E. Doors and Accessories

1. Doors
2. Door closers
3. Door hinges
4. Magnetic door stops

DOOR TYPES

		Dimensions (mm)	
Door Type	**Description**	**Clear width**	**Clear height**
	single door	600	
ELD	painted frame	650	
	Doorleaf PVC coated	700	
	42 dB	750	1,990
	single door	600	
ELD	painted frame	650	
	Doorleaf painted	700	
	42 dB	750	1,990
	single door	600	
ELD	painted frame	650	
	Embossed doorleaf	700	
	42dB	750	1,990
	single door	800	
ELI	Stainless steel frame	850	
	stainless steel doorleaf	900	
	42dB	950	1,990
	double door	1,000	
ELD	painted frame	1,200	
double	Doorleaves PVC coated	1,400	
		1,600	1,990
	double door	1,000	
ELI	Stainless steel frame	1,200	
double	stainless steel doorleaves	1,400	
		1,600	1,990

CABIN DOOR SELECTION

DOOR TYPE	CODE	OPENING SIDE	CODE	FRAME THICKNESS	CODE
SINGLE	A1	RIGHT	D	EP 50	1
Z-PROFILE (TOP AND BOTTOM)	A2	LEFT	G	EP 75	2
Z-PROFILE (TOP ONLY)	A3			EP 80	3
Z-PROFILE (BOTTOM ONLY)	A4			OTHER, PLEASE ASK US	4
WITH TUBULAR FRAME	B1				
DOUBLE LEAF (1/2 .1/2)	C1				
DOUBLE LEAF (2/3-1/3)	C2				
OTHER, PLEASE ASK US	D0				

FRAME POLE TYPE	CODE	H_CLEAR	CODE	L_CLEAR	CODE
RIGHT_Z_65. LEFT_Z_65.	A	IF LOWER, PLEASE ASK US	1	500	1
RIGHT_Z_65. LEFT_SINGLE_60.	B	1700	2	550	2
RIGHT_SINGLE_60. LEFT_Z_65.	C	1800	3	600	3
RIGHT_SINGLE_60. LEFT_SINGLE_60.	D	1900	4	650	4
OTHER, PLEASE ASK US	E	2000	5	700	5
		2100	6	750	6
		OTHER, PLEASE ASK US	7	800	7
		IF HIGHER, PLEASE ASK US	8	850	8
				900	9
				1000	A
				1100	B
				1200	C
				1400	D
				1600	E
				1800	F
				2000	G
				2200, PLEASE ASK US	H
				OTHER, PLEASE ASK US	I

H_TOPFRAME	CODE	H_BOTTOMFRAME	CODE	HINGE TYPE	CODE
60	1	3	1	3 HOLES DEVISMES 7308	A
65	2	5	2	4 HOLES MONIN 6545 REINFORCED	B
100	3	10	3	3 HOLES DEVISMES SPRING HINGE	C
150	4	20	4	4 HOLES RAZETO SPRING HINGE	D
200 , PLEASE ASK US	5	25	5	4 HOLES RAZETO	E
250, PLEASE ASK US	6	50	6	IF OTHER, PLEASE ASK US	F
300 , PLEASE ASK US	7	100	7		
IF HIGHER, PLEASE ASK US	8	IF HIGHER, PLEASE ASK US	8		

DOOR CLOSER TYPE	CODE	LOCK TYPE	CODE	H_HANDLE	CODE
DORMA TS72	A	TESA MECHANIC	A	IF LESS HIGH, PLEASE ASK US	1
DORMA TS83	B	TESA ELECTRONIC	B	850	2
DORMA TS91	C	TRIO ELEC VC1000	C	900	3
ARMOR 100	D	TRIO ELEC VC3000	D	950	4
GROOM 150	E	TRIO 5122	E	1000	5
GROOM 250	F	TRIO 5316	F	1050	6
GEZE 1700	G	SCHWEPPER 3201	G	1100	7
GEZE 2000	H	SCHWEPPER 3801	H	IF HIGHER, PLEASE ASK US	8
GROOM LIMITATOR	I	SCHWEPPER 4040	I	IF OTHER, PLEASE ASK US	9
WITHOUT	J	SELECT 5200	J		
OTHER, PLEASE ASK US	K	SELECT 5275	K		
		SELECT 5283	L		
		TRIO 5312	M		
		OTHER, PLEASE ASK US	K		

LEAF TYPE	CODE	OPTIONS	CODE	OTHER SIDE LEAF FINISHING	CODE
WITHOUT TRIMLIST	A	WITHOUT	0	WITHOUT	1
STRAIGHT TRIMLIST	B	SPY HOLE	1	EPOXY PAINTED	2
CURVED TRIMLIST	C	ONE GRID	2	STAINLESS STEEL	3
LAMINATE WITH STRAIGHT TRIMLIST	D	TWO GRIDS	3	LAMINATE	4
LAMINATE WITH STRAIGHT TRIMLIST	E	RUBBER SEAL	4	PVC FOIL	5
EMBOSSED	F	STAIN.STEEL KICKPLATE	5	OTHER, PLEASE ASK US	6
		PORTHOLE	6		
		OTHER, PLEASE ASK US	7		

FRAME FINISHING	CODE	HINGE SIDE LEAF FINISHING	CODE	TRIMLIST TYPE	CODE
WITHOUT FINISHING	1	WITHOUT FINISHING	1	WITHOUT FINISHING	1
EPOXY PAINTED	2	EPOXY PAINTED	2	EPOXY PAINTED	2
STAINLESS STEEL	3	STAINLESS STEEL	3	STAINLESS STEEL	3
OTHER, PLEASE ASK US	4	LAMINATE	4	PVC FOIL	4
		PVC FOIL	5	OTHER, PLEASE ASK US	5
		OTHER, PLEASE ASK US	6		

DOORS

B15 DOORS MODELS

OPTIONAL FEATURES:

- Stamped door
- Stainless steel sill
- Ventilation grille
- Kick-out panel
- Porthole
- Door closer
- Opening limitor

OTHER TYPES OF DOORS:

- Single and double teak doors
- External doors
- Swing doors
- Sliding doors
- Doors to technical premises
- All types of specific doors

OTHER DOORS: PHOTOS OF QUEEN MARY II

TS 5000

Overhead rack and pinion door closer with guide rail, DIN EN 1154
Size range 2–6

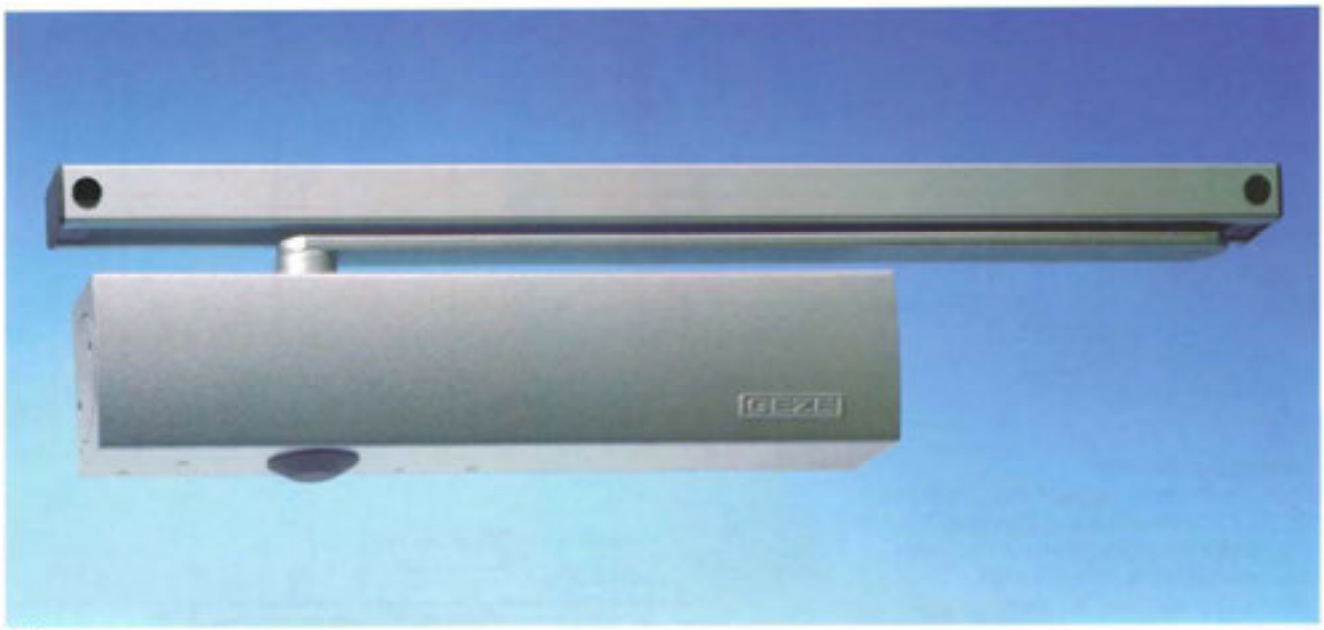


Fig. 1

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

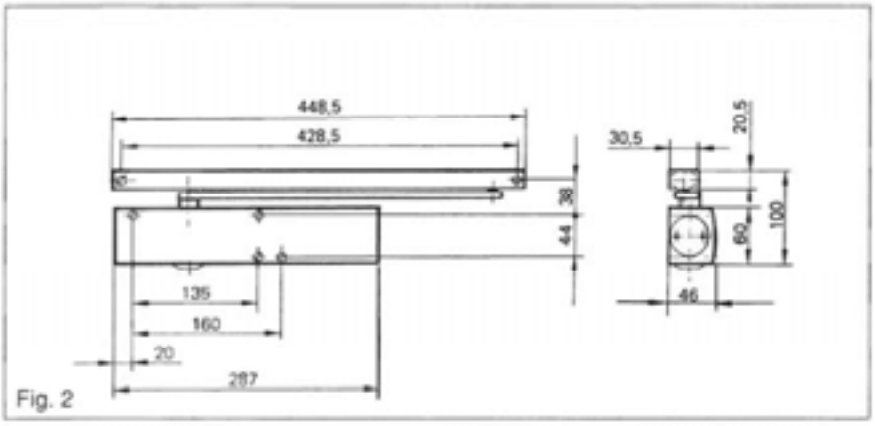


Fig. 2

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

TS 5000 L

Overhead rack and pinion door closer with guide rail, DIN EN 1154
Mounting on side opposite hinge (with lintel angle bracket) or transom mounting on hinge side, size range 2–6

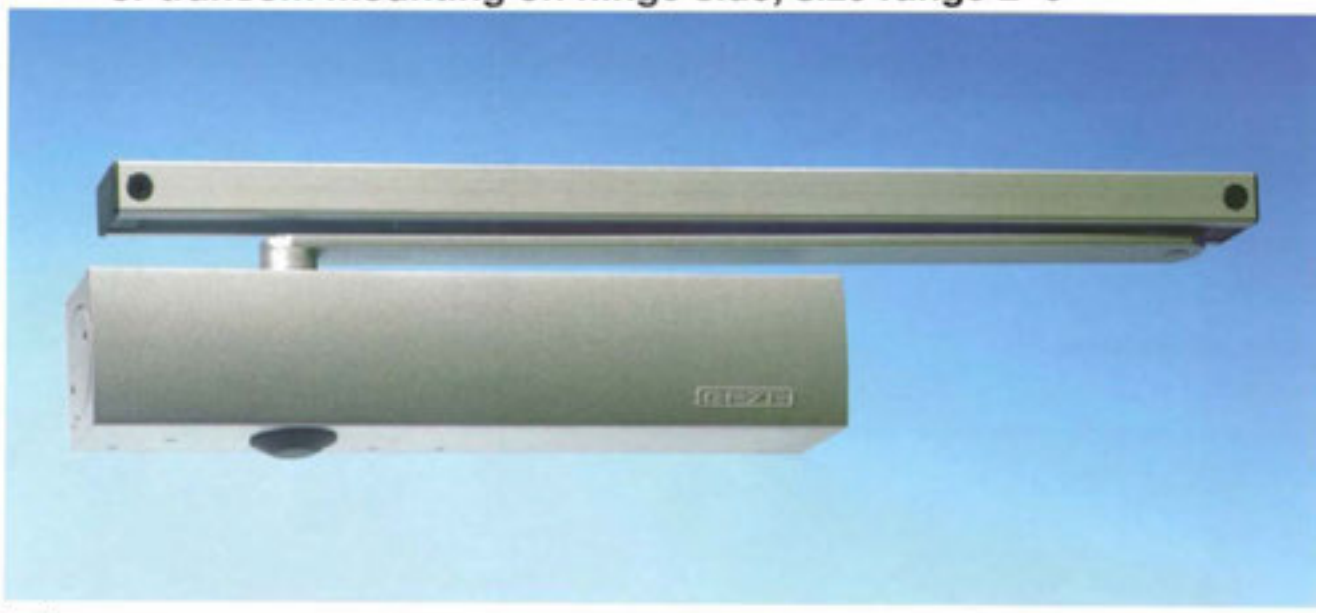


Fig. 1

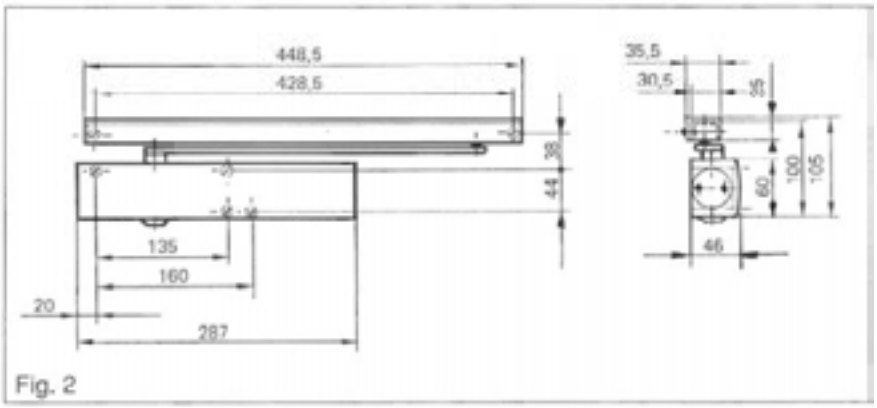


Fig. 2

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

TS 3000 V

Overhead rack and pinion door closer with guide rail, DIN EN 1154, size range 1–4

