

DURABLE ***COLLECTION***

*Architectural &
Electrified Hardware*

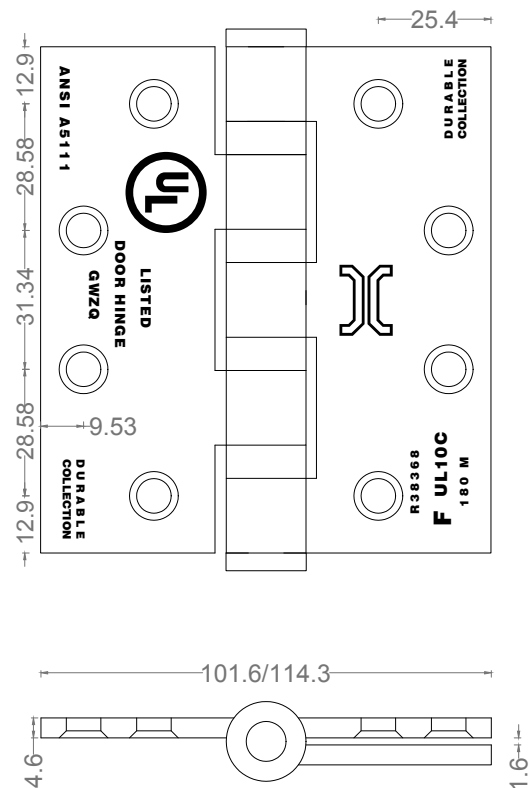


**ITEM CODE: BB4.54.54.6, BB4.544.6, BB4.54.54.6NRP
& BB4.544.6NRP**
**STAINLESS STEEL FULL MORTISE 4 BALL BEARING
HINGES TYPE**



Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ.R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5111), grade 1 (2,500,000 cycles).
- Nondetachable ball bearing and non-rising pin (hole in bottom tip for easy removal).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

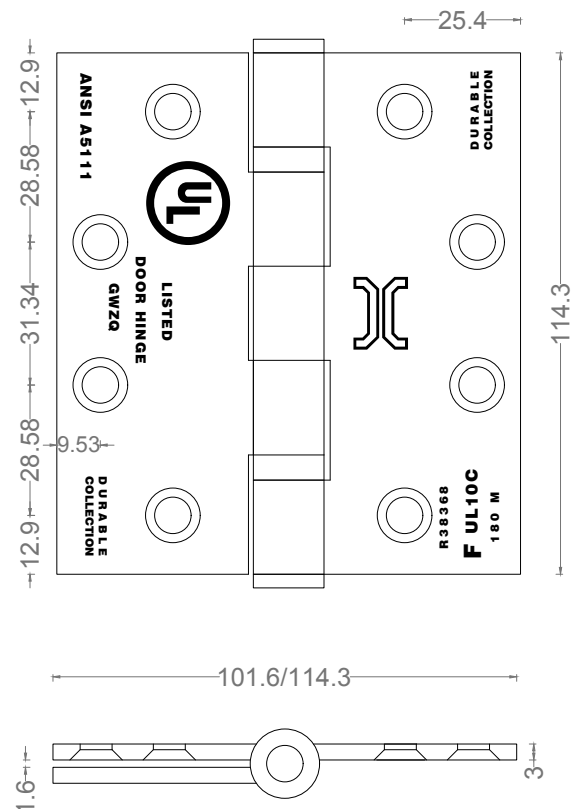


ITEM CODE: BB4.54.53 & BB4.543
STAINLESS STEEL FULL MORTISE 2 BALL BEARING
HINGES TYPE



Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ.R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pin (hole in bottom tip for easy removal).
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

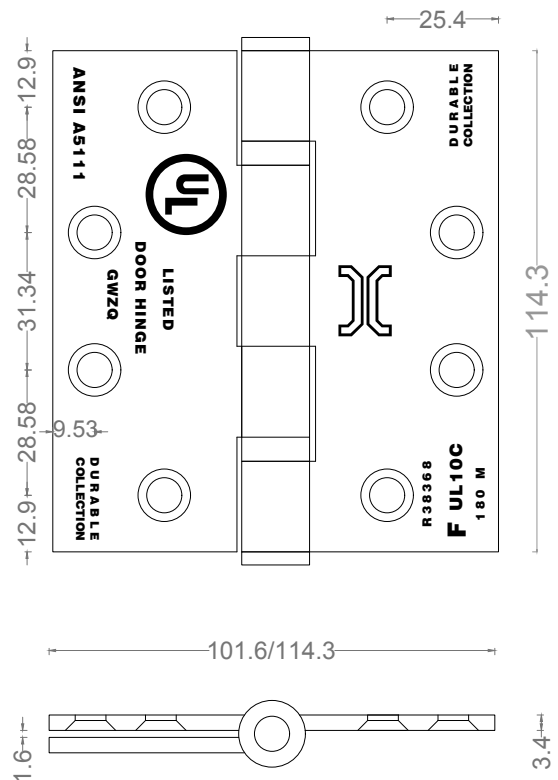


ITEM CODE: BB4.54.53.5, BB4.543.5, BB4.54.53.5NRP & BB4.543.5NRP
STAINLESS STEEL FULL MORTISE 2 BALL BEARING
HINGES TYPE



Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pin (hole in bottom tip for easy removal).
- Optional: Nondetachable ball bearing fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4 ").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

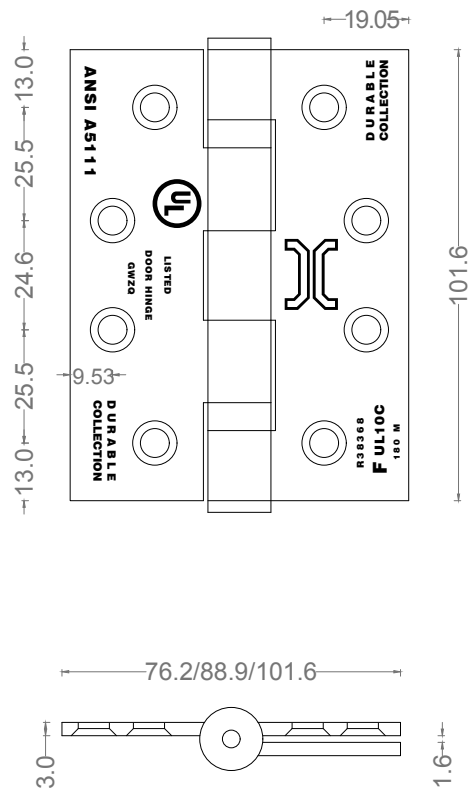


**ITEM CODE: BB433, BB43.53 & BB443
STAINLESS STEEL FULL MORTISE 2 BALL BEARING
HINGES TYPE**



Features:

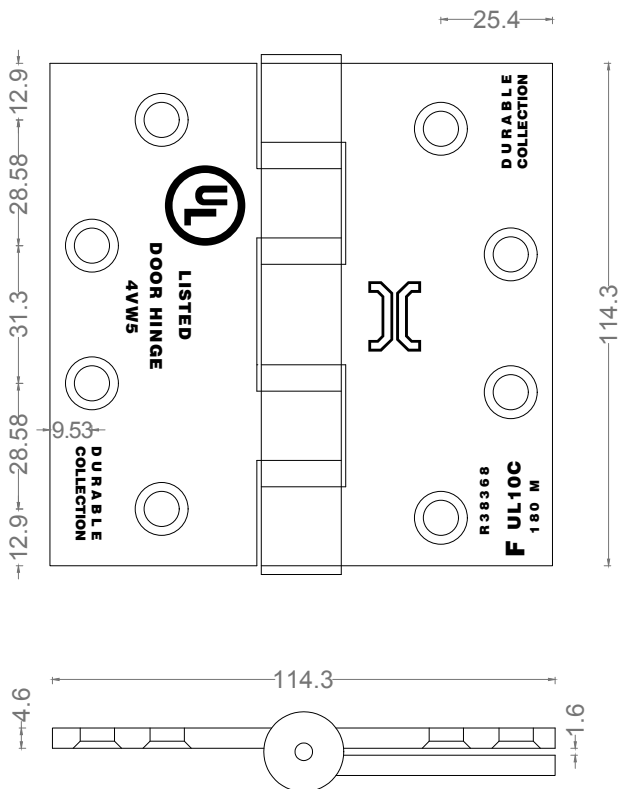
- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw hole location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pin (hole in bottom tip for easy removal).
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (10-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#10 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.



ITEM CODE: DURABLE BB4.54.54.6
STAINLESS STEEL FULL MORTISE 4 BALL BEARING
HINGES TYPE

Features:

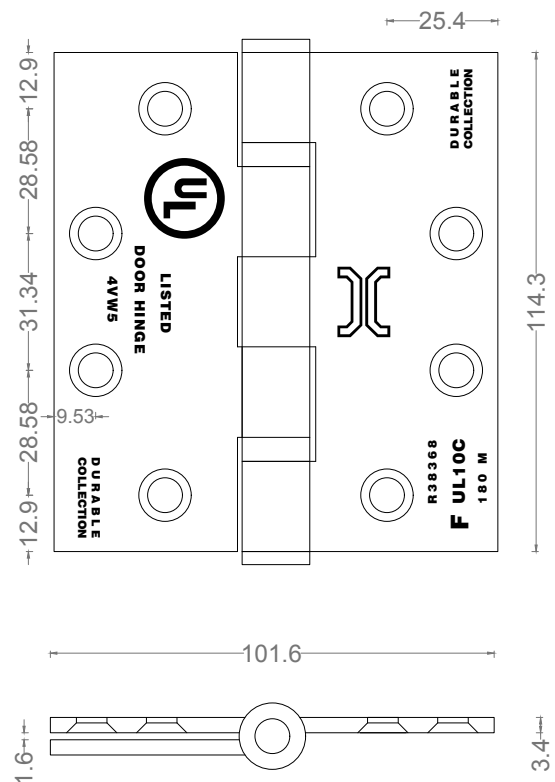
- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304).
- Available in stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw hole location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pin (hole in bottom tip for easy removal).
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head & countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.



ITEM CODE: DURABLE BB4.543.4
STAINLESS STEEL FULL MORTISE 2 BALL BEARING
HINGES TYPE

Features:

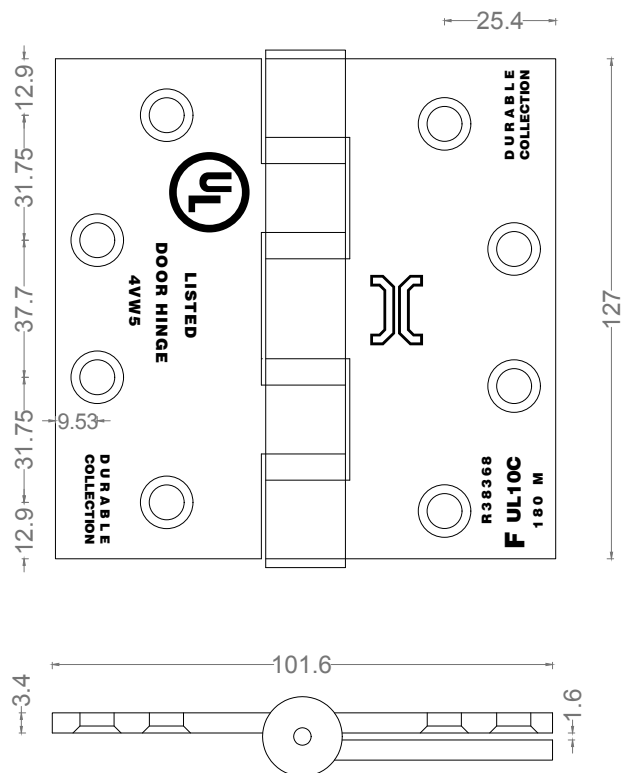
- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304).
- Available in stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw hole location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pins (hole in bottom tip for easy removal).
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head & countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

