic in Contur design – The complete solution

The slide channel door closer TS 92 Basic offers highest level of user convenience with the time-tested dormakaba EASY OPEN technology. Thanks to the complete package it offers, the TS 92 Basic is the ideal solution for single-leaf doors up to 1100 mm door width. The door closer is equipped with mounting plate and basic slide channel. The TS 92 Basic is available in dormakaba Contur design and is tested in accordance with EN 1154 and also CE marked.

Advantages listed point by point

For trade

- Low-cost slide channels-Technology for standard doors.
- Low storage costs and low procurement expenses with uniform slide channels of the Contur series.

For fitters

- Suitable for DIN-L as well as DIN-R doors.
- Quick and easy installation and adjusted with less movements.

For planners

- Optimum price-performanceratio

For the end user

- Enhanced user convenience and fully controlled closing.
- Optimum adjustment of closing speed and secure closing through two control valves.

Data and features		TS 92 Basic B/G ¹⁾
Continuously adjustable closing force	Size	EN 1-4 ●
General doors ²⁾	≤ 1100 mm	●
Exterior doors, opening outwards ²⁾		-
Fire and smoke doors		●
Same design for DIN-L (left-handed door) and DIN-R (right-handed door)		●
Bar	Slide channel	●
Closing speed continuously adjustable	180°-15°	●
using two valves separate from one another	15°-0°	
Mechanical cushioned limit stay		○
Back check		-
Delayed closing		-
Hold open		○
Weight in kg		2.0
Dimensions in mm	Length	281
	Installation depth	47
	Height	65
Door closers tested in accordance with EN 1154		●
CE-Identification for construction products		●
Rapidly decreasing opening torque in accordance with DIN SPEC 1104		●
Barrier-free in accordance with DIN 18040 for door widths (mm) up to max.		1100

● yes - no ○ Option

¹⁾ B = Design for door leaf mount on pull side, lintel mount on opposite push side.

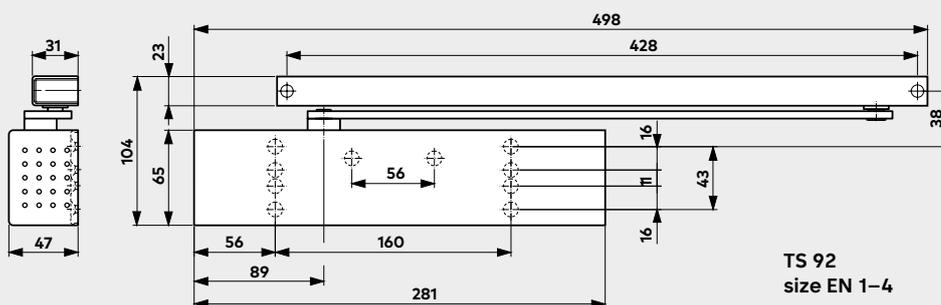
G = Design for door leaf mount on opposite push side, lintel mount on pull side.

²⁾ We recommend dormakaba TS 93 for exceptionally heavy doors and doors which need to close against wind pressure.