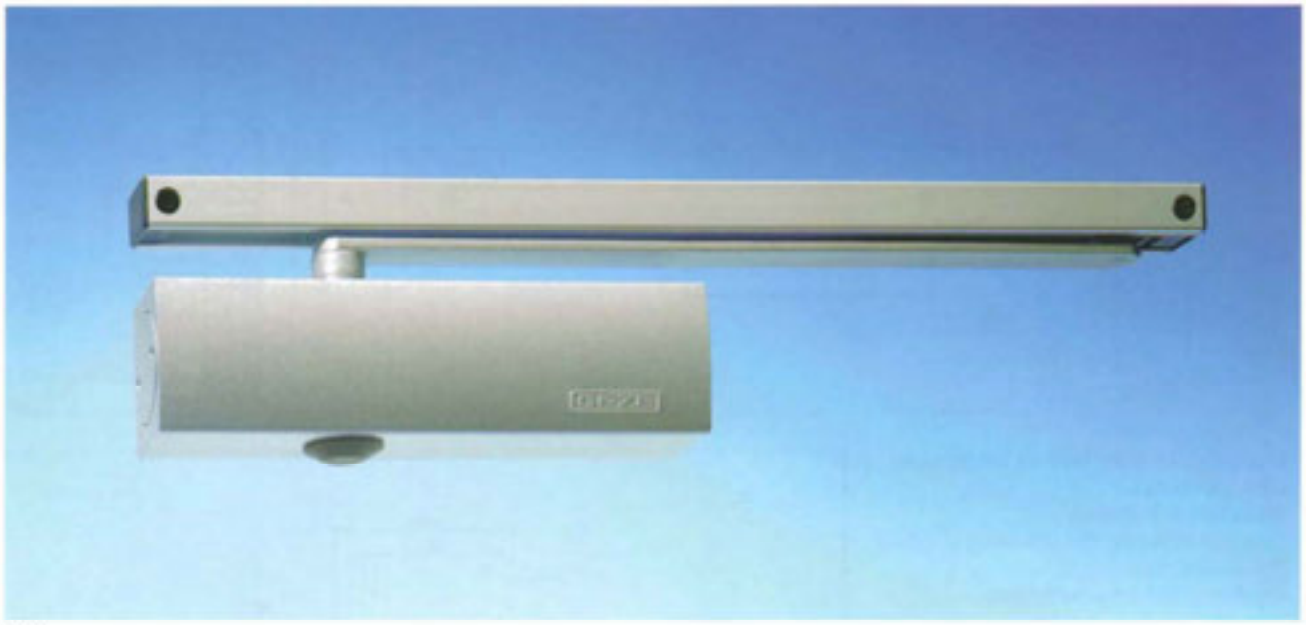


Fig. 1

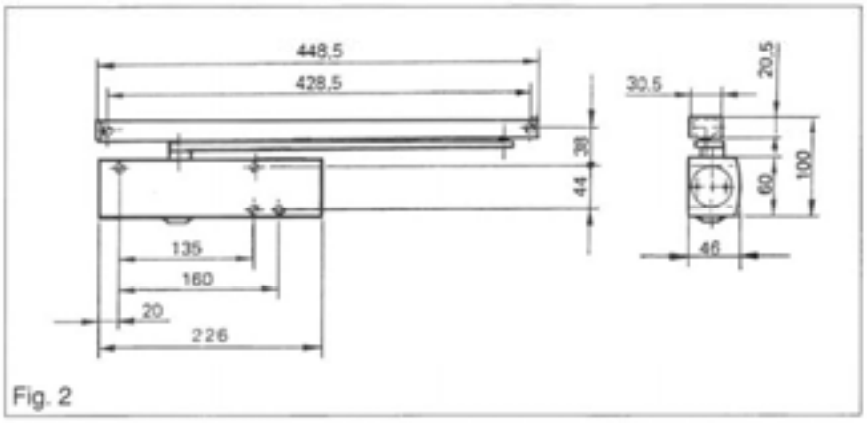


Fig. 2

Product features

- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

TS 4000

Overhead rack and pinion door closer, DIN EN 1154
Size range 1–6, size 7

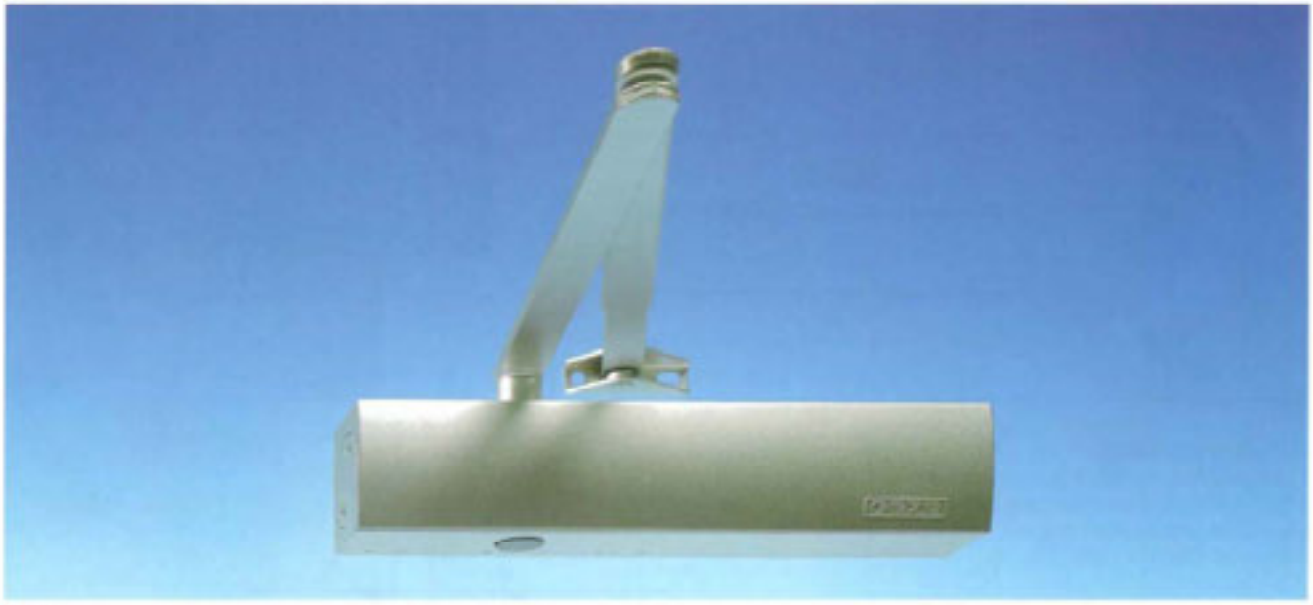


Fig. 1

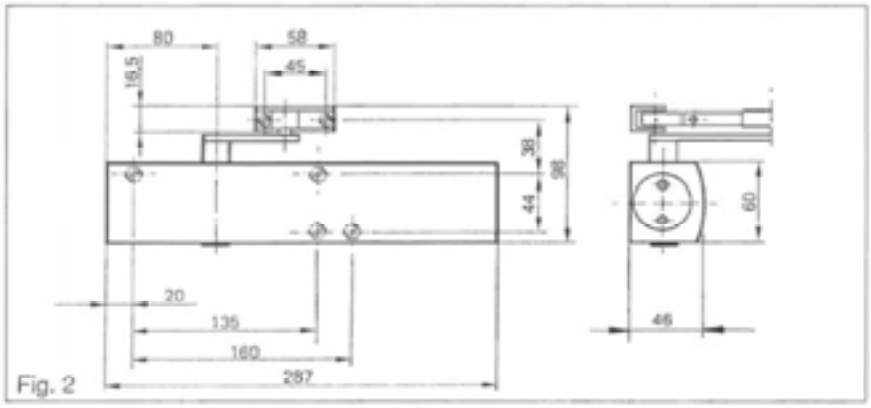


Fig. 2

Product features

- All functions adjustable at front
- Housing and link arm available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

STOP TS 550 F

Floor mounted door closer, DIN EN 1154
Size range 3–6

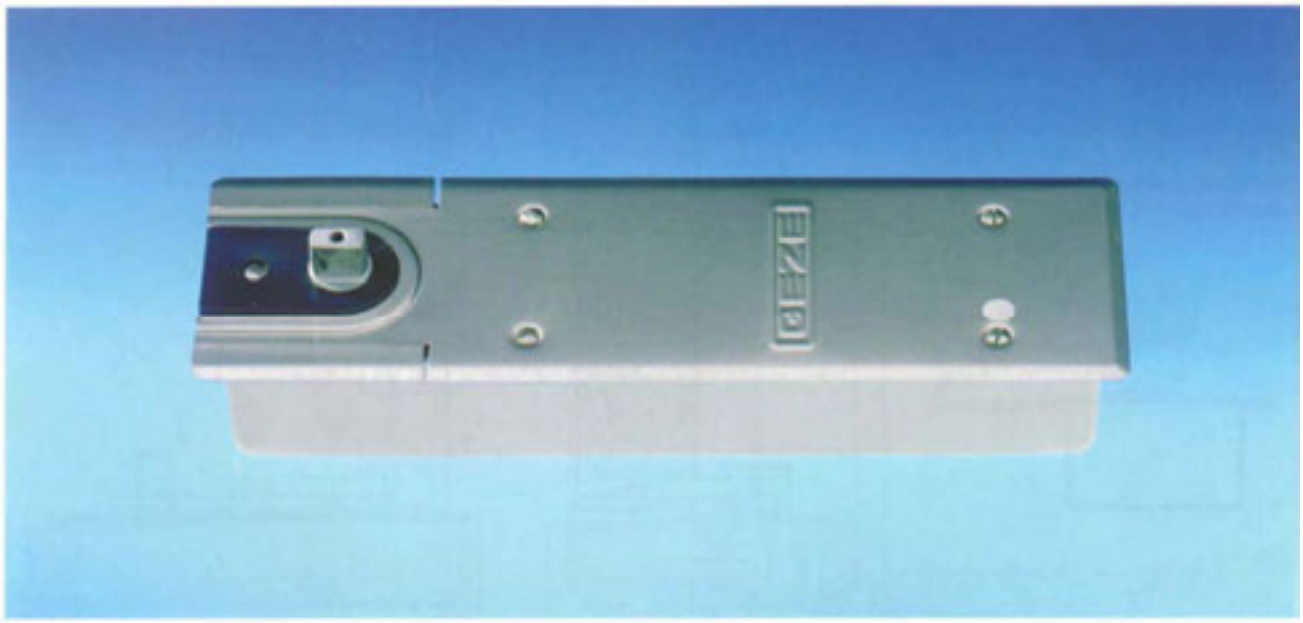


Fig. 1

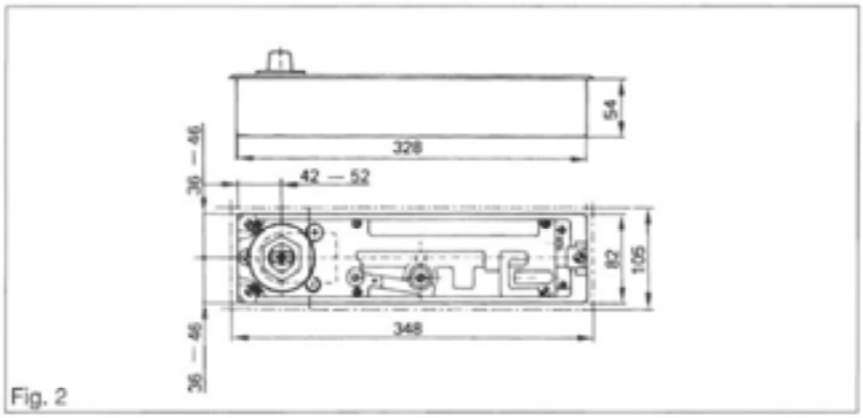


Fig. 2

Product features

- Large adjustment range:
  Height adj.: 6 mm
  Lateral adj.: 10 mm
  Length adj.: 10 mm

Applications

- For single action doors with leaf widths up to 1400 mm
- For leaf weights up to 250 kg
- For right **or** left hand single action doors
- For smoke and fire doors with provision for floor mounted door closer

TS 5000 S

Overhead rack and pinion door closer with guide rail, with delayed closing, DIN EN 1154
Size range 2–6

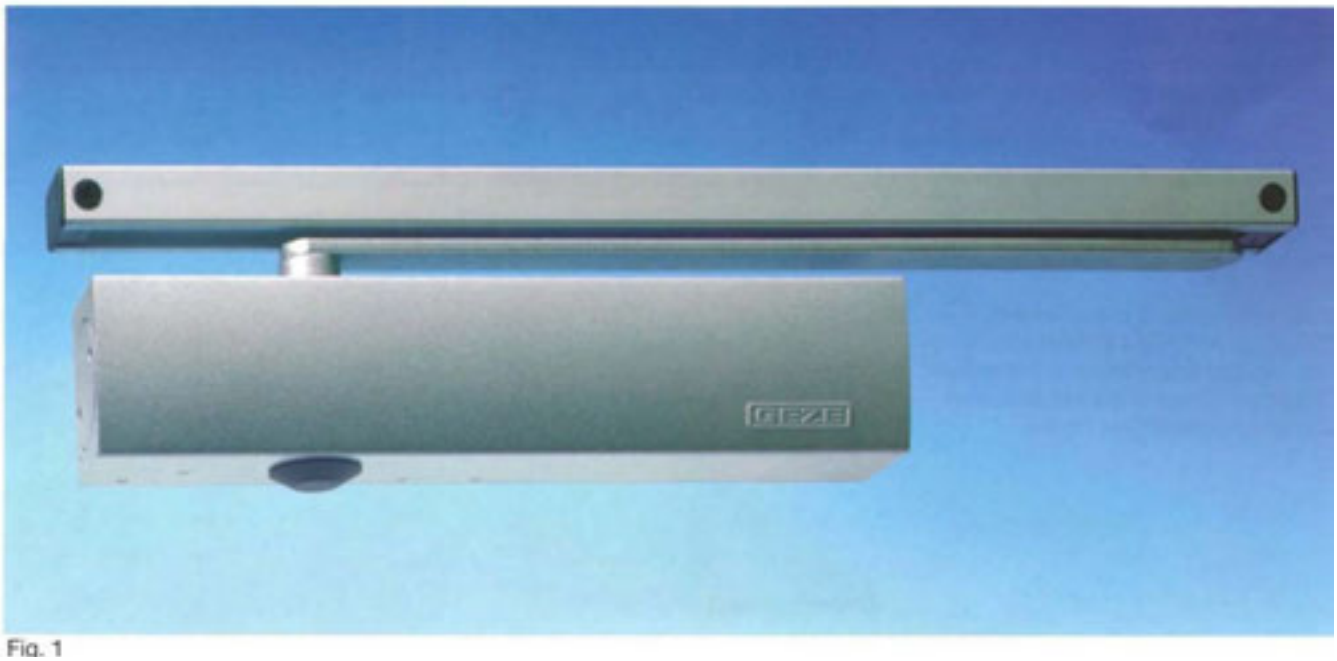


Fig. 1

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For doors for which longer passage times are required
- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer with mounting rate

Closer dimensions and mounting identical to TS 5000

TS 4000 S

Overhead rack and pinion door closer with delayed closing, DIN EN 1154, size range 1–6

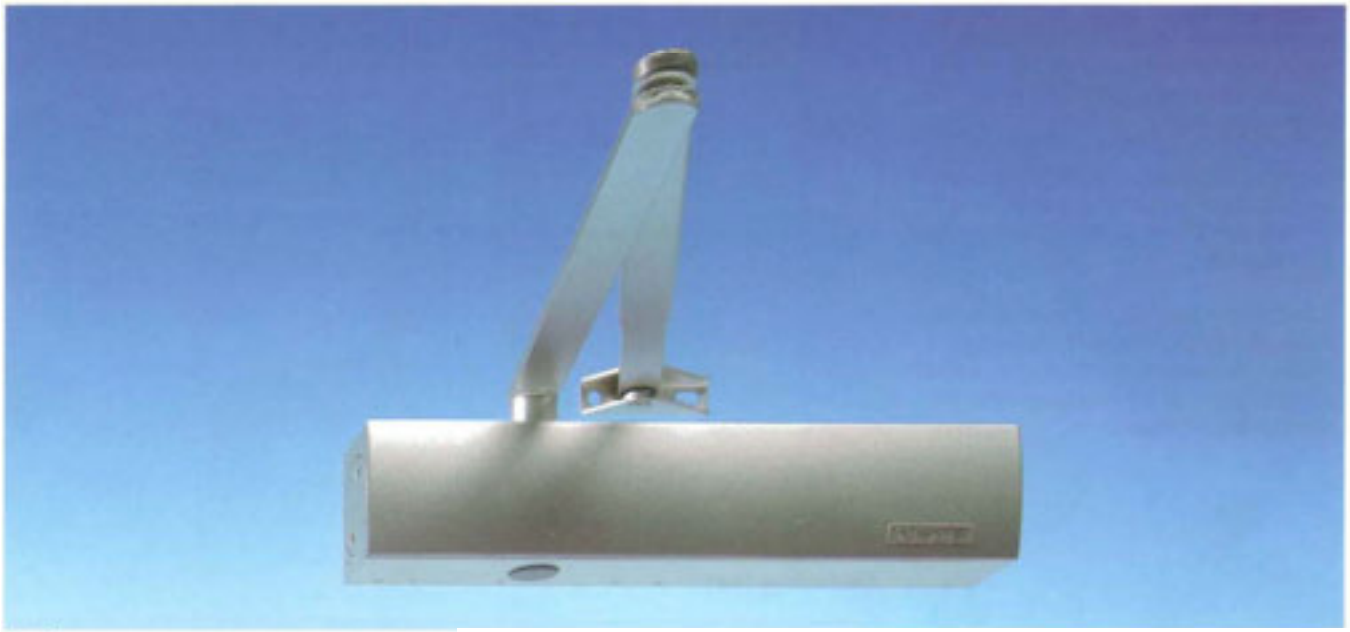


Fig. 1

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For doors for which longer passage times are required
- For single action doors with leaf width up to 1400 mm
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

Closer dimensions and mounting identical to TS 5000

TS 5000 E

Overhead rack and pinion door closer with guide rail, with electromechanical hold-open, DIN EN 1155
Size range 2–6