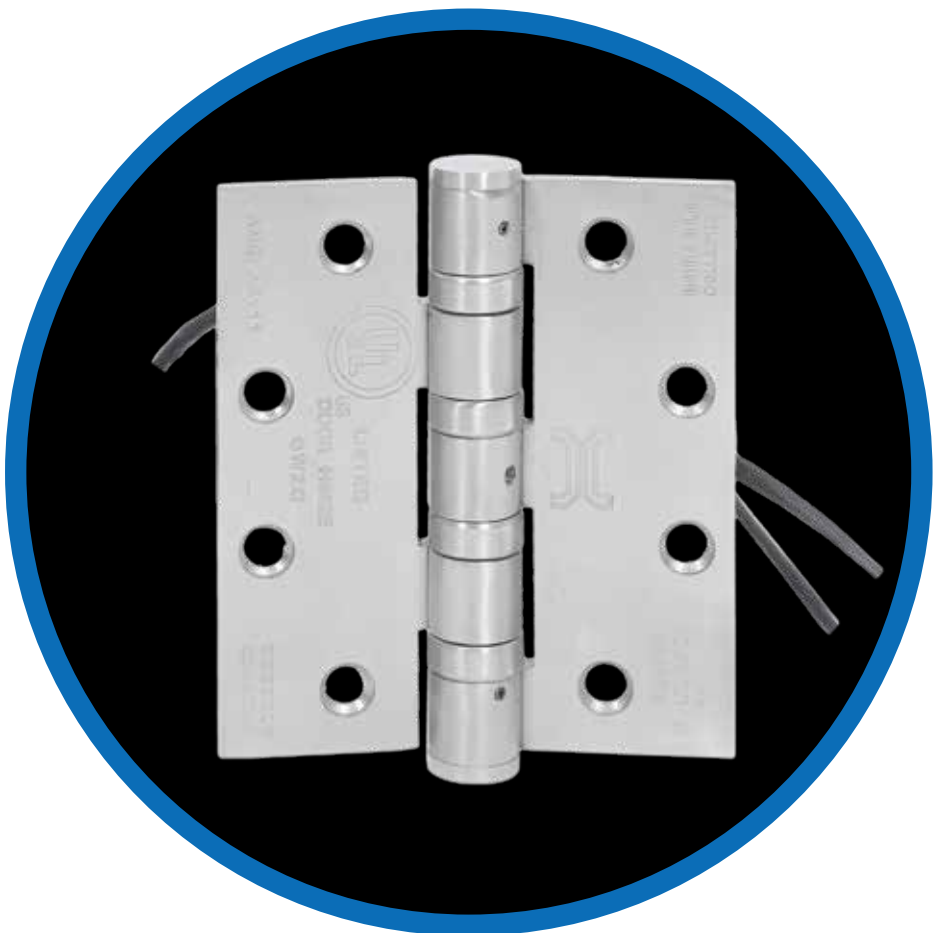
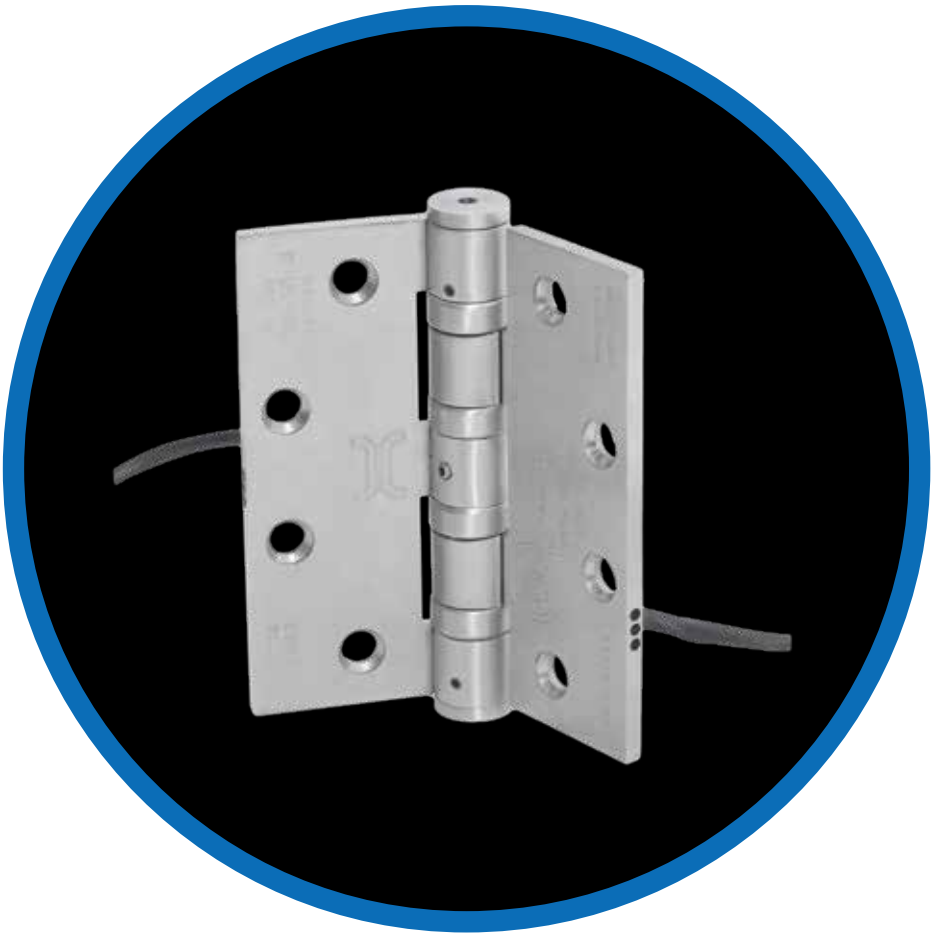


ITEM CODE: DURABLE BB543.4
STAINLESS STEEL FULL MORTISE 4 BALL BEARING
HINGES TYPE

Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304).
- Available in stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw hole location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard: non-rising pins (hole in bottom tip for easy removal).
- Optional: fixed pin, non-removable pin (NRP) or with security pin.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head & countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.





ITEM CODE: EH & EMH SERIES STAINLESS STEEL FULL MORTISE ELECTRIFIED HINGES



Features:

- Area of application: Wooden or metal doors.
- Electrified hinge is the ideal way to pass low voltage power and/or signalling from the hinge jamb to the leaf (lockset or electrified latch retraction kit or any electrified hardware) without any exposed wired.
- Commonly used with electrified mortise & cylindrical locks, electric strikes (when a pair of doors), electrified exit trims, electrified latch retraction kit, door mounted card readers and low voltage door lights.
- Switch rating: Electrical: 50-100 mA 30VDC. In rush-current: NC & NO: 0.5 A max.
- Available in 5 knuckles (standard and heavy weight).
- Base material: Stainless steel EN 1.4301 (type 304). Optional in stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Mechanically certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5111), grade one (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm). Clear/free gap: 1.6 mm.
- 4 feet lead at no additional charge.
- Non-conductive wire access cap for added wire protection.
- Available: EH (Electrified hinges), used to pass low voltage power (2 wires up to 12 wires, wire gauge from 18 up to 28) and EMH (Electrified Monitoring Hinges), provides a door position sensor in the hinge itself.
- The quantity and required gauge of the wires depends on the hardware being used, must consult Durable Collection before specifying/ordering.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630). Other finishes are available upon request.



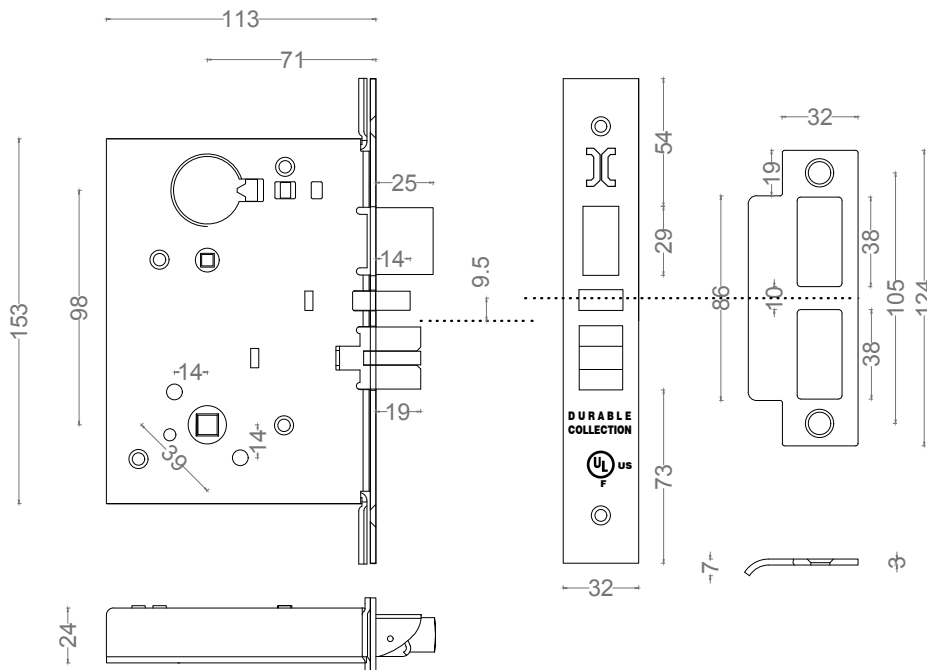


**MORTISE LOCKS
SERIES 1000**







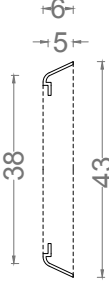

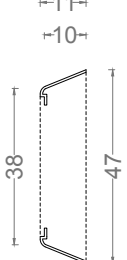

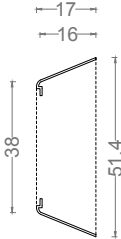


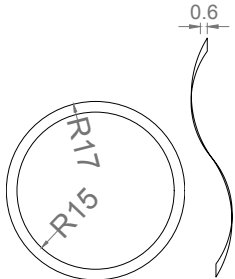






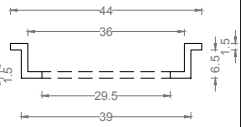
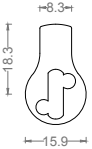
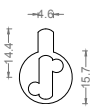
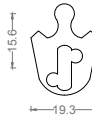
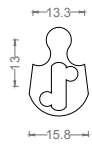
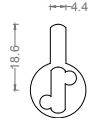

ITEM CODE: DML1000 RANGE

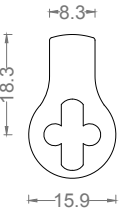
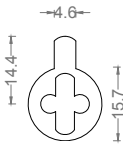
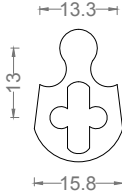
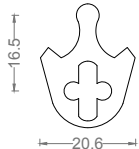

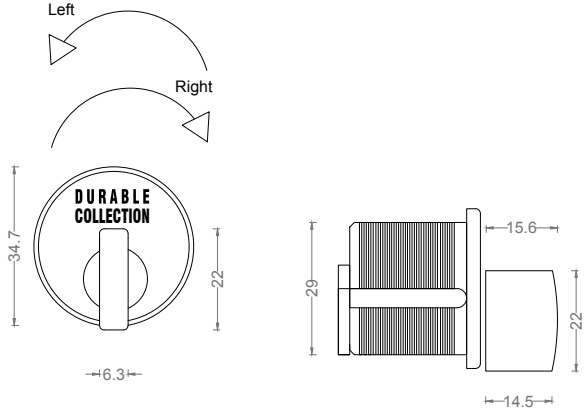
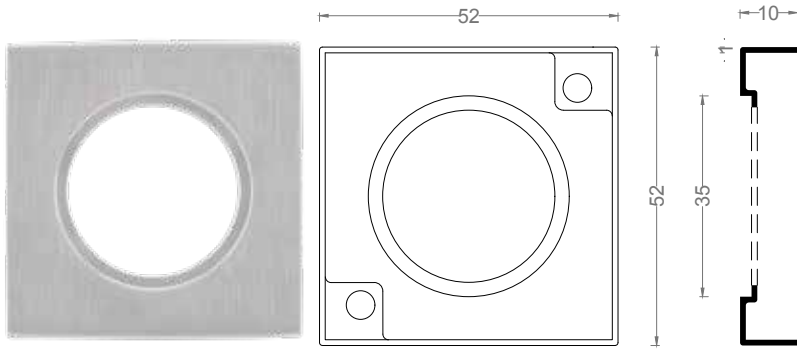
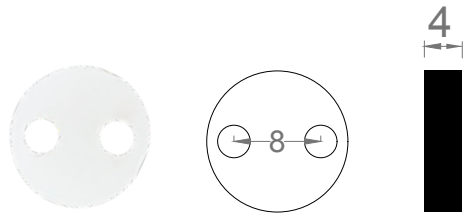

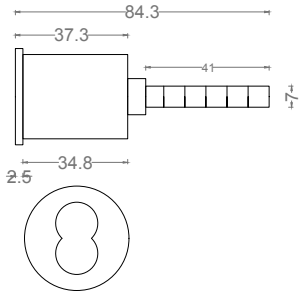

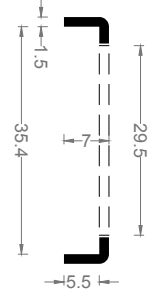
Features:

- Heavy duty mortise locks.
- UL listed. UL10C 3 hours fire rated. Tested to meet ANSI A156.13 grade 1 (1,000,000 cycles), series 1000.
- ADA compliant (American with Disabilities Act), ANSI A117 (Accessible and Usable Buildings and Facilities).
- BHMA CERTIFIED.
- Free wheeling (Anti-vandalism) is available upon request.
- Locks include special high-strength springs and a positive stop to eliminate unsightly sagging levers.
- Trims utilize 11 mm high-strength alloy steel spindles for extra durability.
- Field reversible without lock disassembly. Designed for doors thickness 44 mm standard. Specify if doors thickness is more than 44 mm.
- Backset: 70 mm only. Center to center: 98 mm only.
- Armored front size: 203 x 32 x 1.5 mm. Case size: 113 x 153 x 24 mm.
- Deadbolt: 25 mm in stainless steel. Latchbolt 19 mm throw in stainless steel with anti-friction tongue.
- Strike: ANSI curved lip strike 32 x 124 mm with dust box standard. Door cutout Type 86.
- Tested with levers in hollow or solid stainless steel.
- Cylinders and keys: Mortise or interchangeable core (SFIC or LFIC) cylinders. 5 or 6 pins mortise cylinders with 3 brass standard keys (computer key is available). 6 or 7 pins (SFIC or LFIC) cylinders with 2 operate nickel plated standard keys + 1 nickel plated control key.
- Several cams, construction keys, master key system and keyways are available.
- Standard finish: 630 (satin stainless steel). Other finishes are available upon request.