Rapidly decreasing opening torque

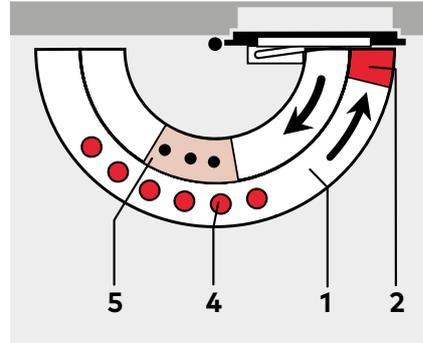
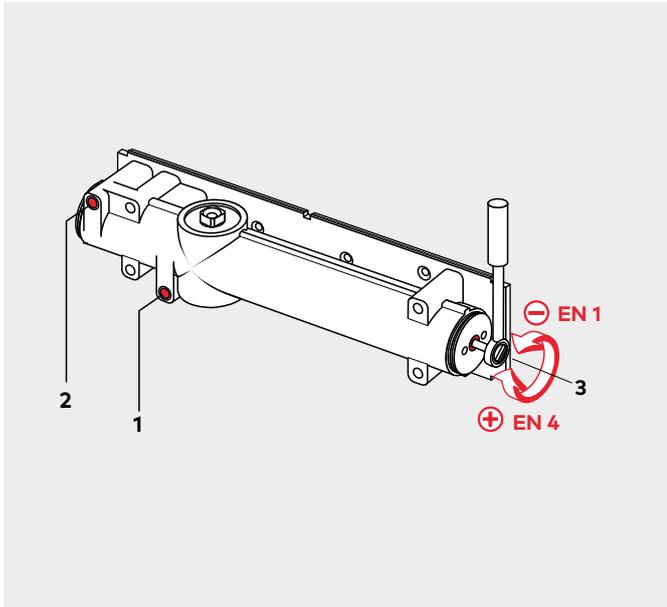
Unlike conventional slide channel door closers, the Easy Open technology in TS 92 Basic ensures the highest level of user convenience.

The resistance one needed to overcome while opening the door drops in an instant. Children and older people are particularly appreciative of this high convenience level.



Standard and optional functions

TS 92 Basic B/G



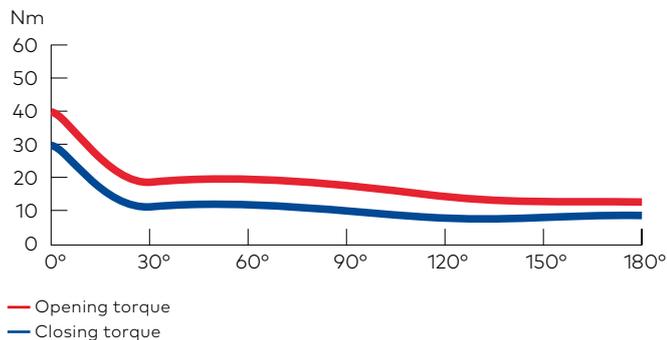
- 1 Continuously adjustable closing speed in the range from 180°–15°
- 2 Continuously adjustable closing speed in the range from 15°–0°
- 3 Continuously adjustable closing force
- 4 Hold open (option)
- 5 Cushioned limit stay (option)

The **closing speed** of the TS 92 is individually adjustable over two independent ranges at two separate valves.

The **closing force setting (spring strength)** for the relevant door width is adjusted with the TS 92 at an infinitely variable lateral adjustment screw.