Fig. 1

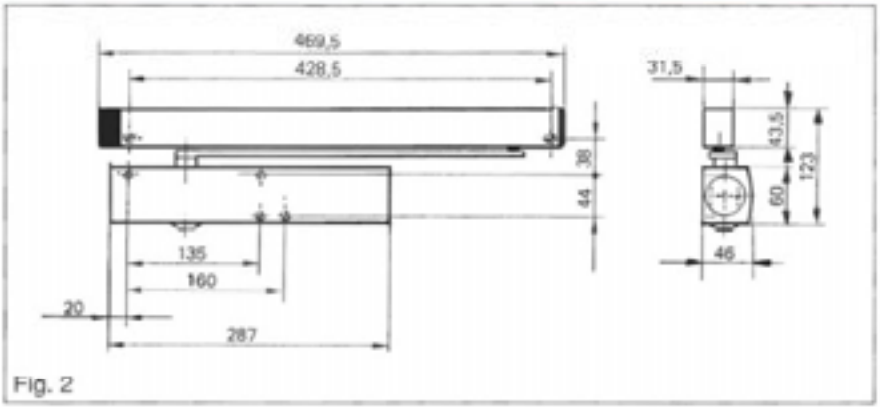


Fig. 2

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

TS 4000 E

Overhead rack and pinion door closer with electrohydraulic hold-open

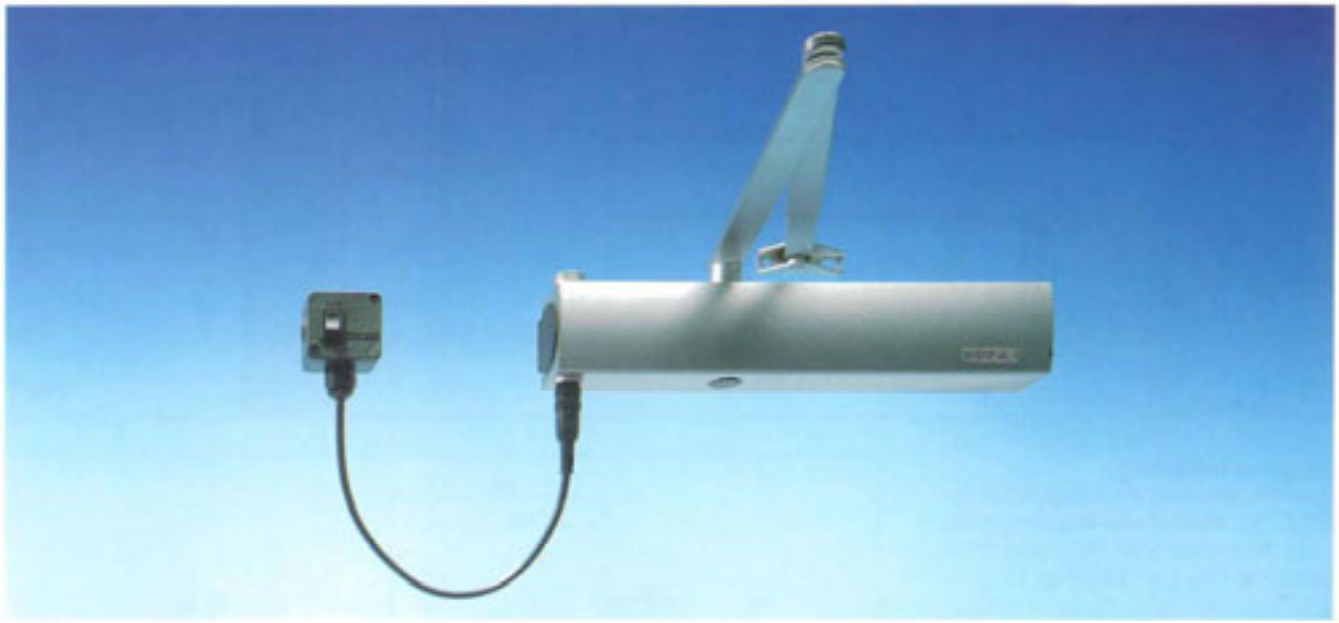


Fig. 1

Product features

- All functions adjustable from front

Applications

- For single action doors with leaf width up to 1400 mm
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

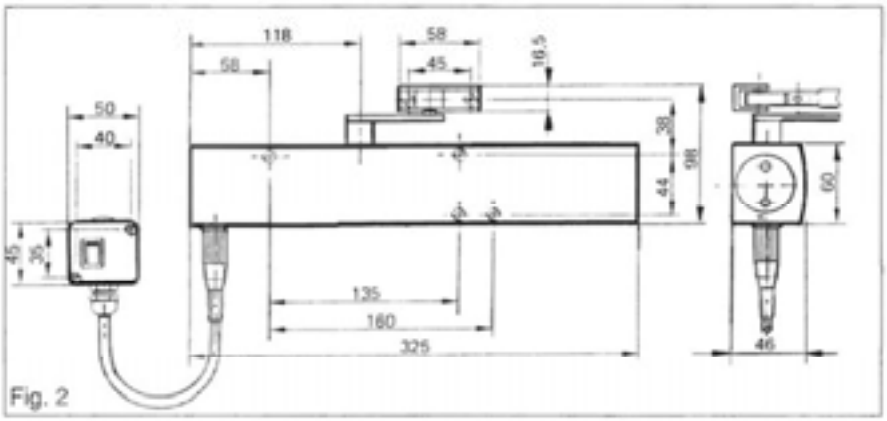


Fig. 2

TS 4000 EFS

Overhead rack and pinion door closer with electrohydraulic hold-open and free-swing arm

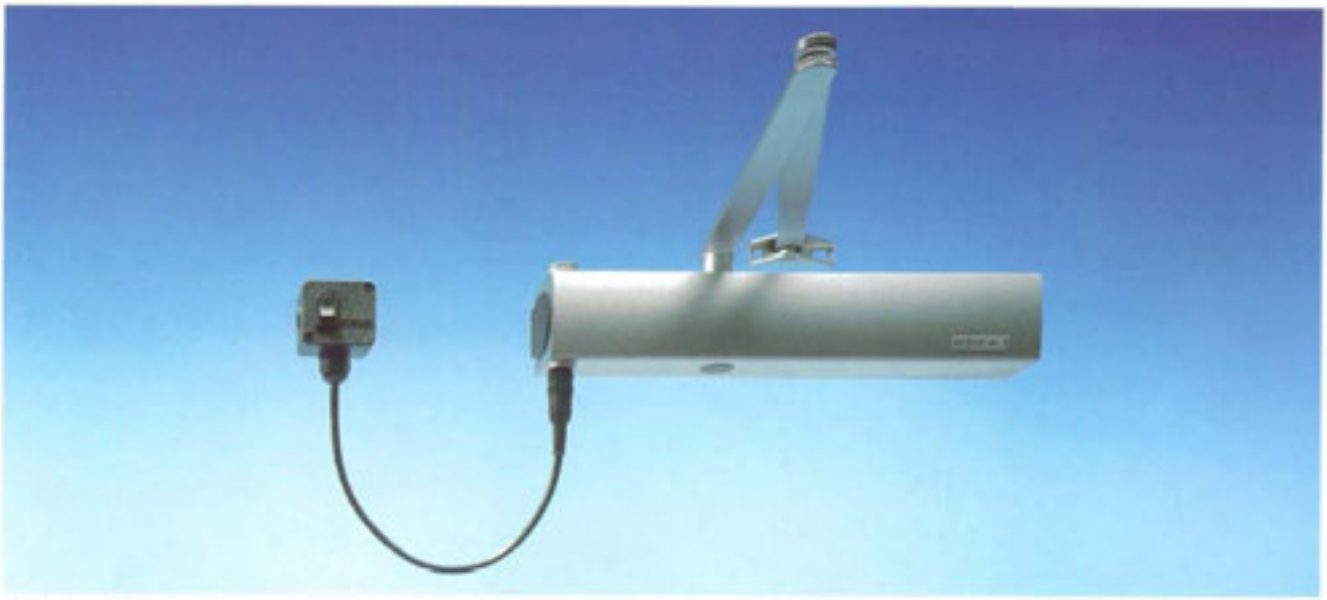


Fig. 1

Product features

- Same closer features as TS 4000 E

Applications

- For single action doors up to 1400 mm
- For right and left hand doors
- For smoke and fire doors with provision for DIN closer

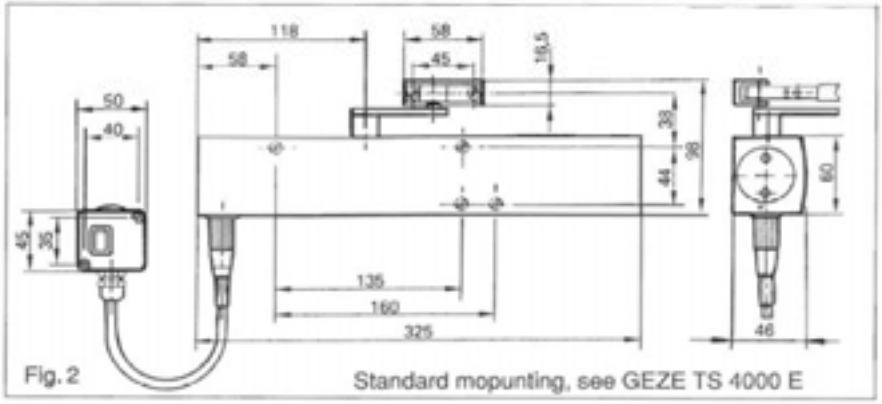


Fig. 2 Standard mopunting, see GEZE TS 4000 E

STOP TS 550 E

Floor mounted door closer, with electromechanical hold-open, DIN EN 1155

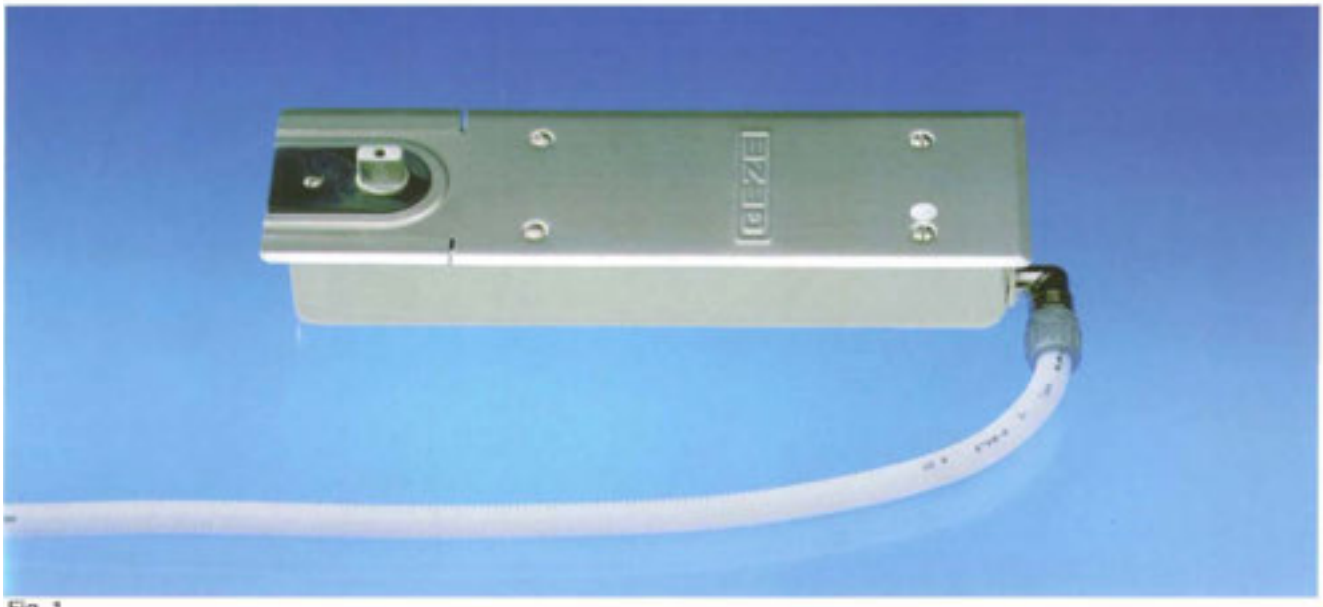


Fig. 1

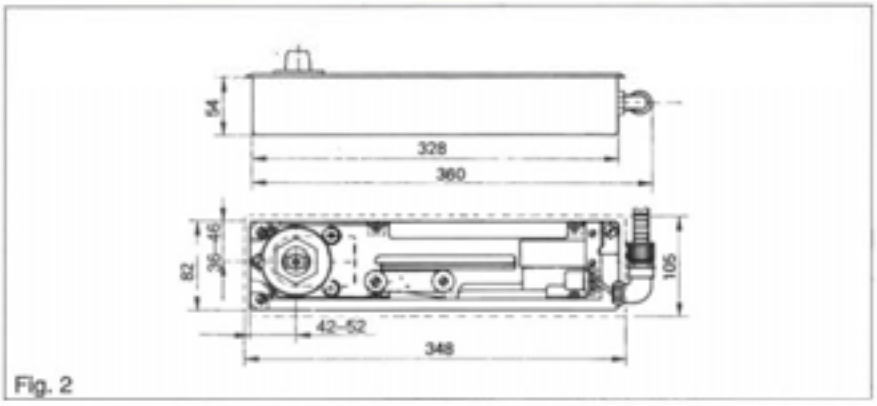


Fig. 2

Product features

- Infinitely variable hold-open angle between 80º-180º

Applications

- For single action doors with leaf widths up to 1400 mm
- For leaf weights up to 250 kg
- For right and left hand single action doors
- For smoke and fire doors with provision for DIN floor mounted door closer

TS 5000 R

Overhead rack and pinion door closer with guide rail, with electromechanical hold-open, DIN EN 1155 and smoke switch control unit
Size range 2–6

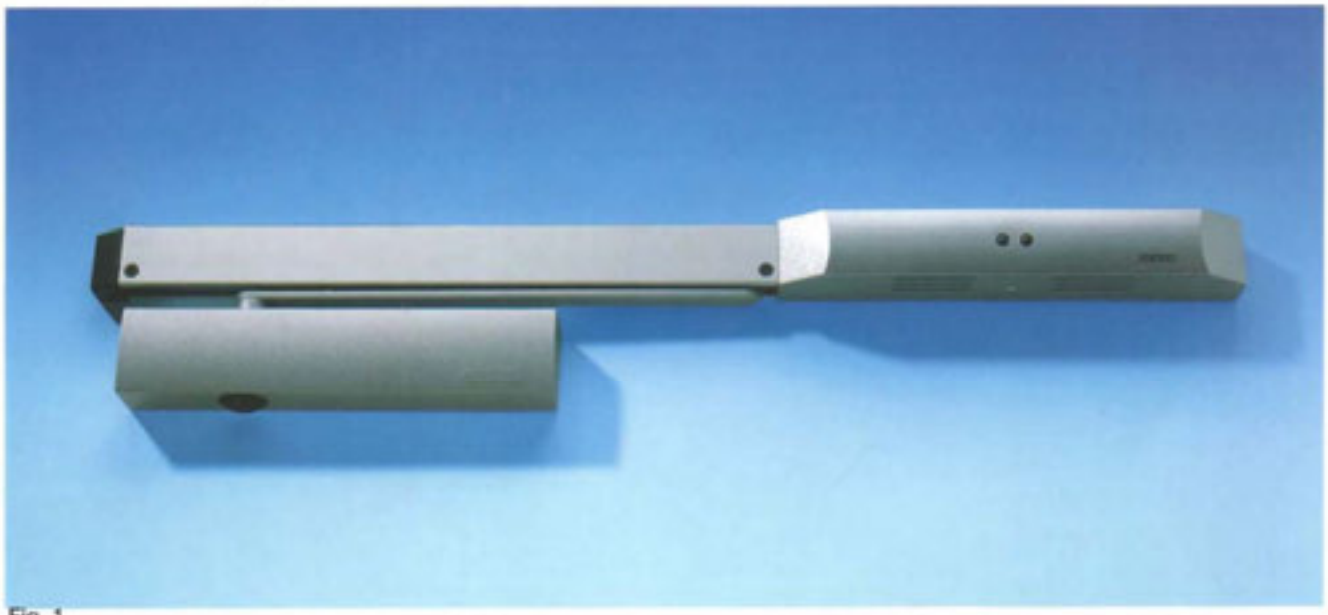


Fig. 1

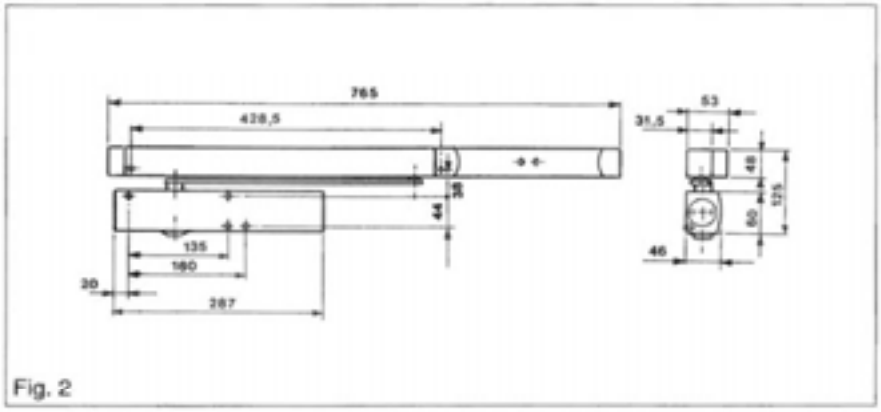


Fig. 2

Product features

- All functions adjustable from front
- Housing and guide rail available in following colors: silver, dark bronze, white, RAL colors on request

Applications

- For single action doors
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors with provision for DIN closer

TS 4000 R

Overhead rack and pinion door closer with electrohydraulic hold-open and integrated smoke detector

