

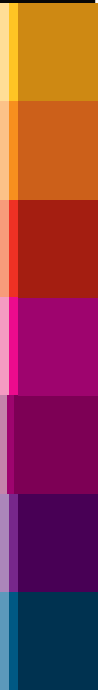
For more information on Leaderflush Shapland visit www.barbourproductsearch.info

Leaderflush Shapland

The future of performance doorsets



Leaderflush Shapland
Architectural Hardware



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architectural hardware

an introduction

Leaderflush Shapland, the leading UK performance doorset manufacturer, has been meeting the demands of the construction industry for many years. As part of SIG Plc, a successful £1.9 billion company, Leaderflush Shapland's financial strength and stability continues to grow whilst we retain our individual identity. With substantial investment into manufacturing technology, product development and customer relationship programmes, our focus is to ensure that we offer the very best products on the market and achieve the highest possible levels of service from manufacture through to installation.

The Leaderflush Shapland name is synonymous with performance, design, quality, innovation and excellence. These same attributes can now be found in the Leaderflush Shapland range of architectural hardware, where products have been chosen to meet specific performance requirements. As a result, when we supply your doors and doorsets we can provide a complete end-to-end solution, enabling you to specify all your door and doorset requirements from one provider. Our integrated package has a full range of complementary accessories – from the standard to the diverse – and our technical division (which includes members of the Guild of Architectural Ironmongers), ensures that we have an experienced team on-hand to provide a full specification support service.

This catalogue brings together two distinct ranges – Origins and Elements – that will give you the ability to specify architectural hardware across all applications and sectors. It is our aim to provide you with everything from the handle and lock to the doorstep, in a choice of finishes and styles to suit all design criteria and budgets. In addition, we have recommended certain products for specific sectors and included a guide to suggested door packs for typical applications ranging from school halls to treatment rooms (section G).

Origins

Origins is a design-led range that provides a flexible, creative solution for any environment. Manufactured to the highest specification, this range offers high quality finishes for modern, commercial interiors as well as health and education environments.

Elements













Elements is our range that offers exceptional quality and value for money whilst still providing a wide variety of products to suit all tastes and a number of applications, including commercial, health and education. This versatile, practical range has an element of design influence and has been put together to suit the varied needs of today's architect, specifier, contractor and builder.

For further information about Leaderflush Shapland's complete doorset solution, please contact the Architectural Hardware Department on 01773 530500.

finishes

metal options		ACC Aluminium Coloured Coating*		PC Polished Chrome		SILV Silver
		DUO A combination of two finishes		PSS Polished Stainless Steel		SNP Satin Nickel Plate
		PAA Polished Anodised Aluminium		SAA Satin Anodised Aluminium		SSS Satin Stainless Steel

* Available in any BS or RAL colour

nylon options		WHITE		MANHATTAN		DARK BLUE		DARK RED
		DARK GREY		YELLOW		SLATE BLUE		RED
		BLACK		GREEN		BLUE		IVORY

Please note: Due to limitations in the print process, certain products may differ slightly in colour from the above samples.

pull handles

BB – BACK TO BACK

BT – BOLT THROUGH

FF – FACE FIXED

legend



BS 8300 and AD M compliant



Education



Hospital



Suitable for use on fire doors



Commercial



Designer Choice

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Lever Handle

Code	LHP750
Description	Solid 19mm lever on rose
Finishes	SSS PSS
Dimensions	135 x 69 x 19mm
Symbols	
Diagram	



Lever Handle

Code	LHP751
Description	Hollow 22mm lever on rose
Finishes	SSS PSS
Dimensions	140 x 69 x 22mm
Symbols	
Diagram	



Lever Handle

Code	LHP761
Description	Solid 19mm lever on rose
Finishes	PSS SSS Duo finish PAA SAA Duo finish
Dimensions	140 x 69 x 19mm
Symbol	
Diagram	

Please note all dimensions are given as mm



Lever Handle

Code	LHP762
Description	Solid 19mm lever on rose
Finishes	SAA PAA ACC
Dimensions	135 x 69 x 19mm
Symbols	
Diagram	



Lever Handle

Code	LHP764
Description	Solid 22mm lever on rose
Finishes	SAA PAA ACC
Dimensions	140 x 69 x 22mm
Symbols	
Diagram	



Lever Handle

Code	LHP765
Description	Solid 22mm lever on rose
Finishes	SAA PAA ACC
Dimensions	135 x 69 x 22mm
Symbols	
Diagram	

Please note all dimensions are given as mm



Lever Handle

Code	LHP766
Description	Solid 19mm lever on rose
Finishes	SAA PAA ACC
Dimensions	125 x 69 x 19mm
Symbols	
Diagram	



Lever Handle

Code	LHP757
Description	Hollow 19mm lever on rose
Finishes	SSS
Dimensions	142 x 72 x 19mm
Symbols	
Diagram	



Lever Handle

Code	LHP760
Description	Lever on rose
Finishes	SSS
Dimensions	136 x 72 x 21mm
Symbols	
Diagram	

Please note all dimensions are given as mm



Lever Handle	
Code	LHP759
Description	Hollow 19mm lever on rose sprung
Finishes	SSS
Dimensions	130 x 80 x 19mm
Symbols	
Diagram	



Lever Handle	
Code	LHP754
Description	Hollow 19mm lever on rose sprung
Finishes	SSS
Dimensions	139 x 82 x 19mm
Symbols	
Diagram	



Lever Handle	
Code	LHP756
Description	Hollow 19mm lever on rose sprung
Finishes	SSS
Dimensions	131 x 70 x 19mm
Symbols	
Diagram	

Please note all dimensions are given as mm



Lever Handle

Code	LHP752		
Description	Solid lever on rose sprung		
Finishes	PSS	SSS	Duo finish
Dimensions	136 x 62 x 23mm		
Symbols			
Diagram			



Lever Handle

Code	LHP767		
Description	Solid 20 mm lever on rose sprung		
Finishes	PSS	SSS	Duo finish
Dimensions	130 x 62 x 20mm		
Symbols			
Diagram			







Lever Handle

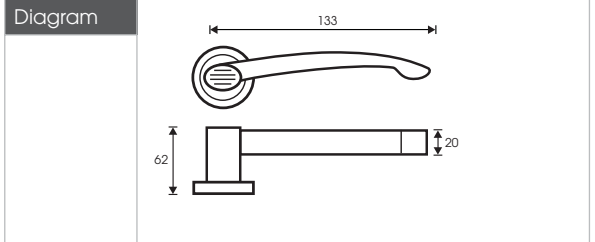
Code	LHP758		
Description	Solid lever on rose sprung		
Finishes	SSS		
Dimensions	140 x 72 x 29mm		
Symbols			
Diagram			

Please note all dimensions are given as mm



Lever Handle




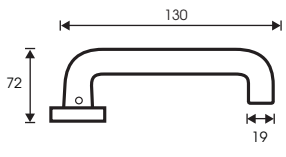
Code	LHP753
Description	Solid lever on rose sprung
Finishes	 SSS
Dimensions	133 x 62 x 20mm
Symbols	  



Please note all dimensions are given as mm




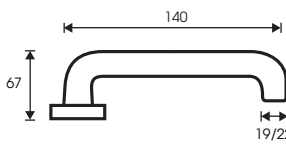


Lever Handle

Code	LHC266
Description	Solid 19mm lever on rose
Finishes	SAA
Dimensions	130 x 72 x 19mm
Symbols	  
Diagram	










































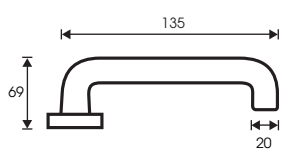


Lever Handle

Code	LHC267
Description	Hollow 19mm lever on rose
Finishes	SSS
Dimensions	140 x 67 x 19/22mm
Symbols	  
Diagram	



Nylon Lever Handle








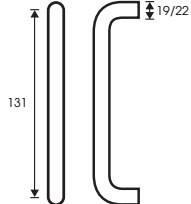
Code	LHN001																								
Description	Nylon 20mm lever on rose																								
Finishes	<table border="1"> <tr> <td></td> <td>WHT</td> <td></td> <td>MHAN</td> <td></td> <td>DKBL</td> <td></td> <td>DKRD</td> </tr> <tr> <td></td> <td>DKGY</td> <td></td> <td>YEL</td> <td></td> <td>SLBL</td> <td></td> <td>RED</td> </tr> <tr> <td></td> <td>BLK</td> <td></td> <td>GRN</td> <td></td> <td>BLU</td> <td></td> <td>IVO</td> </tr> </table>		WHT		MHAN		DKBL		DKRD		DKGY		YEL		SLBL		RED		BLK		GRN		BLU		IVO
	WHT		MHAN		DKBL		DKRD																		
	DKGY		YEL		SLBL		RED																		
	BLK		GRN		BLU		IVO																		
Dimensions	135 x 69 x 20mm																								
Symbols	    																								
Diagram																									

Please note all dimensions are given as mm








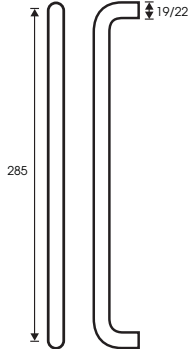


		pull handles	











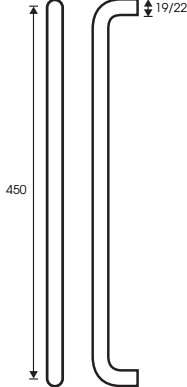
Pull Handle	
Code	PHP430
Description	Solid pull handle
Finishes	 SAA  PAA  ACC
Dimensions	131mm centres, 19/22mm diameter
Fixings	BT, FF, BB
Symbols	   
Diagram	

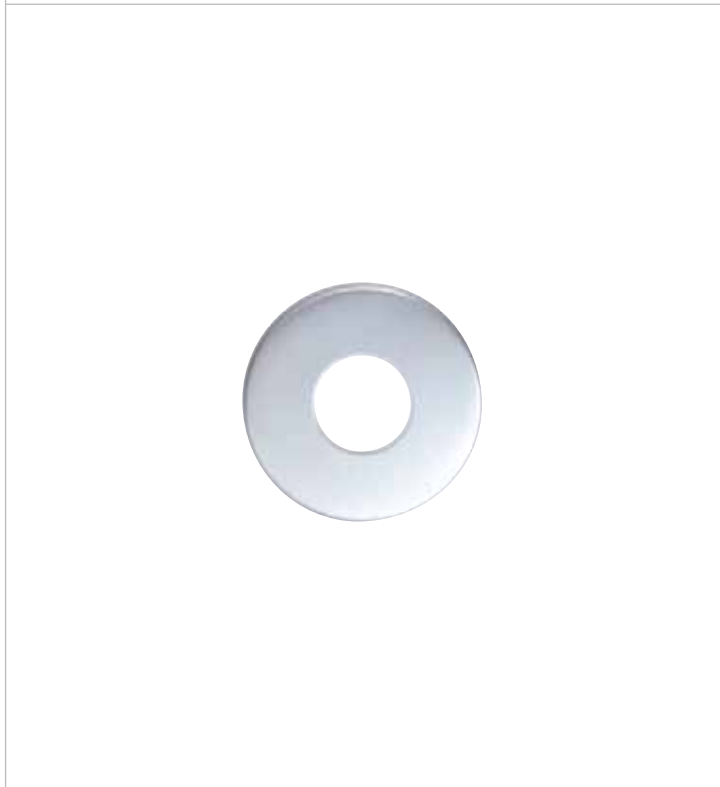







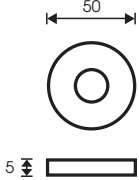
Pull Handle	
Code	PHP431
Description	Solid pull handle
Finishes	 SAA  PAA  ACC
Dimensions	285mm centres, 19/22mm diameter
Fixings	BT, FF, BB
Symbols	   
Diagram	

Please note all dimensions are given as mm



Pull Handle	
Code	PHP432
Description	Solid pull handle
Finishes	 SAA  PAA  ACC
Dimensions	450mm centres, 19/22mm diameter
Symbols	    
Fixings	BT, FF, BB
Diagram	



Pull Handle Rose	
Code	RPP001
Description	Roses for pull handle
Finishes	 SAA  PAA  ACC  SSS  PSS
Dimensions	50 x 5mm
Diagram	

Please note all dimensions are given as mm



Pull Handle

Code	PHP426		
Description	Solid pull handle		
Finishes	SSS	PSS	Duo Finish
Dimensions	335 x 19mm diameter		
Symbols			
Diagram			