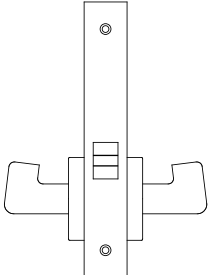
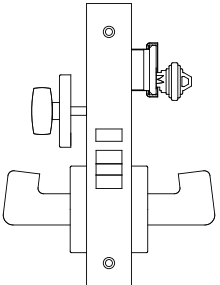
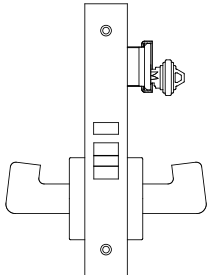
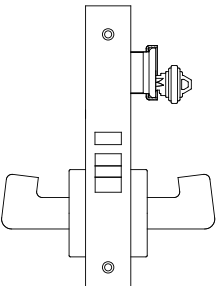


MORTISE LOCKS SERIES 1000

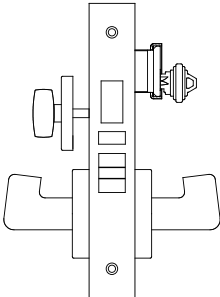
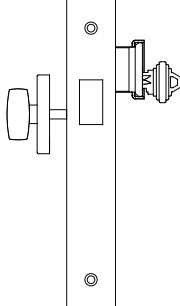
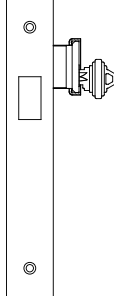
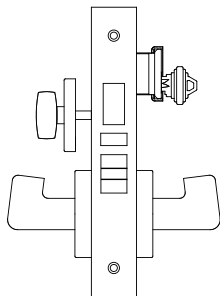
SFIC HOUSING – CICH – 6 or 6/7 PINS SFIC		SFIC CORE – SFIC – 6 & 7 PINS		MORTISE CYLINDER – DMC	
					
CYLINDER GUARD – DCG – AVAILABLE 5, 10 & 16 MM PROJECTION					
					
KEYS DMC		WAVE SPRING		KEYS SFIC	
					
SECURITY CYLINDER GUARD – DCG8.5 or DCG13.5			CYLINDER GUARD – DCG8		
					
CAMS FOR SFIC HOUSING					
1	2	3	4	5	6
					

CAMS FOR DMC HOUSING			
1	2	4	MB
			
ONE WAY CYLINDER – DMCTL (LEFT) or DMCTR (RIGHT)			
			
SQUARE CYLINDER GUARD – DCGSQ		SPACER SFIC 6 PINS – FOR CICH – FOR SFIC 7 PINS TO SFIC 6 PINS	
			
CICHR34.9 T, RIM CYLINDER WITH SFIC HOUSING		DCG	
 		 	

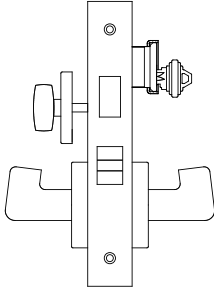
MORTISE LOCKS SERIES 1000

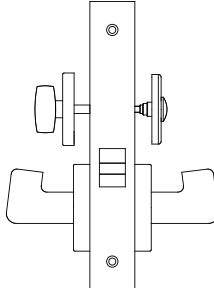
<p>INSIDE / OUTSIDE</p>	<p>PASSAGE/CLOSET (ANSI F01)-DML1001-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever either side.</p>
<p>INSIDE / OUTSIDE</p>	<p>OFFICE/ENTRY (ANSI F04)-DML1004-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever either side unless outside is locked by key outside or thumbturn inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever always free for egress.</p>
<p>INSIDE / OUTSIDE</p>	<p>CLASSROOM (ANSI F05)-DML1005-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever either side unless outside is locked by key. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever always free for egress.</p>
<p>INSIDE / OUTSIDE</p>	<p>STOREROOM/CLOSET (ANSI F07)-DML1007-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever inside or key outside. Outside lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever always free for egress.</p>

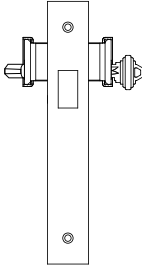
MORTISE LOCKS SERIES 1000

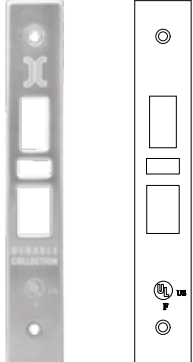
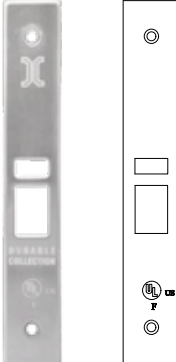
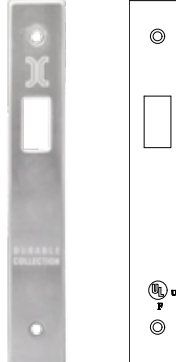
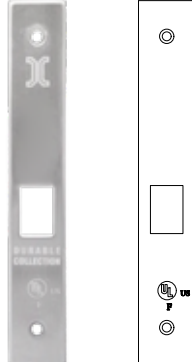
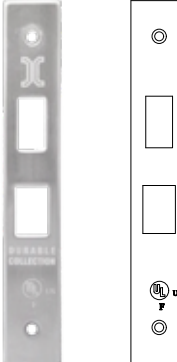
<p style="text-align: center;">INSIDE / OUTSIDE</p>	<p style="text-align: center;">DORMITORY/EXIT (ANSI F13)-DML1013-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever either side. Deadbolt operated by key outside or thumbturn inside. Throwing deadbolt automatically locks outside lever. When locked, lever inside or key outside retracts deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever always free for egress.</p>
<p style="text-align: center;">INSIDE / OUTSIDE</p>	<p style="text-align: center;">DEAD LOCK (ANSI F17) - DML1017-GRADE 1</p>
	<p>Deadbolt thrown or retracted by key outside or thumbturn inside.</p>
<p style="text-align: center;">INSIDE / OUTSIDE</p>	<p style="text-align: center;">DEAD LOCK (ANSI F18) - DML1018-GRADE 1</p>
	<p>Dead bolt operated by key outside.</p>
<p style="text-align: center;">INSIDE / OUTSIDE</p>	<p style="text-align: center;">APARTMENT CORRIDOR DOOR (ANSI F20)- DML1020-GRADE 1 & UL LISTED</p>
	<p>Latchbolt retracted by lever either side unless outside is locked by 20° rotation of thumbturn. Deadbolt operated by key outside or thumbturn inside. Throwing deadbolt automatically locks outside lever. When locked, lever inside or key outside retracts deadbolt and latch bolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed.</p>

MORTISE LOCKS SERIES 1000

INSIDE / OUTSIDE	ROOM DOOR (ANSI F21)-DML1021--GRADE 1 & UL LISTED
	<p>Latchbolt retracted by lever either side. Deadbolt thrown or retracted by key outside or thumbturn inside. Latchbolt and deadbolt are independent of each other.</p>

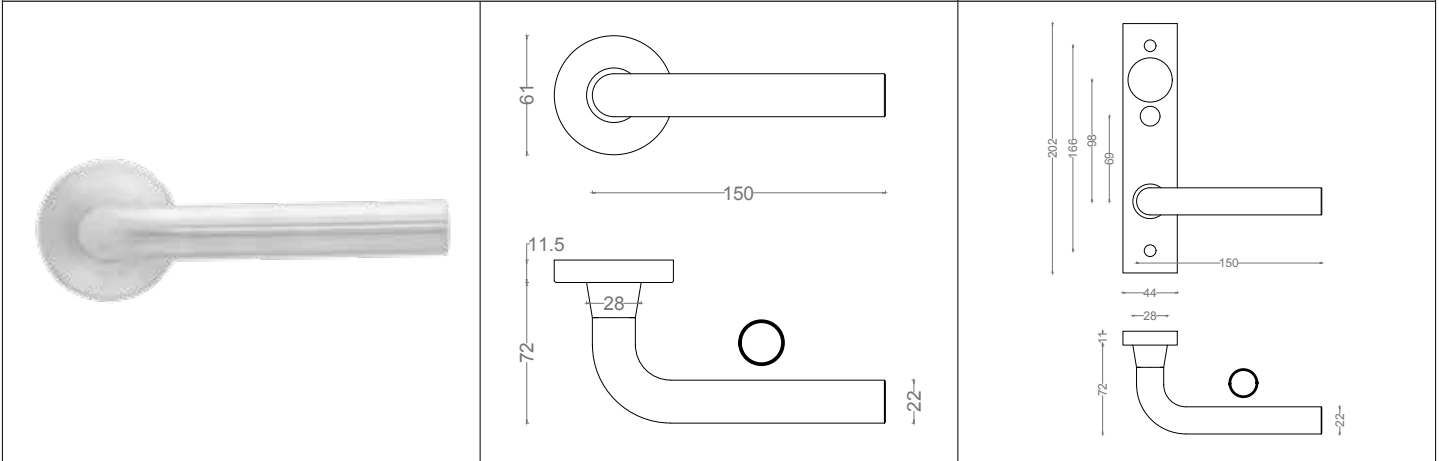
INSIDE / OUTSIDE	PRIVACY/ BATH/BEDROOM (ANSI F22)-DML1022-GRADE 1 & UL LISTED
	<p>Latchbolt retracted by lever either side unless outside is locked by thumbturn inside. Operating inside lever or emergency turn outside unlocks outside. Inside lever always free for egress.</p>

INSIDE / OUTSIDE	CLASSROOM DEADLOCK (ANSI F29)-DML1029
	<p>Dead bolt operated by key outside or by turn inside. Dead bolt operated by key outside. Turn inside retracts but does not project deadbolt.</p>