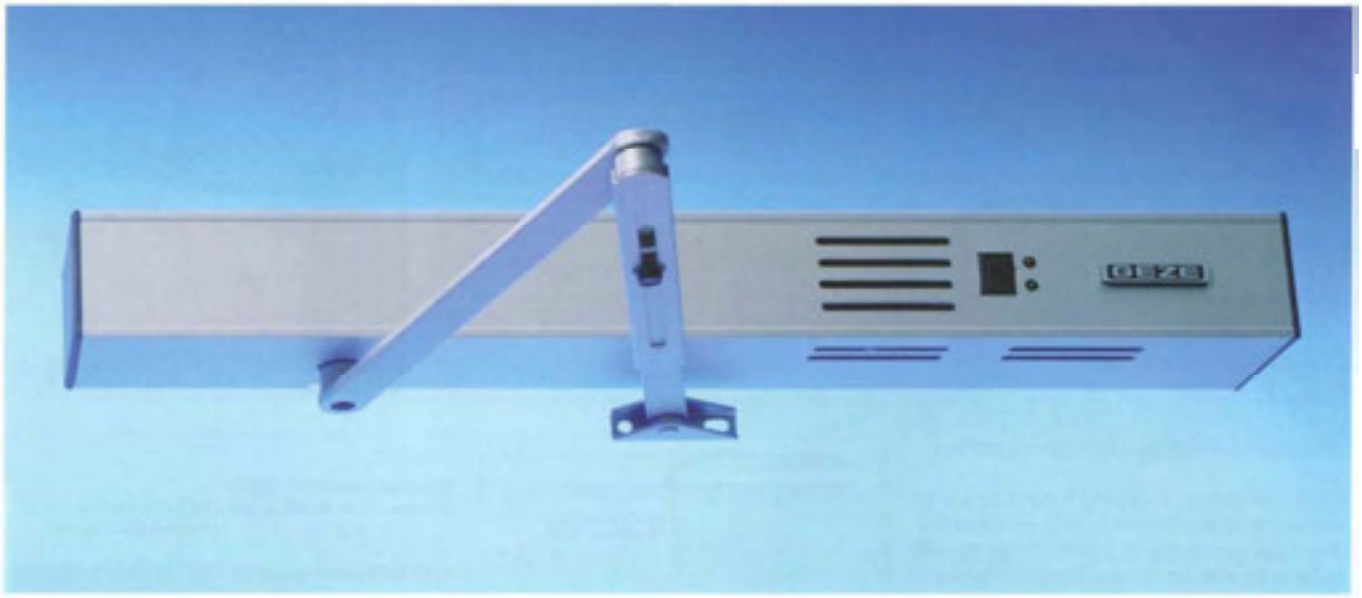


Fig. 1

Product features

- All functions adjustable from front

Applications

- For single action doors with leaf width up to 1400 mm
- Can be used for right and left hand doors without adjustment

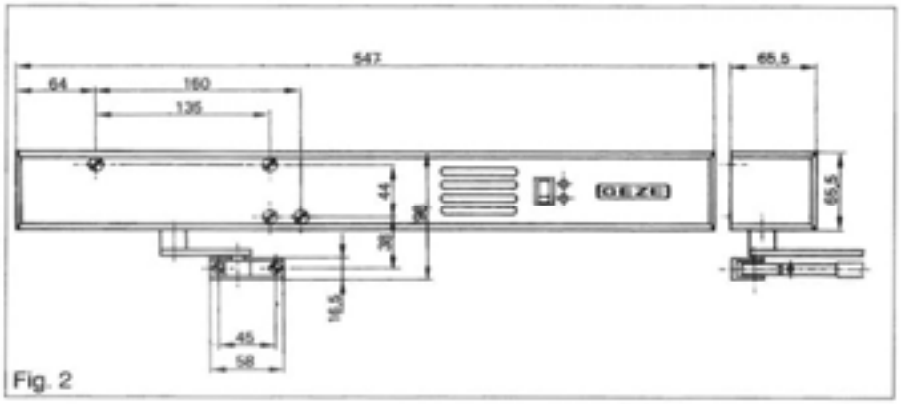


Fig. 2

TS 4000 RFS

Overhead rack and pinion door closer with electrohydraulic hold-open, integrated smoke detector, and free-swing link arm

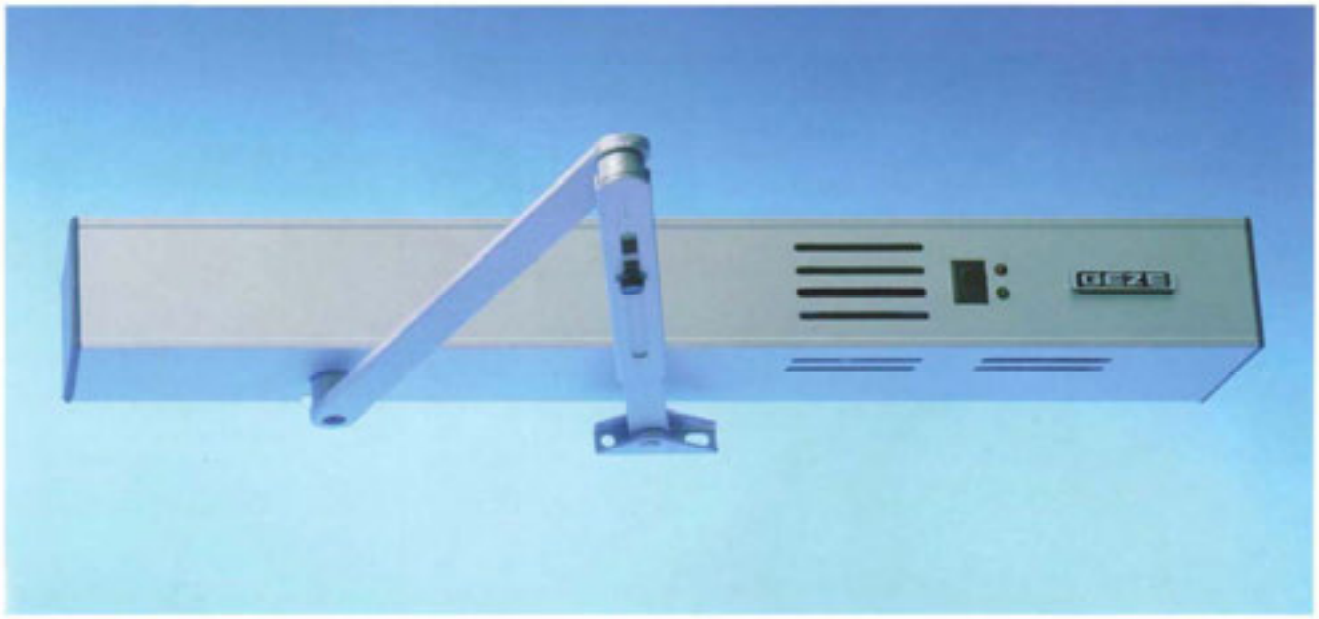


Fig. 1

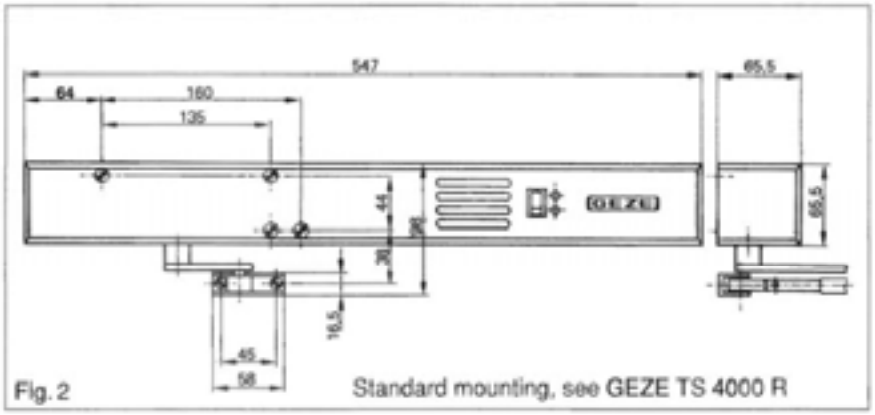


Fig. 2 Standard mounting, see GEZE TS 4000 R

Free-swing function

- Door can be used without any resistance opening and closing direction

Product features

- Free-swing function provided by simply replacing standard link arm with free-swing link arm

Applications

- For single action doors up to 1400 mm
- For right and left hand doors
- For smoke and fire doors with provision for DIN closer

TS 5000 IS

Overhead rack and pinion door closer with guide rail, with integrated concealed *door selector in continuous guide rail* DIN EN 1154, size range 2–6

Fig. 1

Product features

- The door's appearance is not detrimentally affected by the door selector
- All benefits of the basic TS 5000 model, such as a closing force adjustment, optical size indicator, back-check, and the same mounting dimensions, are retained

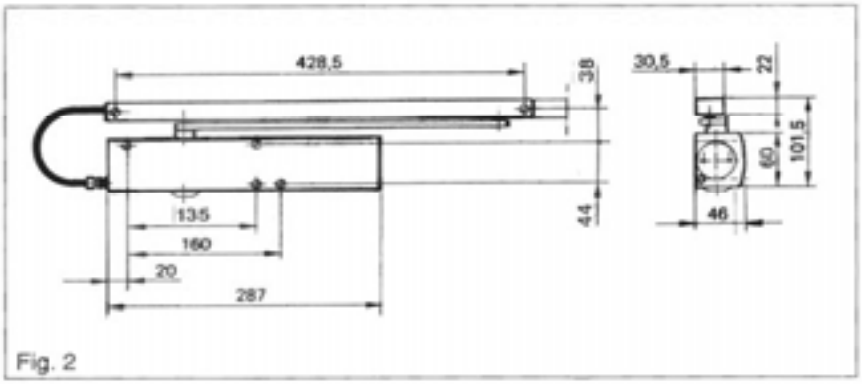


Fig. 2

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap "b" = 1200 mm
  Largest door width
  Hinge gap "b" = 2700 mm
- Can be used for right and left hand doors without adjustment

TS 5000 L-IS

Overhead rack and pinion door closer with guide rail, with integrated concealed *door selector in continuous guide rail*
Mounting on side opposite hinge,
DIN EN 1154, size range 2–6

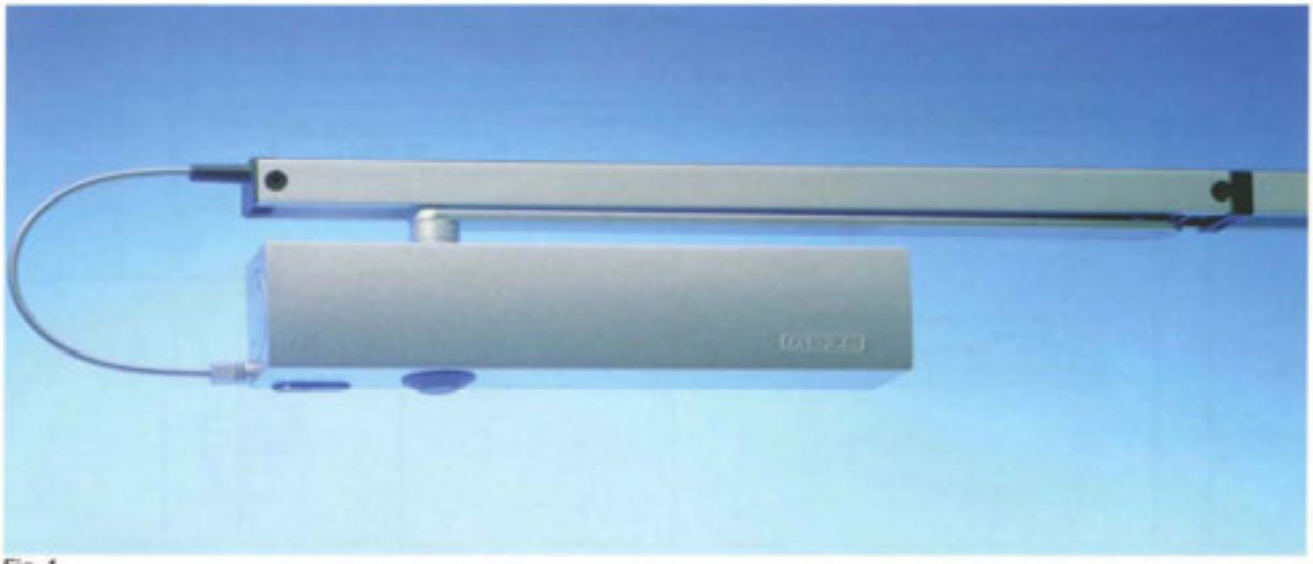


Fig. 1

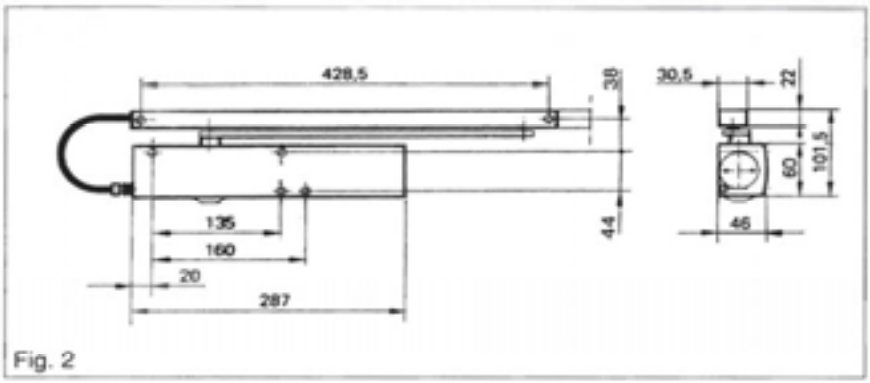


Fig. 2

Product features

- IS functions integrated in the required TS 5000 L-IS door closer

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap “b” = 1200 mm
  Largest door width
  Hinge gap “b” = 2700 mm
- Can be used for right and left hand doors without adjustment

STOP TS 550 IS

Floor mounted door closer with integrated, concealed door selector, DIN EN 1154

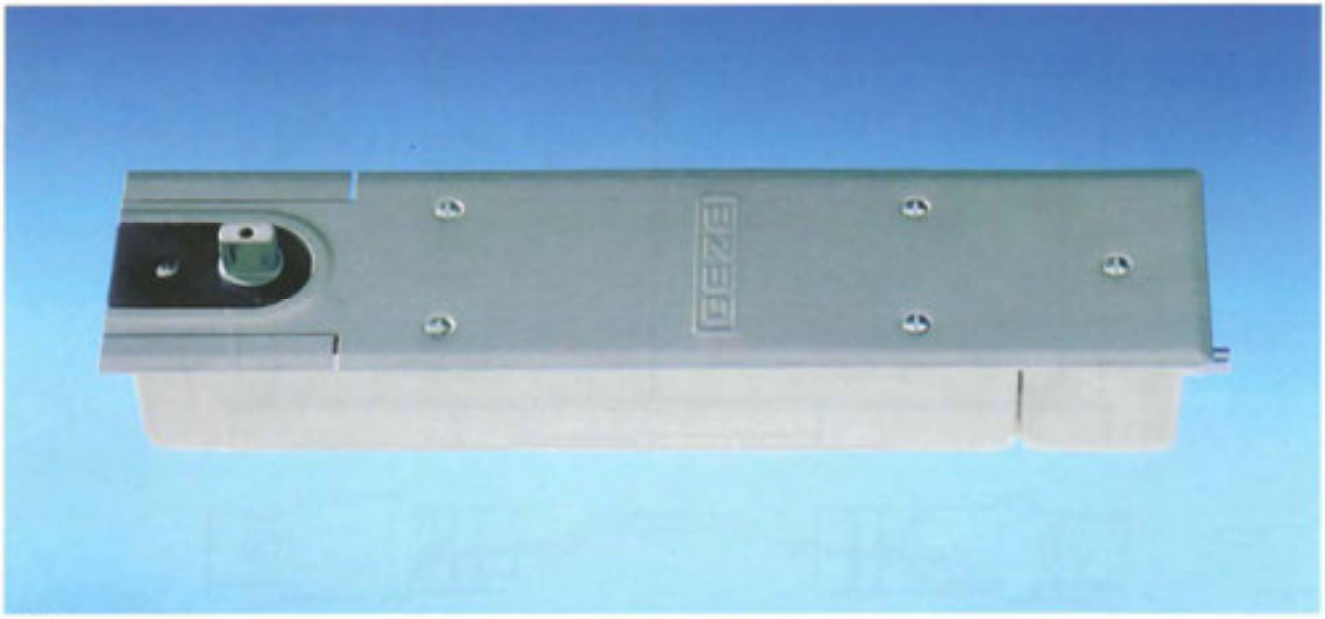


Fig. 1

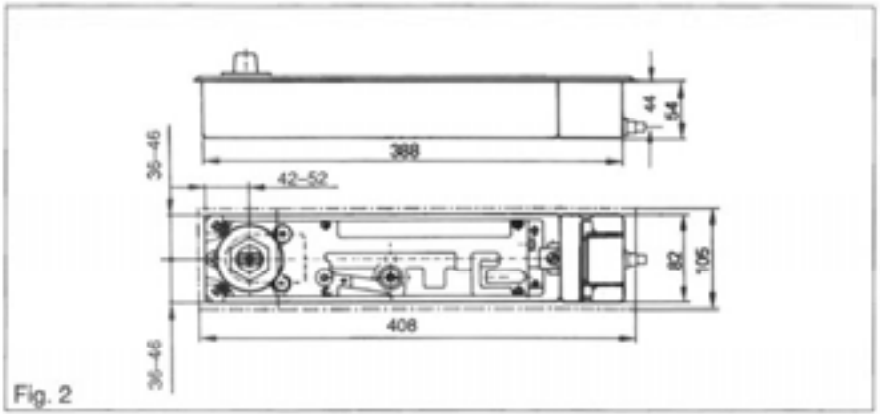


Fig. 2

Product features

- Integrated, concealed door selector
- Closing force adjustable from outside, size range 3-6 to EN 1154