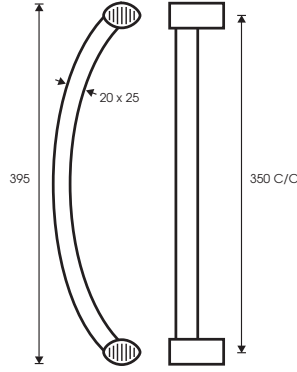


Pull Handle




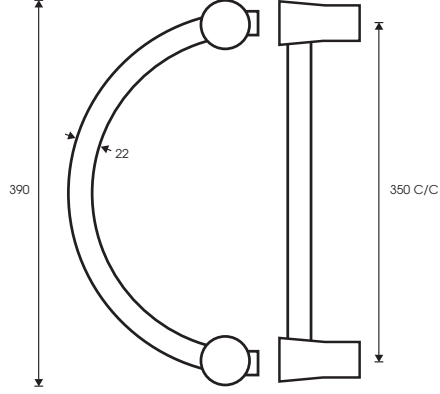
Code	PHP427		
Description	Solid pull handle		
Finishes	SSS		
Dimensions	335 x 18 x 14mm		
Fixings	BT, FF, BB		
Symbols			
Diagram			

Please note all dimensions are given as mm

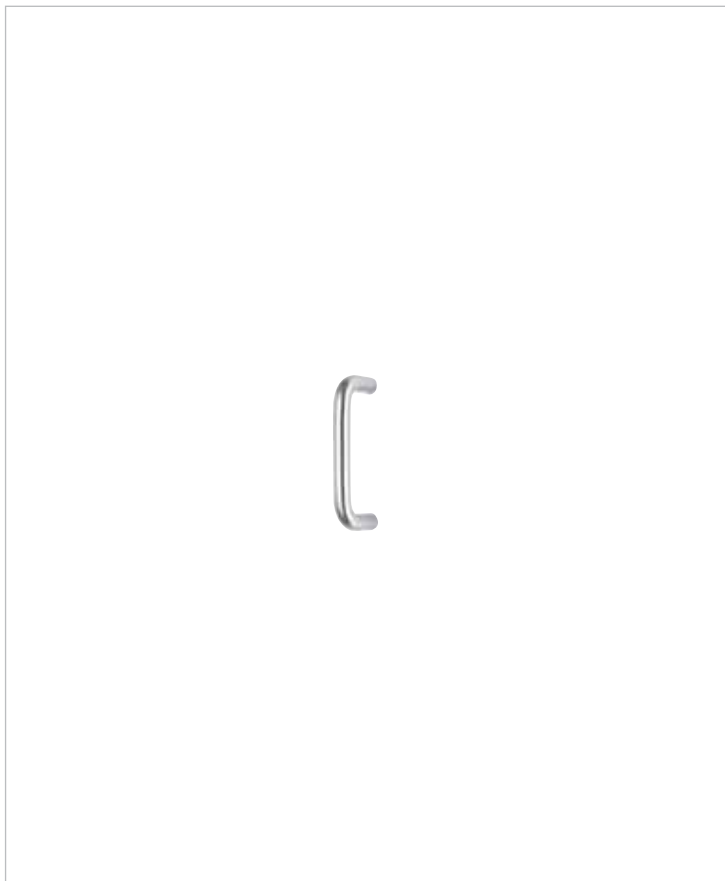








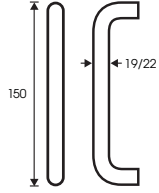
Pull Handle	
Code	PHP428
Description	Solid pull handle
Finishes	SSS
Dimensions	395 x 20 x 25mm
Fixings	BT, FF, BB
Symbols	  
Diagram	









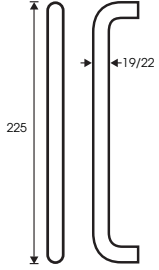
Pull Handle	
Code	PHP429
Description	Solid pull handle
Finishes	SSS
Dimensions	390 x 22mm diameter
Fixings	BT, FF, BB
Symbols	  
Diagram	

Please note all dimensions are given as mm









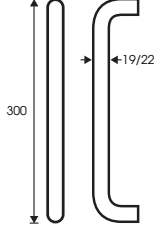
Pull Handle	
Code	PHP450
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	150 x 19/22mm diameter
Fixings	BT, FF
Symbols	   
Diagram	










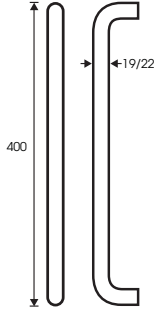
Pull Handle	
Code	PHP451
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	225 x 19/22mm
Fixings	BT, FF
Symbols	   
Diagram	

Please note all dimensions are given as mm



Pull Handle	
Code	PHP452
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	300 x 19/22mm
Fixings	BT, FF
Symbols	   
Diagram	










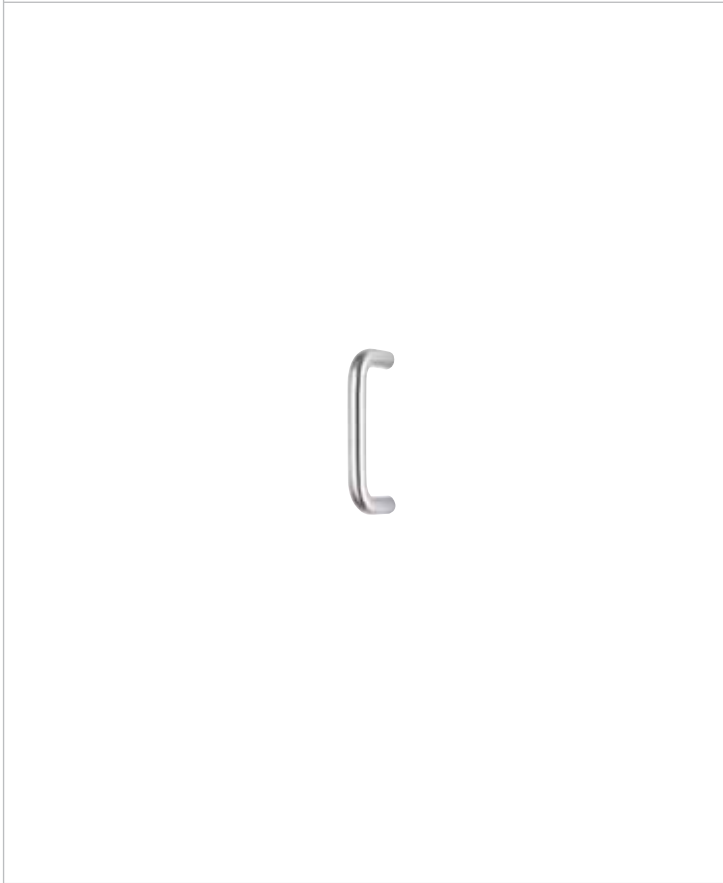
Pull Handle	
Code	PHP453
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	400 x 19/22mm diameter
Fixings	BT, FF
Symbols	    
Diagram	

Please note all dimensions are given as mm









Pull Handle

Code	PHP454
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	600 x 19/22mm diameter
Fixings	BT, FF
Symbols	    
Diagram	







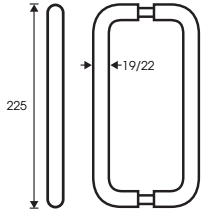


Pull Handle







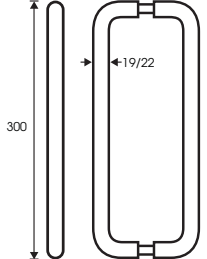
Code	PHP455
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	150 x 19/22mm diameter
Fixings	BB
Symbols	   
Diagram	

Please note all dimensions are given as mm



Pull Handle	
Code	PHP456
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	225 x 19/22mm diameter
Fixings	BB
Symbols	   
Diagram	








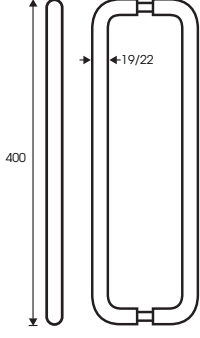


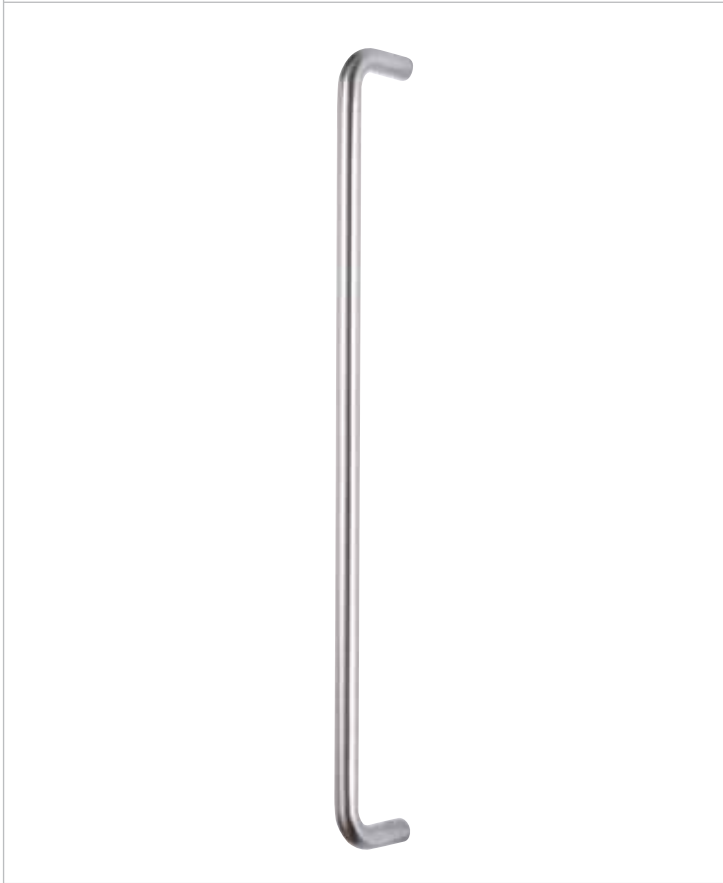
Pull Handle	
Code	PHP457
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	300 x 19/22mm diameter
Fixings	BB
Symbols	   
Diagram	

Please note all dimensions are given as mm








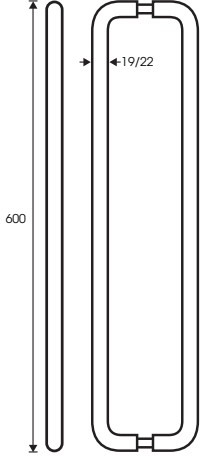


Pull Handle

Code	PHP468
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	400 x 19/22mm diameter
Fixings	BB
Symbols	    
Diagram	



Pull Handle

Code	PHP459
Description	Solid or hollow pull handle
Finishes	 SSS  PSS
Dimensions	600 x 19/22mm diameter
Fixings	BB
Symbols	    
Diagram	

Please note all dimensions are given as mm



Pull Handle	
Code	PHC079
Description	Hollow pull handle
Finishes	SSS PSS
Dimensions	150 x 19/22mm diameter
Fixings	BT, FF, BB
Symbols	
Diagram	



Pull Handle	
Code	PHC081
Description	Hollow pull handle
Finishes	SSS PSS
Dimensions	225 x 19/22mm diameter
Fixings	BT, FF, BB
Symbols	
Diagram	

Please note all dimensions are given as mm



Pull Handle	
Code	PHC083
Description	Hollow pull handle
Finishes	SSS PSS
Dimensions	Available in 300, 450, 600 x 19/22mm diameter
Fixings	BT, FF, BB
Symbols	*
Diagram	

















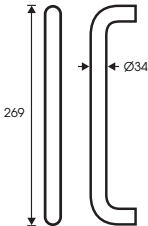


Pull Handle	
Code	PHC135
Description	Solid pull handle
Finishes	SAA
Dimensions	Available in 150, 225, 300 x 19/22mm diameter 450, 600 x 22mm diameter
Fixings	BT, FF, BB
Symbols	*
Diagram	

Please note all dimensions are given as mm
 * On sizes of 400mm and above


















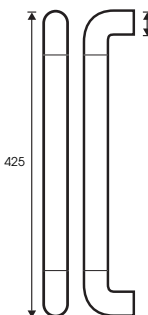


Nylon Pull Handle

Code	PHN001				
Description	Nylon pull handle				
Finishes	 WHT	 MHAN	 DKBL	 DKRD	
	 DKGY	 YEL	 SLBL	 RED	
	 BLK	 GRN	 BLU	 IVO	
Dimensions	269 x 34mm diameter				
Fixings	BT, FF, BB				
Symbols	   				
Diagram					















