

JUNE 2020

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**delf**commercial  
ARCHITECTURAL CATALOGUE

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Quality | Style | Innovation



Quality,  
fit-for-purpose  
products that put  
functionality into  
your projects

The **Delf Commercial** door hardware offering makes choosing what you need for your next Commercial building project an easy task. Partnering with global leaders with proven success in international markets such as US No 1-selling Kwikset® and Germany's ECO Schulte, Delf brings you functional innovation, style and convenience in a small, carefully selected range of entrance sets and door closers.

Purposefully succinct, the range is durable, hard-wearing and specifically designed for Commercial building conditions and applications. All products in the **Delf Commercial** range are quality tested to stringent specifications and are backed with a 5-year Quality Warranty for your peace of mind.

At Delf, we don't see what goes on doors as an afterthought. A great deal of time and expertise have gone into creating this latest-design and high technology range that can make a good Commercial building project, great. So, whether they are a feature of the door or something more discrete – our fit-for-purpose products can help you make a statement in closing and locking up your next venture.



# Exterior

## ENTRANCE SETS

### 3000 Series

#### Knob External and Internal

- Fire rated for 2 hours to Tyco specifications
- Cylindrical fixing
- Supplied with 70mm backset as standard with a 60mm available as an option.
- 127mm backset extension is available if required
- Suitable for doors 35mm - 45mm in thickness although used successfully on doors up to 50mm thick
- Especially made to take restricted in line and nearly all higher security restricted cylinders
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Has a rose diameter of 75mm
- Spacing rings or plates are available for use on thinner doors
- Supplied with concealed fixing
- Stainless steel latch bolt with a 12mm projection
- Accessories such as rebate kits, internal levers and spare parts available
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55



Satin Stainless Steel

#### TYPE

ENTRANCE SET 70MM SSS C360B

ENTRANCE SET 60MM SSS

DBL-CYL SET 70MM SSS C369B

CLASSROOM SET 70MM SSS C368B

VESTIBULE SET EPSOM 70MM SSS C365B

PASSEGE SET 70MM SSS EPSOM C363

DBL-CYL VESTIBULE SET 70MM SSS

#### PART#

DKPE3000

DKPE3000-60

DKPE3011

DKPE3013

DKPE3062

DKPE3082

DKPE3095



# Exterior

## ENTRANCE SETS

### 4000 Series

#### Knob External and Lever Internal

- Fire rated for 2 hours to Tyco specifications
- Tiebolt fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Adjustable 60mm - 70mm backset
- Suitable for doors 35mm - 45mm in thickness
- Visible internal fixing
- Stainless steel latch
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55



Satin Stainless Steel

#### TYPE

ENTRANCE SET EXT KNOB INT LEVER SSS  
CLASSROOM SET EXT KNOB INT LEVER SSS  
VESTIBULE SET EXT KNOB INT LEVER SSS

#### PART#

DKLPS4000  
DKLPS4012  
DKLPS4062



# Exterior

## ENTRANCE SETS

### 6000 Series

#### Lever External and Lever Internal

- Fire rated for 2 hours to Tyco specifications
- Visible fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55
- Stainless steel latch
- Suitable for 35mm - 45mm thick doors
- 54mm hole through door



Satin Stainless Steel

#### TYPE

LEVERSET ENTRANCE 60-70 SSS  
LEVERSET CLASSROOM 60-70 SSS  
LEVERSET PRIVACY 60-70 SSS  
LEVERSET VESTIBULE 60-70 SSS  
LEVER DUMMY SET 60-70 SSS  
LEVERSET PASSAGE 60-70 SSS  
LEVERSET HALF SET 60-70 SSS

#### PART#

DLPR6000SS  
DLPR6012SS  
DLPR6030SS  
DLPR6062SS  
DLPR6075SS  
DLPR6082SS  
DLPR6085SS



# Exterior

## ENTRANCE SETS

### 7000 Series

#### Lever External and Internal

- Fire rated for 4 hours to Tyco specifications
- Cylindrical fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55
- Supplied standard with a 70mm backset, 60mm available upon request and an extension tube to extend to 127mm is available
- Square shaped lever handles with a strong lever return spring
- 85mm wide rose with two locating fixing holes to prevent the leverset from spinning
- Suitable for doors 35mm - 50mm in thickness extension kit is provided to make it suit the 50mm
- Concealed fixing
- Stainless steel latch bolt with a 12mm projection



Satin Chrome

#### TYPE

ENTRANCE SET SC  
CLUTCHED ENTRANCE SET SC 60MM B/SET  
CLUTCHED ENTRANCE SET SC 70MM B/SET  
DBL-CYL SET SC  
CLASSROOM SET SC  
CLUTCHED CLASSROOM SET SC 70MM B/SET  
CLUTCHED CLASSROOM SET SC 60MM B/SET  
PRIVACY SET SC  
VESTIBULE SET SC  
PASSAGE SET SC  
HALF CUPBOARD SET SC