FOREND/FACEPLATE	DML1013, DML1020	DML1004, DML1005, DML1007	DML1017, DML1018, DML1029	DML1001, DML1022	DML1021
					

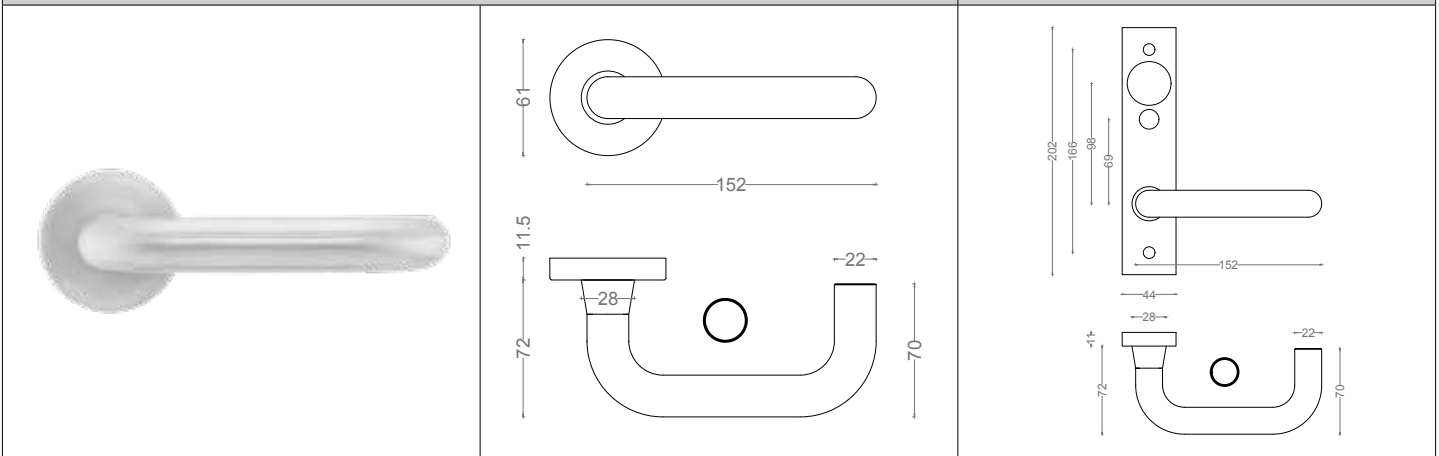
AH101 – HOLLOW LEVER HANDLE

AH101T



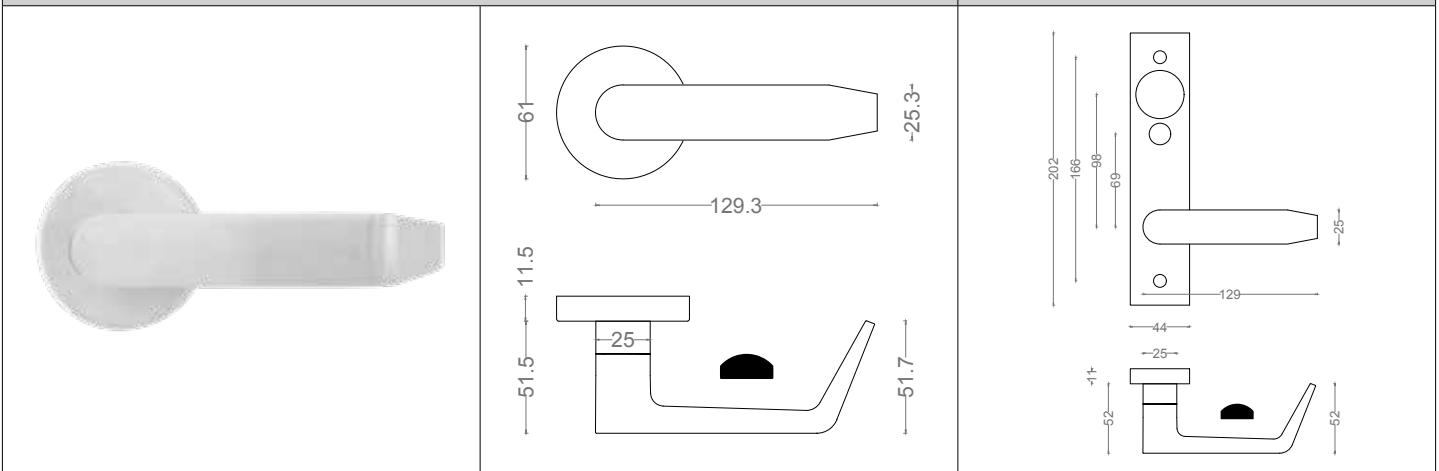
AH102 – HOLLOW LEVER HANDLE

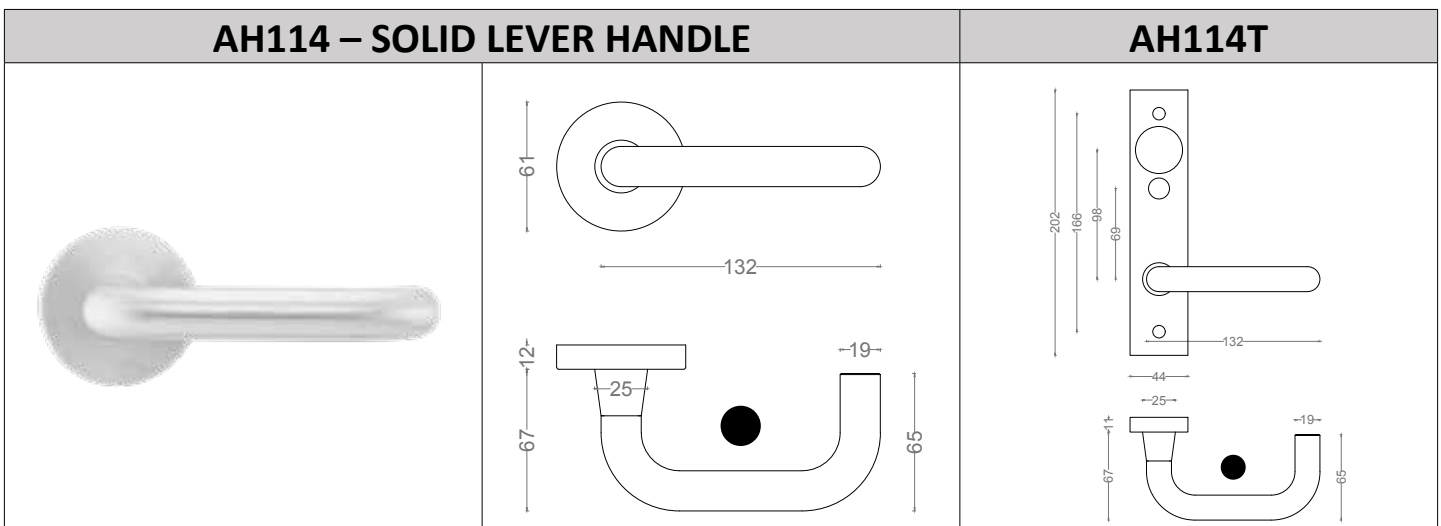
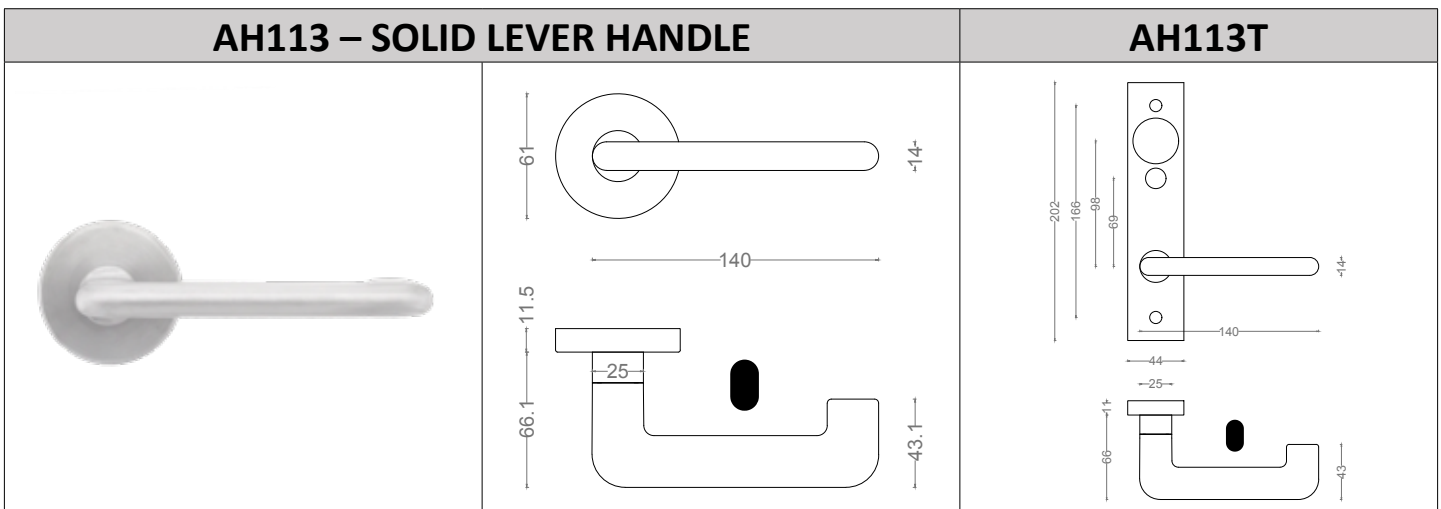
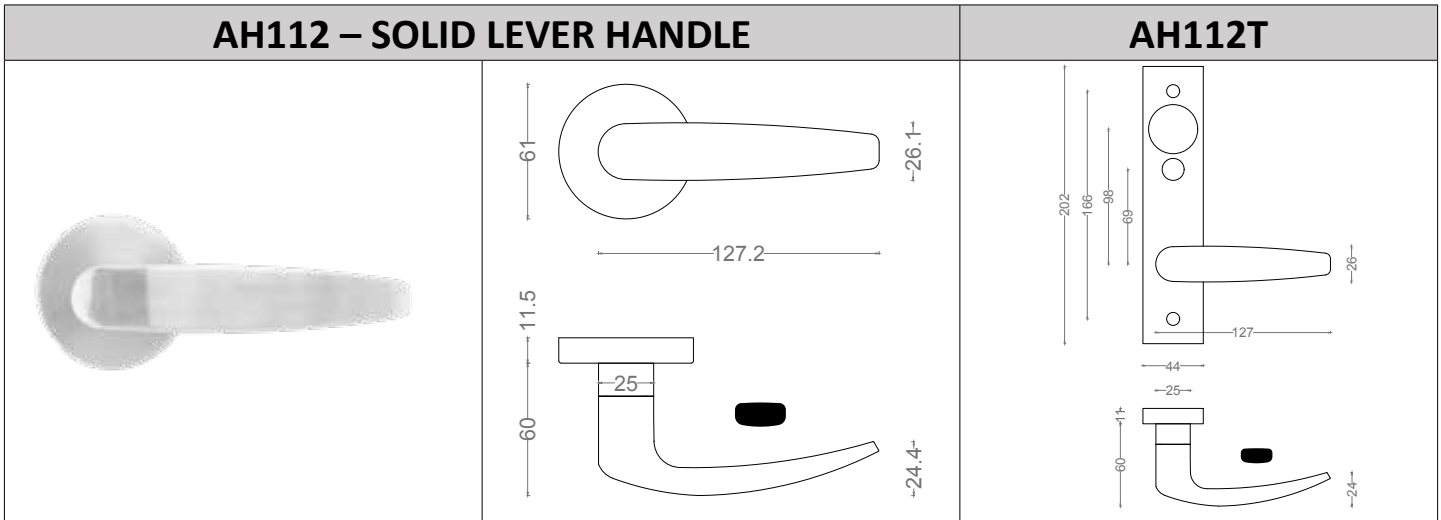
AH102T

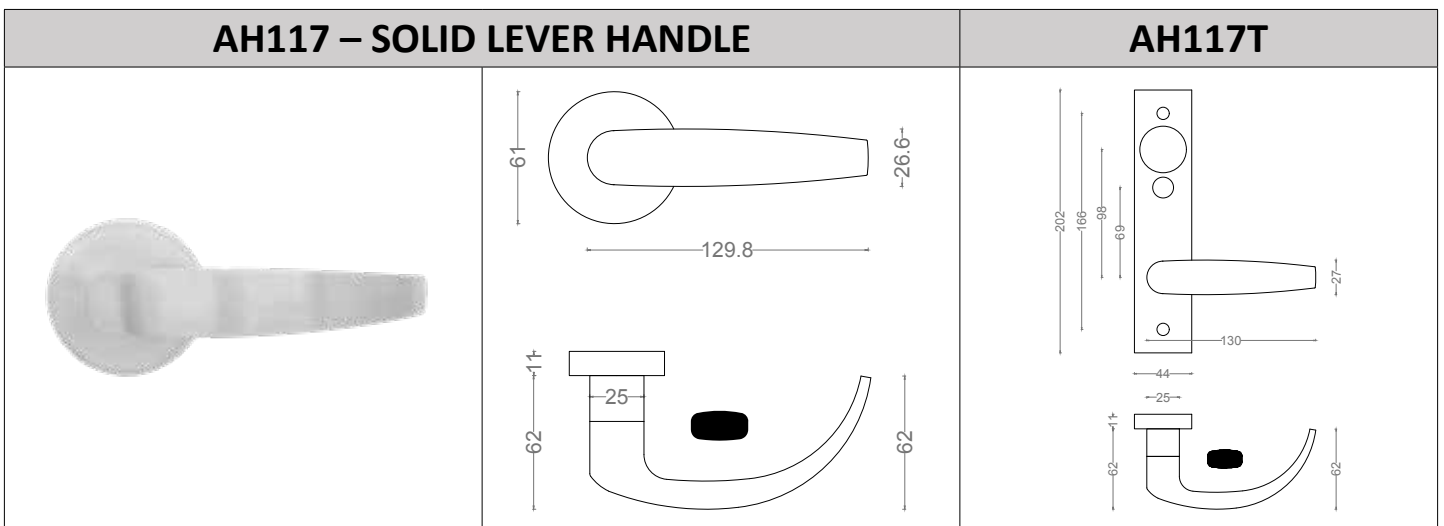
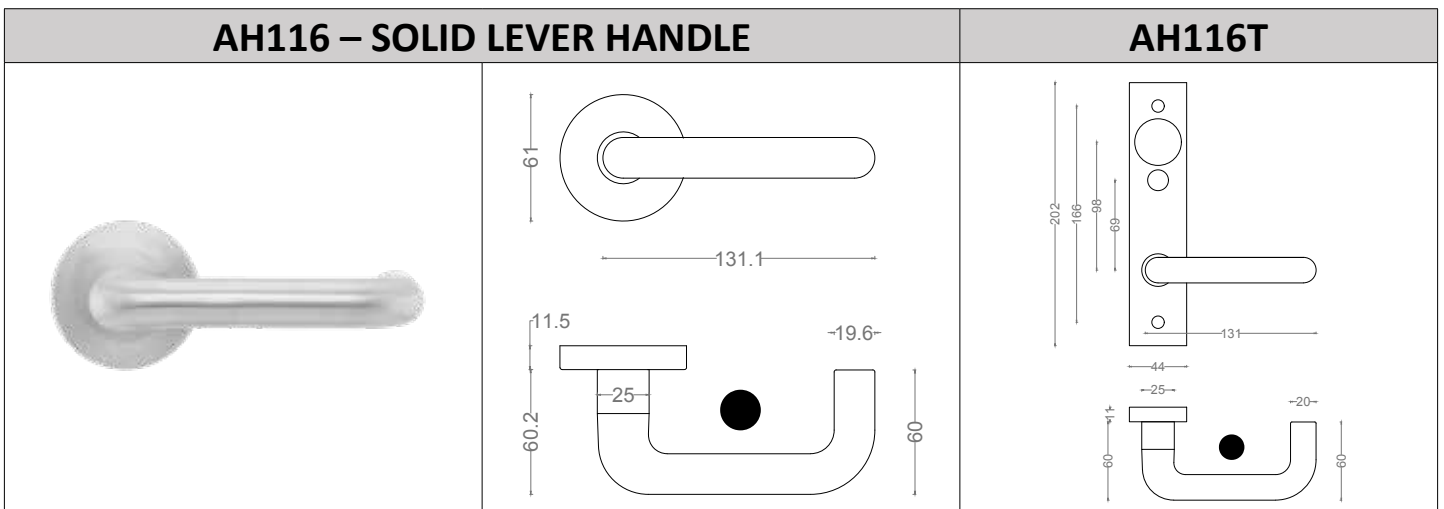
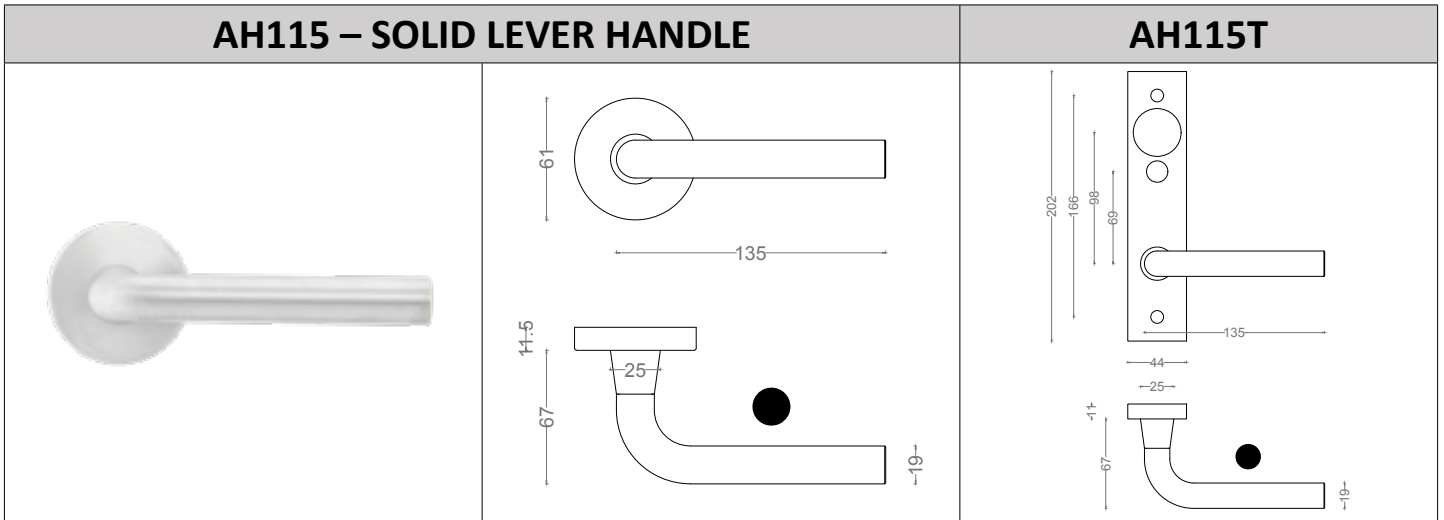