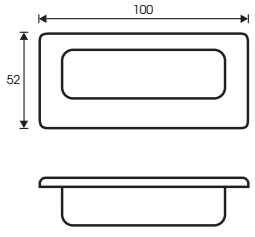
Nylon Pull Handle

Code	PHN002				
Description	Nylon pull handle				
Finishes	 WHT	 MHAN	 DKBL	 DKRD	
	 DKGY	 YEL	 SLBL	 RED	
	 BLK	 GRN	 BLU	 IVO	
Fixings	BT, FF, BB				
Dimensions	425 x 34mm diameter				
Symbols	    				
Diagram					

Please note all dimensions are given as mm



Nylon Flush Pull

Code	MSN007					
Description	Nylon flush pull					
Finishes	 WHT	 MHAN	 DKBL	 DKRD		
	 DKGY	 YEL	 SLBL	 RED		
	 BLK	 GRN	 BLU	 IVO		
Dimensions	100 x 52mm					
Symbols						
Diagram						

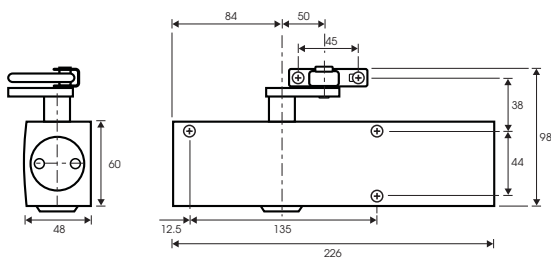
Please note all dimensions are given as mm

			door closers





Closer	
Code	DCP300
Description	TS 2000 closer & arm
Finishes	<input type="checkbox"/> SILV <input type="checkbox"/> SSS <input type="checkbox"/> PSS <input type="checkbox"/> ACC



Please note all dimensions are given as mm

GEZE TS 2000 V

Surface mounted rack and pinion door closer with variable closing force size 2/4/5 according to EN1154

Product features

- With variable closing force, size EN 2/4/5
- Closer body available as only one size as standard
- Closing speed adjustable
- Latching action adjusted via link arm
- Concealed mounting plate

Application range

- For single-action doors up to 1250 mm
- Can be used for right and left hand doors without adjustment
- Standard type of installation: door mount, transom mounting is possible

Standard version/package

Overhead door closer GEZE TS 2000 V complete with screw accessories and fitting template (mounting plate not included); still needed: link arm.

GEZE TS 2000 V with hold-open link arm for an adjustable opening angle between 70° and 150°.

GEZE TS 2000 BV with hydraulic latching action adjustable at front and fixed backcheck.

Specifications

Overhead rack and pinion door closer GEZE TS 2000 V with variable closing force size 2,4 and 5 as per EN 1154, closing speed adjustable, standard type of installation: door mount on hinge side, also available with optional mounting plate.

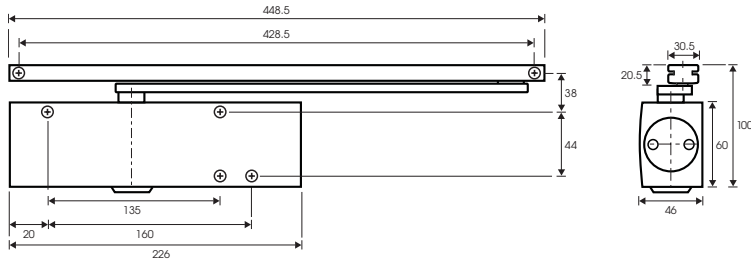
Technology

GEZE door closer with adjustable closing force:

The standards stipulate that the door closer size (closing force of the closer) must be selected appropriate to the door width. The next highest size must be selected if the structural (door height, door weight) or local conditions (wind influence) makes this necessary. The GEZE TS 2000 and variants covers several door closer sizes in one housing. These sizes can be adjusted using an adjustment screw. The adjusted closing force is shown by a closing force indicator.



Closer	
Code	DCX200
Description	TS 3000 closer
Finishes	<input type="checkbox"/> SILV <input type="checkbox"/> SSS <input type="checkbox"/> PSS <input type="checkbox"/> ACC



Please note all dimensions are given as mm

GEZE TS 3000 V

Overhead closer for single-leaf doors.

Product features

- Door closer EN 1154 A with guide rail
- Option: GEZE T-Stop guide rail with integrated opening restrictor
- Adjustable closing force size 1-4
- Hydraulic latching action and thermo-constant closing speed can be adjusted from front

Applications

- For single action doors, leaf width up to 1100 mm
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors (if door mount, a mounting plate is required)

Specification

GEZE Overhead door closer TS 3000 V to be mounted to fire and smoke doors, in accordance with EN 1154 A, size 1-4, with guide rail, adjustable closing force, standard fitting on hinge side/door mount, with mounting plate.

Optional:

() with T-Stop guide rail, with integrated opening restrictor.

Standard version/package

GEZE TS 3000 V closer complete with mounting material and fitting template (mounting plate not included); still needed: guide rail with lever.

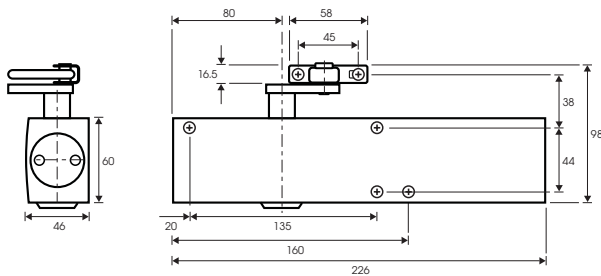
Version

GEZE TS 3000 V with mechanical hold-open (not permitted for use with smoke and fire doors) Installation of the hold-open device in the appropriate guide rail allows infinitely variable door hold-open between 80° and 130°.

The retaining force for the hold-open can be adjusted. The hold-open can therefore be disabled.



Closer	
Code	DCP306
Description	TS 4000 closer & arm
Finishes	<input type="checkbox"/> SILV <input type="checkbox"/> SSS <input type="checkbox"/> PSS <input checked="" type="checkbox"/> ACC



Please note all dimensions are given as mm

GEZE TS 4000 V

Surface mounted rack and pinion door closer.
 EN 1154, closing force size 1 – 6 and size 5 – 7.

Product features

- Closing force size EN 1-6 and size EN 5-7 adjustable
- Closer in only one construction size
- Optical power size indicator
- Backcheck and thermo-constant closing speed adjustable at front
- Latching action adjusted via link arm
- Safety valve in open and close direction

Specifications

Overhead door closer GEZE TS 4000 for mounting on smoke and fire-proof doors, size 1-6 and 5-7 as per EN 1154 A, closing force adjustable at front with size 1-6, closing speed and backcheck adjustable at front, with visual size indicator, standard type of installation: door mount/hinge side, also available with optional mounting plate.

Application range

- For single-action doors,
 - door leaf widths up to 1400mm (size 1-6)
 - door leaf widths up to 1600mm (size 5-7)
- Can be used for right and left hand doors without adjustment
- For smoke and fire-proof doors
- Standard type of installation: door mount, transom mounting is possible

Standard version/package

Overhead door closer GEZE TS 4000 complete with screw accessories and installation template (mounting plate not included); still needed: link arm.

GEZE TS 4000 with hold-open link arm

For an adjustable opening angle up to 150° (not permitted for use on smoke and fire-proof doors).

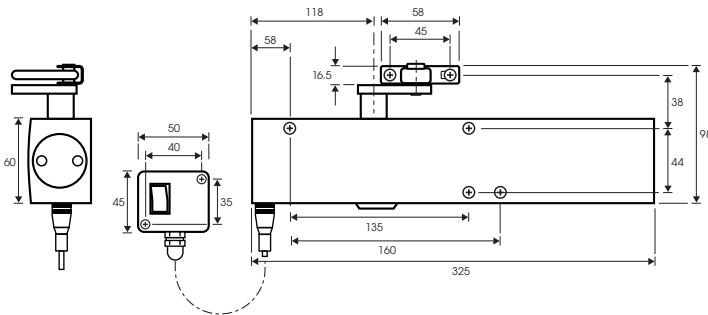
GEZE TS 4000 S

With delayed closing up to 30 sec., adjustable at front (delayed closing is not effective for transom mounting on opposite hinge side).



Closer

Code	DCX001			
Description	TS 5000 closer silver			
Finishes	SILV	SSS	PSS	ACC



Please note all dimensions are given as mm

GEZE TS 5000

Overhead closer for single-leaf doors.

Product features

- Door closer EN 1154 A with guide rail
- Option: GEZE T-Stop guide rail with integrated opening restrictor
- Adjustable closing force size 2-6
- Optical size indicator
- Back check, hydraulic latching action and thermo-constant closing speed adjustable
- All functions adjustable from front

Applications

- For single action doors, leaf width up to 1400mm
- Can be used for right and left hand doors without adjustment
- For smoke and fire doors (if door mount, a mounting plate is usually required)

Standard version/package

GEZE TS 5000 closer complete with mounting material and fitting template (mounting plate not included); still needed: guide rail with lever.

Specification

GEZE Overhead door closer TS 5000 to be mounted to smoke and fire doors, in accordance with EN 1154 A, size 2-6, with guide rail, closing force adjustable at the front, closing speed, latching action and back check, with visual size indicator, standard fitting on door leaf/hinge side, transom mounting on opposite hinge side, with mounting plate.

Version

GEZE TS 5000 with mechanical hold-open (not permitted for use with smoke and fire doors).
 Installation of the hold-open device in the standard guide rail allows infinitely variable door hold-open between 80° and 130°. The retaining force for the hold-open can be adjusted. The hold-open can therefore be disabled.

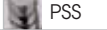
Optional:

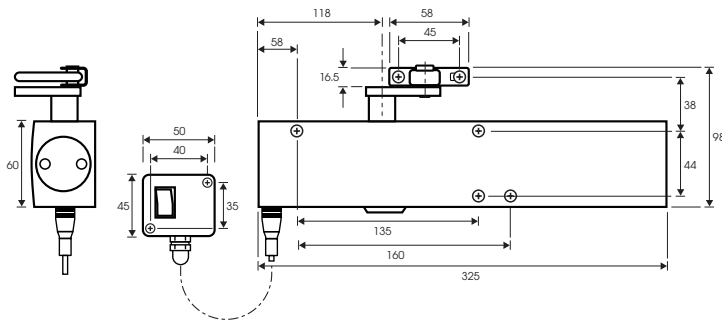
() with T-Stop guide rail, with integrated opening restrictor

Version GEZE TS 5000 S

With delayed closing action, adjustable from front.



Closer	
Code	DCE338
Description	TS 4000E electromagnetic closer
Finishes	 SILV  SSS  PSS  ACC



Please note all dimensions are given as mm

GEZE TS 4000 E

Overhead door closer with electrohydraulic hold-open according to EN 1155, closing force size 1 to 6.

Product features

- Closing force size EN 1-6 adjustable
- Closer in only one construction size
- Optical power size indicator
- Thermo-constant closing speed adjustable at front
- Latching action adjustable via link arm
- Infinitely variable hold-open angle between 80° and 180°
- Operating voltage 24V DC
- Low power consumption approx. 1 Watt
- Same fitting hole pattern as all GEZE TS 4000 closers

Application range

- For single-action doors up to 1400mm
- Can be used for right and left hand doors without adjustment
- For smoke and fire-proof doors
- Standard version/package
- Overhead door closer GEZE TS 4000 E for standard mounting, 24 V DC, complete with mounting material and installation template (mounting plate not included); still needed: link arm GEZE TS 4000 E/transom mounting 24V DC (on smoke and fire-proof doors only permitted if transom mounting has been approved for the respective door in the official approval certificate)

Electrical installation

The GEZE TS 4000 E has to be connected to a 24V DC direct voltage supply to allow the door to be held open.