#### PART#

DLPD7000SC  
DLPD7000-60-CSC  
DLPD7000-CSC  
DLPD7011SC  
DLPD7012SC  
DLPD7012-CSC  
DLPD7012-60-CSC  
DLPD7030SC  
DLPD7062SC  
DLPD7082SC  
DLPD7085SC



# Exterior

## ENTRANCE SETS

### 7000 Series

#### Lever External and Internal

- Fire rated for 4 hours to Tyco specifications
- Cylindrical fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55
- Supplied standard with a 70mm backset, 60mm available upon request and an extension tube to extend to 127mm is available
- 85mm wide rose with two locating fixing holes to prevent the leverset from spinning
- Suitable for doors 35mm - 50mm in thickness extension kit is provided to make it suit the 50mm
- Concealed fixing
- Stainless steel latch bolt with a 12mm projection
- L1 lever design compliant with BCA codes and AS1428



Satin Chrome

#### TYPE

ENTRY SET 70MM SC  
DBL-CYL SET SC  
CLASSROOM SET SC  
PRIVACY SET SC  
VESTIBULE SET SC  
PASSAGE SET SC  
HALF CUPBOARD SET SC

#### PART#

DLPD7000-L1SC  
DLPD7011-L1SC  
DLPD7012-L1SC  
DLPD7030-L1SC  
DLPD7062-L1SC  
DLPD7082-L1SC  
DLPD7085-L1SC





# Exterior

## ENTRANCE SETS

### 8000 Series

#### Angled Lever External and Lever Internal

- Fire rated for 2 hours to Tyco specifications
- Tiebolt fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55
- Adjustable 60mm - 70mm backset, 127mm backset available if required
- Suitable for 35mm - 51mm thick doors
- Concealed fixing
- Stainless steel latch



Satin Stainless Steel

#### TYPE

LEVERSET ENTRANCE 60-70 SSS  
LEVERSET DOUBLE CYL 60-70 SSS  
LEVERSET CLASSROOM 60-70 SSS  
LEVERSET PRIVACY 60-70 SSS  
LEVERSET VESTIBULE 60-70 SSS  
LEVERSET PASSAGE 60-70 SSS

#### PART#

DLPA8000SS  
DLPA8011SS  
DLPA8012SS  
DLPA8030SS  
DLPA8062SS  
DLPA8082SS



# Exterior

## ENTRANCE SETS

### 8000 Series

#### BCA Compliant Curled Lever External and Lever Internal

- Fire rated for 2 hours to Tyco specifications
- Cylindrical fixing
- Suits KeyLine LKW9 (Silca LW5) profile
- Cylinder is a 6 pin PD style brass cylinder
- Spare cylinder available for TES5 to suit Delf Trade keyway CLAIC-TE55
- Supplied standard with a 70mm backset, 60mm available upon request and an extension tube to extend to 127mm is available
- 85mm wide rose with two locating fixing holes to prevent the leverset from spinning
- Suitable for doors 35mm - 50mm in thickness extension kit is provided to make it suit the 50mm
- Concealed fixing
- Stainless steel latch bolt with a 12mm projection
- L1 lever design compliant with BCA codes and AS1428



Satin Stainless Steel

#### TYPE

LEVERSET ENTRANCE 60-70 SSS  
LEVERSET DOUBLE CYL 60-70 SSS  
LEVERSET CLASSROOM 60-70 SSS  
LEVERSET PRIVACY 60-70 SSS  
LEVERSET VESTIBULE 60-70 SSS  
LEVERSET PASSAGE 60-70 SSS

#### PART#

DLPA800LISS  
DLPA8011-LISS  
DLPA8012LISS  
DLPA8030-LISS  
DLPA8062LISS  
DLPA8082-LISS



# Exterior

ENTRANCE HARDWARE

## Commercial Series

### BCA Compliant External Budapest Lever Set

- Fire rated for 2 hours with DCA0100 Primary Mortice Lock
- BCA Compliant to AS1428.1
- Suitable for Doors 35mm to 50mm in thickness
- Concealed Fixing
- Round 54mm or Square 55mm rosette



Stainless Steel



Matt Black

#### TYPE

BUDAPEST LEVER ON 54MM ROUND ROSE  
BUDAPEST LEVER ON 54MM SQUARE ROSE

#### PART#

DCB0134SSST  
DCB1134SSST

#### PART#

DCB0134BLK  
DCB1134BLK

# Exterior

ENTRANCE HARDWARE

## Commercial Series Primary Mortice Lock

- Fire rated for 2 hours
- 60mm backset as standard
- Suitable for Oval type Cylinders
- Through fix of cylinder or turn knob escutcheons
- Handing can be switched on site



Satin Stainless Steel



Matt Black

**TYPE**  
Delf PRIMARY MORTICE LOCK

**PART#**  
DCA0100SST

**PART#**  
DCA0100MBLK

## Auto Door Closer Fully Monitored Electric Strike

- Fire rated and CE approved
- High Security Electric Strike
- Switch Monitoring of Strike and Latch
- Variable voltage - 12 to 24VDC
- Interchangeable fail safe/fail secure function
- Stainless steel housing and keeper
- Pre-drilled holes for optional extension lips