Applications

- For 2 leaf doors with leaf widths up to 1400 mm
- For leaf weights up to 250 kg
- For right **or** left hand doors

TS 5000 E-IS

Overhead rack and pinion door closer with guide rail, with integrated concealed *door selector in continuous guide rail* with electromechanical hold-open on both sides, DIN EN 1155, size range 2–6

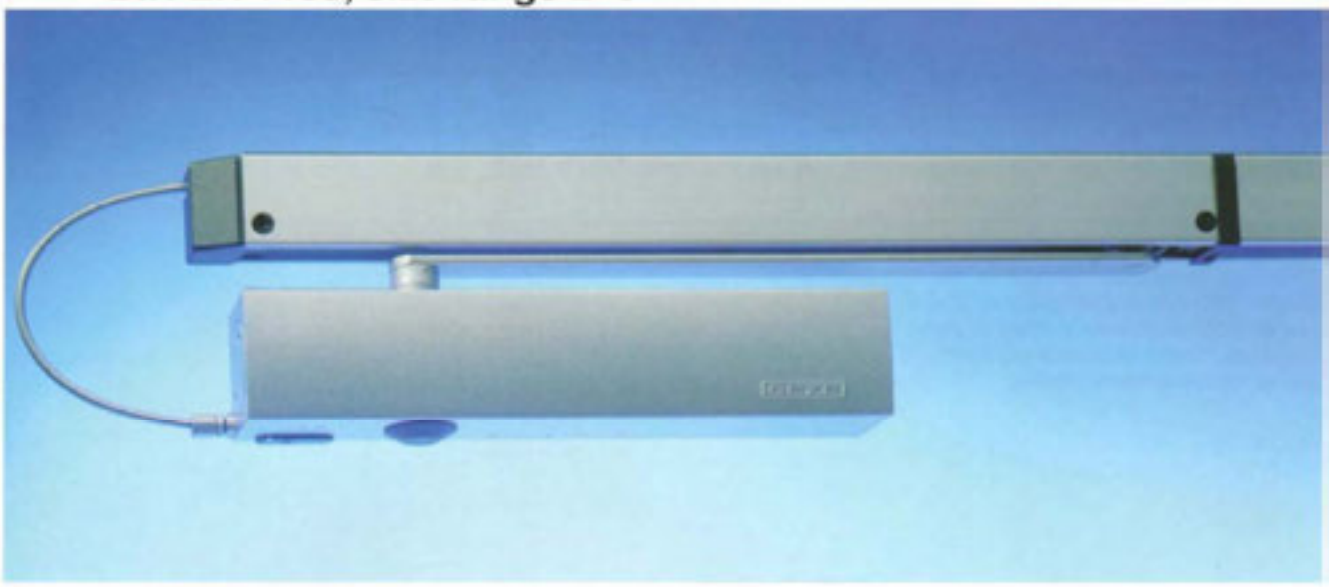


Fig. 1

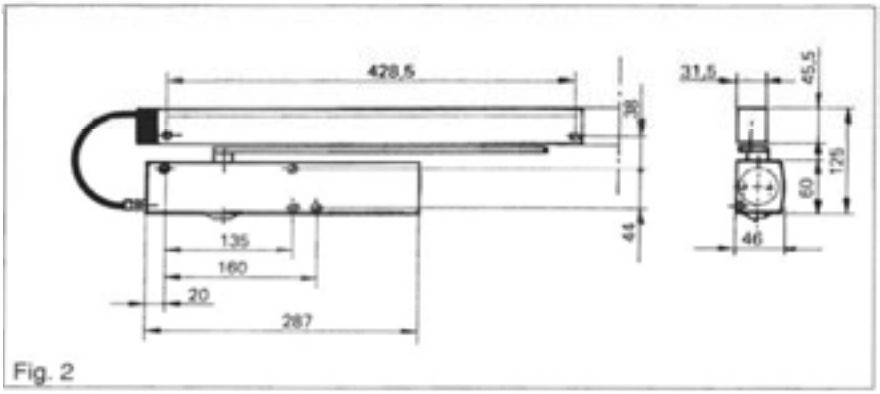


Fig. 2

Product features

- Electromechanical hold-open in guide rail, hold-open angle infinitely variable between 80º-130º

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap “b” = 1200 mm
  Largest door width
  Hinge gap “b” = 2700 mm
- Can be used for right and left hand doors without adjustment

TS 5000 E-IS/G

Overhead rack and pinion door closer with guide rail, with integrated, concealed *door selector in continuous guide rail* with electromechanical hold-open on moving leaf only, DIN EN 1155, size range 2–6

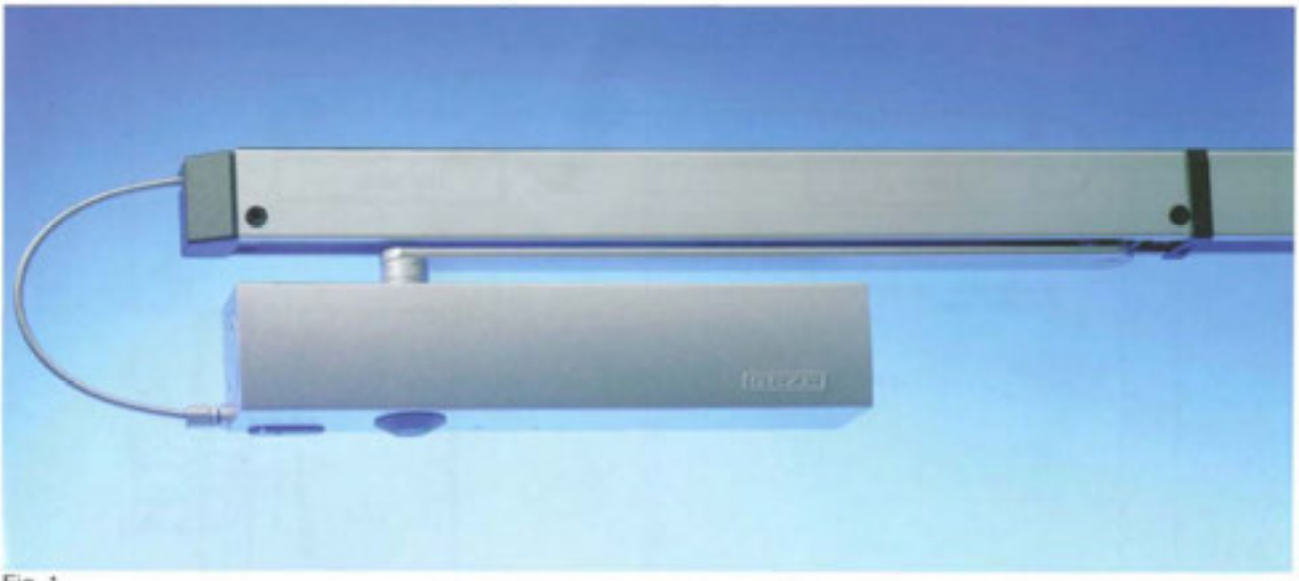


Fig. 1

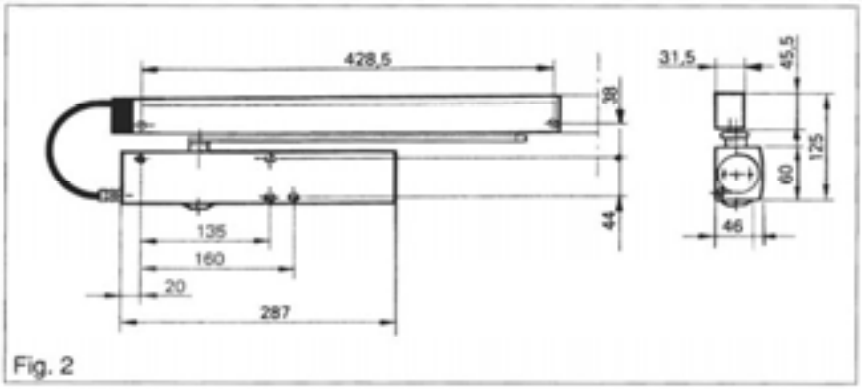


Fig. 2

Product features

- Electromechanical hold-open in guide rail, hold-open angle infinitely variable between 80º-130º

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap “b” = 1200 mm
  Largest door width
  Hinge gap “b” = 2700 mm
- Can be used for right and left hand doors without adjustment

STOP TS 550 E-IS

Floor mounted door closer, with electromechanical hold-open DIN EN 1155 and integrated, concealed door selector

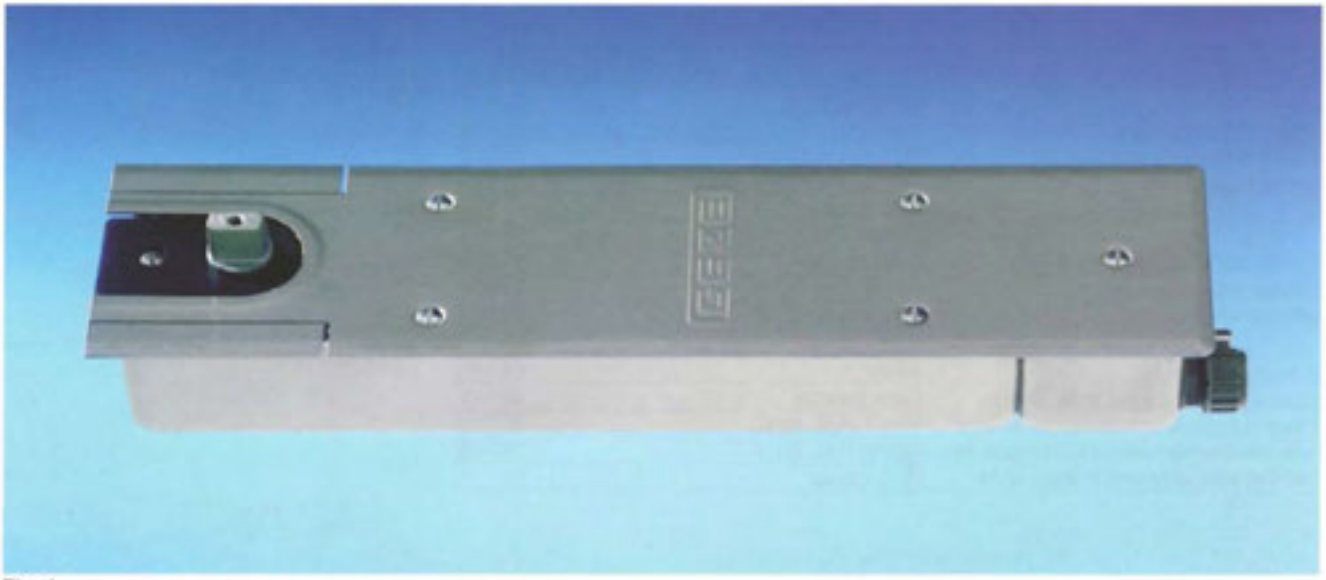


Fig. 1

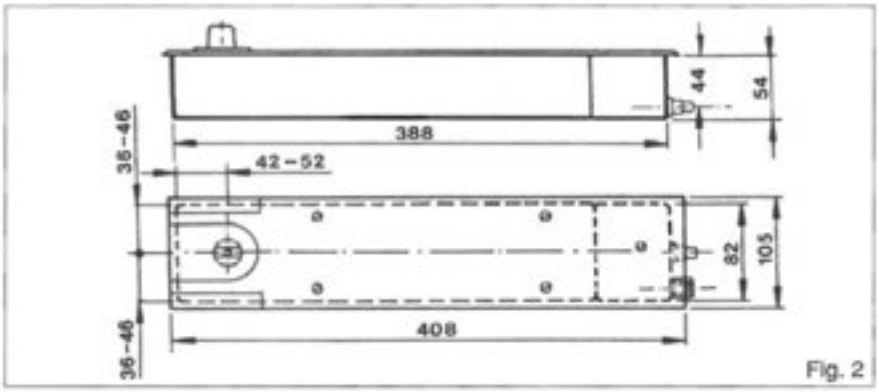


Fig. 2

Product features

- Infinitely variable hold-open angle between 80º-180º, doors can be adjusted independently
- Large adjustment range:
  Height adj.: 6 mm
  Lateral adj.: 10 mm
  Length adj.: 10 mm

Applications

- For 2 leaf single action doors with leaf widths up to 1400 mm
- For leaf weights up to 250 kg
- For right **or** left hand door
- Also suitable for leaves or differing widths
- For smoke and fire doors with provision for DIN floor-mounted door closer

TS 5000 R-IS

Overhead rack and pinion door closer with guide rail, with integrated concealed *door selector in continuous guide rail* with electromechanical hold-open on both sides, DIN EN 1155, and smoke switch control unit, size range 2–6

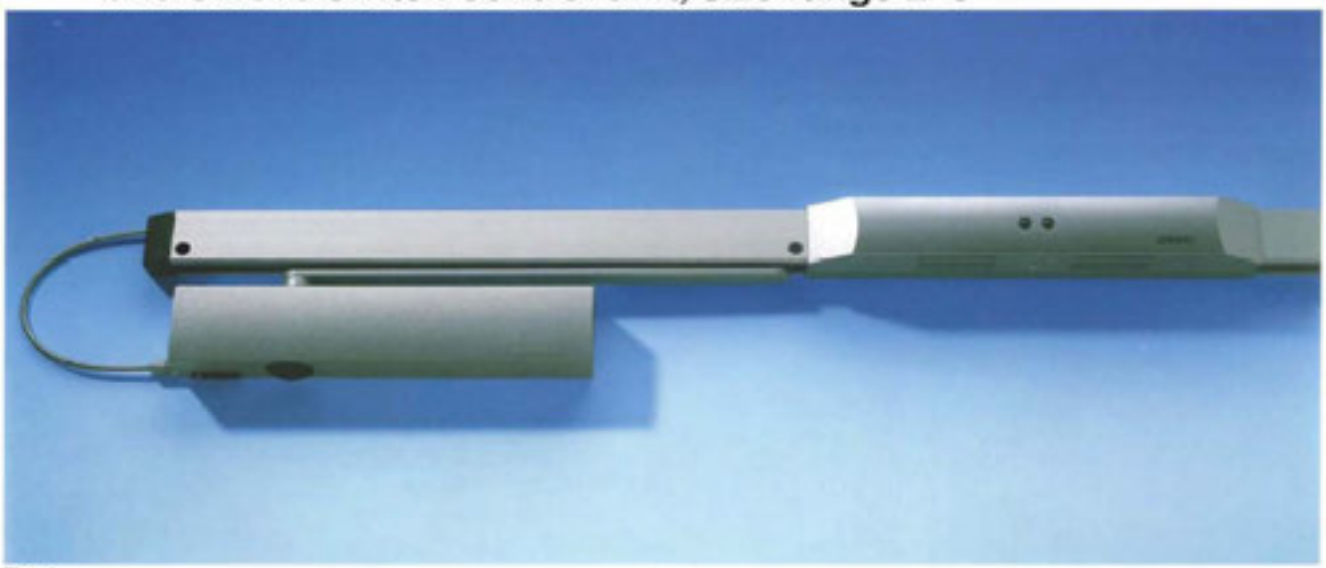


Fig. 1

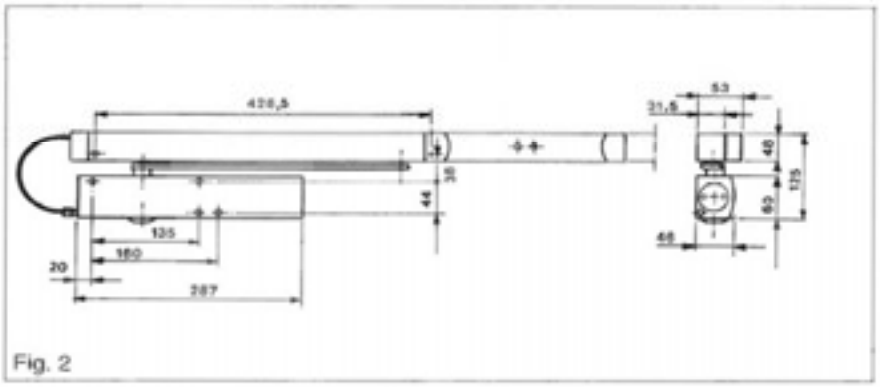


Fig. 2

Product features

- Smoke switch with integrated electronics to control closer

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap “b” = 1475 mm
  Largest door width
  Hinge gap “b” = 2700 mm
- Can be used for right and left hand doors without adjustment

TS 5000 R-IS/G

Overhead rack and pinion door closer with guide rail, with integrated concealed *door selector in continuous guide rail* with electro-mechanical hold-open on moving leaf only, DIN EN 1155, and smoke switch control unit, size range 2–6