Function

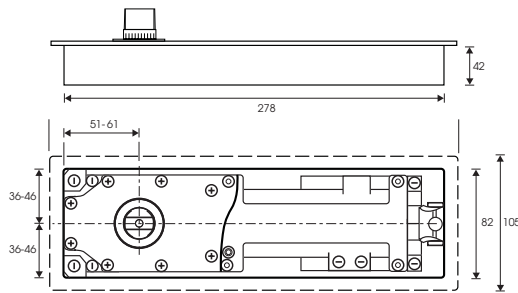
- Voltage applied to closer = door held open
- No voltage applied or switched off = door not held open, door closes automatically
- The door can be closed manually at any time regardless of whether or not voltage is being applied

Electrical data

- Operating voltage 24V DC $\pm 10\%$
- Connected load 45 mA
- Max. permissible residual ripple 20%
- Enclosure rating IP 43 (for interior use only)
- Power supply cable, standard mounting
- The power supply cable can be either surface-mounted or flush-mounted
- Power is supplied from the terminal box to the closer via a cable with a threaded circular connector.
- To prevent the closer, terminal box, and cable from being damaged, the terminal box has to be mounted in the correct position. Contact GEZE for positioning details.
- Power cable supply, transom mounting
- The power supply cable to the closer is flush-mounted.
- The cables are connected to special terminals in the closer



Closer	
Code	DCF350
Description	TS 500 NV
Finishes	 SSS  PSS



Floor Springs GEZE TS 500 NV & GEZE TS 500 N EN3 CCX028

For single and double action doors, 1 – leaf

Product features (GEZE TS 500 NV)

- Overall height 42 mm
- Closing force adjustable size 1-4 according to EN 1154
- Back check
- Closing speed and latching action adjustable
- Safety valve preventing deliberate overloading
- Closing range from approx. 1700
- Large adjustment range:
height 6 mm, lateral 10mm, length 10mm
- Galvanised cement box

Product features (GEZE TS 500 N EN3)

- Overall height 42mm
- Closing force size 3 according to EN 1154
- Back check
- Closing speed adjustable
- Safety valve preventing deliberate overloading
- Closing range from approx. 1700
- Large adjustment range:
height 6 mm, lateral 10mm, length 10mm
- Galvanised cement box

Application range (GEZE TS 500 NV)

- For right and left hand closing single-action doors
- For internal double-action doors
- For leaf width up to 1100mm
- For leaf weights up to 150kg

Application range (GEZE TS 500 N EN3)

- For internal right and left closing single-action doors
- For internal double-action doors
- For leaf width up to 950mm
- For leaf weights up to 100kg

Standard version/Package

Floor spring complete with flat-tapered spindle, cement box and installation instructions. Without hold-open mechanism (cover plate not included).

Special versions

- With hold-open mechanism 85°, 90°, 105° and 120°
- With extended spindle up to 50mm (5 mm selection)

Cover plate

Various cover plates with screw accessories are available for GEZE TS 500 NV and GEZE TS 500 N EN3.

Cover plates can be used for both right and left hand closing single-action doors and for double-action doors.

Pivot lever/Guide rail

For the installation of a floor spring for a single-action door a special pivot lever and door rail with a pivot point of 36mm is required. (see separate brochure GEZE Accessories, ID No. 091608).

Floor Springs GEZE TS 500 NV & GEZE TS 500 N EN3 CCX028

For single and double action doors, 1 – leaf

GEZE TS 500 NV

- Serrated spindle
- Adjustability of closing speed
- Adjustability of closing force
- Adjustability of latching action

Specifications

Floor spring GEZE TS 500 NV

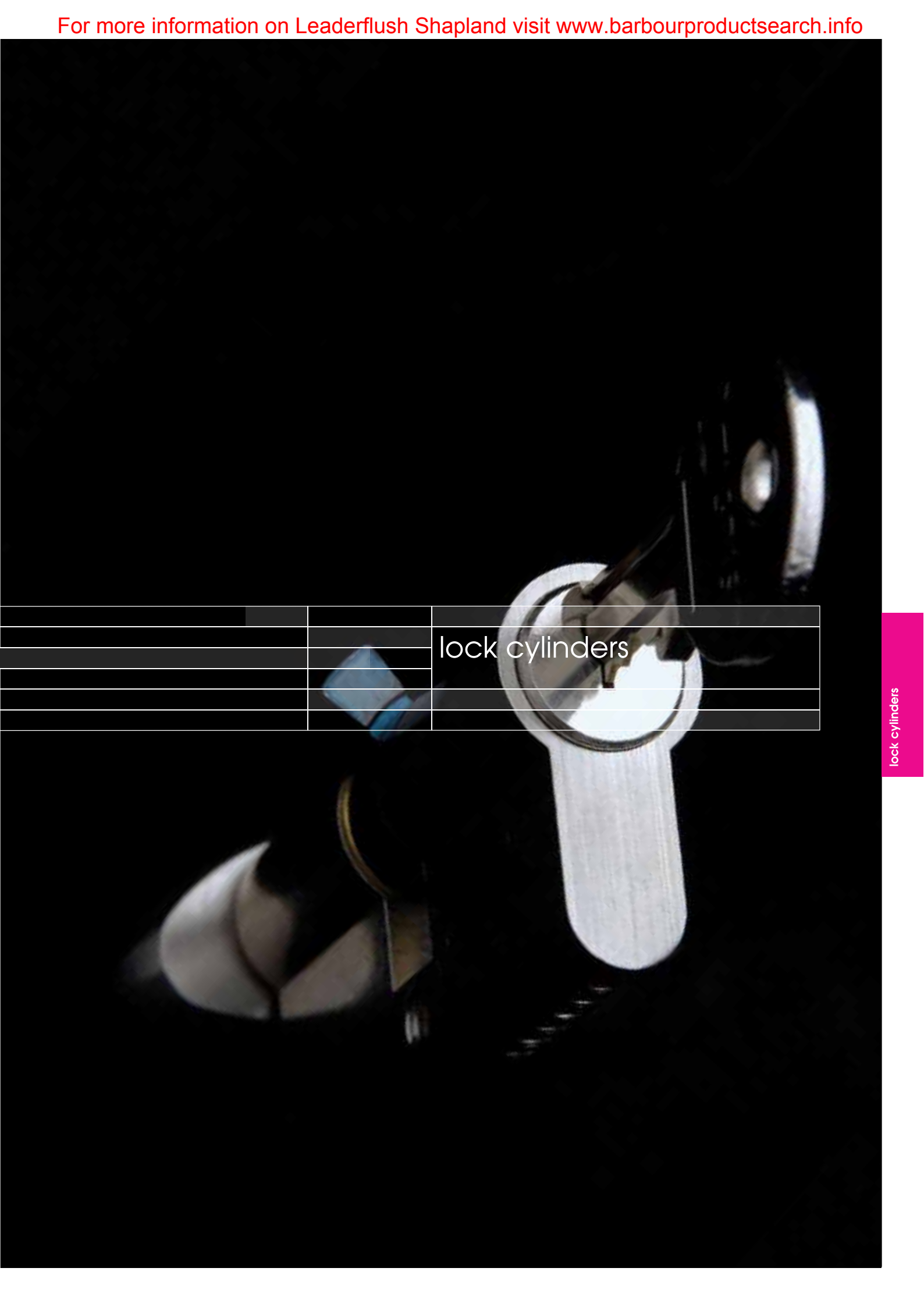
Closing force adjustable size 1-4 acc. to EN 1154, latching action and closing speed adjustable, with fixed back check, overall height 42 mm, for double-action and single-action doors.

- () without hold-open mechanism
- () with hold-open mechanism, hold-open angle 85°
- () with hold-open mechanism, hold-open angle 90°
- () with hold-open mechanism, hold-open angle 105°
- () with hold-open mechanism, hold-open angle 120°

Floor spring GEZE TS 500 N EN3



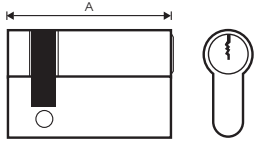
Closing force size 3 acc. to EN 1154, closing speed adjustable, with fixed back check, overall height 42 mm, for internal, double-action and single-action doors.

- () without hold-open mechanism
- () with hold-open mechanism, hold-open angle 85°
- () with hold-open mechanism, hold-open angle 90°
- () with hold-open mechanism, hold-open angle 105°
- () with hold-open mechanism, hold-open angle 120°



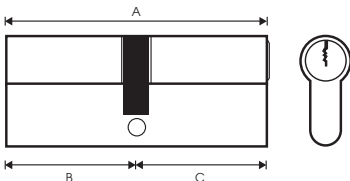


			lock cylinders



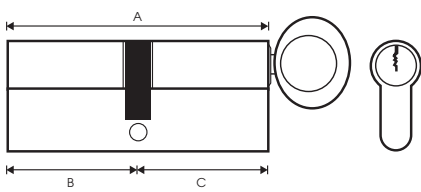


Lock Cylinder	
Code	YSP060
Description	Single cylinder
Finishes	 SNP  PC
Dimensions	Available in 40, 45 & 50mm = A
Variants	Other sizes available upon request
Diagram	






Lock Cylinder	
Code	YDP200
Description	Double cylinder
Finishes	 SNP  PC
Dimensions	Available in 60, 70 & 80mm = A Available in 30, 35 & 40mm = B/C
Variants	Other sizes available upon request
Diagram	





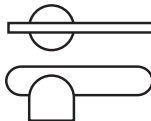
Lock Cylinder	
Code	YEP300
Description	Cylinder & standard turn
Finishes	 SNP  PC
Dimensions	Available in 60, 70 & 80mm = A Available in 30, 35 & 40mm = B/C
Variants	Other sizes available upon request
Diagram	

Please note all dimensions are given as mm



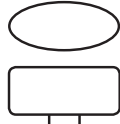


Lock Cylinder Turn	
Code	YEP301
Description	Anti ligature turn
Finishes	 SNP  PC
Dimensions	N/A
Diagram	



Lock Cylinder Turn	
Code	YEP302
Description	DDA turn
Finishes	 SNP  PC
Dimensions	N/A
Diagram	



Lock Cylinder	
Code	YEP303
Description	Oval turn
Finishes	 SNP  PC
Dimensions	N/A
Diagram	

Please note all dimensions are given as mm



Lock Cylinder Turn								
Code	YEP304							
Description	Nylon turn							
Finishes	<input checked="" type="checkbox"/>	WHT	<input type="checkbox"/>	MHAN	<input type="checkbox"/>	DKBL	<input type="checkbox"/>	DKRD
	<input type="checkbox"/>	DKGY	<input type="checkbox"/>	YEL	<input type="checkbox"/>	SLBL	<input type="checkbox"/>	RED
	<input type="checkbox"/>	BLK	<input type="checkbox"/>	GRN	<input type="checkbox"/>	BLU	<input type="checkbox"/>	IVO
Dimensions	N/A							
Diagram								



Lock Cylinder Turn				
Code	YEP305			
Description	Elliptical turn			
Finishes	<input checked="" type="checkbox"/>	SNP	<input type="checkbox"/>	PC
Dimensions	N/A			
Diagram				

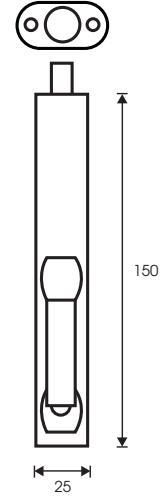
Please note all dimensions are given as mm



Flush Bolt

Code	FBS010/FBS020
Description	16mm semi automatic throw/retraction
Finishes	SSS
Dimensions	150 and 200mm

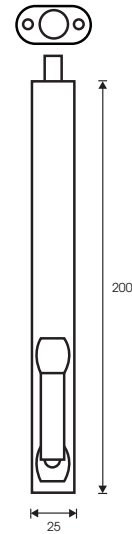
Diagram



Flush Bolt

Code	FBS030/FBS040
Description	16mm semi automatic throw/retraction
Finishes	SAA
Dimensions	150 and 200mm

Diagram



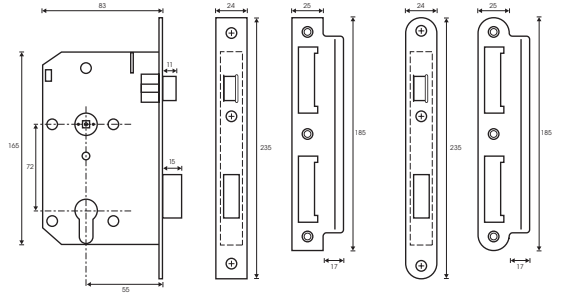
Please note all dimensions are given as mm