Torque characteristics

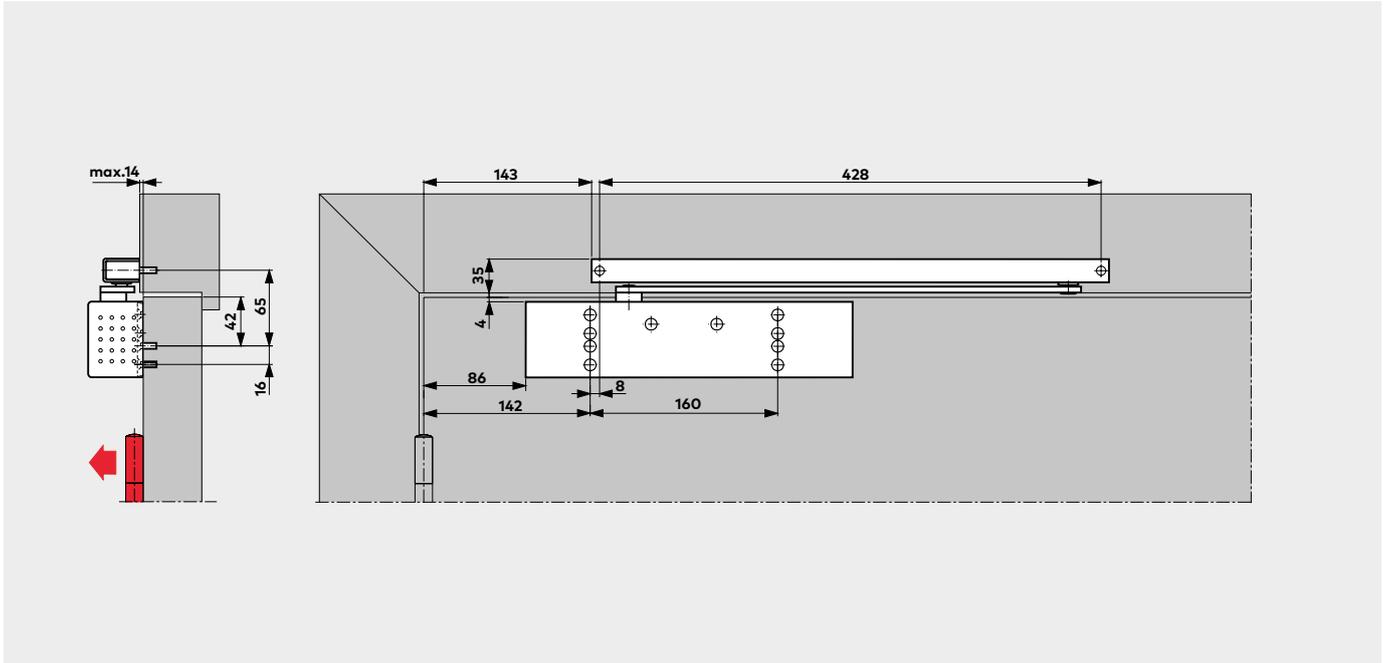
dormakaba TS 92 Basic B
Closing force setting size EN 4



The heart-shaped cam disc and the linear drive that are a distinctive feature of all dormakaba slide channel door closers ensure easy operation of the door thanks to rapidly decreasing opening torque. This means that even children, the elderly and the disabled can open doors with ease.

The user-friendliness of the system is further enhanced by the reliable latching action achieved by the fact that the closing force only rises in the end phase of the cycle.

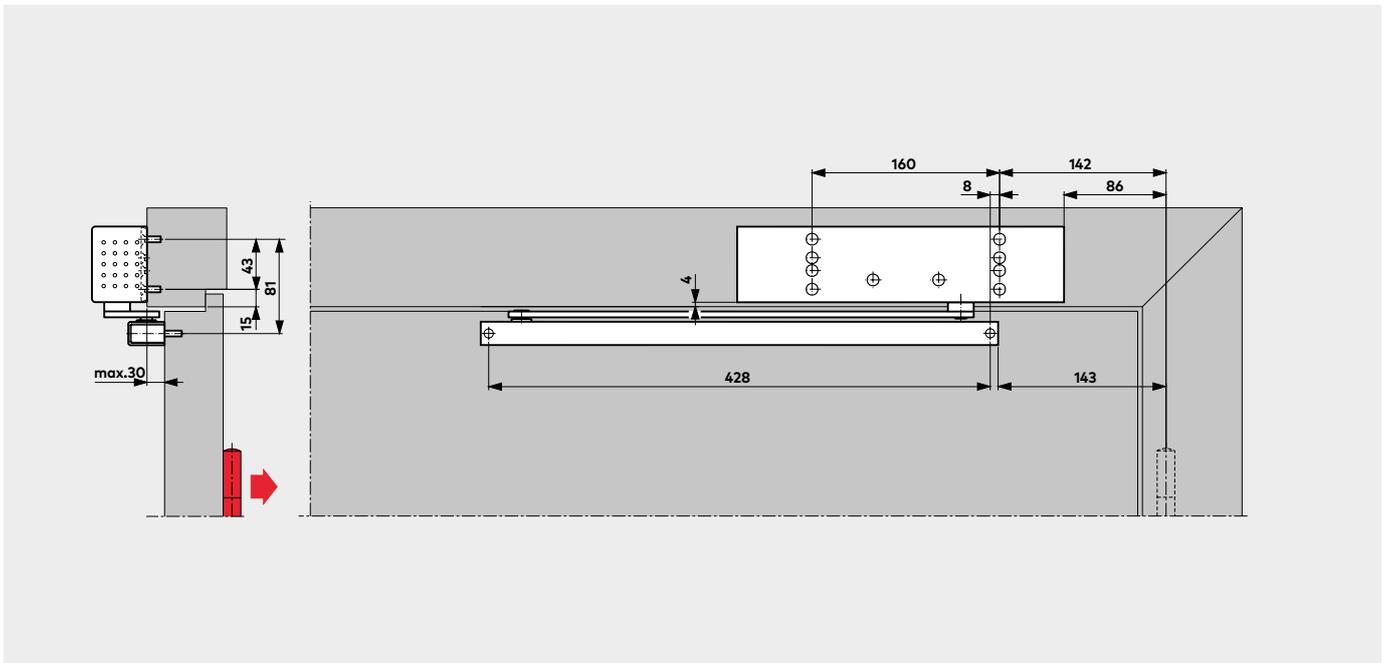
TS 92 BASIC B Door-leaf mounting on pull side