AH111 – SOLID LEVER HANDLE

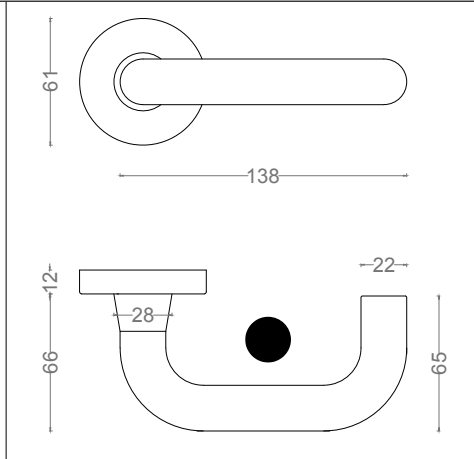
AH111T



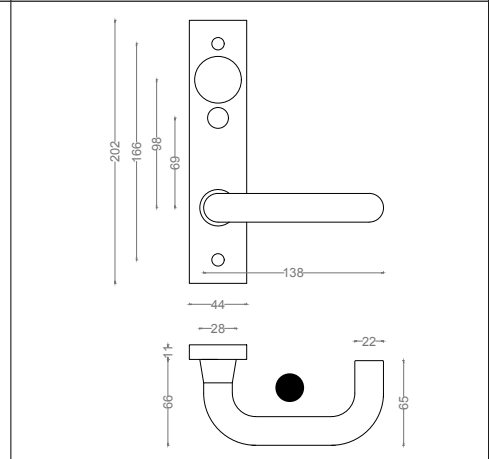




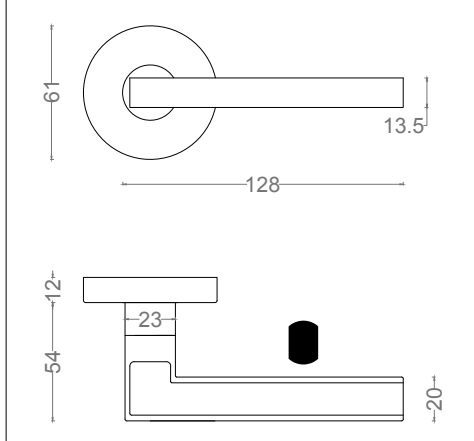
AH118 – SOLID LEVER HANDLE



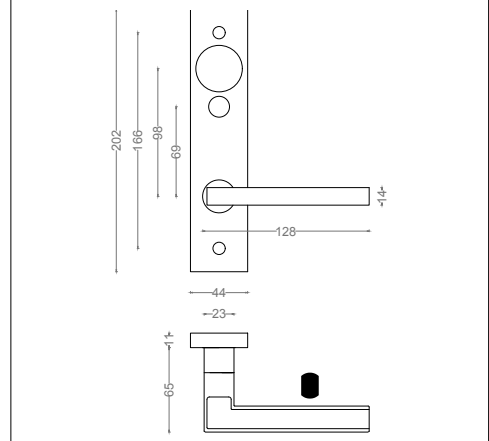
AH118T



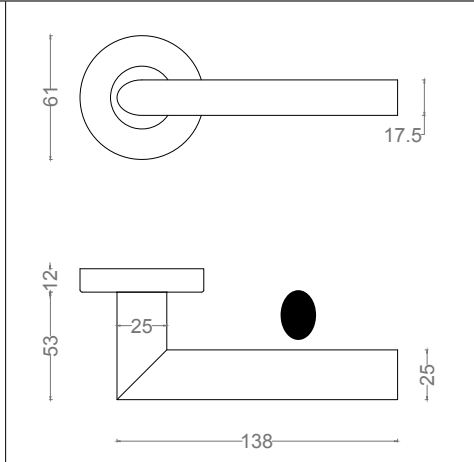
AH119 – SOLID LEVER HANDLE

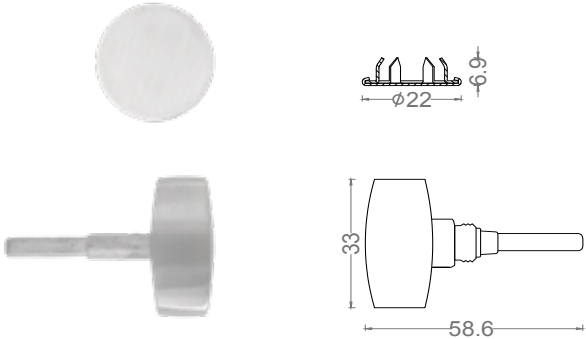
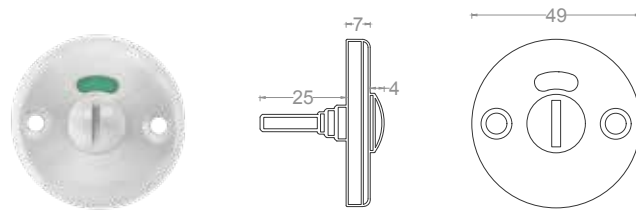
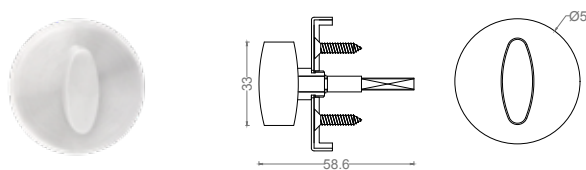
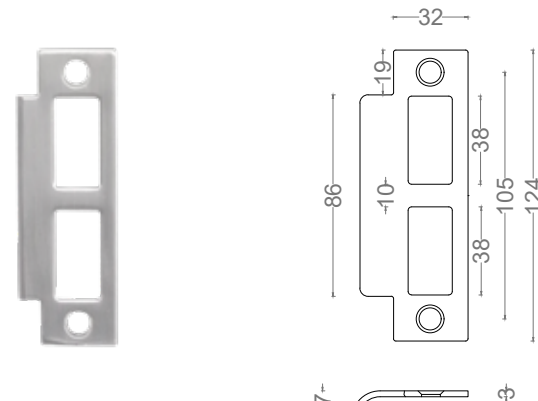

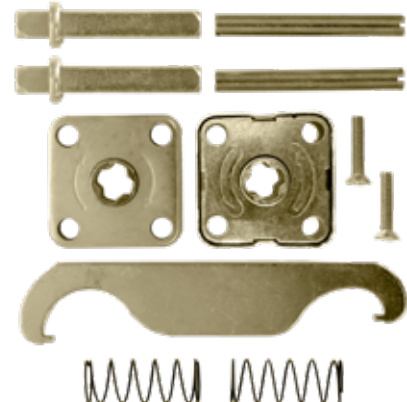



AH119T



AH126 – SOLID LEVER HANDLE



DML P TURN	DML TURN R/G/COIN	
		
DML TURN (SEVERAL LENGHTS ARE AVAILABLE)	DML STRIKE (FOR DOUBLE DOORS)	
		
DML SPINDLE (SEVERAL LENGHTS ARE AVAILABLE)	DML SCREWS	DML MOUNTING POST (SEVERAL LENGHTS ARE AVAILABLE)
		



**MORTISE LOCKS
SERIES 1000L**

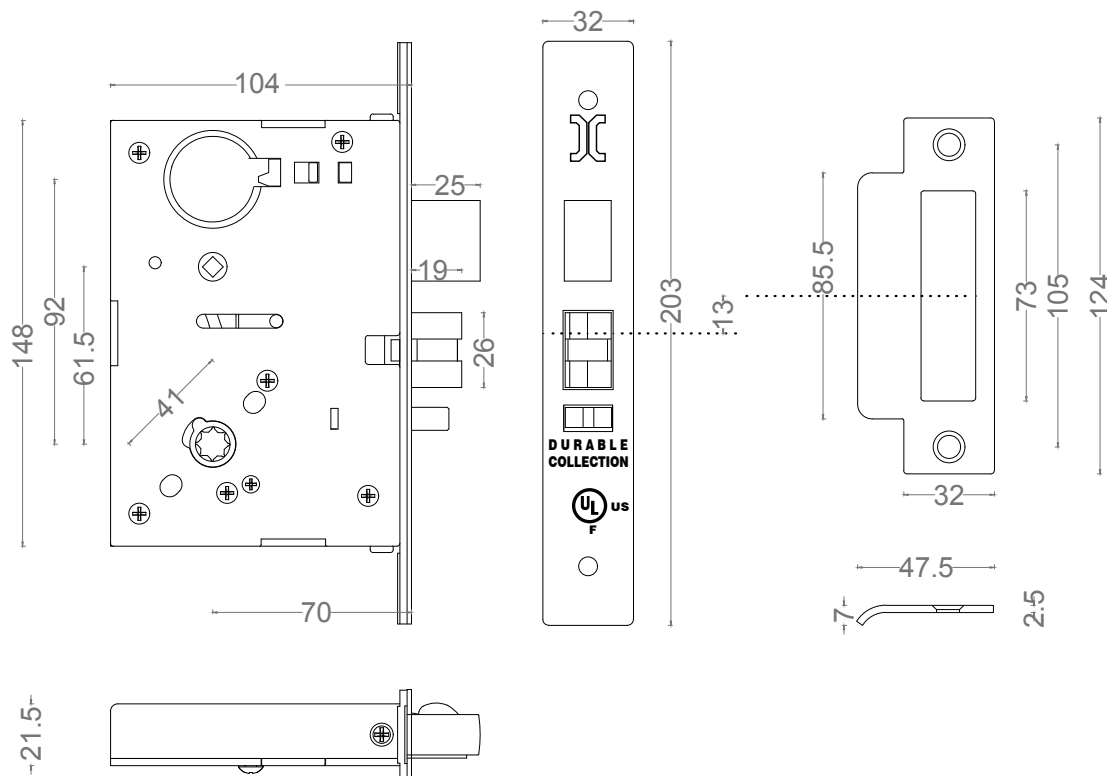
MORTISE LOCKS SERIES 1000L

ITEM CODE: DML1000L RANGE

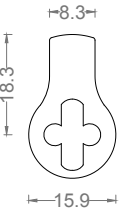
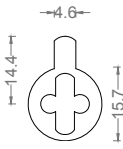
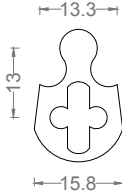
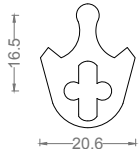

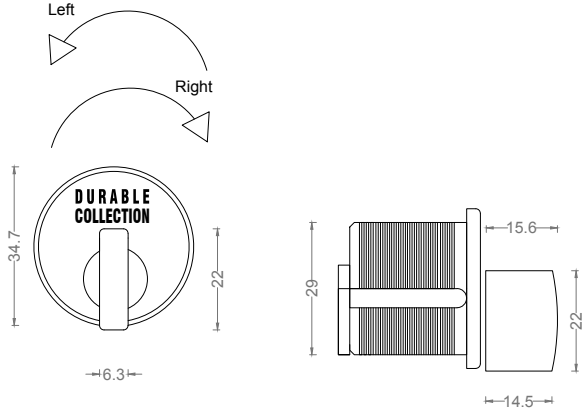
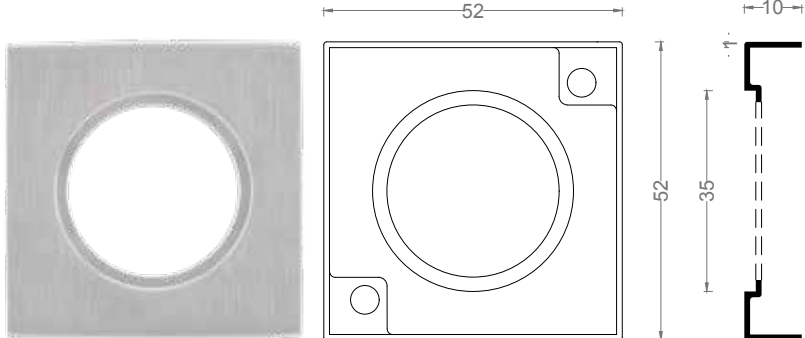
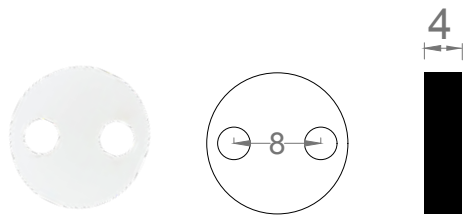

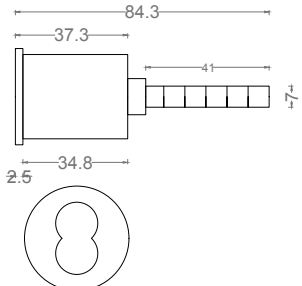
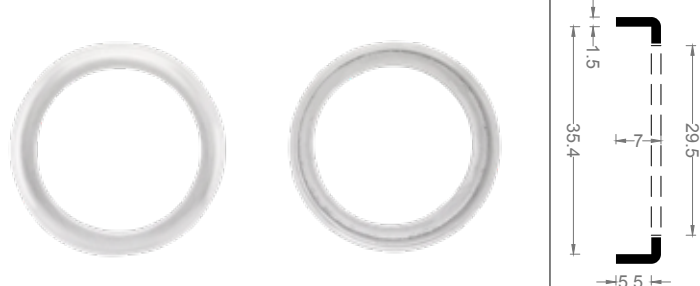
Features:



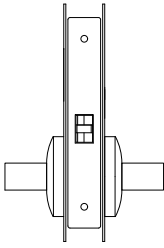
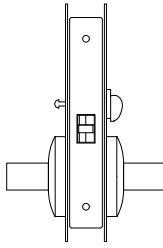
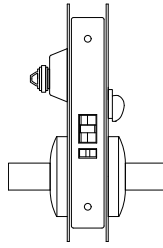
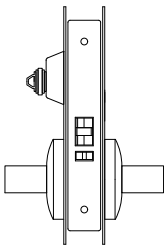
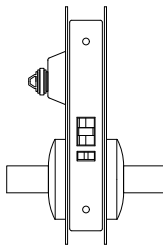
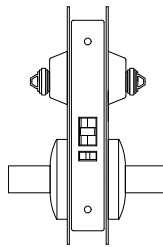
- Heavy duty mortise locks, UL listed. UL10C 3 hours fire rated.
- Tested to meet ANSI A156.13 grade 1 (1,000,000 cycles), series 1000.
- ADA compliant (American with Disabilities Act), ANSI A117 (Accessible and Usable Buildings and Facilities).
- BHMA CERTIFIED.
- Lockcase: Heavy duty steel with zinc dichromate finish for corrosion resistance.
- Designed for doors thickness 44 mm standard. Specify if doors thickness is more than 44 mm.
- Field reversible without lock disassembly.
- Backset: 70 mm, Center to center: 92 mm, Armored front size: 203 x 32 x 1.5 mm, Case size: 104 x 148 x 21.5 mm.
- Deadbolt: 25 mm in stainless steel. Latchbolt 19 mm throw in stainless steel with anti-friction tongue.
- Strike: ANSI curved lip strike 32 x 124 mm with dust box standard.
- Tested with levers in hollow or solid stainless steel.
- Cylinders and keys: Mortise or interchangeable core (SFIC or LFIC) cylinders. 5 or 6 pins mortise cylinders with 3 brass standard keys (computer key is available). 6 or 7 pins (SFIC or LFIC) cylinders with 2 operate nickel plated standard keys + 1 nickel plated control key.
- Several cams, construction keys, master key system and keyways are available.
- Standard finish: 630 (satin stainless steel). Other finishes are available upon request.