Escape Lock

Code	LES010
Description	Escape Lock
Finishes	SSS
Dimensions	165 x 83mm

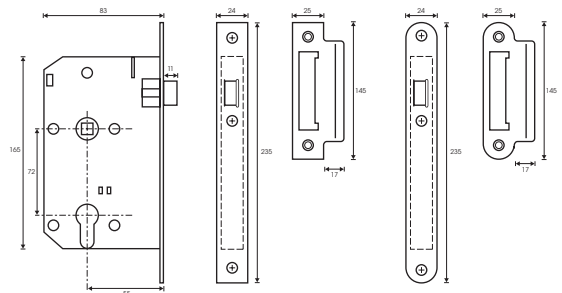
Diagram



Mortice Latch

Code	LML050
Description	Mortice Latch
Finishes	SSS
Dimensions	165 x 83mm

Diagram

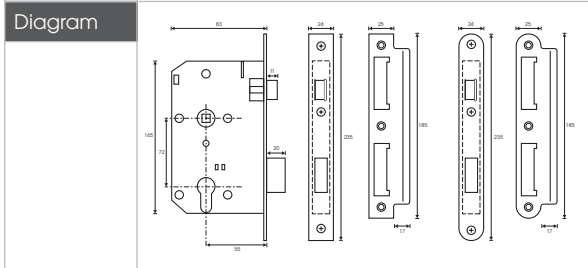


Please note all dimensions are given as mm



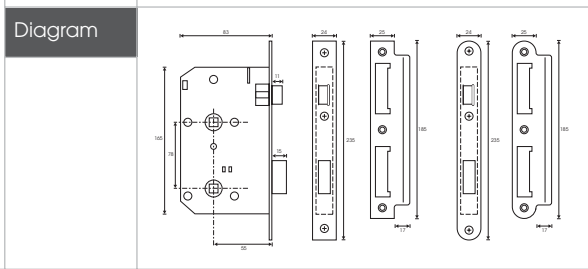
Sash Lock

Code	LSL020
Description	Sash Lock
Finishes	SSS
Dimensions	165 x 83mm



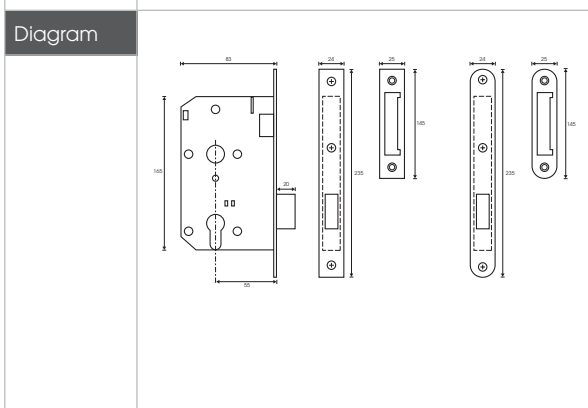
Bathroom Lock

Code	LBL030
Description	Bathroom Lock
Finishes	SSS
Dimensions	165 x 83mm



Deadlock

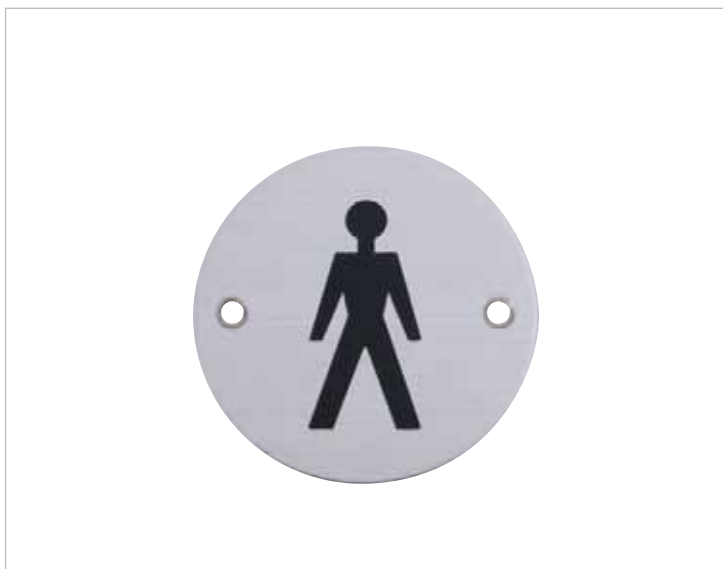
Code	LDL040
Description	Deadlock
Finishes	SSS
Dimensions	165 x 83mm



Please note all dimensions are given as mm



accessories



Sign	
Code	PIP210
Description	Pictogram solid screened Male
Finishes	SAA ACC PSS SSS
Dimensions	76mm
Diagram	



Sign	
Code	PIP211
Description	Pictogram solid screened Female
Finishes	SAA ACC PSS SSS
Dimensions	76mm
Diagram	



Sign	
Code	PIP212
Description	Pictogram solid screened Disabled
Finishes	SAA ACC PSS SSS
Dimensions	76mm
Diagram	

Please note all dimensions are given as mm



Sign	
Code	SIP038
Description	Fire Door Keep Shut
Finishes	SAA SSS PSS White letters Blue background
Dimensions	76mm
Variations	Fire Door Keep Locked Automatic Fire Door Keep Clear
Diagram	



Sign																									
Code	PIN001																								
Description	Disabled pictogram																								
Finishes	<table border="0"> <tr> <td></td> <td>WHT</td> <td></td> <td>MHAN</td> <td></td> <td>DKBL</td> <td></td> <td>DKRD</td> </tr> <tr> <td></td> <td>DKGY</td> <td></td> <td>YEL</td> <td></td> <td>SLBL</td> <td></td> <td>RED</td> </tr> <tr> <td></td> <td>BLK</td> <td></td> <td>GRN</td> <td></td> <td>BLU</td> <td></td> <td>IVO</td> </tr> </table>		WHT		MHAN		DKBL		DKRD		DKGY		YEL		SLBL		RED		BLK		GRN		BLU		IVO
	WHT		MHAN		DKBL		DKRD																		
	DKGY		YEL		SLBL		RED																		
	BLK		GRN		BLU		IVO																		
Dimensions	130 x 113mm																								
Variations	Male, Female pictogram																								
Diagram																									



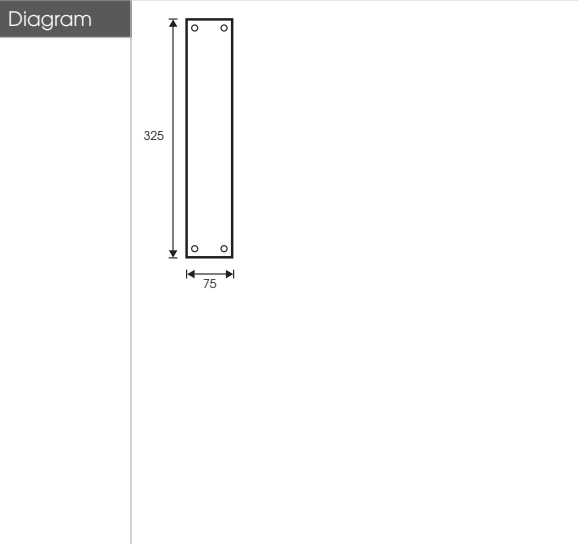
Sign																									
Code	MSN006																								
Description	Numerals																								
Finishes	<table border="0"> <tr> <td></td> <td>WHT</td> <td></td> <td>MHAN</td> <td></td> <td>DKBL</td> <td></td> <td>DKRD</td> </tr> <tr> <td></td> <td>DKGY</td> <td></td> <td>YEL</td> <td></td> <td>SLBL</td> <td></td> <td>RED</td> </tr> <tr> <td></td> <td>BLK</td> <td></td> <td>GRN</td> <td></td> <td>BLU</td> <td></td> <td>IVO</td> </tr> </table>		WHT		MHAN		DKBL		DKRD		DKGY		YEL		SLBL		RED		BLK		GRN		BLU		IVO
	WHT		MHAN		DKBL		DKRD																		
	DKGY		YEL		SLBL		RED																		
	BLK		GRN		BLU		IVO																		
Dimensions	180mm																								
Diagram																									

Please note all dimensions are given as mm

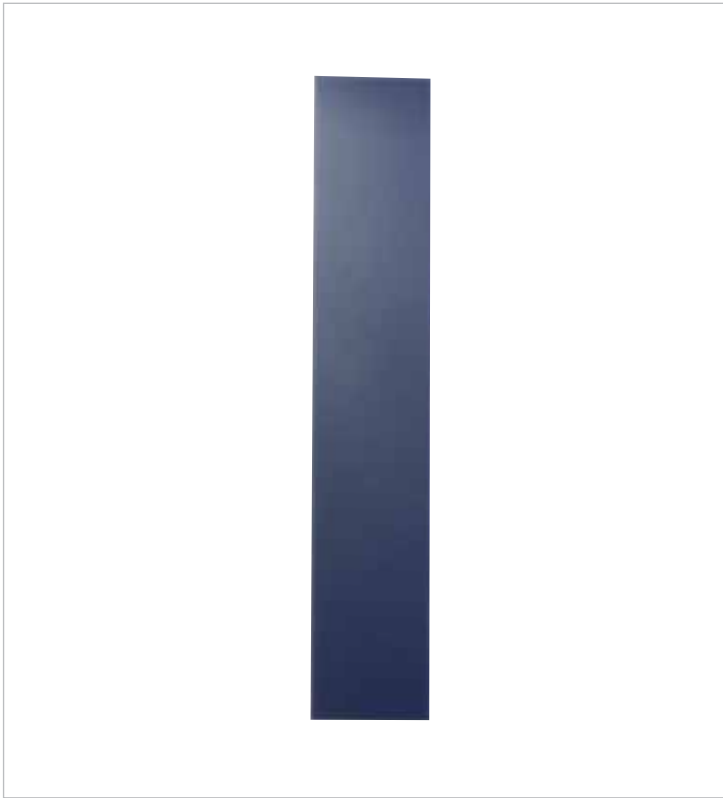


Push Plate

Code	FPP300
Description	Push Plate
Finishes	SSS
Dimensions	325 x 75mm



Please note all dimensions are given as mm



Push Plate								
Code	FPN001							
Description	Push Plate							
Finishes	<input checked="" type="checkbox"/>	WHT	<input type="checkbox"/>	MHAN	<input type="checkbox"/>	DKBL	<input type="checkbox"/>	DKRD
	<input type="checkbox"/>	DKGY	<input type="checkbox"/>	YEL	<input type="checkbox"/>	SLBL	<input type="checkbox"/>	RED
	<input type="checkbox"/>	BLK	<input type="checkbox"/>	GRN	<input type="checkbox"/>	BLU	<input type="checkbox"/>	IVO
Dimensions	300/375/450/500 x 75mm							
Diagram								

Please note all dimensions are given as mm



Escutcheon	
Code	TRP120
Description	Standard T/Turn & E Release
Finishes	SSS PSS
Dimensions	52 x 4mm
Diagram	



Escutcheon	
Code	TRP122
Description	Disabled T/Turn & E Release
Finishes	SSS PSS
Dimensions	52 x 4mm
Diagram	



Escutcheon	
Code	ESP075
Description	Euro Profile Concealed Fixing Escutcheon
Finishes	SSS PSS
Dimensions	52 x 4mm
Diagram	

Please note all dimensions are given as mm



Escutcheon	
Code	ESP076
Description	Blank Escutcheon
Finishes	SSS PSS
Dimensions	52 x 4mm
Diagram	






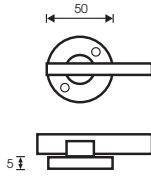
Escutcheon	
Code	TRP125
Description	Large Emergency Turn
Finishes	SAA PAA ACC
Dimensions	52 x 4mm
Diagram	







Escutcheon	
Code	TRP126
Description	Disabled Bar Turn
Finishes	SAA PAA ACC
Dimensions	50 x 5mm
Diagram	

Please note all dimensions are given as mm







Escutcheon	
Code	TRP127
Description	Disabled Large Snib Turn
Finishes	 SAA  PAA  ACC
Dimensions	50 x 5mm
Diagram	



Escutcheon	
Code	TRP128
Description	Standard T/Turn
Finishes	 SAA  PAA  ACC
Dimensions	50 x 5mm
Diagram	



Escutcheon	
Code	TRP129
Description	Emergency Release
Finishes	 SAA  PAA  ACC
Dimensions	50 x 5mm
Diagram	

Please note all dimensions are given as mm



Escutcheon	
Code	TRP130
Description	Standard T/Turn & Emergency Release
Finishes	SAA PAA ACC
Dimensions	50 x 5mm
Diagram	



Escutcheon	
Code	TRP131
Description	Disabled Emergency Turn
Finishes	SAA PAA ACC
Dimensions	75 x 19mm
Diagram	



Escutcheon	
Code	ESP078
Description	Euro Profile Concealed Fixing Escutcheon
Finishes	SAA PAA ACC
Dimensions	50 x 5mm
Diagram	

Please note all dimensions are given as mm



Escutcheon	
Code	ESP077
Description	Euro Profile Concealed Fixing Escutcheon
Finishes	SSS
Dimensions	50 x 10mm
Diagram	