Satin Stainless Steel

**TYPE**  
FULLY MONITORED ELECTRIC STRIKE

**PART#**  
DCA7103

# Exterior

ENTRANCE HARDWARE

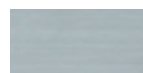
## Commercial Series

### BCA Compliant D Lever Long Plate Furniture

- Fire rated for 2 hours with DCA0100 Primary Mortice Lock
- BCA Compliant to AS1428.1
- Stainless Steel Construction
- Suitable for Oval type Cylinders
- Concealed Fix



**TYPE**  
D LEVER ON RECTANGULAR ENTRANCE PLATE



Satin Stainless Steel

**PART#**  
DCB3110SSS



**TYPE**  
D LEVER ON NARROW STILE ENTRANCE PLATE



Satin Stainless Steel

**PART#**  
DCB2110SSST

# Exterior

ENTRANCE HARDWARE

## Commercial Series Turn Snib

- Stainless Steel Construction
- Suitable for use with DCA0100 Primary Mortice Lock (add A5000TA6 Turn Adaptor)
- Concealed Fix
- Round or Square Escutcheon available
- Round 54mm Diameter
- Square 55mm Edge length



Satin Stainless Steel



Matt Black

**TYPE**  
TURN SNIB ROUND ESCUTCHEON  
TURN SNIB SQUARE ESCUTCHEON

**PART#**  
DCB0003SSST  
DCB1003SSST

**PART#**  
DCB0003BLK  
DCB1003BLK

## Commercial Series Lockset Cylinders

- Models to suit Keyline LKW9 (Silca LW5) and TES5 profiles
- Suitable for series PE3000 PS4000 PD7000 PA8000 PR6000 ALB4000
- Stainless Steel & Brass Construction
- C4 Keyway



Satin Chrome

**TYPE**  
3000/6000/7000 ALB TES5 KEYWAY

**PART#**  
DLCLAIC-TE55SC

# Exterior

ENTRANCE HARDWARE

## Commercial Series Lockset Cylinders

- Stainless Steel & Brass Construction
- Suitable for use with DCA0100 Primary Mortice Lock
- Can be adapted for Turn Snib with A5000TA6 Turn Adaptor
- Various Cam functions available
- Can be keyed alike or keyed to differ
- Project Keying available



Satin Stainless Steel



Matt Black

**TYPE**  
OVAL CYLINDER

**PART#**  
DCA5005KA1

**PART#**  
DCA5005KA1BLK

## Commercial Series Oval Cylinder Escutcheons

- Stainless Steel Construction
- Suitable for Oval type Cylinders
- Concealed Fix
- Round or Square Escutcheon available
- Round 54mm Diameter
- Square 55mm Edge length



Satin Stainless Steel



Matt Black

**TYPE**  
OVAL CYLINDER ROUND ROSE ESCUTCHEON  
OVAL CYLINDER SQUARE ROSE ESCUTCHEON

**PART#**  
DCB0002SSST  
DCB1002SSST

**PART#**  
DCB0002BLK  
DCB1002BLK

# Exterior

ENTRANCE HARDWARE

## Commercial Series Door Closer

- Standard Hydraulic Door Closer
- Suitable for interior and exterior timber or metal doors
- Independent adjustable latching and closing speed valves
- Hold open option
- Size 3 closer
- Suits 40kg - 65kg doors
- Door width range 810-950mm



Silver Pearl



Matt Black

**TYPE**  
EN3 DOOR CLOSER NON FIRE-RATED

**PART#**  
DDC1400SP

**PART#**  
DDC1400MB





# Exterior

ENTRANCE HARDWARE

## Commercial Series Foot Operated Door Opener

- Suits any thickness doors
- Solid 4mm Aluminium Constructed
- 115mm wide for any size shoe
- Provides hand free door opening of latchless doors
- Doubles as a door stop



Silver Pearl



Matt Black

**TYPE**  
FOOT OPERATED DOOR OPENER

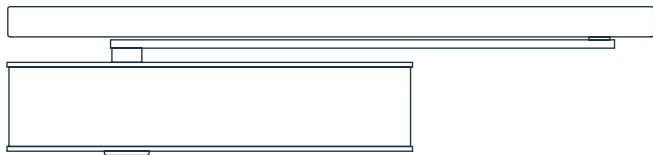
**PART#**  
DCFODOSP

**PART#**  
DCFODOMB





## Door closer technology Aesthetic Powerhouses



## Turning safety into a product

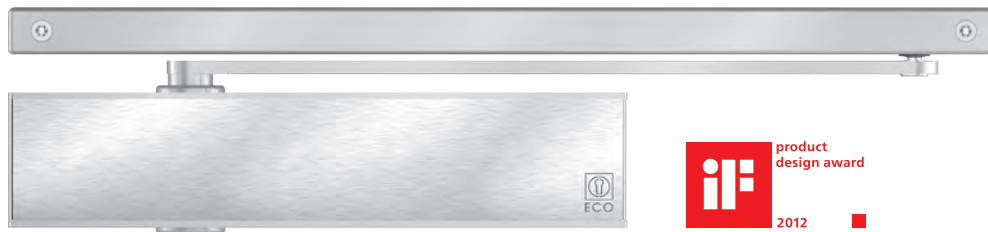
Door closers have to cope with routine daily business and emergency situations: they soften the door strike and close the door securely. In emergency situations, they guarantee that fire compartments are separated reliably so that lives can be saved. In routine situations, the asymmetric transmission makes it easier to open the door.