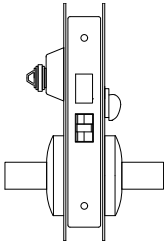
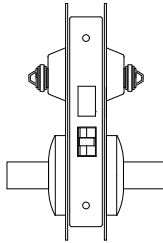
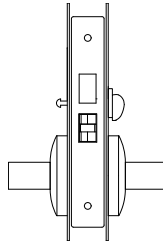
SFIC HOUSING – CICH – 6 or 6/7 PINS SFIC		SFIC CORE – SFIC – 6 & 7 PINS		MORTISE CYLINDER – DMC	
CYLINDER GUARD – DCG – AVAILABLE 5, 10 & 16 MM PROJECTION					
KEYS DMC		WAVE SPRING		KEYS SFIC	
SECURITY CYLINDER GUARD – DCG8.5 or DCG13.5			CYLINDER GUARD – DCG8		
CAMS FOR SFIC HOUSING					
1	2	3	4	5	6

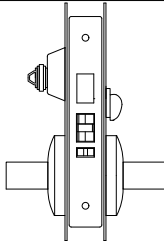
CAMS FOR DMC HOUSING			
1	2	4	MB
			
ONE WAY CYLINDER – DMCTL (LEFT) or DMCTR (RIGHT)			
			
SQUARE CYLINDER GUARD – DCGSQ		SPACER SFIC 6 PINS – FOR CICH – FOR SFIC 7 PINS TO SFIC 6 PINS	
			
CICHR34.9 T, RIM CYLINDER WITH SFIC HOUSING		DCG	
 			

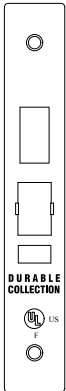
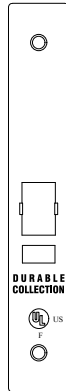
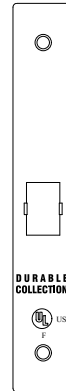
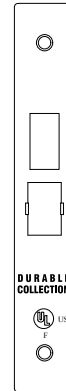
MORTISE LOCKS SERIES 1000L




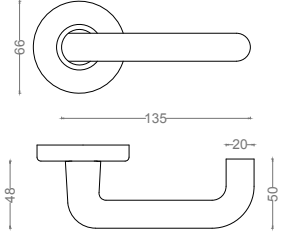
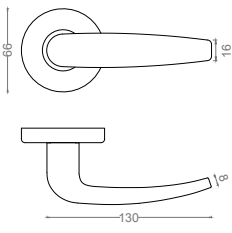
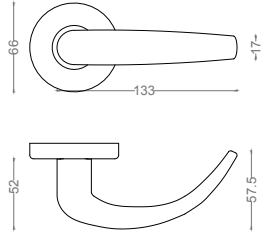



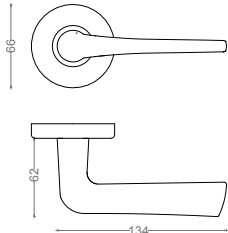
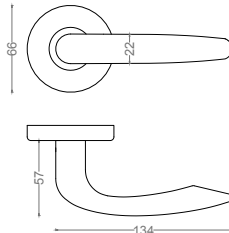
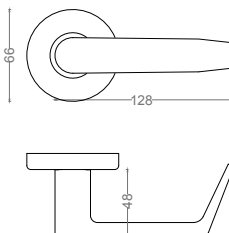



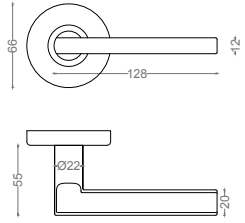
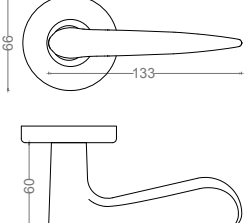
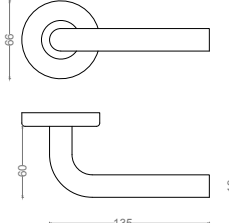
OUTSIDE / INSIDE PASSAGE OR CLOSET LATCH (ANSI F01) -DML1001L	OUTSIDE / INSIDE PRIVACY, BEDROOM OR BATH LOCK (ANSI F22) - DML1022L	OUTSIDE / INSIDE ENTRY LOCK (ANSI F04)-DML1004L
		
<p>Latch bolt operated by lever from either side at all times.</p>	<p>Latch bolt operated by lever from either side except when outside lever is locked by inside turn or button. Operating inside lever, closing door or operating outside emergency release unlocks outside lever.</p>	<p>Latch bolt operated by lever from either side except when outside lever is made inoperative by a stop or mechanical means other than key. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.</p>
OUTSIDE / INSIDE CLASSROOM LOCK (ANSI F05)-DML1005L	OUTSIDE / INSIDE STOREROOM OR CLOSET LOCK (ANSI F07)-DML1007L	OUTSIDE / INSIDE APARTMENT, EXIT OR PUBLIC TOILET LOCK (ANSI F09)-DML1009L
		
<p>Latch bolt operated by lever from either side except when outside lever or knob is locked from outside by key. When outside lever is locked, latch bolt is retracted by key, or by operating key and outside lever from outside or by operating inside lever. Auxiliary dead latch.</p>	<p>Latch bolt operated by key from outside or by operating inside lever. Outside lever is always inoperative. Auxiliary dead latch.</p>	<p>Latch bolt operated by lever from either side, except when outside lever is locked by key from inside. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.</p>




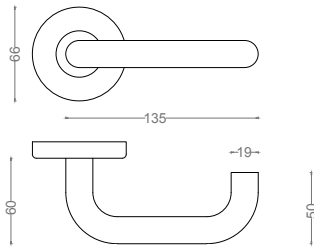
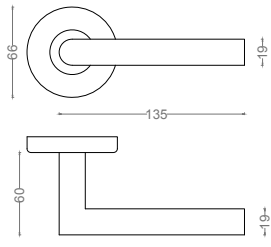
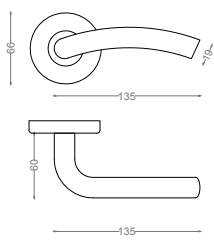

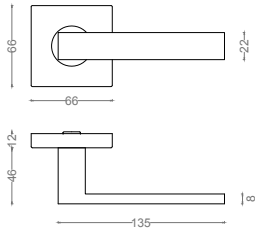
MORTISE LOCKS SERIES 1000L

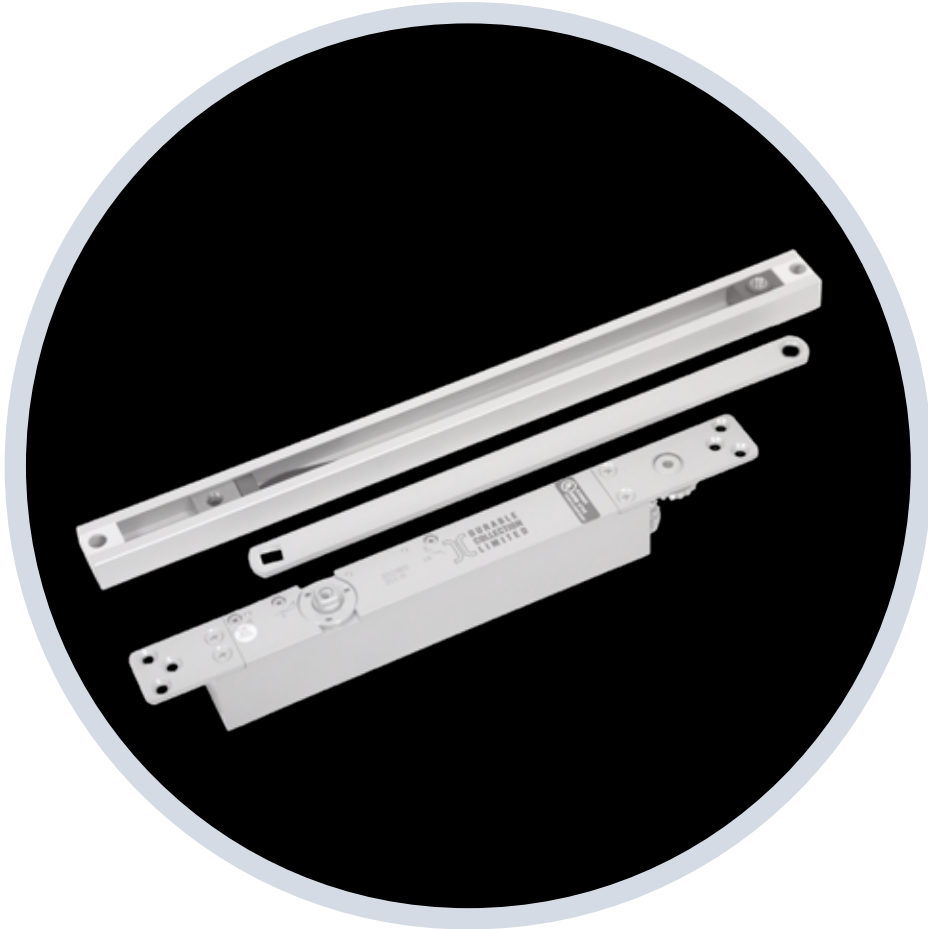
OUTSIDE / INSIDE DORMITORY OR EXIT LOCK (ANSI F13)- DML1013L	OUTSIDE / INSIDE STORE DOOR LOCK (ANSI F14)-DML1014L	OUTSIDE / INSIDE PRIVACY, BEDROOM, BATH LOCK (ANSI F19)- DML1019L
		
<p>Latch bolt operated by lever from either side. Dead bolt projected by key from outside and turn from inside. Operating inside lever retracts both bolts and unlocks outside.</p>	<p>Latch bolt operated by lever from either side. Dead bolt operated by key from either side.</p>	<p>Latch bolt operated by lever from either side. Dead bolt operated by turn from inside and emergency release from outside. Operating inside lever retracts both bolts.</p>

OUTSIDE / INSIDE APARTMENT CORRIDOR DOOR (ANSI F20)-DML1020L	
	<p>Latch bolt operated by lever from either side, except when outside lever is made inoperative by a stop or mechanical means other than key. Dead bolt operated by key outside or turn inside. Key outside operates both bolts. Operating inside lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, lever is unlocked by stop or mechanical means other than key.</p>

FOREND/FACEPLATE			
DML1020L	DML1004L, DML1005L, DML1007L, DML1009L	DML1001L, DML1022L	DML1013L, DML1014L, DML1019L
			

LEVER DESIGN - GRADE 1		
AH100 ANSI-SOLID	AH101 ANSI-SOLID	AH102 ANSI-SOLID
		
		
AH103 ANSI-HOLLOW	AH104 ANSI-HOLLOW	AH105 ANSI-SOLID
		
		
AH106 ANSI-SOLID	AH108 ANSI-SOLID	AH109 ANSI-HOLLOW
		
		

LEVER DESIGN - GRADE 1		
AH110 ANSI-HOLLOW	AH111 ANSI-HOLLOW	AH112 ANSI-HOLLOW
		
		
AH113 ANSI-SOLID		
		
		