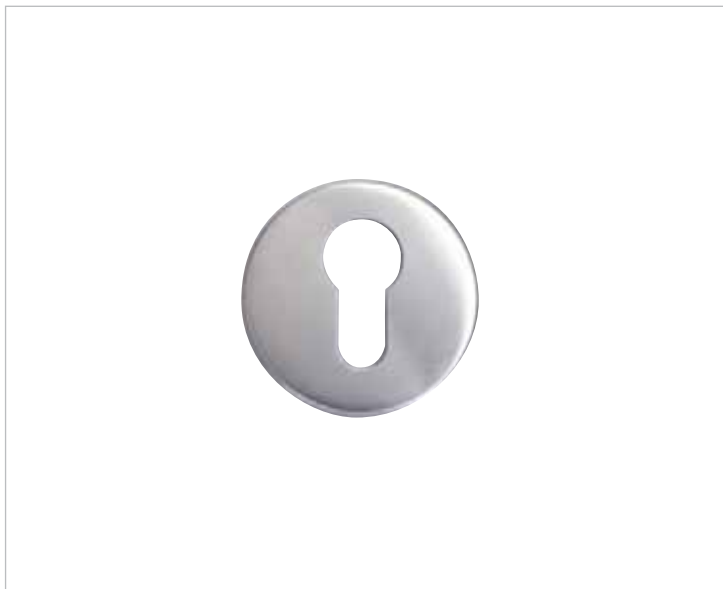


Escutcheon	
Code	TRP123
Description	Disabled T/Turn & E Release
Finishes	SSS
Dimensions	52 x 10mm
Diagram	



Escutcheon	
Code	TRP124
Description	Standard T/Turn & E Release
Finishes	SSS
Dimensions	52 x 10mm
Diagram	

Please note all dimensions are given as mm



Escutcheon	
Code	ESC001
Description	Euro Profile Concealed Fixing Escutcheon
Finishes	SSS PSS
Dimensions	50 x 8mm
Diagram	

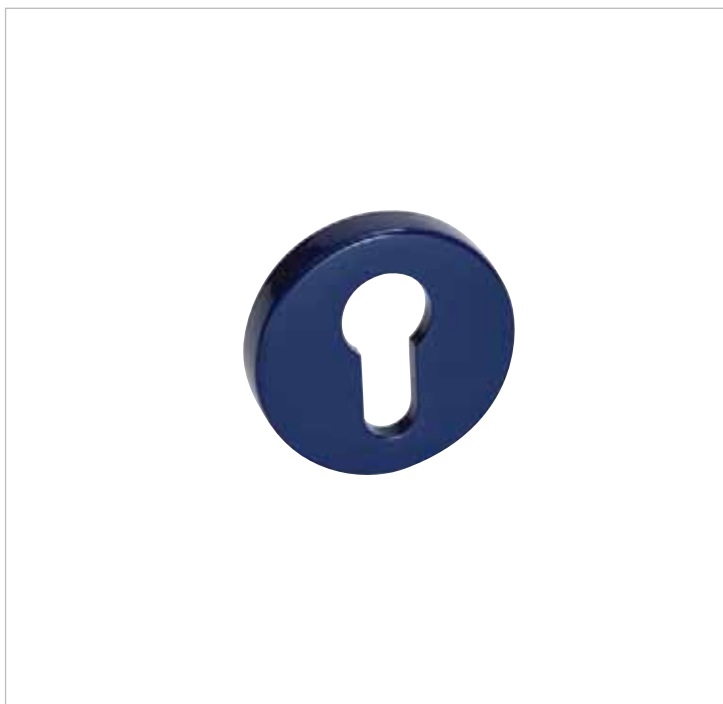















Escutcheon	
Code	TRC001
Description	Disabled T/Turn & E Release
Finishes	SSS PSS
Dimensions	50 x 8mm
Diagram	



Escutcheon	
Code	TRC004
Description	Standard T/Turn & E Release
Finishes	SSS PSS
Dimensions	50 x 8mm
Diagram	

Please note all dimensions are given as mm



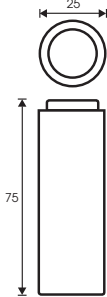


Nylon Escutcheon						
Code	ESN001					
Description	Euro Profile Concealed Fixing Escutcheon					
Finishes	 WHT	 MHAN	 DKBL	 DKRD		
	 DKGY	 YEL	 SLBL	 RED		
	 BLK	 GRN	 BLU	 IVO		
Dimensions	52 x 9mm					
Diagram						

Please note all dimensions are given as mm



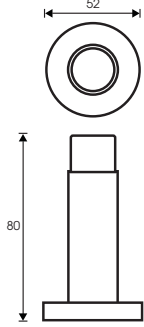


Doorstop

Code	DSP006
Description	Pedestal doorstop with secret fix
Finishes	 SSS  PSS
Dimensions	75 x 25mm
Diagram	






Doorstop

Code	DSP005
Description	Pedestal doorstop with concealed fix
Finishes	 SSS  PSS
Dimensions	80 x 52mm
Diagram	



Doorstop

Code	DSP010
Description	Floor doorstop
Finishes	 SAA  PAA
Dimensions	38 x 40mm
Diagram	

Please note all dimensions are given as mm



Doorstop	
Code	DSP011
Description	Floor doorstop
Finishes	SAA PAA
Dimensions	N/A
Diagram	



Doorstop	
Code	DSP007
Description	Floor doorstop
Finishes	SSS
Dimensions	50 x 35mm
Diagram	



Doorstop	
Code	DSP008
Description	Floor doorstop
Finishes	SSS
Dimensions	30 x 45mm
Diagram	

Please note all dimensions are given as mm



Doorstop	
Code	DSC102
Description	Pedestal doorstop with concealed fix
Finishes	SSS PSS
Dimensions	75 x 52mm
Diagram	



Doorstop	
Code	DSC100
Description	Floor doorstop
Finishes	SSS PSS
Dimensions	N/A
Diagram	



Doorstop	
Code	DSC101
Description	Oval shape doorstop
Finishes	SSS PSS SAA PAA ACC
Dimensions	N/A
Diagram	

Please note all dimensions are given as mm



Nylon Doorstop

Code	DSN003					
Description	Floor doorstop					
Finishes	<input checked="" type="checkbox"/> WHT	<input type="checkbox"/> MHAN	<input type="checkbox"/> DKBL	<input type="checkbox"/> DKRD		
	<input type="checkbox"/> DKGY	<input type="checkbox"/> YEL	<input type="checkbox"/> SLBL	<input type="checkbox"/> RED		
	<input type="checkbox"/> BLK	<input type="checkbox"/> GRN	<input type="checkbox"/> BLU	<input type="checkbox"/> IVO		
Dimensions	52 x 40mm					
Diagram						



Nylon Doorstop

Code	DSN001					
Description	Floor doorstop					
Finishes	<input checked="" type="checkbox"/> WHT	<input type="checkbox"/> MHAN	<input type="checkbox"/> DKBL	<input type="checkbox"/> DKRD		
	<input type="checkbox"/> DKGY	<input type="checkbox"/> YEL	<input type="checkbox"/> SLBL	<input type="checkbox"/> RED		
	<input type="checkbox"/> BLK	<input type="checkbox"/> GRN	<input type="checkbox"/> BLU	<input type="checkbox"/> IVO		
Dimensions	40 x 38mm					
Diagram						















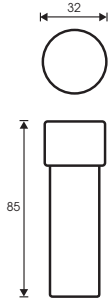
Nylon Doorstop

Code	DSN002					
Description	Floor doorstop					
Finishes	<input checked="" type="checkbox"/> WHT	<input type="checkbox"/> MHAN	<input type="checkbox"/> DKBL	<input type="checkbox"/> DKRD		
	<input type="checkbox"/> DKGY	<input type="checkbox"/> YEL	<input type="checkbox"/> SLBL	<input type="checkbox"/> RED		
	<input type="checkbox"/> BLK	<input type="checkbox"/> GRN	<input type="checkbox"/> BLU	<input type="checkbox"/> IVO		
Dimensions	40 mm x 52mm					
Diagram						

Please note all dimensions are given as mm



Nylon Doorstop

Code	DSN004					
Description	Pedestal doorstop					
Finishes	 WHT	 MHAN	 DKBL	 DKRD		
	 DKGY	 YEL	 SLBL	 RED		
	 BLK	 GRN	 BLU	 IVO		
Dimensions	85 x 32mm					
Diagram						

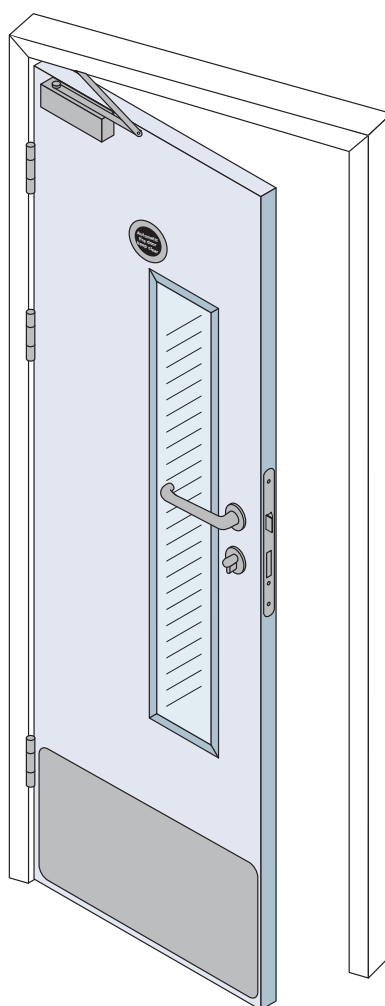
Please note all dimensions are given as mm



		doorset packs

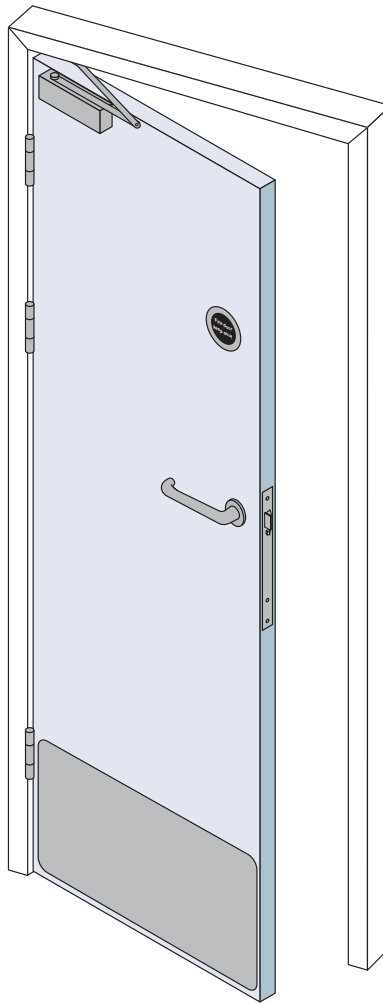
Doorset Pack

Type	A1
Description	Classroom Locking Fire Door
Spec	1 No TS 4000S Door Closer Silver
	2 No Kick Plates radius corner 300mm High
	1 No Din Standard Sashlock Case
	1 No Cylinder and Classroom Turn Satin Stainless Steel
	2 No 'Fire Door Keep Shut' signs 76mm discs
	1 Pr Round Rose Levers
	2 No Escutcheons
	1 No Doorstop



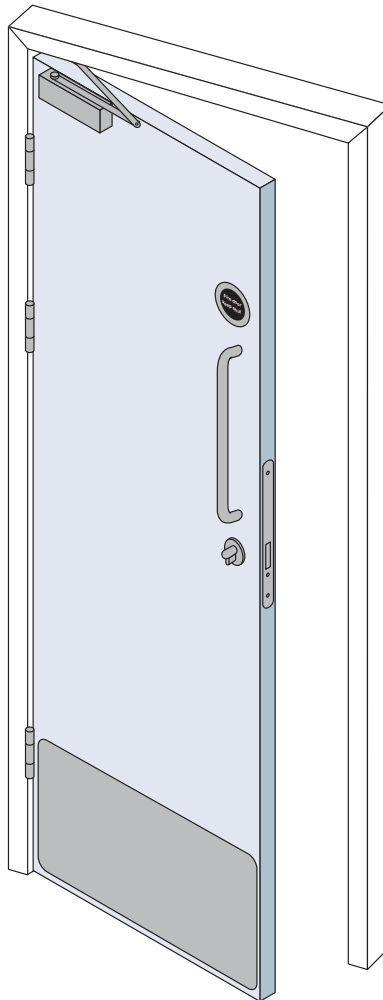
Doorset Pack

Type	A2
Description	Non-Locking Office Door Fire Rated
Spec	1 No Door Closers TS 4000S
	2 No Kick Plates Radius Corner 300mm High
	1 Pr Latch Levers on Concealed Rose
	2 No 'Fire Door Keep Shut' Signs 76mm Discs
	1 No Din Standard Mortice Latch