Door closers from **ECO Schulte** work purely mechanically with hydraulically damped, stepped gear spring force. The mechanical principle ensures correct functioning under all conditions – even when there is a power cut. The special gearing geometry guarantees easy opening while at the same time producing sufficient standard-compliant closing power to overcome the lock resistance.

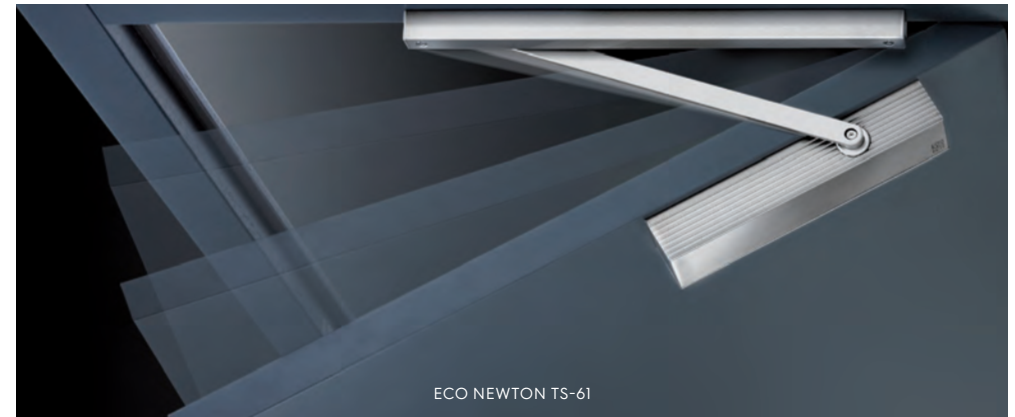
Door closers have a safety function, which makes them a part of the architecture. The **ECO Schulte** door closer portfolio reflects the complete spectrum of practical demands of modern architecture – no matter whether these are defined for aesthetic or functional reasons. They extend from the functional standard of the standard arm door closer through minimalized, aesthetic slide rail closers and hold-open systems to "virtually invisible" closing solutions integrated into the floor or door leaf.

## The Aesthete: ECO Newton

The new door closer generation from ECO Schulte: a meticulously well-conceived design consisting of a stainless steel cover and aluminium body. Concealed mounting plates, adjusting elements protected against vandalism, colour-matched materials and the variable combination of all slide rail door closers with closing sequence regulator systems are the distinguishing features of this new generation of door closer models. In addition to this, the new "ECOvalve" technology guarantees the simple and high-precision adjustment of all parameters of the closing process.



ECO NEWTON TS-61



ECO NEWTON TS-61

## ECO Newton overview

Door closer with slide rail							
Description	Tests <sup>1</sup>	Size acc. to EN <sup>2</sup>	Latching speed adjustment <sup>3</sup>	Back-check <sup>4</sup>	Closing force adjustment	Delayed action <sup>5</sup>	DIN L + R / BS + BG <sup>6</sup>
TS-61 (2-5)	F / CE	2-5 continuously	from the front	adjustable	from the front	optional	yes / yes <sup>7</sup>
TS-41	F / CE	1-4 continuously	from the side	fixed	from the side	-	yes / yes

Door closer with standard arm							
Description	Tests <sup>1</sup>	Size acc. to EN <sup>2</sup>	Latching speed adjustment <sup>3</sup>	Back-check <sup>4</sup>	Closing force adjustment	Delayed action <sup>5</sup>	DIN L + R / BS + BG <sup>6</sup>
TS-50 (2-6)	F / CE	2-6 continuously	from the side	fixed	from the side	-	yes / yes
TS-20	F / CE	3 / 5	from the side	fixed	from the side	-	yes / yes

**Legend:** **1** EN 1154 - CE-sign and fire-protection tested. **2** Door closer sizes acc. to European Norm (EN). **3** Increases the closing force to ensure that the door closes reliably. **4** Regulates the force which is necessary to open the door. **5** Comfortable delayed action, for example for hotel rooms. **6** Available for DIN left and DIN right (L+R) as well as for hinge side (BS) or hinge-opposite side (BG). **7** Please order execution G (=hinge-opposite side).