(Example: DIN-L door, DIN-R door reversed image)

Depending on structural conditions, an opening angle of 180° is possible in this type of installation. A hollow in the wall for the door closer may be required for this.

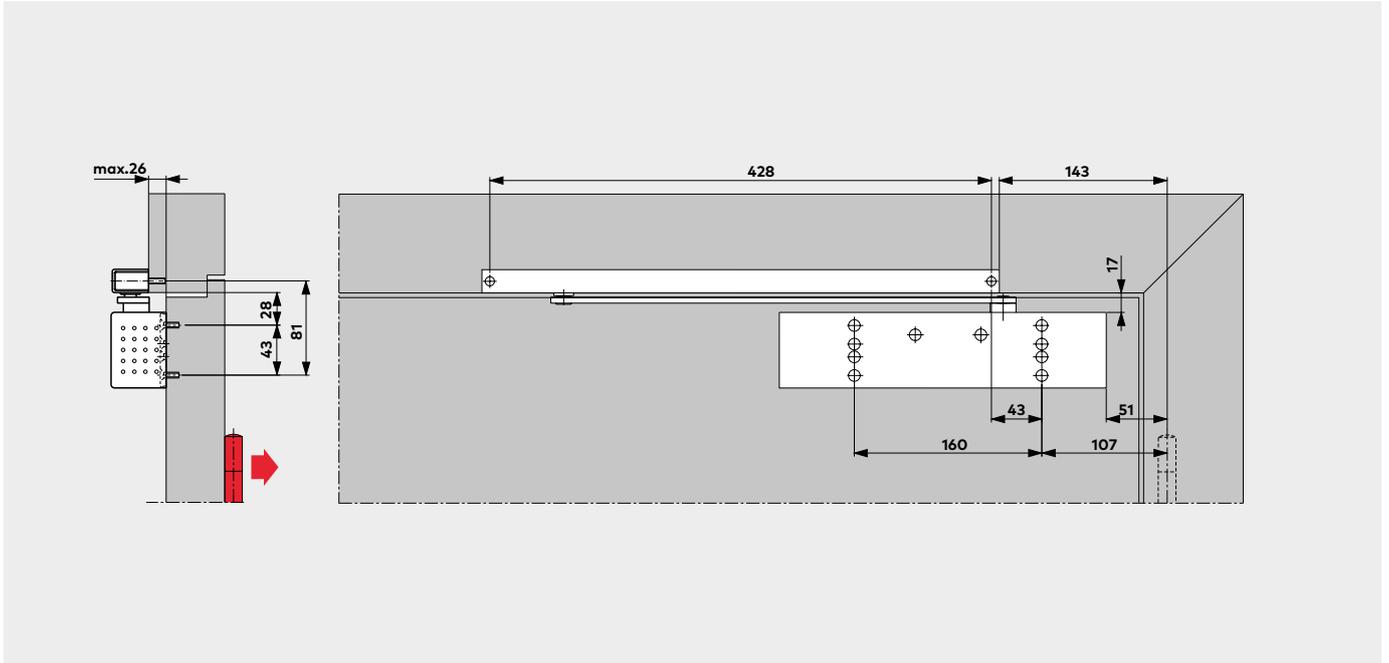
TS 92 BASIC B Transom fixing, push side



(Example: DIN-L door, DIN-R door reversed image)