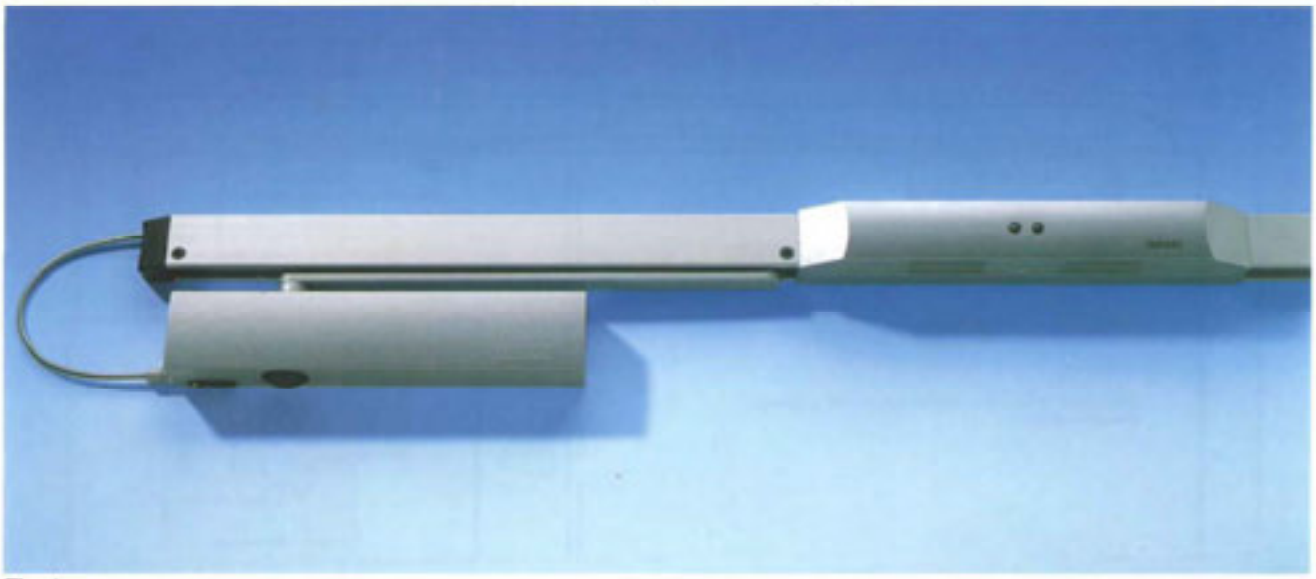


Fig. 1

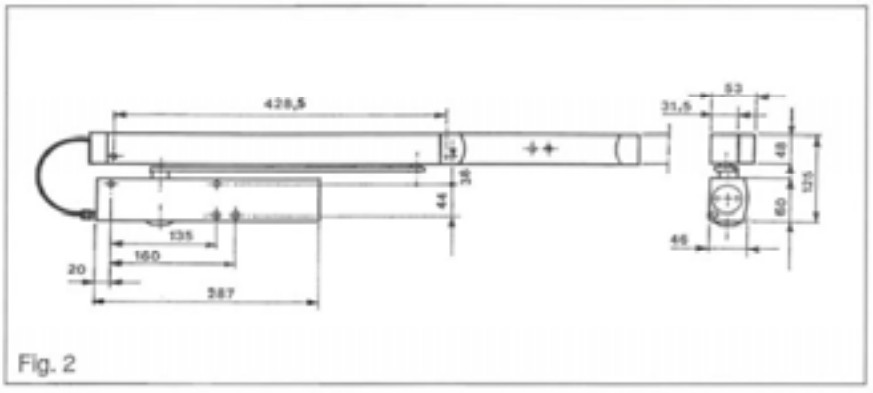


Fig. 2

Product features

- Smoke switch with integrated electronics to control closer

Applications

- For double leaf doors with leaf widths up to 1400 mm
- Smallest door width
  Hinge gap “b” = 1475 mm
  Largest door width
  Hinge gap “b” = 2700 mm
- Can be used for right and left hand doors without adjustment
- Also suitable for leaves of differing widths (minimum width of fixed leaf 400 mm)

Overhead rack and pinion door closer in modern colour design

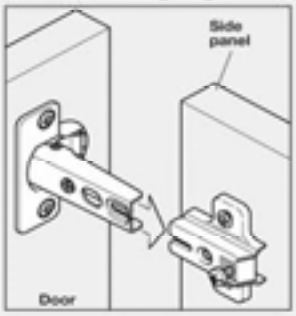
TS 4500/TS 2500 V
Cover cap, silver

TS 5500/TS 3500 V
Cover cap, dark bronze

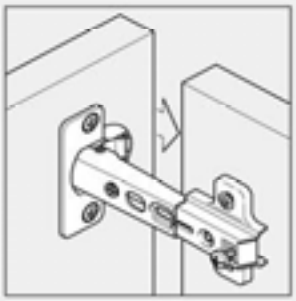
3. DOOR HINGES

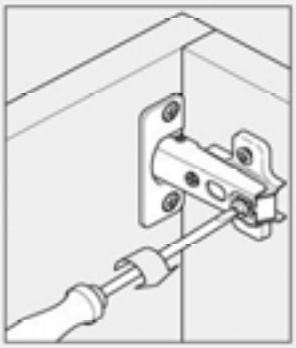
H-Series Hinges

Push-fit mounting diagram



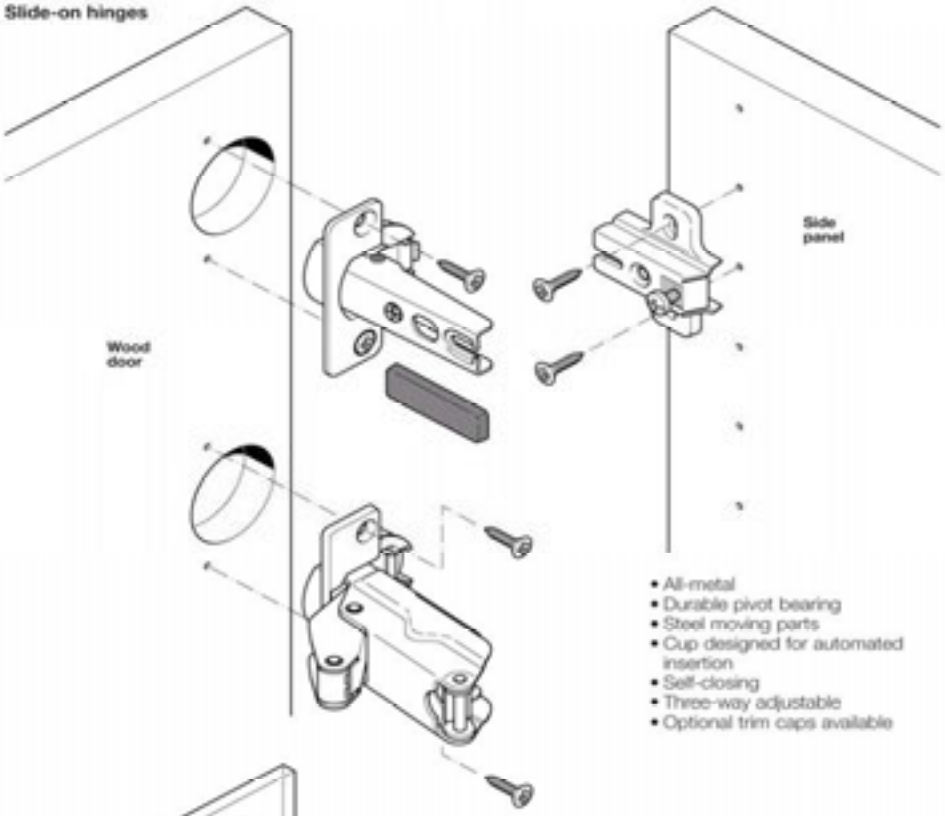
Hinges, Stays and Aluminum Framed Doors



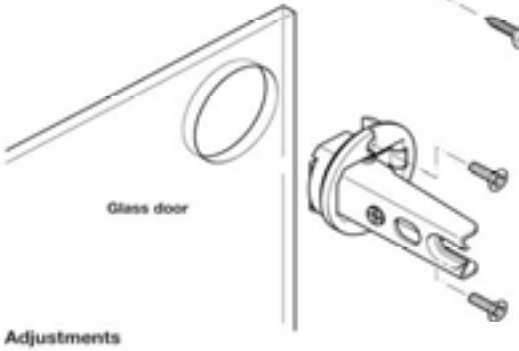


Dimensional data not binding.
We reserve the right to alter specifications without notice.

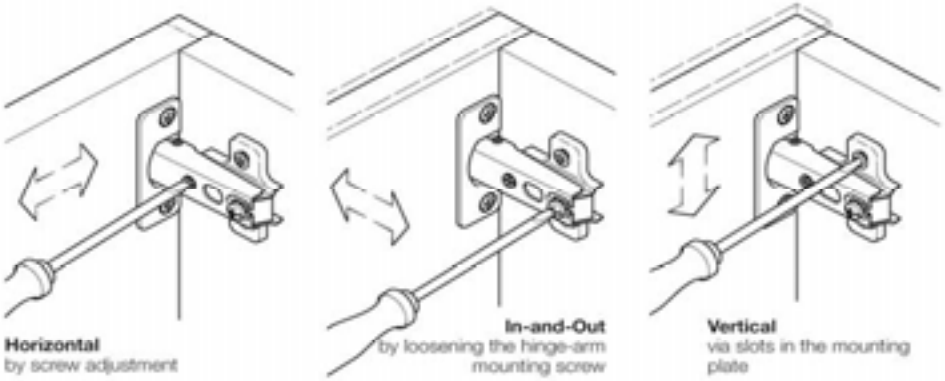
Slide-on hinges



- All-metal
- Durable pivot bearing
- Steel moving parts
- Cup designed for automated insertion
- Self-closing
- Three-way adjustable
- Optional trim caps available



Adjustments



Horizontal
by screw adjustment

In-and-Out
by loosening the hinge-arm mounting screw

Vertical
via slots in the mounting plate

Dimensions in mm

H-Series Hinges

Guide to Hinges

Hinge type	Hinge cup material	Hinge arm	Opening angle	Type 18	Type 9	Type 1
	Steel	Steel	110°	•	•	•
	Zinc die-cast	Steel	175°	•	•	•
Corner hinge	Steel	Steel	95°		30° and 45°	
Frame-mounting hinge	Steel	Steel	95°			
Aluminum frame hinge	Zinc	Steel	110°	•	•	•

Guide to Mounting Plates

Mounting plate type	Material	System hole installation	Reinforcement Type (vertical adjustment with oblong holes) 2	4	6	8	10
	Steel	Screw-mounted	•	•	•	•	
	Steel		•	•	•	•	
	Steel	Screw-mounted		•	•	•	
	Steel	Screw-mounted			•		•

Dimensions in mm

Hinges, Stays and Aluminum Framed Doors

Dimensional data not binding. We reserve the right to alter

- Use a Pozi drive #2 screwdriver for adjusting all hinges.
- Keep hinges as close to top and bottom of door as possible. Maximum recommended distance 75 mm (3") from end of door.

H-Series Hinges

Which hinge type?

Given the factors:

- What is the desired opening angle?
- Is there a face frame?
- If not, what is the side panel thickness?
- Door thickness, size and weight
- How will the hinge be mounted to the door (Screw-mount or press-fit)?
- Mounting plate thickness
- Tab

Use the following formula to determine overlay:

Hinge type *minus* mounting plate type *plus* tab = overlay

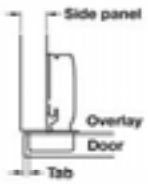
Sample Calculations

Hinge type **18** **Side panel mounting for overlay doors.**

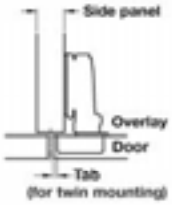
Hinge type **9** **Center panel**/twin mounting for overlay doors.

Hinge type **1** **Side panel mounting for inset doors.**

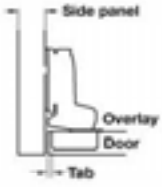
(A) Full Overlay



(B) Half Overlay or Twin Mounting



(C) Inset



16 mm (5/8") Material	Hinge Type		Mounting Plate		Tab		Total Overlay
Full overlay (A)	18	-	6	+	3	=	15
Half overlay (B)	9	-	4	+	3	=	8
Inset (C)	1	-	4	+	3	=	0

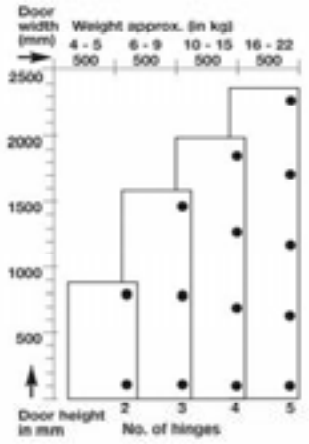
19 mm (3/4") Material	Hinge Type		Mounting Plate		Tab		Total Overlay
Full overlay (A)	18	-	2	+	3	=	19
Half overlay (B)	9	-	2	+	3	=	10
Inset (C)	1	-	4	+	3	=	0

If there is no mounting plate with the required reinforcement, then the tab or side adjustment must be altered.

How many hinges per door?

There is no hard and fast rule which applies. When determining the number of hinges needed, the main factors to consider are door size and weight. A trial mounting is advisable in case of any doubt, such as with doors supporting mirrors, or unusually wide doors. Avoid disproportionate door width/weight ratios. Use this table for standard, conventional-material doors. When in doubt, always allow for an extra hinge.

- For commercial and heavy-duty applications, see Häfele's Aximat Hinge.

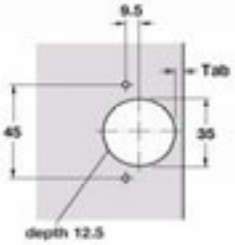


Dimensional data not binding. We reserve the right to alter specifications without notice.

H-Series Hinges

Opening angle: 110°

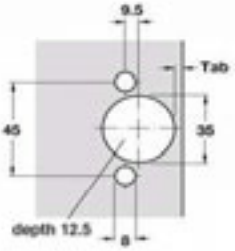
- Door thickness 15 to 26 mm (5/8"-1")
- Side panel thickness from 15 mm (5/8")
- Self-closing
- All-metal:
  Cup: steel, nickel-plated matt
  Hinge arm: steel, nickel-plated matt
- Tab = 3-6 mm



Screw-mounted

Mounting	Hinge arm	Hinge type	Cat. No.
Full overlay	straight	18	316.30.540
Half overlay	9 mm crank	9	316.30.541
Inset mounting	17 mm crank	1	316.30.542

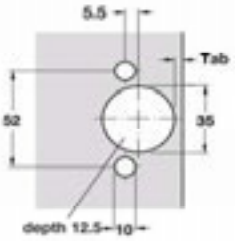
Packing: 250 pcs



Press-fit, 45/9.5 hole pattern

Mounting	Hinge arm	Hinge type	Cat. No.
Full overlay	straight	18	316.30.550
Half overlay	9 mm crank	9	316.30.551
Inset mounting	17 mm crank	1	316.30.552

Packing: 250 pcs



Press-fit, 52/5.5 hole pattern

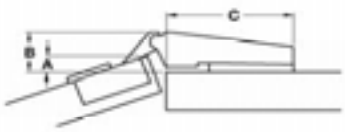
Mounting	Hinge arm	Hinge type	Cat. No.
Full overlay	straight	18	316.30.530
Half overlay	9 mm crank	9	316.30.531
Inset mounting	17 mm crank	1	316.30.532

Packing: 250 pcs

Trim caps for hinge arm, finish: steel, nickel-plated matt

Hinge arm		Cat. No.
Straight	also 9 and 17 mm crank	316.36.500

Packing: 250 pcs



Hinge arm crank	Dim. A	Dim. B	Dim. C
Straight	2	14	58
9 mm crank	11	22	58
17 mm crank	19	30	58

Dim. **A** and **B** each + mounting plate thickness

Dimensions in mm

Hinges, Stays and Aluminum Framed Doors

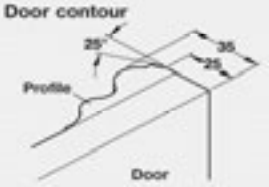
Mounting screws:
Hospa particle board screws
raised head with
Pozi drive #2 cross slot
Finish:
steel, nickel-plated

Length	Cat. No.
15 mm	015.55.639
20 mm	015.55.657
25 mm	015.55.675

Packing: 1000 pcs.

Dimensional data not binding.
We reserve the right to alter specifications without notice.