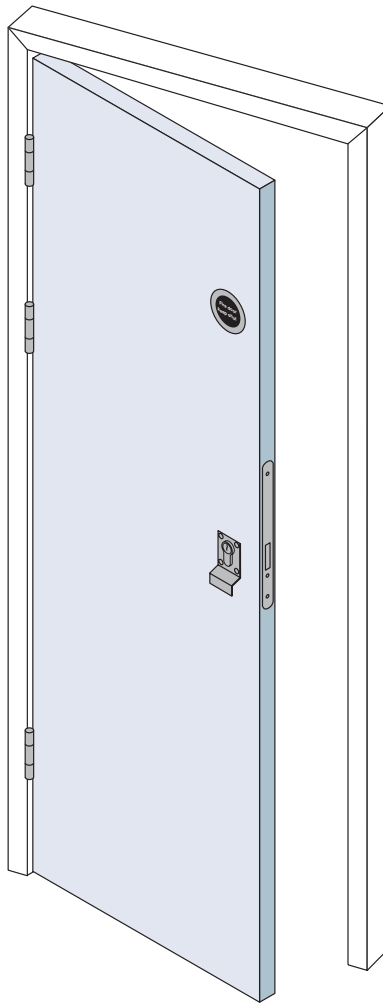
Doorset Pack

Type	A3
Description	Common Room Locking Office Door Library
Spec	1 No Door Closers TS 4000S 2 No Kick Plates Radius Corner 300mm High 1 No Pull Handles 425 x 22mm Bolt Fix 1 No Push Plates 600 x 100mm Radius Corner DRD CSK Softened Edges Satin Stainless Steel 1 No Deadlock Case Din Standard 1 No Cylinder Turn Euro Profile UMK 2 Keyed SNP 2 No Euro Profile Escutcheons 2 No 'Fire Door Keep Shut' Signs 76mm Discs



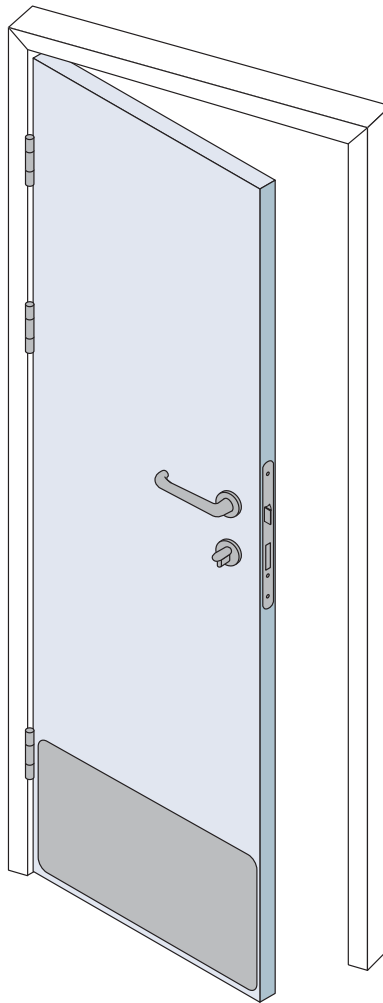
Doorset Pack

Type	A4
Description	Riser
Spec	1 No Euro Profile Cylinder Pull
	1 No Cylinder UMK 2 Keyed
	1 No 'Fire Door Keep Locked' Signs 76mm
	1 No Din Standard Mortice Euro Deadlock Case



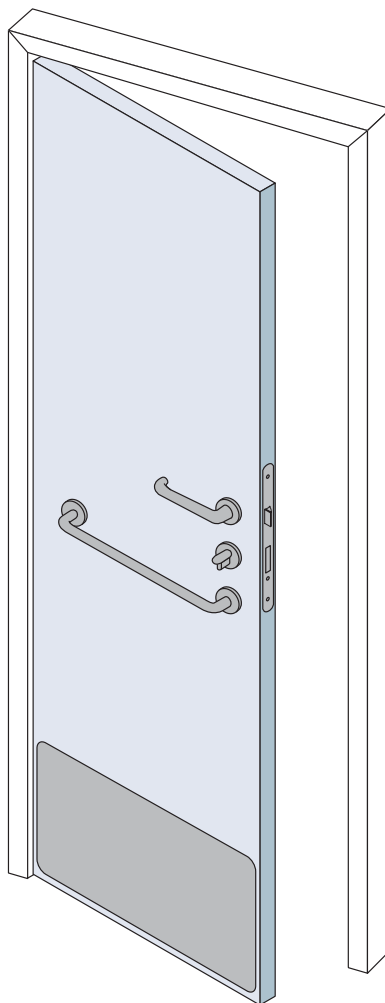
Doorset Pack

Type	A5
Description	Bathroom
Spec	2 No Kick Plates Radius Corner 300mm High
	1 Pr Latch Levers on Concealed Rose
	1 No Din Standard Bathroom Lock Case
	1 No Standard Turn and Release
	1 No Pictogram



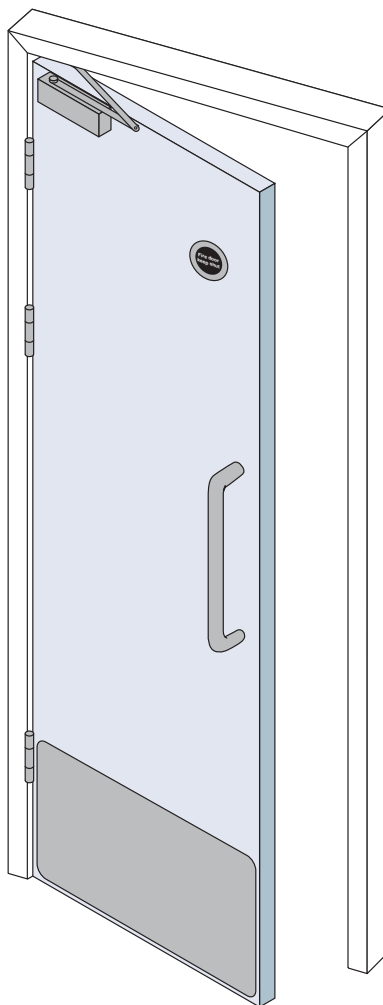
Doorset Pack

Type	A6
Description	Disabled Bathroom D/A
Spec	2 No Kick Plates Radius Corner 300mm High
	1 Pr Latch Levers on Concealed Rose
	1 No Bathroom Lock Case Din Standard
	1 No Disabled Turn and Release Set
	1 No Pictogram
	1 No Pivot Set
	1 No Emergency Release Set
	1 No 600mm Horizontal Pull Handle



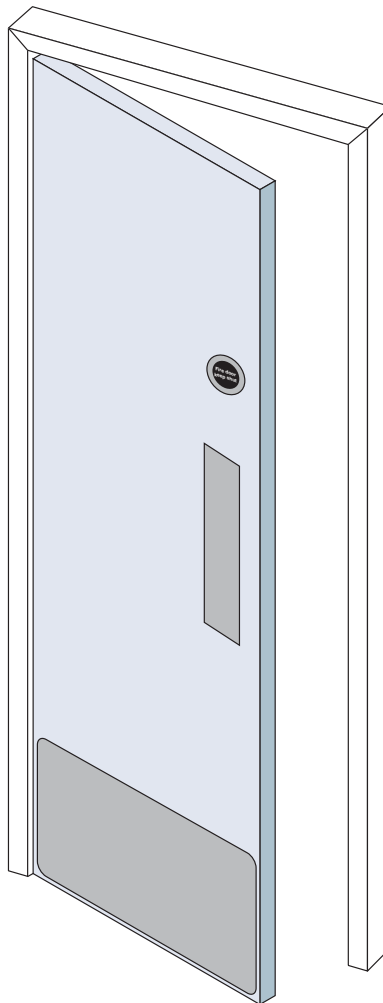
Doorset Pack

Type	A7
Description	Lobby Door Toilet Entrance Door
Spec	1 No Door Closers TS 4000S 2 No Kick Plates Radius Corner 300mm High 1 No Pull Handles 425 x 22mm Bolt Fix 1 No Push Plates 600 x 100mm Radius Corner DRD CSK Softened Edges 2 No 'Fire Door Keep Shut' Discs 76mm 1 No Doorstop



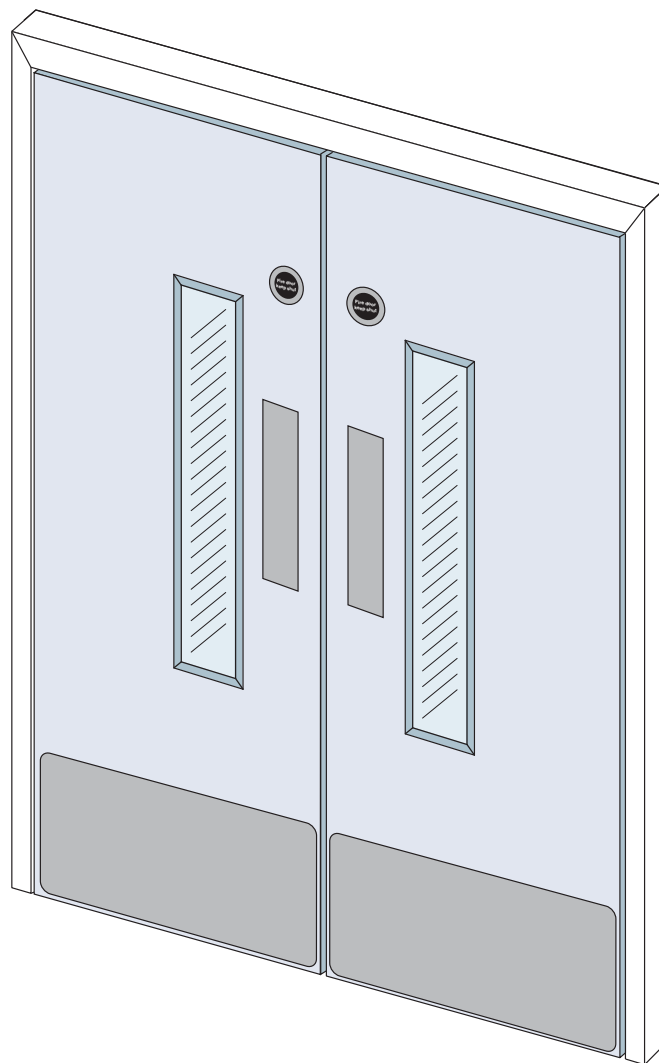
Doorset Pack

Type	A8
Description	Kitchen Double Action Door
Spec	1 No Double Action Floor Spring
	2 No Kick Plates Radius Corner 600mm High
	2 No Push Plates 600 x 100mm Radius Corner DRD CSK Softened Edges
	2 No 'Fire Door Keep Shut' Signs 76mm Discs
	1 No Accessory Set for Double Action Floor Spring