Depending on structural conditions, the door opening angle is restricted to approx. 120° to 145°. It is recommended to use the cushioned limit stay or to fit a door stop to avoid damage to the door or door closer.

TS 92 BASIC G Door leaf fixing, push side

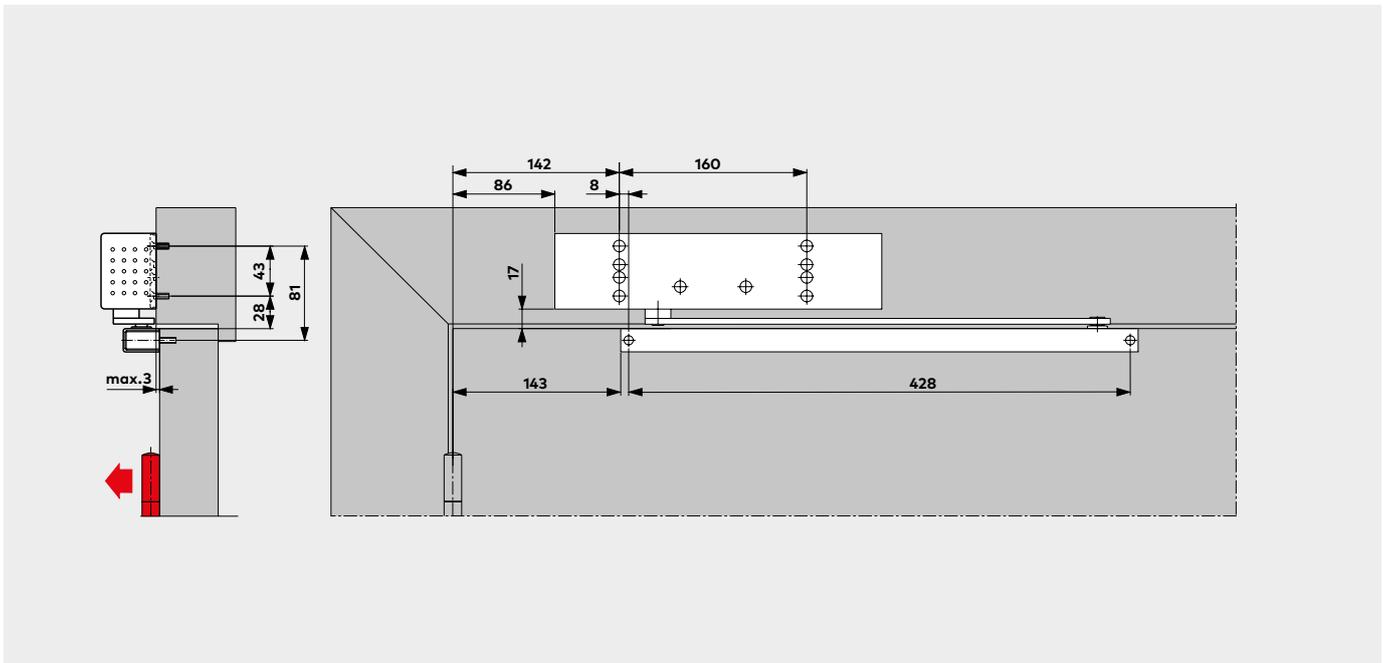


(Example: DIN-L door, DIN-R door reversed image)

Depending on structural conditions, the door opening angle is restricted to approx. 120° to 145°. It is recommended to use the cushioned limit stay or to fit a door stop to avoid damage to the door or door closer.