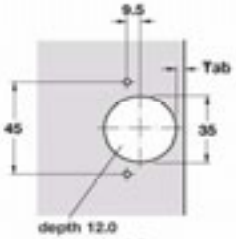
H-Series Hinges for Profiled Doors



Hinges, Stays and Aluminum Framed Doors

Opening angle: 175°

- Door thickness 20 to 26 mm (3/4" - 1")
- Side panel thickness from 16 mm (5/8")
- Self-closing
- All-metal:
  Cup: zinc die-cast, nickel-plated matt
  Hinge arm: steel, nickel-plated matt
- Tab 3-6 mm

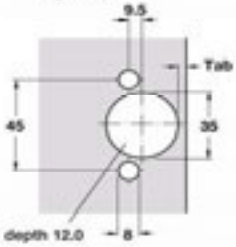


HOSPA 03.6

Screw-mount

Mounting	Hinge arm		Hinge type	Cat. No.
Full overlay		straight	18	316.32.640
Half overlay		9 mm crank	9	316.32.641

Packing: 100 pcs



Press-fit, 45/9.5 hole pattern

Mounting	Hinge arm		Hinge type	Cat. No.
Full overlay		straight	18	316.32.650
Half overlay		9 mm crank	9	316.32.651

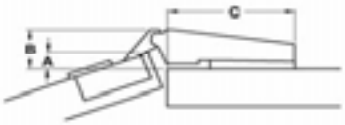
Packing: 100 pcs

Mounting screws:
Hospa particle board screws
raised head with
Pozi drive #2 cross slot
Finish:
steel, nickel-plated

HOSPA 03.5

Length	Cat. No.
15 mm	015.55.639
20 mm	015.55.657
25 mm	015.55.675

Packing: 1000 pcs.



Hinge arm crank	Dim. A	Dim. B	Dim. C
Straight	2	14	58
10 mm crank	11	22	58
22 mm crank	26.5	37.5	58

Dim. **A** and **B** each + mounting plate thickness

Trim caps for hinge arm, finish: steel, nickel-plated matt

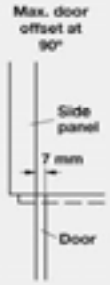
Hinge arm		Cat. No.
Straight	also 9 and 17 mm crank	316.36.500

Packing: 250 pcs

Dimensional data not binding.
We reserve the right to alter specifications without notice.

Dimensions in mm

Hinges, Stays and Aluminum Framed Doors



Protrusion shown is based on straight arm and smallest available mounting plate.

To determine the correct tab distance for your application, please make a trial mounting using 1/4" wood material.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Duomatic Hinges for Glass Doors

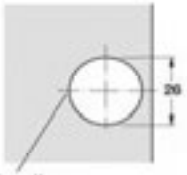
Opening angle: 90°

Glass door hinges **screw mounted**
- Glass thickness 4 to 6 mm (3/16" to 1/4")
- Side panel thickness from 16 mm (5/8")
- Self-closing
  Cup: plastic
  Hinge arm: steel, nickel-plated
- Tab 5.5 – 6.5 mm
- Trim shim and screws included

Screw-mount

Mounting	Hinge arm		Hinge type	Cat. No.
Full overlay		straight	17	329.21.500
Half overlay		9 mm crank	8	329.21.511
Inset mounting		17 mm crank	0	329.21.532

Packing: 100 pcs.



Hole pattern

Trim caps, D-shaped
Material: plastic

Finish	Cat. No.
chrome-plated polished	329.22.220
gold-colored polished	329.22.820
black	329.22.320

Packing: 300 pcs.

Trim caps, round
Material: plastic

Finish	Cat. No.
chrome-plated polished	329.22.210
gold-colored polished	329.22.810
black	329.22.310

Packing: 300 pcs.

Trim caps for hinge arm, finish: plastic

Cat. No.	white	329.18.700
	black	329.18.308

Packing: 5000 pcs.

Dimensions in mm

H-Series Hinges For Corners

Opening angle: 95°

Corner hinges
- Door thickness 16 to 25 mm (5/8"-1")
- Self-closing
- All-metal:
  Cup: steel, nickel-plated matt
  Hinge arm: steel, nickel-plated matt
- Tab 3 - 8 mm

Screw-mount

Mounting	Hinge arm	Cat. No.
Overlay	**30°** angle	316.34.540
Overlay	**45°** angle	316.34.541

Packing: 250 pcs

Opening angle: 95°

Frame-mounting hinges
- Door thickness 16 to 25 mm (5/8" - 1")
- Self-closing
- All-metal:
  Cup: steel, nickel-plated matt
  Hinge arm: steel, nickel-plated matt

Screw-mount

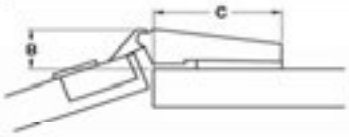
Mounting	Hinge arm	Cat. No.
Inset mounting	**90°** angle	316.35.540

Packing: 25 pcs

Trim caps for hinge arm, finish: steel, nickel-plated matt

Hinge arm		Cat. No.
angle	for 30° and 45°	316.36.500

Packing: 5000 pcs



Hinge arm	Dim. **B**	Dim. **C**
30° angle	27	58
45° angle	26.5	58

Dim. **B** + mounting plate thickness

Mounting examples

Dimensions in mm

Hinges, Stays and Aluminum Framed Doors

Mounting screws:
Hospa particle board screws
raised head with
Pozi drive #2 cross slot
Finish:
steel, nickel-plated

Length	Cat. No.
15 mm	015.55.639
20 mm	015.55.657
25 mm	015.55.675

Packing: 1000 pcs.

Dimensional data not binding.
We reserve the right to alter specifications without notice.

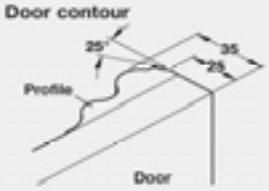
Hinges, Stays and Aluminum Framed Doors

Mounting screws:
Hospa particle board screws
raised head with
Pozi drive #2 cross slot
Finish:
steel, nickel-plated

Length	Cat. No.
15 mm	015.55.639
20 mm	015.55.657
25 mm	015.55.675

Packing: 1000 pcs.

Door contour

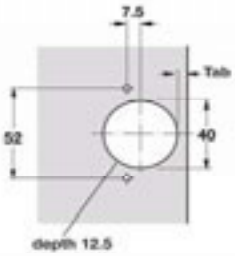


Dimensional data not binding.
We reserve the right to alter specifications without notice.

H-Series Clip Hinges for Profiled Doors

Opening angle: 92°

Hinges with **clip mount feature**
- Door thickness 24 to 35 mm (1" - 1 3/8")
- Side panel thickness from 16 mm (5/8")
- Self-closing
- All-metal:
  Cup: zinc die-cast, nickel-plated
  Hinge arm: steel, nickel-plated
- Tab 3 - 14 mm



Screw-mount

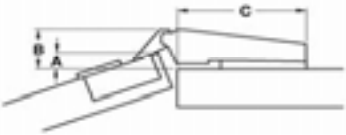
Mounting	Hinge arm	Hinge type	Cat. No.
Full overlay	straight	18	318.41.600

Packing: 250 pcs.

Trim caps for hinge arm, finish: plastic, black

	Cat. No.
	318.36.500

Packing: 250 pcs.



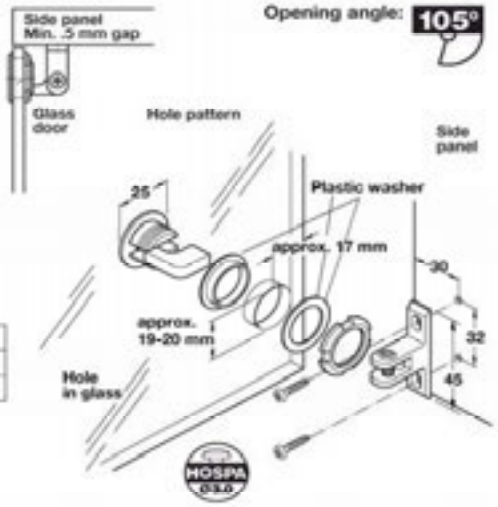
Hinge arm crank	Dim. A	Dim. B	Dim. C
Straight	2	14	68

Dim. **A** and **B** each + mounting plate thickness

Dimensions in mm

Glass Door Hinges

Claronda Glass Door Hinge, screw-mounted
- Reversible: can be used left or right
- For glass thicknesses 4.0 (3/16") to 6.0 (1/4") mm
- For inset doors

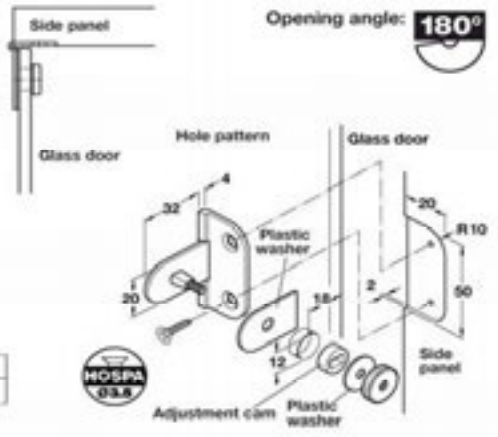


Finish: solid brass

Cat. No.		
	chrome-plated, polished	361.47.207
	nickel-plated, polished	361.47.707
	brass polished	361.47.805

Packing: 50 pcs. (two hinges per mounting).

Glass Door Hinge, screw-mounted
- Reversible: can be used left or right
- For glass thicknesses 6.0 (1/4") to 8.0 (5/16") mm
- For inset doors
- Max door weight 4 kg. (8.8 lbs.)
- Max door size :
  Width: 350 mm (13 3/4")
  Height: 800 mm (31 1/2")

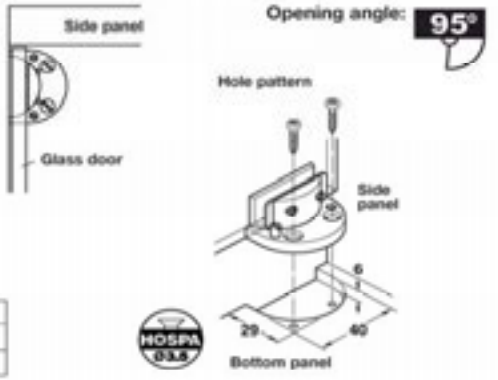


Finish: brass

Cat. No.		
	brass matt	361.85.501
	nickel-plated, matt	361.85.609

Packing: 20 pcs.

Glass Door Hinge, screw-mounted
- For glass thicknesses 6.0 (1/4") to 8.0 (5/16") mm
- 1 left and 1 right hinge per mounting
- For inset doors
- Max door weight 4 kg. (8.8 lbs.)
- Max door size :
  Width: 350 mm (13 3/4")
  Height: 800 mm (31 1/2")



Finish: zinc die-cast

Cat. No.		
	nickel-plated matt	361.49.603
	nickel-plated polished	361.49.701
	brass-plated	361.49.809

Packing: 20 pcs. (50% right / 50% left)

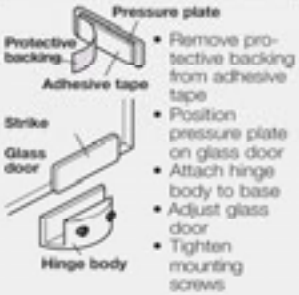
Dimensions in mm

Stylish **solid brass** hinges. Installation requires drilling a hole in glass. Door and side panel components installed separately. Door component detaches by removing mounting screw.

To determine the exact tab distance for your application, please make a trial mounting with 1/4" wood material.

Hinges, Stays and Aluminum Framed Doors

All-metal, exposed-knuckle hinges with 3mm horizontal adjustment. Installation requires drilling a hole in glass. Thumbscrew secures glass.



- Remove protective backing from adhesive tape
- Position pressure plate on glass door
- Attach hinge body to base
- Adjust glass door
- Tighten mounting screws

Dimensional data not binding. We reserve the right to alter specifications without notice.

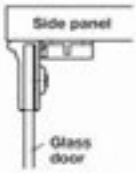
Glass Door Hinges

- Maximum door weight 4 kg (8.8 lbs.)
- Maximum door sizes
  width 350 mm (13 3/4")
  height 800 mm (31 1/2")

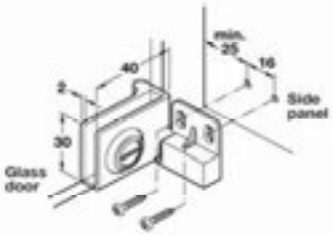
Hinges, Stays and Aluminum Framed Doors

This is an all-metal Econo Version of a non-bore glass door hinge

All-Metal Hinge, with catch
Screw-mounted to side of cabinet.
Vertical adjustment with oblong holes



Opening angle: 180°



Finish: zinc die cast, textured matt

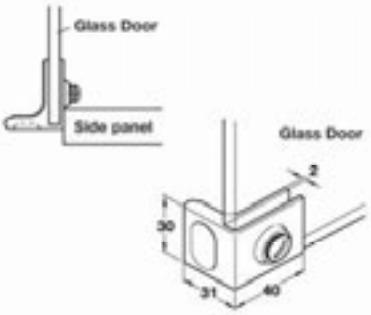
Cat. No.		
	textured black plated	361.93.340
	textured brass plated	361.93.840
	textured chrome plated	361.93.240

Packing: 50 pairs (1 pair = 1 left, 1 right hinge)

min. 2.5 mm gap between glass and panels

For glass thicknesses 3-5 mm (1/8" - 3/8")

Glass Door Pull with plastic screw
- Glass thickness maximum 5 mm



No hole in glass required

Finish: zinc die-cast	Cat. No.	Packing
textured chrome polished	154.25.210	20 pcs.
textured brass polished	154.25.810	20 pcs.
textured black matt	154.25.310	100 pcs.

Black matt

Cat. No.	154.22.303

Packing: 100 pcs.

Nickel matt

Cat. No.	154.18.701

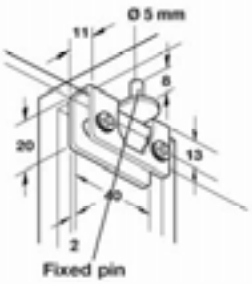
Packing: 100 pcs.

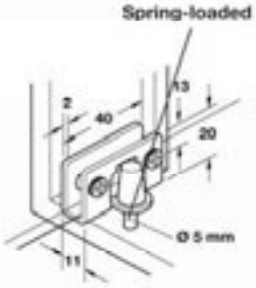
Dimensional data not binding.
We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Non-Bore Glass Door Hinges for Light-Weight Glass Doors

Simplex Hinge, SM
A Simplex Speed Mount hinge for glass doors thickness **6.5 mm (1/4")**



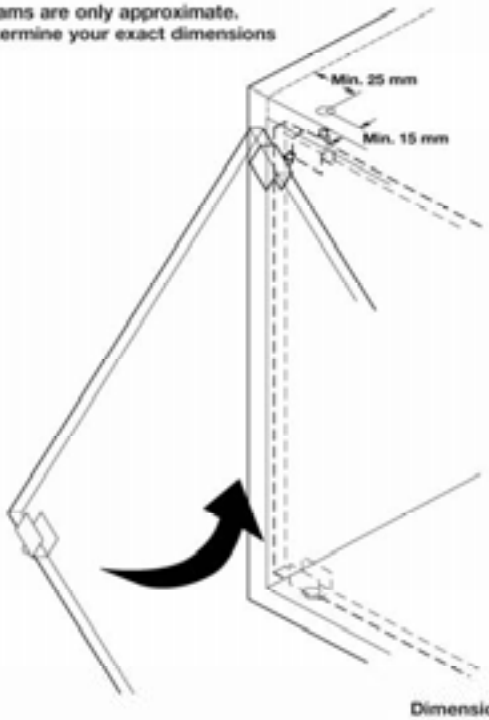


Finish: steel, black

Cat. No.	361.44.300

Packing: 40 pairs/no inserts included

Dimensions shown on mounting diagrams are only approximate. Please conduct a trial mounting to determine your exact dimensions

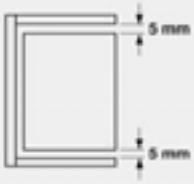


Dimensions in mm

- Ideal for RTA industry.
- Easy to install. Glass doors clip easily onto cabinet after hinges are mounted on glass.
- Pivot pins rotate freely in a 5 mm diameter hole. No bushings required.
- Door clearance spacing incorporated into hinge.

Hinges, Stays and Aluminum Framed Doors

Gap between glass and sides = **5 mm**

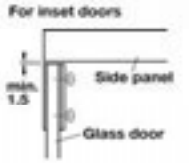


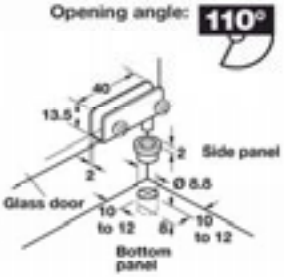
Dimensional data not binding. We reserve the right to alter specifications without notice.

Non-Bore Glass Door Hinges For Light-Weight Glass Doors

Dimensions shown on mounting diagrams are only approximate. Please conduct trial mounting to determine your exact dimensions.

Simplex-Inset glass door hinge
with press-fit bushing
- Self-adhesive pressure plates and screws included
- Packaged in pairs for left or right-hand installation
- Glass thickness to 5 mm (3/16")





Finish: steel, bushings: plastic, black

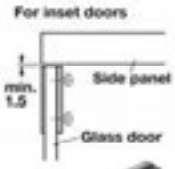
Cat. No.		
	chrome-plated	361.42.202
	brass-plated	361.42.800
	black	361.42.300

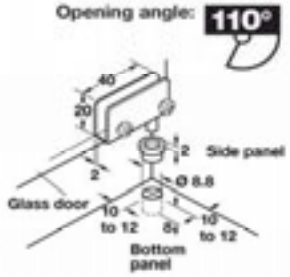
Packing: 50 pairs (1 pair = 1 left, 1 right)

Hinges, Stays and Aluminum Framed Doors

Dimensions shown on mounting diagrams are only approximate. Please conduct trial mounting to determine your exact dimensions.