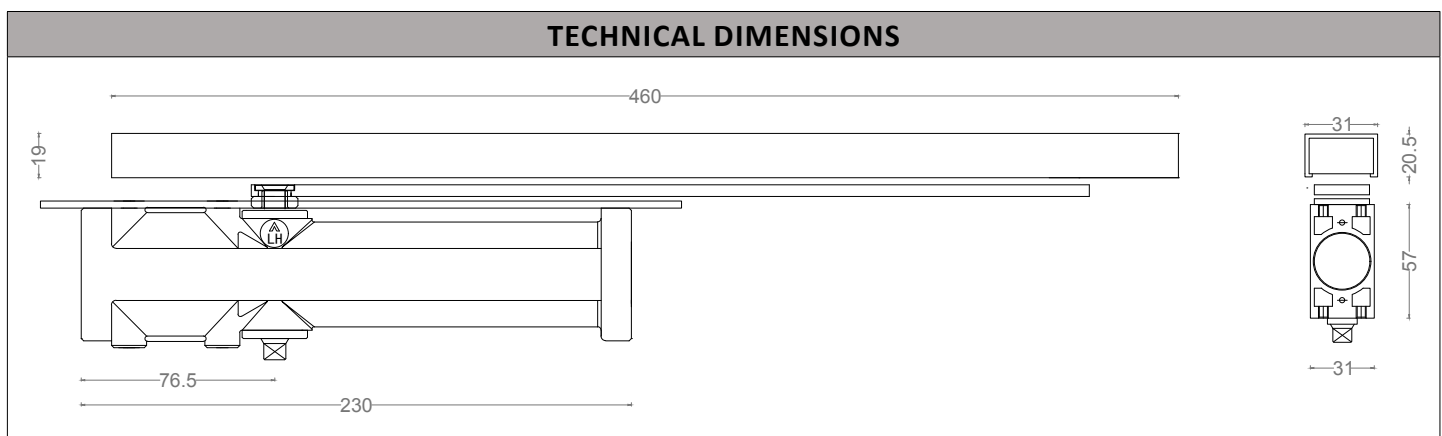
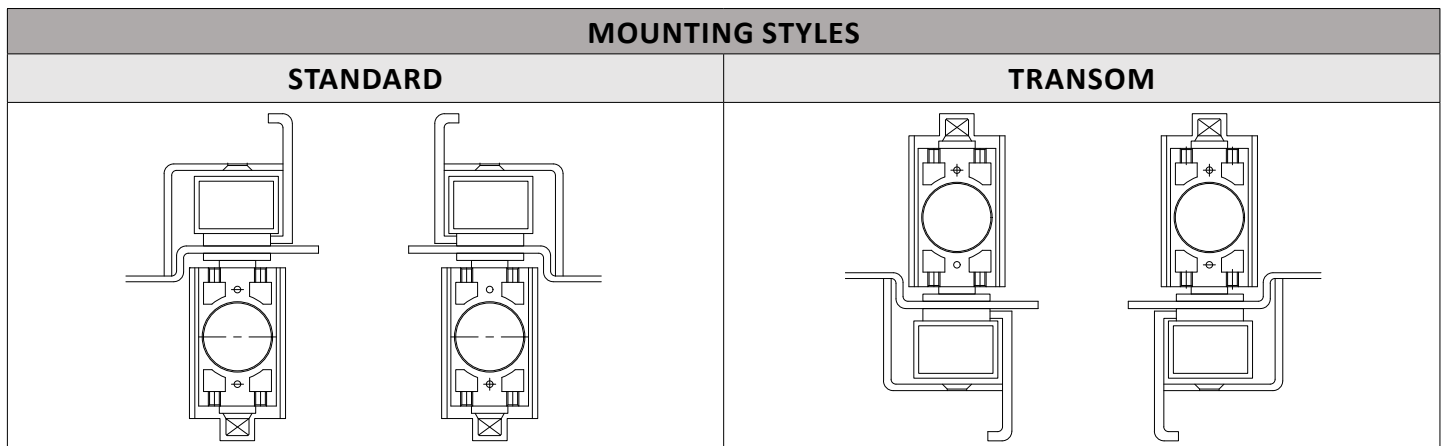


ITEM CODE: DC6203G



Features:

- Fixed power size 3.
- UL listed. UL10C 3 hours fire rated.
- UL file #: GVEV.R39005.
- Cast aluminium body. Non-handed.
- Standard sweep, latching speed, hold open function and guide rail.
- Regular and transom mounting installation.
- Standard finish: Silver (Aluminium-SE).
- Other finishes are available upon request.



MODEL#	CLOSER SIZE	MAX. DOOR WEIGHT (KG)	MAXIMUM WIDTH OF DOOR(MM)
DC6203G	3	45	863.6 to 965.5

ITEM CODE: DC6224BCG

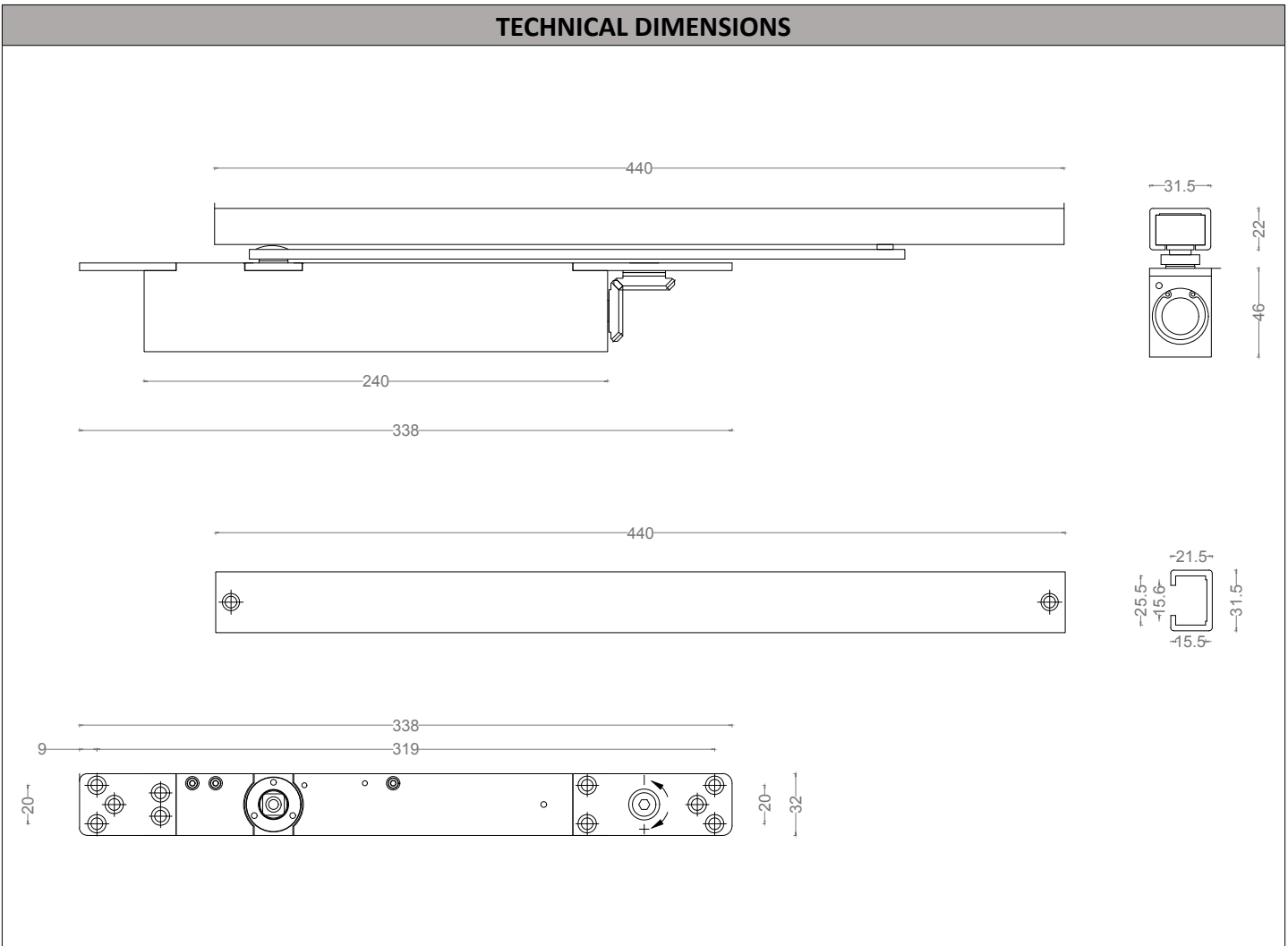


Features:

- Overhead concealed cam action door closer.
- Adjustable power size 2-4.
- Standard adjustable sweep and latching speed.
- CE marked: 0905-CPR-192576-01
- Tested and certified to BS EN 1154:1996/A1:2002/AC: 2006 & BS EN 1634-1:2014.
- DoP (Declaration of Performance) available on website or on request.
- UL listed. UL10C 3 hours fire rated.
- Tested to meet ANSI A156.4 Grade 3. UL file # FUOR.R39005.
- UL file #: GVEV.R39005.
- BHMA CERTIFIED.
- Extruded aluminium body.
- Maximum opening angle 120 degree.
- Standard adjustable backcheck. Guide rail. Non- handed.
- Suitable for door thickness 44 mm and above. Standard wood and machine screws pack.
- Standard finish: Silver (Aluminium- SE).
- Other finishes are available upon request.



MOUNTING STYLES	
STANDARD	TRANSOM



As per ANSI Standard:

MODEL#	CLOSER SIZE	MAX. DOOR WEIGHT (KG)	MAXIMUM WIDTH OF DOOR(MM)
DC6224BCG	2-4	36 - 57	609.6 - 965

As per EN Standard:

CATEGORY OF USE	NUMBER OF TEST CYCLES	TEST DOOR MASS/ SIZE	FIRE BEHAVIOUR	SAFETY	CORROSION RESISTANCE
3	8	2/4	1 ^a	1	4

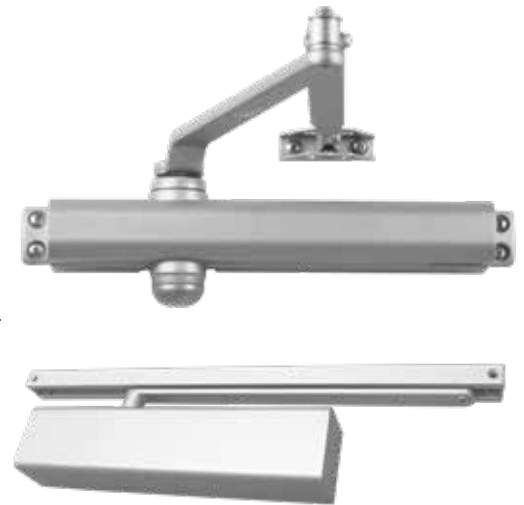
Door closer power size: leaf maximum width 1100mm, test door mass 80kg.

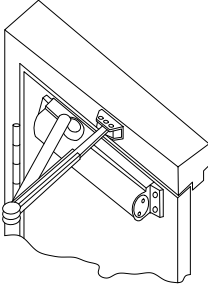
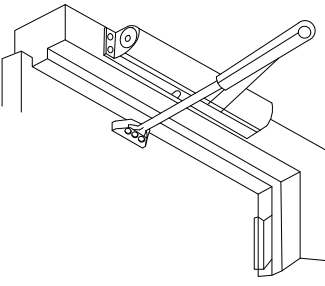
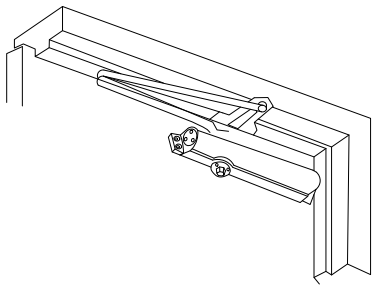
ITEM CODE: DC8316 RANGE

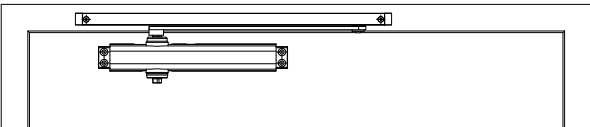
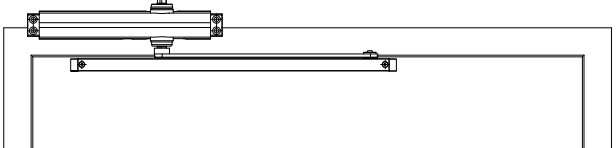


Features:

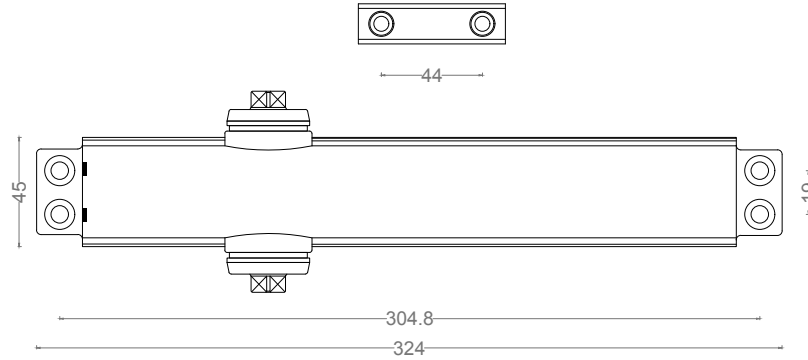
- Adjustable power size 1-6. Standard sweep and latching speed.
- UL listed. UL10C 3 hours fire rated. UL file #: GVEV.R39005
- Tested to meet ANSI A156.4 Grade 1. UL file # FUOR.R39005
- ADA compliant (American with Disabilities Act), extracted from ICC (International Code Council) A117.1.
- BHMA CERTIFIED
- Stainless steel covers are available. Closer projection: 56 mm.
- Closer body in: Cast aluminium. Closer arm in: Stamped steel. Non-handed.
- Standard adjustable backcheck, full cover, self-tapping and drilling screws, sex nuts & bolts.
- Available with slide arm/guide rail.
- Standard tri-packed for regular arm, top jamb and parallel arm application.
- Optional features: delayed action.
- Standard finish: Silver (Aluminium-SE). Other finishes are available upon request.