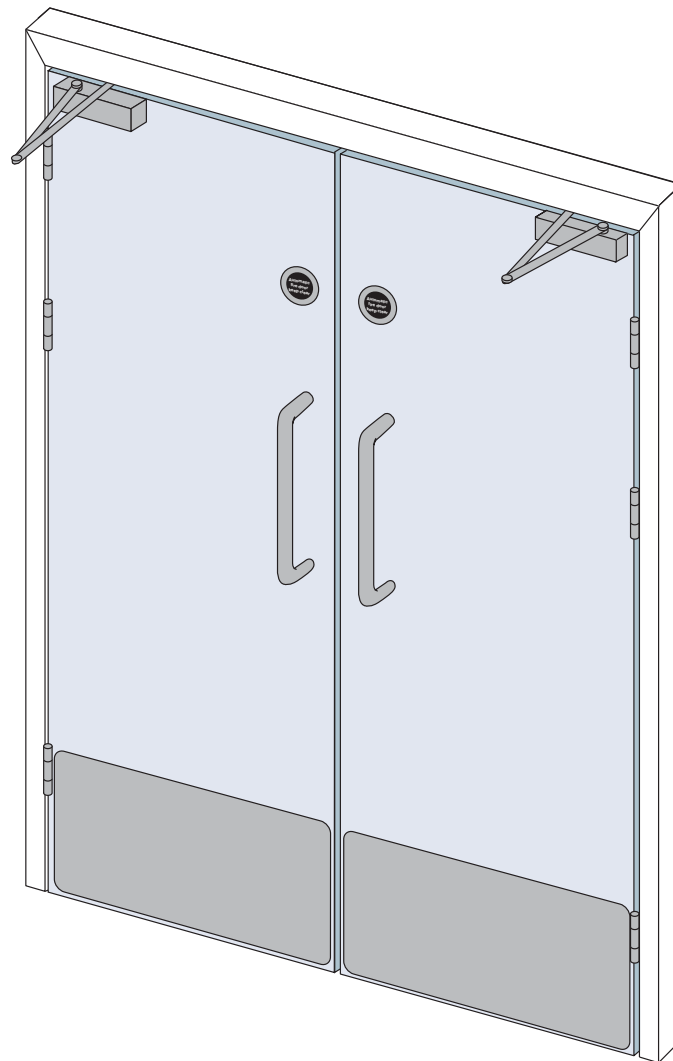
Doorset Pack

Type	B1
Description	Corridor Double Action
Spec	2 No Double Action Door Concealed Electro Magnetic Hold Open Transom Closers
	4 No Kick Plates radius corner 300mm high
	4 No Push Plates 600 x 100mm radius corner DRD CSK
	4 No automatic 'Fire Door Keep Clear' signs 76mm discs
	4 No Doorstops
	2 No Pivot Sets



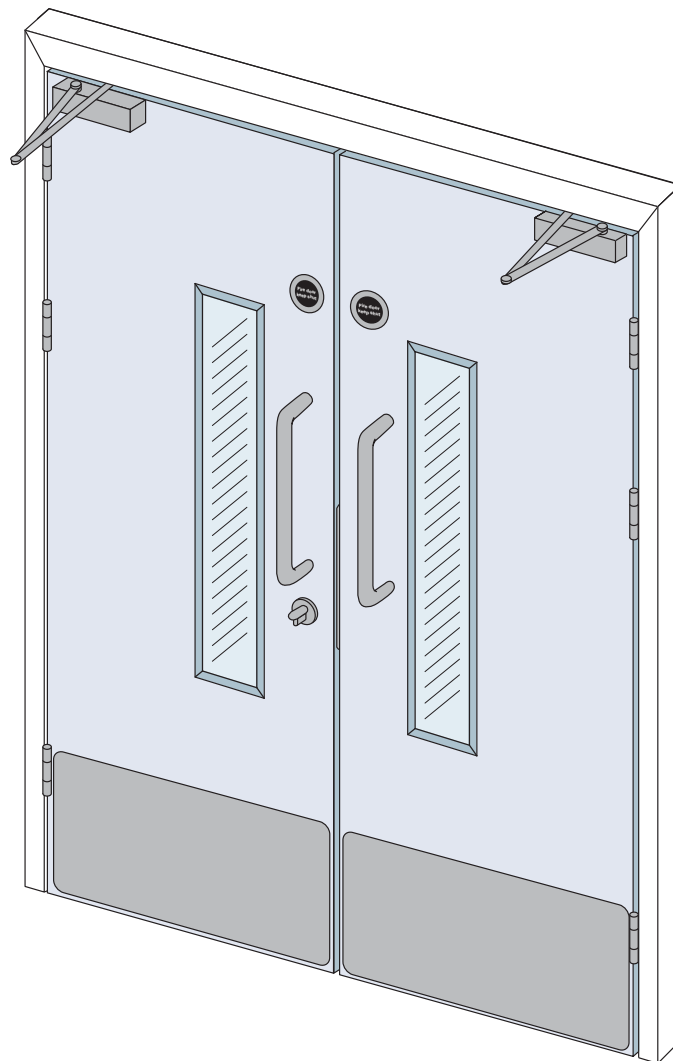
Doorset Pack

Type	B2
Description	Corridor Hold Open
Spec	2 No Single Action Door Closer Electro Hold Open
	4 No Kick Plates Radius Corner 300mm High
	2 No Pull Handles 425 x 22mm Bolt Fix
	2 No Push Plates 600 x 100mm Radius Corner DRD CSK Softened Edges
	4 No Automatic 'Fire Door Keep Clear' Signs 76mm Discs
	2 No Doorstops



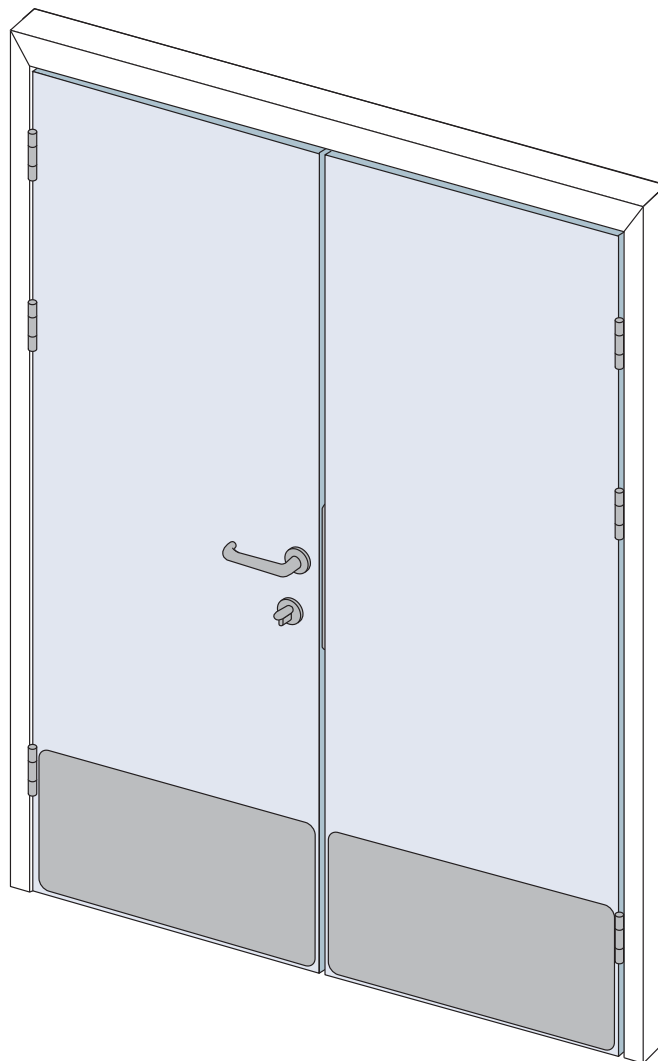
Doorset Pack

Type	B3
Description	School Hall Dining Room/Canteen
Spec	2 No Euro Escutcheons 1 No Cylinder & Turn 1 No Deadlock Case European 4 No Kick Plates Radius Corner 600mm High 2 No Pull Handles 425 x 22mm Bolt Fix 2 No Push Plates 600 x 100mm Radius Corner DRD CSK 2 No Flush Bolts 200 x 19mm Radius 1 No Easy Clean Socket 4 No 'Fire Door Keep Shut' Discs 76mm 2 No TS 4000S Door Closers



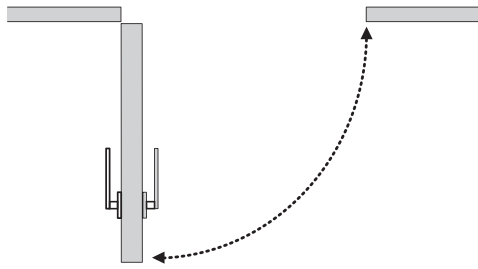
Doorset Pack

Type	B4
Description	Treatment Room
Spec	1 set Round Rose Lever Furniture Concealed Fix
	2 No Flush Bolts 200 x 19mm Radius
	1 No Easy Clean Socket
	4 No Kick Plates Radius Corner 300mm High
	1 No Sashlock Case Euro Profile Din Standard
	2 No Escutcheons 50 x 50mm
	1 No Cylinder and Turn SNP 70mm UMK New Suite 2 Keys

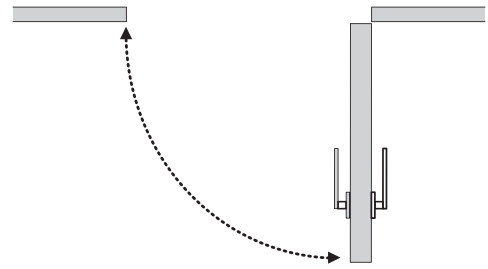


handings

As a door manufacture our standard door handings follow the diagrams as set out below.

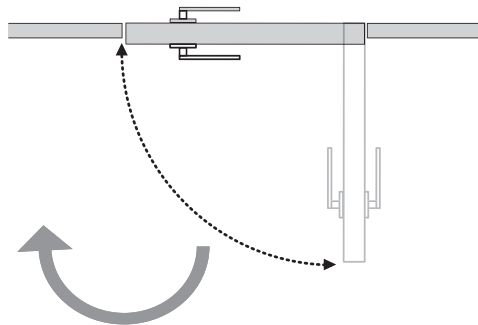


Single action L/H door swing

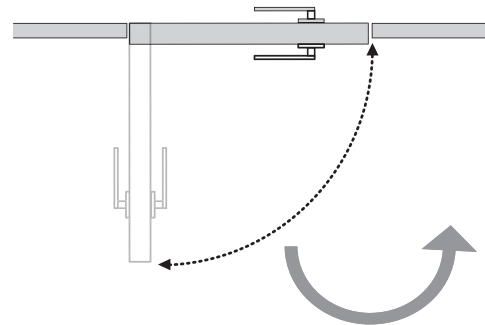


Single action R/H door swing

However, the International Standards Organisation (ISO) devised a method of handing which has been adopted by the Guild of Architectural Ironmongery (GAI). To maintain consistency amongst ironmongers when specifying ironmongery only, Leaderflush Shapland will follow this method which is based on the direction of the closing door. This is either clockwise closing, or anti-clockwise closing, as shown in the diagram below.

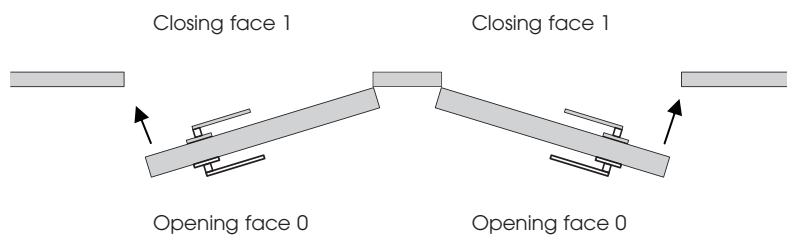


Clockwise



Anti-clockwise

It is sometimes necessary to describe in the ironmongery schedule which face of the door an item of hardware should be fitted to. This can also be done with the ISO handing method. The opening face is designated '0' and the face which closes into the frame is designated '1', refer to diagram below.



accessibility

Within the Leaderflush Shapland range of architectural hardware there is a range of lever handles that comply with BS 8300 and AD M which is denoted by an accessibility icon. See introduction for legend. Any product showing this icon adheres to the guidelines which are summarised as follows:

- Levers are the preferred handle style as opposed to knobs as they are easier for the user to grip and do not require a twist of the wrist.
- A minimum distance of 45mm is required between the back of the lever and the front of the door.
- To prevent clothes snagging levers should return to door.
- The door furniture and face should contrast visually.
- The stated diameter of the furniture is 19mm, however there is general acceptance that a thicker section, for example 22mm, is preferred.
- Nylon door furniture is favourable due to its warmth to touch.
- With the use of self-closing doors or with heavy handed use we would advise the use of bolt through fixings and secured spindles.
- From the finished floor level the maximum fixed height should be 1100mm.

opening forces

By utilising factory assembled doorsets with engineered tolerances and through the use of efficient adjustable closers and low friction hinges every attempt has been made to minimize the opening force, where self closing is a requirement.

On occasion there may be situations where due to project specification the opening force of 30N specified in BS 8300 and AD M is unlikely to be achieved. This may occur where there is a requirement for smoke or acoustic seals or where air pressure differentials increase resistance.

One potential solution would be to utilise an electro hold open device. Electro hold open devices are powered by 24V DC power supplies and will hold the door open until the fire alarm is activated and the power is terminated to the closer. Other solutions include the use of a low energy power operated door operator. For further information regarding power assisted devices please contact our Architectural Hardware department on 01773 530 500.

An access statement from our closer supplier (GEZE) is available on request.

For more information on Leaderflush Shapland visit www.barbourproductsearch.info



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