## The highlights of the ECO Newton range



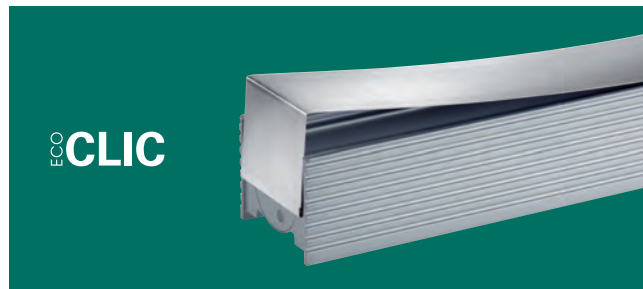
### Two units for the entire building

The ECO Newton closer portfolio covers all door dimensions with only two basic closer units. In addition to this, end-mounted valve technology permits the mounting of the same closer on the hinge and hinge-opposite side (TS-41/31).



### Combination of elegant materials

Elegant materials are standard with ECO Newton: the stainless steel cover and aluminium body unit of the new door closer generation are perfectly matched with one another - in an architecturally compatible form language.



### Intelligent stainless steel cover

ECOcllic envelops the aluminium body unit with the power of spring steel. The cover conceals all of the adjusting elements and cannot be removed without tools, thus securing the closer against unauthorized access.



### Well-conceived assembly system

The special feature of the ECO Newton assembly system is that the mounting plate is completely concealed by the aluminium body of the closer, thus making it invisible. The mounting plate has standardized drill holes which guarantee time-saving, secure and simple attachment.



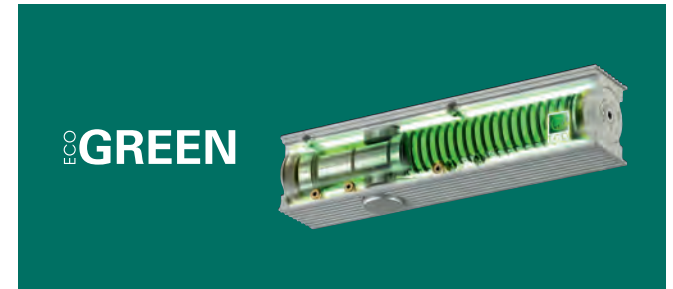
## New valve technology

The new ECOvalve technology offers a wide and precisely adjustable setting range. This means the simple, high-precision and permanently secure adjustment of all parameters of the closing process with one conventional allen key. As with all ECO Newton door closers, the closing speed and latching speed are regulated via the ECOvalve as a standard feature.



## Stainless steel full cover

The full cover is an optional stainless steel covering for the ECO Newton door closers and related slide rails. The overall appearance is perfected by a lever arm with a stainless steel look. A cover on the closer body is available for standard arm closers.



## Saves resources

ECO Newton door closers are up to 1,000 grammes lighter than comparable solutions. Their intelligent construction and carefully planned use of materials help considerably to save resources - without compromising functionality, safety, security or quality.



## Uniform finishing edge and colour design

The mounted slide rail and door closer are flush when the door is closed. The colours of all materials are perfectly matched - right down to the end caps of the slide rail. In this way, ECO Newton door closers can be integrated harmoniously into every design context.



## Combination talent

The ECO Newton Vario concept permits the use of all slide rail door closers and can even be combined with different door leaf widths. In this way, optimum value for money can be achieved for each individual door situation.



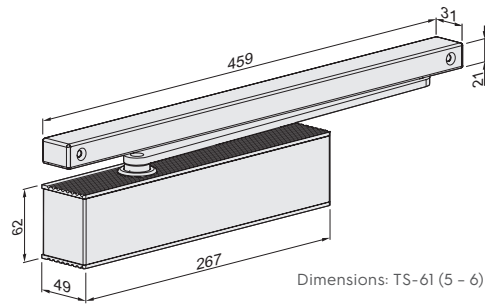
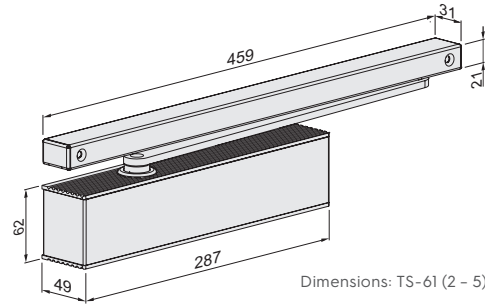
## Standardized quality

As with all ECO Schulte products, the door closers are manufactured in a quality management process certified in accordance with ISO 9001. This guarantees that top quality is produced and installed. Many door closer versions are suitable for use with fire and smoke protection doors - and tested in line with EN 1154 A. All products tested in accordance with valid European directives have the CE mark applied to them.