A door stop must be fitted in the case of fire and smoke doors.

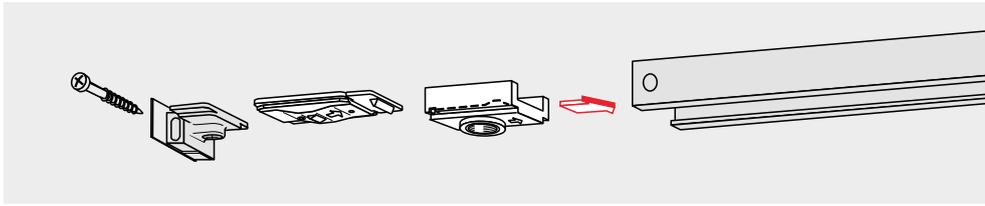
TS 92 BASIC G Transom fixing, pull side



(Example: DIN-L door, DIN-R door reversed image)

Depending on structural conditions, an opening angle of 180° is possible in this type of installation.

Hold-open unit

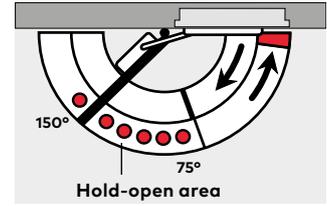


The hold-open unit **RF** enables an exact fixing of door without using a spring system up to an opening angle of approx. 150°.

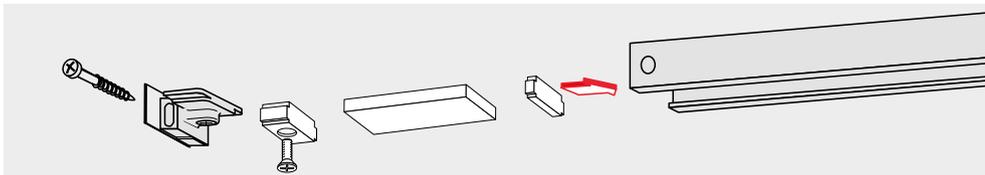
The ratchet type hold-open system can be activated and deactivated by the user if required, and the disengagement force can be adjusted to the respective door situation.

The RF unit is suitable for DIN-L as well as for DIN-R doors and is designed for retrofitting the G-N slide channel.

In the case of door-leaf mounting on the opposite push side in conjunction with doors opening outward and in case of big, heavy doors, the hold-open unit is only conditionally operational.



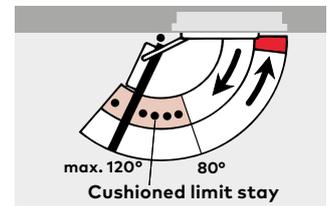
Not suitable for fire and smoke doors.



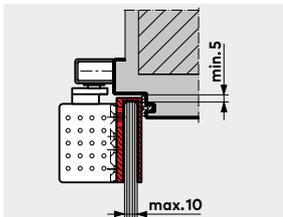
Accessories for slide channel G-N:

Cushioned limit stay for retrospective insertion in the slide channel. Adjustable between 80° and **max. 120°**.

By using cushioned limit stay, the hitting of a normally opened door against adjacent walls is avoided.