Simplex-Inset glass door hinge
with press-fit bushing
- Self-adhesive pressure plates and screws included
- Packaged in pairs for left or right-hand installation
- Glass thickness to 6.5 mm (1/4")



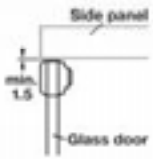


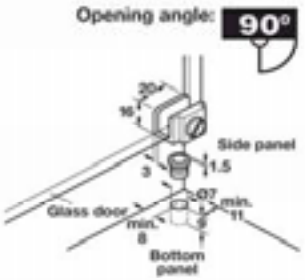
Finish: steel, bushings: plastic, black

Cat. No.		
	chrome-plated	361.42.211
	brass-plated	361.42.819
	black	361.42.319

Packing: 50 pairs (1 pair = 1 left, 1 right)

Decorative-Inset glass door hinge
with press-fit bushing
- Steel set screw with plastic pad
- Glass thickness to 6 mm (1/4")



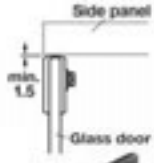


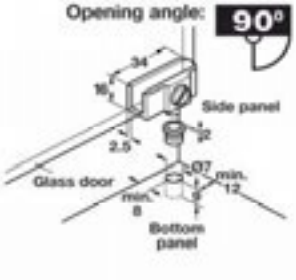
Finish: zinc die-cast, matt black;
fastening screw, steel; bushing, plastic

Cat. No.	
	361.69.310

Packing: 1 pc.

Glass Door Hinge-Inset with closed end
and press-fit bushing
- Steel set screw with plastic pad
- Glass thickness to 6 mm (1/4")





Finish: zinc die-cast, matt black;
fastening screw, steel; bushing, plastic

Cat. No.	
	361.69.320

Packing: 50 pairs

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm

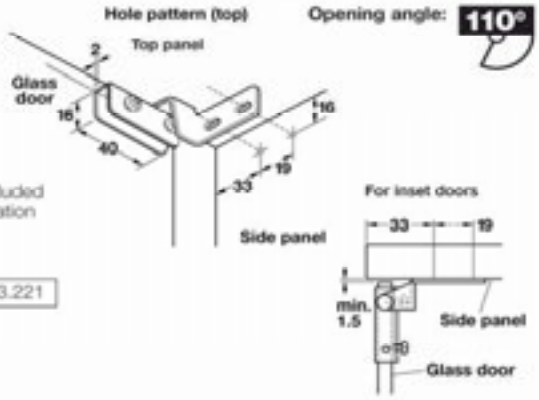
Non-Bore Glass Door Hinges for Light-Weight Glass Doors

Simplex-Inset glass door hinge
screw-mounted to side of cabinet
- Self-adhesive pressure plates and screws included
- Packaged in pairs for left or right-hand installation
- Glass thickness to 5 mm (3/16")

Finish: steel

Cat. No.	chrome-plated	361.33.221

Packing: 100 pairs (50 right and 50 left)



Dimensions in mm

Dimensions shown on mounting diagrams are only approximate. Please conduct trial mounting to determine your exact dimensions.

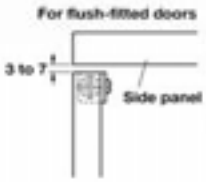
Hinges, Stays and Aluminum Framed Doors

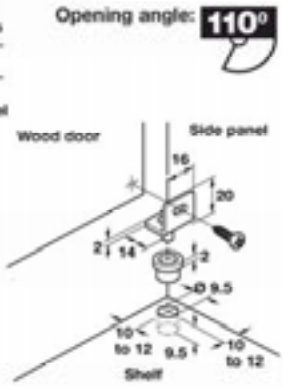
Dimensional data not binding. We reserve the right to alter

Hinges for Wood Door and Lid Hinges

Dimensions shown on mounting diagrams are only approximate. Please conduct trll mounting to determine your exact dimensions.

Simplex-wood mini door hinges
with press-fit bushing
- Plastic bushings and screws included
- Wood thickness 14 mm to 19 mm
- Packaged in pairs for left or right-hand installation





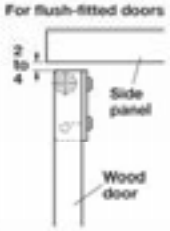
Finish: steel; bushing: plastic, black

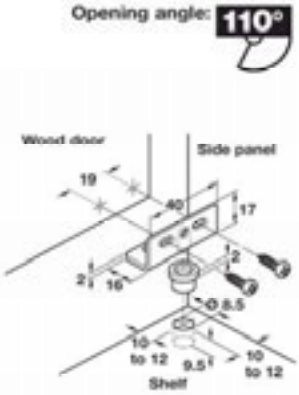
Cat. No.		
		361.34.398

Packing: 100 pairs (50 right and 50 left)

Hinges, Stays and Aluminum Framed Doors

Simplex-wood door hinges
with press-fit bushing
- Plastic bushings and screws included
- Wood thickness 14 mm to 19 mm
- Packaged in pairs for left or right-hand installation





Finish: steel; bushing: plastic, black

Cat. No.		
	chrome-plated	361.42.293
	brass-plated	361.42.891
	black	361.42.391

Packing: 50 pairs (50 right and 50 left)

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm

Butt Hinges

Hinges with fixed pin, 5 Knuckles
Finish: steel, yellow chromated

Cat. No.	Dimension A B (approx.)	Knuckle Dia. (approx.)	Material thickness (approx.)	Holes per wing
354.12.905	50 x 35 (1 $^{31}/_{32}$" x 1 $^{3}/_{8}$")	5.5	1.2	2
354.12.906	50 x 50 (1 $^{31}/_{32}$" x 1 $^{31}/_{32}$")	5.5	1.0	3

Packing: 50 pcs.

Mounting screws:
Countersunk head

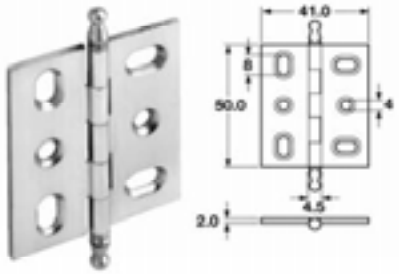
Finish: steel, yellow chromated

3.0 x 13	015.33.320
3.0 x 17	015.33.348

Packing: 1000 pcs.

Hinges, Stays and Aluminum Framed Doors

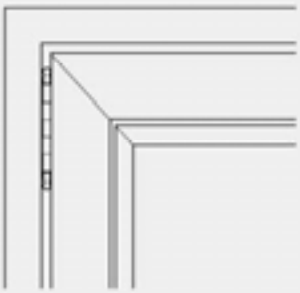
Decorative Butt Hinge



Finish: brass

Cat. No.		
	antique brass	354.22.130
	polished and lacquered	354.22.830

Packing: 20 pcs. (does not include screws)



Shaker style furniture with raised panel doors.

- Highly decorative
- Solid brass
- 2-way adjustable

Dimensional data not binding. We reserve the right to alter specifications without notice.

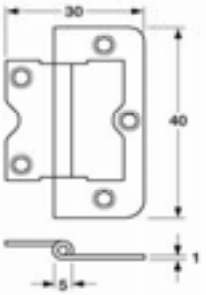
Dimensions in mm

Furniture Hinges

Thickness: 1 mm
Width: 16 mm
Length: 40 mm
Screw holes: 5
Material: steel

Finish	Cat. No.
brass-plated	351.95.503
bronze-plated	351.95.101
zinc-plated	351.95.905

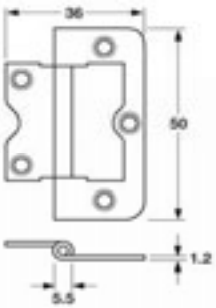
Packing: 500 pcs.



Thickness: 1.2 mm
Width: 18 mm
Length: 50 mm
Screw holes: 4
Material: steel

Finish	Cat. No.
brass-plated	351.95.512
bronze-plated	351.95.110
zinc-plated	351.95.914

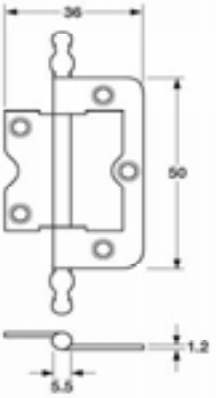
Packing: 300 pcs.



Thickness: 1.2 mm
Width: 18 mm
Length: 50 mm
Screw holes: 4
Material: steel

Finish	Cat. No.
brass-plated	351.95.129

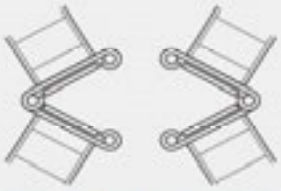
Packing: 250 pcs.



Dimensions in mm

Dimensional data not binding.
We reserve the right to alter specifications without notice.

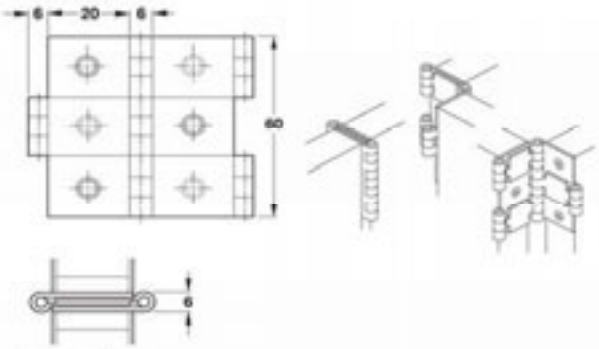
Hinges, Stays and Aluminum Framed Doors



Dimensional data not binding.
We reserve the right to alter specifications without notice.

Furniture Hinges

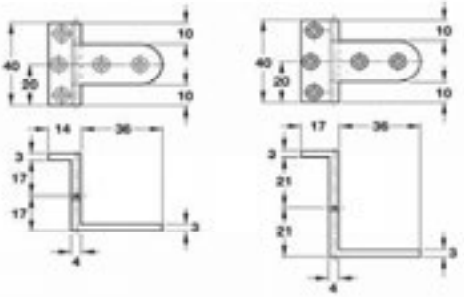
Screen hinges
3-part, pivotable in both directions
Finish: brass, polished



Wood thickness	Cat.No. 20 mm (¹³/₁₆")
	341.20.815

Packing: 12 pcs.

Neuform cranked hinges
Butt hinge for overlay doors
Finish: solid brass

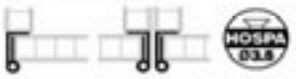


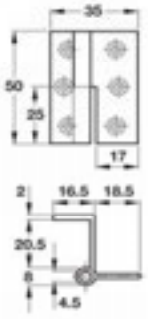
Barrel length: 40 mm

Door thickness	Cat. No. 15 – 16 mm (⁹/₁₆" - ⁵/₈")	19 – 20 mm (³/₄" - ¹³/₁₆")
Side panel thickness	from 14 mm	from 17 mm
nickel-plated, polished	307.05.705	307.04.708

Packing: 20 pcs.

Cranked hinges
Butting for front-hung doors
Finish: solid brass





Barrel length: 50 mm
Side panel thickness: optional

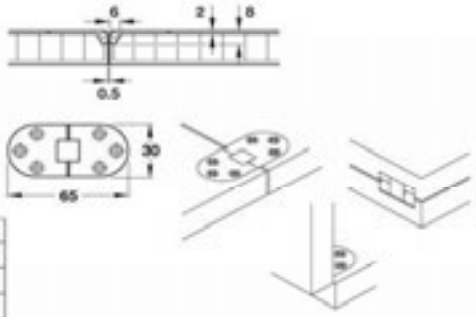
Door thickness	Cat. No. 20 -21 mm (¹³/₁₆") left	right
polished	307.01.832	307.01.823
nickel-plated, matt	307.01.636	307.01.627

Packing: 20 pcs.

Dimensions in mm
Inches are approximate

Furniture Hinges

Self-supporting hinges
for folding and sewing-machine tables, flush-mounted



Finish	Cat. No.
brass nickel-plated, polished	341.32.708
brass matt	341.32.502
brass polished	341.32.806
brass bronzed	341.32.100

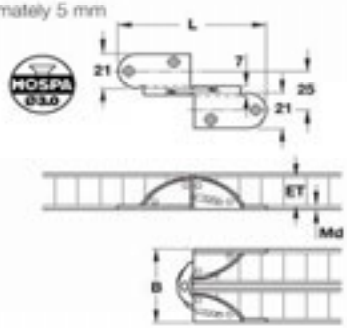
Packing: 50 pcs.

Mounting screws:
Hospa particle board screws
countersunk head with
Pozi drive # 2 cross slot
Finish:
steel, galvanized

Length	Cat. No.
13 mm	015.31.620
15 mm	015.31.639
17 mm	015.31.648

Packing: 1000 pcs.

Folding table hinges
flush-mounted
for panel thicknesses **19 to 22 mm**
internal hinge
Distance between panels approximately 5 mm
Finish: steel, brass-colored



Material thickness	Mortise depth **ET**	Hinge dimensions **L x B**	Material thickness **Md**	Cat. No.
19	16	85 x 47	1.5	341.30.508
22	19	85 x 51	1.5	341.30.526

Packing: 100 pcs.

Mounting screws:
Hospa particle board screws
countersunk head with
Pozi drive #2 cross slot
Finish:
steel, galvanized

Length	Cat. No.
13 mm	015.31.522
15 mm	015.31.531
17 mm	015.31.540

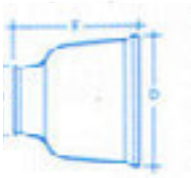
Packing: 1000 pcs.

Hinges, Stays and Aluminum Framed Doors

Dimensional data not binding.
We reserve the right to alter specifications without notice.

Dimensions in mm

4. MAGNETIC DOOR STOPS



These door stops were designed for use on large oceangoing vessels but can be used for all panels, gates or doors which must be firmly held in the presence of vibrations, draughts or sudden acceleration. They can be found in public buildings, on rolling stock, seagoing vessels and machine housings. The body of the door stop is slightly flexible and will compensate to a certain extent for poor fitting. Pole pieces have been treated to resist corrosion. The unit is supplied with the appropriate W counterplate.

SERIES 1

Wall mounted. The **Compact** magnet is fitted in a flexible neoprene sleeve.

Model	Holding Power (Kg)	B	E	D
CF 16-1	10	16	34	42
CF 22-1	20	22	43	54
CF 30-1	30	30	70	71.3

Color: Light gray, brown
Fixing: The polyamide base is screwed into the wall. The body is clipped onto this base and then locked into place using a retaining ring.

Spacer for the C 22-1

In some cases, the C 22-1 door stop may not be high enough. This spacer will build out the distance between the magnetic surface and the wall. Two heights are available: 20mm and 30mm.

SERIES 2

Floor mounted. The **Compact** magnet is housed in a PVC sleeve. **Use**: For fixing onto a surface which is parallel to the direction of movement (e.g. floor).

Model	Holding Power (Kg)	B	D	E	H	J
CF 16-2	10	26	45.5	60	38	50
CF 22-2	20	26	45.5	60	38	50

Color: Light gray, brown, white, black
Fixing: A polyamide plate is fixed to the wall and the body slid into position. The unit is locked in position by means of a retainer ring.

Counterplates

Round, with one single countersunk screw. The screw head must never protrude beyond the ground front surface. When fitting these counterplates, ensure that they are not fully screwed down so that they can take up some play.

Model	A	B	D
W 16	20	4	3.2
W 22	28	5.5	4.2
W 30	40	6	6.2

CRUISE VESSEL REFERENCES

ROYAL CARIBBEAN CRUISES
SOVEREIGN OF THE SEAS
NORDIC EMPRESS
MONARCH OF THE SEAS
MAJESTY OF THE SEAS
LEGEND OF THE SEAS
SPLENDOUR OF THE SEAS
RHAPSODY OF THE SEAS
VISION OF THE SEAS

CELEBRITY CRUISES
MILLENIUM
INFINITY
SUMMIT
CONSTELLATION

NORWEGIAN CRUISE LINE
NORWAY
NORWEGIAN DREAM
NORWEGIAN WIND

RENAISSANCE CRUISES
R ONE
R TWO
R THREE
R FOUR
R FIVE
R SIX
R SEVEN
R EIGHT

PRINCESS CRUISES

PACIFIC PRINCESS (EX. R THREE)
TAHITIAN PRINCESS (EX. R FOUR)
CORAL PRINCESS
ISLAND PRINCESS

P & O CRUISES
ARCADIA

OCEANIA CRUISES
REGATTA (EX. R ONE)
INSIGNIA (EX. R TWO)

HEBRIDEAN CRUISES
HEBRIDEAN SPIRIT (EX. R SIX)

RADISSON SEVEN SEAS CRUISES
PAUL GAUGUIN
SEVEN SEAS MARINER

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CRYSTAL CRUISES
CRYSTAL SERENITY

CUNARD
QUEEN MARY II

MEDITERRANEAN SHIPPING COMPANY
SC LIRICA

HOLLAND AMERICA
NOORDAM