## ECO Newton TS-61

### Product characteristics

Closing force EN (continuously adjustable)	Size acc. to	2 - 5	2 - 5	5 - 6
		<b>F</b>	SV	<b>F</b>
Door width	≤ 1.250 mm	■	■	■
acc. to EN	≤ 1.400 mm	-	-	■
Dimensions (incl. mounting plate)	Length in mm	287	287	267
	Depth in mm	49	49	49
	Height in mm	62	62	62
Mounting plate acc. to EN 1154 (supplementary sheet 1)		■	■	■
Hinge side and hinge-opposite side		□	□	□
DIN left / right		■	■	■
Latching speed (continuously adjustable)		■	■	■
Closing speed (continuously adjustable)		■	■	■
Back-check (continuously adjustable)		■	■	■
Delayed action (continuously adjustable)		-	■	-
Tested acc. to EN		<b>EN 1154</b>		
Suitable for fire- and smoke control doors		<b>F</b>	-	<b>F</b>
Certified according to EU-Directive		<b>CE</b>	-	<b>CE</b>



Steel door

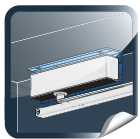


Wooden door



Profile frame door

- Yes
- No
- Option



Under-lintel angle for door closer available



Under-lintel angle for slide rail available



Adaptor profiles available



TS-61 EN2-5 Delayed Action Door Closer with Slide Arm

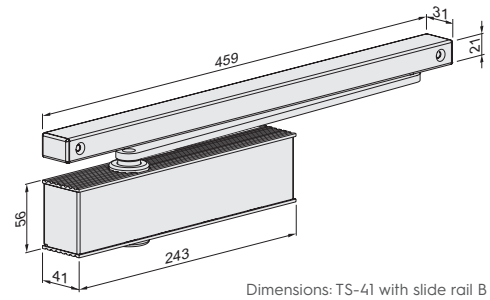
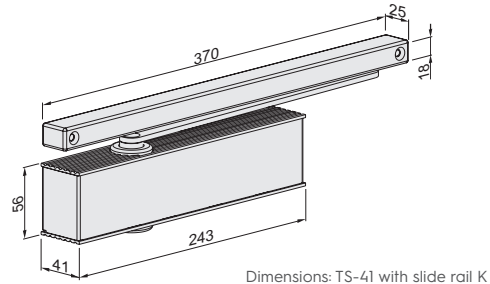
**PART#**  
EDCTS61

This closer is available in White, Brown or Black - minimum quantities apply

## ECO Newton TS-41

### Product characteristics

Closing force (continuously adjustable)	Size acc. to EN	1 - 4
Door width	acc. to EN ≤ 1.100 mm	■
Dimensions (incl. mounting plate)	Length in mm	243
	Depth in mm	41
	Height in mm	56
Mounting plate acc. to EN 1154 (supplementary sheet 1) with GS B		□
Hinge side and hinge-opposite side		■
DIN left / right		■
Latching speed (continuously adjustable)		■
Closing force (continuously adjustable)		■
Back check (constant)		■
Delayed action (continuously adjustable)		-
Tested acc. to EN	<b>EN 1154</b>	
Suitable for fire- and smoke control doors	<b>F</b>	
Certified according to EU-Directive	<b>CE</b>	
Construction of accessible buildings	<b>DIN 18040</b>	



Steel door



Wooden door



Profile frame door

- Yes
- No
- Option



TS-41 EN1-4 Delayed Action Door Closer with Slide Arm

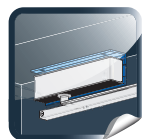
**PART#**  
EDCTS41



TS-41 EN1-4 Delayed Action Door Closer with Slide Arm Matt Black

**PART#**  
EDCTS41MB

The standard arm is always delivered in the same colour as the ordered door closer body.



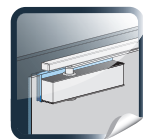
Under-lintel angle for door closer available



Under-lintel angle for slide rail available



Adaptor profiles available

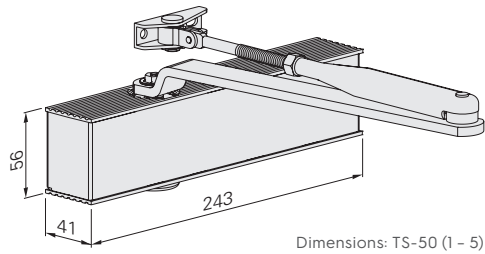
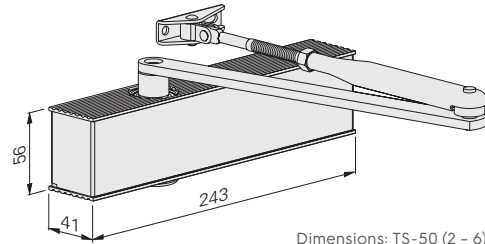


Glass clamping device available

## ECO Newton TS-50

### Product characteristics

Closing force (continuously adjustable)	Size acc. to EN	1 - 5	2 - 6
Door width	acc. to EN ≤ 1.250 mm	■	
Door width (acc. separate mounting position)	acc. to EN ≤ 1.400 mm		■
Dimensions (incl. mounting plate)	Length in mm	243	243
	Depth in mm	41	41
	Height in mm	56	56
Mounting plate acc. to EN 1154 (supplementary sheet 1)		□	□
Hinge side and hinge-opposite side		■	■
DIN left / right		■	■
Latching speed (continuously adjustable)		■	■
Closing speed (continuously adjustable)		■	■
Back-check (constant)		■	■
Delayed action not fire certified (continuously adjustable)		-	-
Tested acc. to EN	<b>EN 1154</b>		
Suitable for fire- and smoke control doors	<b>F</b>		
Certified according to EU-Directive	<b>CE</b>		