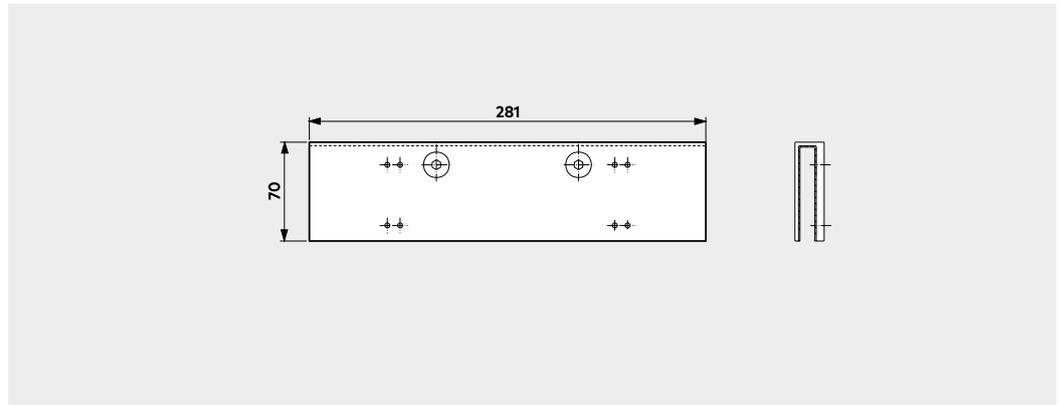


The cushioned limit stay cannot be used as overload protection and does not substitute the door stop in many use cases.



Glass door saddle for TS 92 / TS 92 Basic

For mounting the closer on all glass doors – glass processing such as hollows and boreholes is not required.



Specification text

TS 92 Basic

Slide channel door closer as per BS EN 1154 in Contur design, with CE marking.

With rapidly decreasing opening torque to open doors easily as per DIN SPEC 1104 and DIN 18040.

Adjustable closing force EN 1–4. Including mounting plate for the closer body and Basic slide channel.

Closing speed, latching action using valve can be adjusted comfortably from front. Non-handed.

Installation

"B" for door leaf mounting on pull side and lintel mounting on opposite push side

"G" for door leaf mounting on opposite push side and lintel mounting on pull side

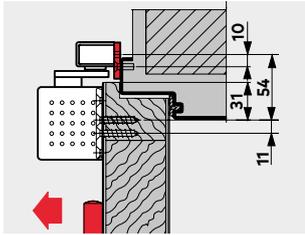
Colour

Silver-coloured white, similar to RAL 9016

Accessories

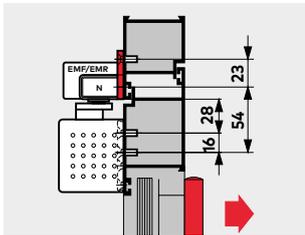
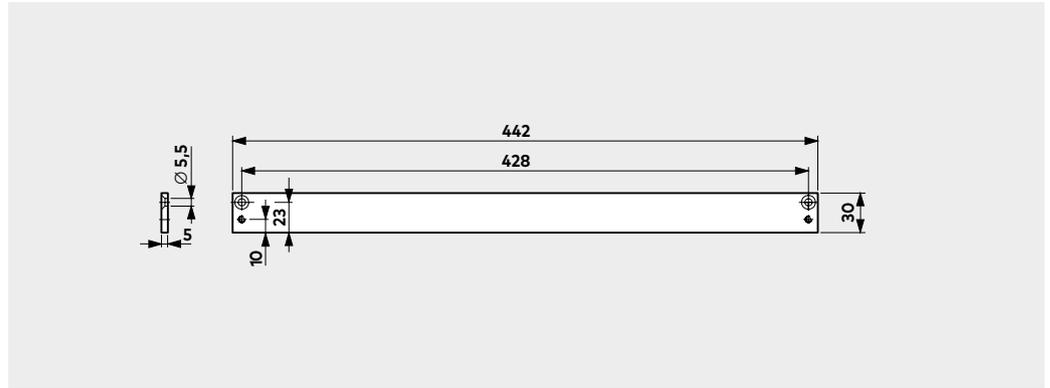
Hold-open unit, mechanical, not suitable for use on fire and smoke doors cushioned limit stay, can be fitted retrospectively for integration in the slide channel lintel bracket for G-N

Accessories



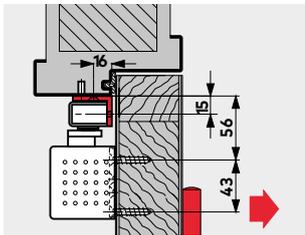
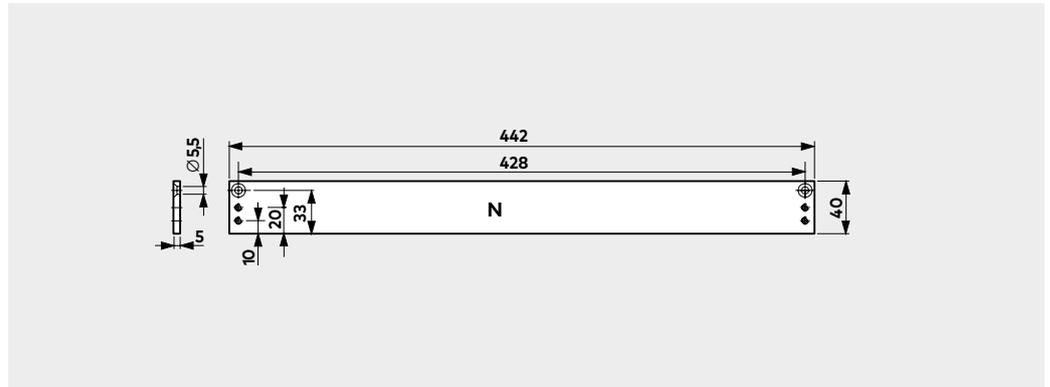
Mounting plate 30 mm for G-N + G-N Basic

For fixing the slide channel on door frames where a direct mounting is not possible.



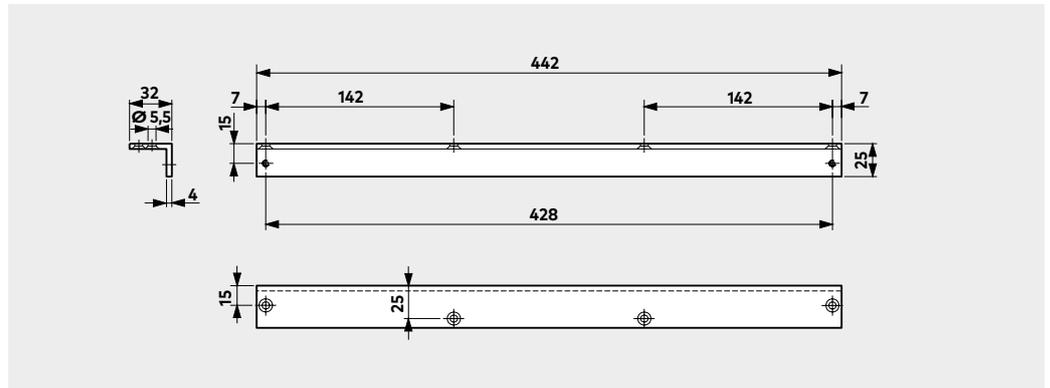
Mounting plate 40 mm for G-N + G-N Basic

For fixing the slide channel on door frames where a direct mounting is not possible.

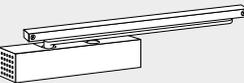
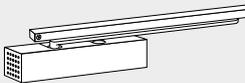
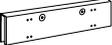


Lintel bracket for G-N + G-N Basic

For fixing the slide channel on door frames with deep lintel in case of mounting on the opposite push side.



Product contents and accessories

TS 92 Basic		Accessories					
TS 92 Basic B incl. Basic slide channel EN 1-4	TS 92 Basic G incl. Basic slide channel EN 1-4	Mounting plate 30 mm for G-N	Mounting plate 40 mm for G-N	Lintel bracket for G-N	Cushioned limit stay for G-N	RF unit for G-N	Glass door saddle TS 92/ TS 92 Basic
							
420206xx	420306xx	644000xx	644100xx	644300xx	35800093	18570000	420001xx

xx	Colour
01	Silver-coloured
11	White (RAL 9016)

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability



Our offering

Access Automation Solutions

Entrance Automation
Entrance Security



Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems



Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems



Services

Technical Support
Installation and commissioning
Maintenance and Repair



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