Steel door



Wooden door



Profile frame door

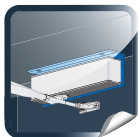
■ Yes  
- No  
□ Option



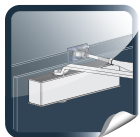
TS-50 ENI-5  
Door Closer  
with Standard  
Arm

**PART#**  
EDCTS50

This closer is available in White, Brown or Black - minimum quantities apply



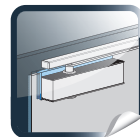
Under-lintel  
angle for  
door closers  
available



Adaptor  
profiles  
available



Angle bracket  
for parallel  
arm available



Glass  
clamping  
device  
available



## ECO Newton TS-20

### Product characteristics

Closing force (stepwise adjustable)	Size acc. to EN	2/3/5
Door width	acc. to EN $\leq 1.250$ mm	■
Dimensions (incl. mounting plate)	Length in mm	243
	Depth in mm	41
	Height in mm	56
Mounting plate acc. to EN 1154 (supplementary sheet 1)		□
Hinge side and hinge-opposite side		■
DIN left / right		■
Back-check (constant)		■
Latching speed (continuously adjustable)		■
Closing speed (continuously adjustable)		■
Delayed action (continuously adjustable)		-

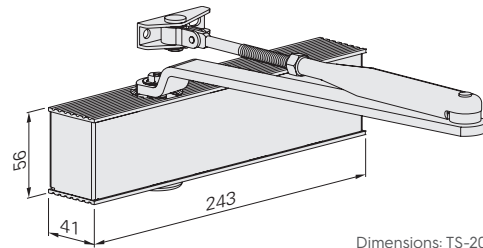
Tested acc. to EN **EN 1154**



Suitable for fire- and smoke control doors



Certified according to EU-Directive



Dimensions: TS-20



Steel door

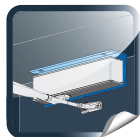


Wooden door

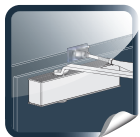


Profile frame door

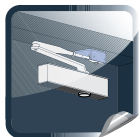
- Yes
- No
- Option



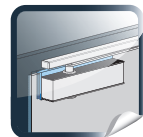
Under-lintel angle for door closers available



Adaptor profiles available



Angle bracket for parallel arm available



Glass clamping device available



TS-20 EN2/3/5 Adjustable Door Closer with Standard Arm

**PART#**  
EDCTS20

This closer is available in Black - minimum quantities apply

# Interior

DOOR CLOSER TECHNOLOGY

## Delf Auto Door Closer

**Parameters easily adjustable by hand programmer:**

- Opening or Closing Speeds
- Manual open force (push to go function)
- Opening direction
- Hold open time



### Technical Specification

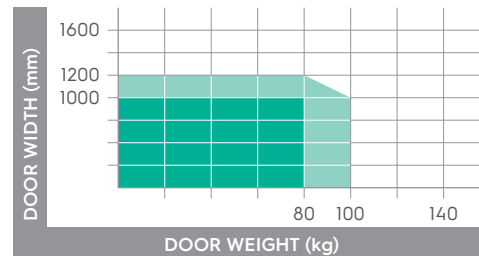
- Open way: Single open or Double open
- Max door weight: 120kg
- Door Width: Min 660mm Max 1200mm
- Power input: AC110V/AC 220V, 50-60Hz
- Power consumption: 50W
- Max Opening Angle: 120 degrees
- Open speed: 250-450mm/s (adjustable)
- Close speed: 250-450mm/s (adjustable)
- Open time: 3-7 sec (adjustable)
- Hold-open time: 1-30 sec (adjustable)
- Manually open force <30N
- Running noise: < 55Db
- Environment temperature -200C to +500C
- Protection Class: IP12D
- Product Weight: 6.5Kg
- Dimensions: L515 x H95 x W50mm



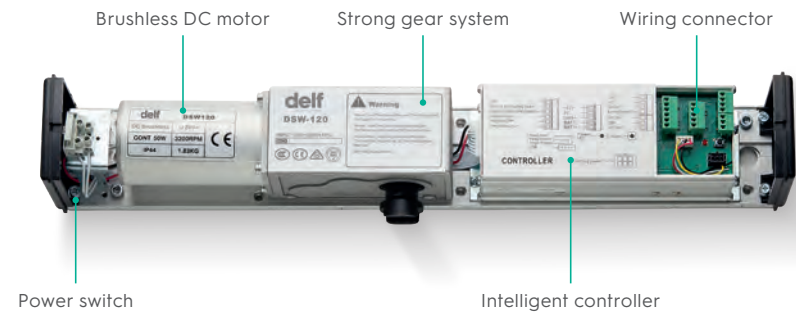
Satin Stainless Steel

**PART#**  
DSW120

Suitable Door Width & Weight



■ Best Fit Scope ■ Limit Scope



# Exterior

DOOR CLOSER TECHNOLOGY

## Auto Door Closer Ceiling Mount Infrared Sensor

- Passive Infrared Sensor for DSW120
- Constructed from ABS Fireproof materials
- Induction sensitivity and range can be set
- Exposed or concealed installation
- Available in Satin Chrome or Matt Black



Satin Chrome



Matt Black

**PART#**  
DDCAIRSENSORSC DDCAIRSENSORMB

## Auto Door Closer Touchless Wave Hand Sensor

- Passive Infrared Sensor for DSW120
- Constructed from ABS Fireproof materials
- Induction sensitivity and range can be set
- Comes complete with wall mounting bracket



**PART#**  
DDCAUTOHANDSENSOR

## Auto Door Closer Single Access Controller Keypad

- Up to 1,000 user codes can be stored
- Opens with Proximity Card, Passcode or both
- Can be linked with the DSW120 to achieve unlocking before approaching the door
- Easy to install



**PART#**  
10DDCAACCESSPAD1

# Exterior

ENTRANCE HARDWARE

## Commercial Series Commercial Hinges

- Stainless Steel construction
- Fixed Pin or Loose Pin available
- Fire rated 4 hours (only SS Version)



Satin Stainless Steel



Matt Black

### TYPE

BUTT HINGE 100MMX75MMX 2.5MM FIXED PIN  
BUTT HINGE 100MMX75MMX 2.5MM LOOSE PIN  
LARGE BB HINGE 100MMX100MMX2.5 FIXED PIN SS  
LARGE BB HINGE 100MMX100MMX2.5MM FIXED PIN

### PART#

10DHR175FPSS  
10DHR175LPSS  
10DHJ0401SSST

### PART#

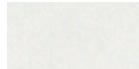
10DHJ0401BLK

# Bathroom

## LEGACY GRAB RAILS



**GRAB RAIL**  
32 mm Straight 300 mm

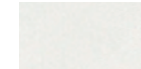


Chrome Plated

**PART#**  
10DBAG3683L



**GRAB RAIL**  
32 mm Straight 400 mm



Chrome Plated

**PART#**  
10DBAG3685L



**GRAB RAIL**  
32 mm Straight 600 mm



Chrome Plated

**PART#**  
10DBAG3686L

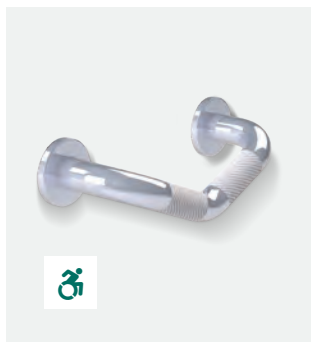


**GRAB RAIL**  
32 mm Straight 900 mm



Chrome Plated

**PART#**  
10DBAG3690L

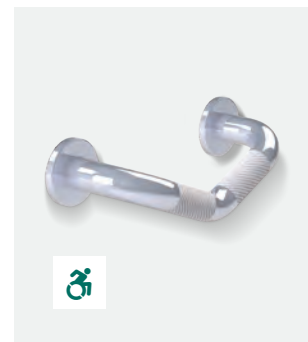


**GRAB RAIL**  
32 mm Elbow 150 x 150 mm

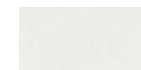


Chrome Plated

**PART#**  
10DBAG3684L



**GRAB RAIL**  
32 mm Elbow 305 x 305 mm



Chrome Plated

**PART#**  
10DBAG3934L

# Support

WE'RE HERE TO HELP

Contact Delf for all your Commercial Specification and Keying Needs

## Phone

1300 362 625

## Email

[sales@delfarchitectural.com.au](mailto:sales@delfarchitectural.com.au)

[specify@delfarchitectural.com.au](mailto:specify@delfarchitectural.com.au)

## International Sales Office

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81-83 Larch St

Tai Kok Tsui, Kowloon, Hong Kong

## Melbourne Head Office

20-24 Bessemer Drive

Dandenong South VIC 3175

## Western Australia Office

Unit 3/50 Abernathy Rd

Belmont WA 6104

## Delf Locksmithing Keying Services

Delf's professional locksmithing service offers the following keying services for its products:

- Keyed Alike (KA)
- Project Keying (PK)
- Master Keying (MK)
- Grand Master Keying (GMK)
- Maison Keying (MA)

## Delf Door Hardware Scheduling

Delf offers professional Door Hardware scheduling for your commercial project.

Contact your local representative or email your plans to [specify@delfarchitectural.com.au](mailto:specify@delfarchitectural.com.au) (please ensure you provide contact details and any special instructions).

Most schedules can be turned around within 5 working days.





QUALITY | STYLE | INNOVATION

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1300 362 625

[delfarchitectural.com.au](http://delfarchitectural.com.au)