MOUNTING STYLES FOR DC8316BC		
		
REGULAR ARM INSTALLATION CLOSER IS INSTALLED ON PULL/HINGE SIDE OF DOOR	TOP JAMB INSTALLATION CLOSER IS INSTALLED ON FRAME ON PUSH SIDE OF DOOR	PARALLEL ARM INSTALLATION CLOSER IS INSTALLED ON PUSH SIDE OF DOOR

MOUNTING STYLES FOR DC8316BC-G	
PULL SIDE	TOP JAMB (PULL SIDE)
	

TECHNICAL DIMENSIONS





SELECTION CHART

MODEL#	ANSI CLOSER SIZE	REMARK
DC8316	1-6	Tri-Packed, Backcheck, ADA compliant, BHMA CERTIFIED
DC8316DA	1-6	Tri-Packed, Backcheck, delayed action, ADA compliant, BHMA CERTIFIED
DC8316BC-G	1-6	Tri-Packed, Backcheck, effective power size 1-4 due to guide rail installation, with hold open function

CLOSER SIZE	REGULAR & TOP JAMB MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2	609 to 863.6		36
3	863.6 to 965.5	609 to 762	45
4	965.5 to 1219.2	762 to 914.4	57
5	1219.2 to 1371.6	914.4 to 1066.8	70
6	1371.6 to 1524	1066.8 to 1219.2	82

CLOSER SIZE	PARALLEL ARM MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2			
3	609 to 863.6		36
4	863.6 to 965.5	609 to 762	45
5	965.5 to 1219.2	762 to 914.4	57
6	1219.2 to 1371.6	914.4 to 1066.8	70

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Drop Plate for Regular Arm mounting		83-DPRA
Drop Plate for Top Jamb mounting		83-DPTJ
Drop Plate for Parallel Arm mounting		83-DPPA
Friction Type-Hold Open Arm		83-FHOA
Parallel Arm Bracket for 83-FHOA		PAB
Adjustable Hold Open Arm		9689-AHO
Heavy Duty Parallel Arm with Dead Stop		9689-CSA

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Heavy Duty Parallel Arm with Spring Cush Dead Stop		9689-SCDS
Heavy Duty Hold Open Parallel Arm with Dead Stop		9689-CSHO
Heavy Duty Hold Open Parallel Arm With Spring Cush Dead Stop		9689-CSHO-5950
Friction Type hold open Arm (Push side)		96-FHO
Cush Stop Arm With Regular Arm		9689-ISH
Spring Cushion for Cush or Cush Hold Open Arm		5590
Slim Plastic Cover		96-C-SP

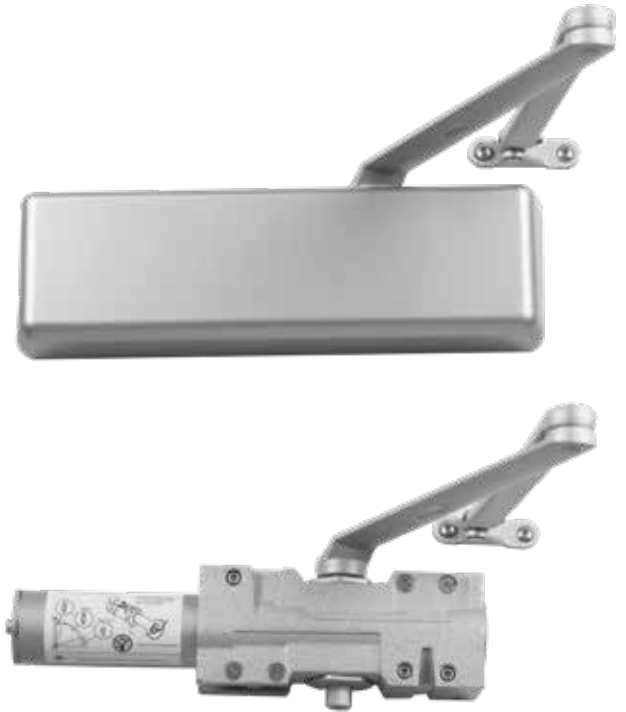
OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Stainless Steel Cover		83-SS
Sex Nuts- 4 PCS/PACK		SN
Blade Stop Spacer		1719-BSS
Extended Long Rod and Shoe Length 343.6 mm Top jamb reveal: 4 inches thru 8 inches		19-ELR
Parallel Arm Bracket		PABX

ITEM CODE: DC8416 RANGE



Features:

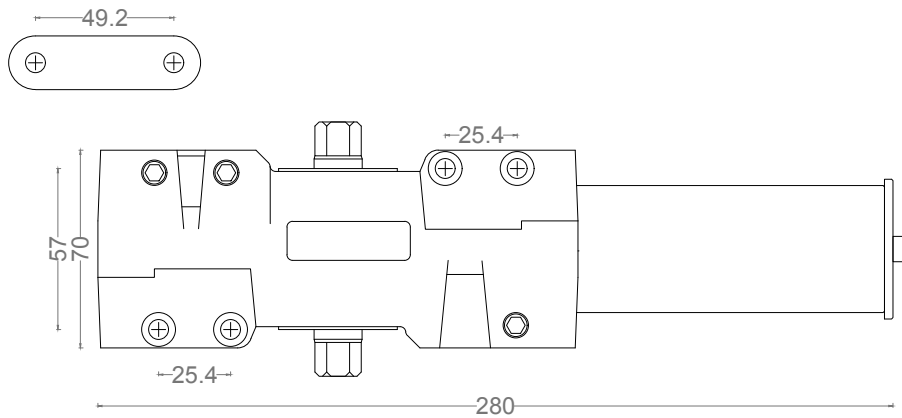
- Adjustable power size 1 - 6.
- Standard sweep and latching speed.
- UL listed. UL10C 3 hours fire rated.
- UL file number: GVEV.R39005.
- Tested to meet ANSI A156.4 Grade 1. UL file # FUOR.R39005.
- ADA Compliant (American with Disabilities Act), extracted from ICC (International Code Council) A117.1. Meets 5 lbs opening force for DC8416 and DC8416DA.
- BHMA CERTIFIED.
- Projection from door: 51 mm
- Closer body in: Cast Iron. Closer arm in: Forget Steel. Non-handed.
- Standard backcheck and full plastic cover.
- Standard tri-packed for regular arm, top jamb and parallel arm application.
- Standard packing including sex nuts and bolts.
- Optional features: Delayed action.
- Standard finish: Silver (Aluminium-SE).
- Other finishes are available upon request.



MOUNTING STYLES

<p>Regular arm-Pull Side</p>	<p>Top Jamb-Push Side</p>	<p>Parallel arm-Push Side</p>

TECHNICAL DIMENSIONS










A. LENGTH OF CLOSER BODY: 280 MM	B. HORIZONTAL MOUNTING HOLES: 25.4 MM
C. VERTICAL MOUNTING HOLES: 57 MM	D. CLOSER BODY HEIGHT: 70 MM
E. PROJECTION FROM DOOR: 51 MM	F. ARM SHOE SPACING: 49.2 MM

SELECTION CHART




Model#	ANSI CLOSER SIZE	REMARK
DC8416	1-6	Tri-Packed, Backcheck, ADA compliant, BHMA CERTIFIED
DC8416DA	1-6	Tri-Packed, backcheck, Delayed Action, ADA compliant, BHMA CERTIFIED

CLOSER SIZE	REGULAR & TOP JAMB MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2	609 to 863.6		36
3	863.6 to 965.5	609 to 762	45
4	965.5 to 1219.2	762 to 914.4	57
5	1219.2 to 1371.6	914.4 to 1066.8	70
6	1371.6 to 1524	1066.8 to 1219.2	82

CLOSER SIZE	PARALLEL ARM MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2			
3	609 to 863.6		36
4	863.6 to 965.5	609 to 762	45
5	965.5 to 1219.2	762 to 914.4	57
6	1219.2 to 1371.6	914.4 to 1066.8	70

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
<p>Drop Plate-Regular arm Mount Required for hinge side mount when top rail is less than 3 3/4" Plate require 2" minimum top rail</p>		84-DPRA
<p>Drop Plate-Low Clearance For use when ceiling clearance prevents normal top jamb mounting For use when overhead door holder prevents normal top jamb mounting</p>		84-DPLR
<p>Drop Plate-Pop Jamb mount Required for top jamb when frame face is less than 3 1/2" (89mm) Plate require 1 3/4" minimum frame face For use with plastic cover</p>		84-DPPJ
<p>Drop Plate-Parallel Arm mount Required for parallel arm when top rail is less than 5 1/2", measured from the stop Plate require 2" minimum top rail</p>		84-DPPA
<p>Friction type-Hold open arm With P.A.B</p>		84-FHOA
<p>Parallel Arm Bracket for 84-FHOA</p>		PAB
<p>Heavy Duty Parallel Arm</p>		84-HDPA

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Heavy Duty Parallel Arm with Dead Stop		84-CSA
Heavy Duty Parallel Arm with Spring Cush Dead Stop		8489-SCDS
Heavy Duty Hold Open Parallel Arm with Dead Stop		8489-CSHO
Heavy Duty Hold Open Parallel Arm with Spring Cush Dead Stop		8489-CSHO-5950
Stainless Steel Cover		84-SS
Spring Cushion for Cush or Cush Hold Open Arm		5590
Blade Door Spacer		1720-Bss

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Cush Shoe Support		84-CSS
Extended Long Rod and Shoe Length 217.1 mm Top jamb reveal: 2 5/8 inches thru 4 13/16 inches		84-ELR
Extra Extended Long Rod and Shoe Length 314 mm Top jamb reveal: 4 7/8 inches thru 8 inches		84-EELR

ITEM CODE: DC8900 RANGE



Features:

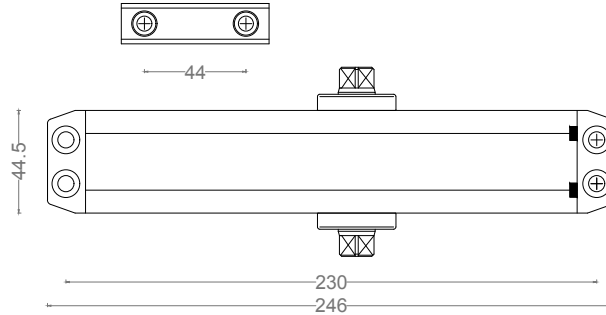
- Fixed power size 3, 4 or 5 and adjustable power
- Size 1-4, 1-5, 1-6 or 3-6.
- Standard sweep and latching speed.
- UL listed (all models). UL10C 3 hours fire rated.
- UL file #: GVEV.R39005
- Tested to meet ANSI A156.4 Grade 1.UL file # FUOR. R39005.
- ADA compliant (American with Disabilities Act), extracted from ICC (International Code Council) A117.1. Meets 5 lbs opening force.
- BHMA CERTIFIED.
- Stainless steel covers are available. Guide rail is available.
- Closer body in: Cast aluminium. Closer arm in: Forged steel. Non-handed.
- Standard adjustable backcheck.
- Standard tri-packed for regular arm, top jamb and parallel arm application.
- Standard self-tapping and drilling screws.
- Standard finish: Silver (Aluminium- SE).
- Other finishes are available upon request.



MOUNTING STYLES

<p>REGULAR ARM INSTALLATION CLOSER IS INSTALLED ON PUL/HINGE SIDE OF DOOR</p>	<p>TOP JAMB INSTALLATION CLOSER IS INSTALLED ON FRAME ON PUSH SIDE OF DOOR</p>	<p>PARALLEL ARM INSTALLATION CLOSER IS INSTALLED ON PUSH SIDE OF DOOR</p>

TECHNICAL DIMENSIONS



A. LENGTH OF CLOSER BODY: 248 MM	B. HORIZONTAL MOUNTING HOLES: 230 MM
C. VERTICAL MOUNTING HOLES: 19 MM	D. CLOSER BODY HEIGHT: 46 MM
E. PROJECTION FROM DOOR: 70 MM	F. ARM SHOE SPACING: 44 MM

MODEL#	ANSI CLOSER SIZE	REMARK
DC8902	2	Tri-Packed
DC8903	3	Tri-Packed
DC8903BC	3	Tri-Packed with Backcheck
DC8904BC	4	Tri-Packed with Backcheck
DC8905BC	5	Tri-Packed with Backcheck
DC8914BC	1-4	Tri-Packed with Backcheck, ADA compliant
DC8915BC	1-5	Tri-Packed with Backcheck
DC8936BC	3-6	Tri-Packed with Backcheck
DC8916BC	1-6	Tri-Packed with Backcheck, BHMA CERTIFIED

CLOSER SIZE	REGULAR & TOP JAMB MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2	609 to 863.6		36
3	863.6 to 965.5	609 to 762	45
4	965.5 to 1219.2	762 to 914.4	57
5	1219.2 to 1371.6	914.4 to 1066.8	70
6	1371.6 to 1524	1066.8 to 1219.2	82

CLOSER SIZE	PARALLEL ARM MINIMUM - MAXIMUM WIDTH OF DOOR(MM)		MAX. DOOR WEIGHT (KG)
	INTERIOR	EXTERIOR OR VESTIBULE DOORS	
2			
3	609 to 863.6		36
4	863.6 to 965.5	609 to 762	45
5	965.5 to 1219.2	762 to 914.4	57
6	1219.2 to 1371.6	914.4 to 1066.8	70

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
3 ½ inch Tall Drop Plate Parallel Arm Mount		89-DPPA
2 9/16 inches Tall Narrow Drop Plate Regular and Top Jamb Mount		89-DPNRTJ
Friction type-Hold Open Arm		89-FHOA
Parallel Arm Bracket for 89-FHOA		PAB
Adjustable Hold Open Arm		9689-AHO
Heavy Duty Parallel Arm with Dead Stop		9689-CSA
Heavy Duty Parallel Arm with Spring Cush Dead Stop		9689-SCDS

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
Heavy Duty Hold Open Parallel Arm with Dead Stop		9689-CSHO
Heavy Duty Hold Open Parallel Arm With Spring Cush Dead Stop		9689-CSHO-5950
Spring Cushion for Cush or Cush Hold Open Arm		5590
Full Plastic Cover		89-FPC
Slim Plastic Cover		SPC
Sex Nuts- 4 PCS/PACK		SN
Blade Stop Spacer		1719-BSS

OPTIONAL ACCESSORIES		
DESCRIPTION	PRODUCT	PRODUCT CODE
<p>EXTENDED LONG ROD AND SHOE LENGTH 358.8 MM TOP JAMB REVEAL: 4 INCHES THRU 8 INCHES</p>		ELRS
<p>STAINLESS STEEL COVER</p>		85-SS
<p>PARALLEL ARM BRACKET</p>		PABX
<p>Cush Stop Arm With Regular Arm</p>		9689-ISH

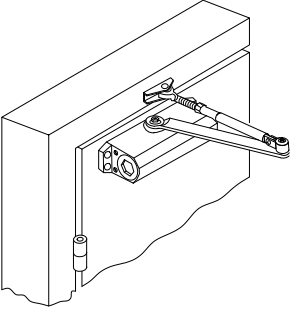
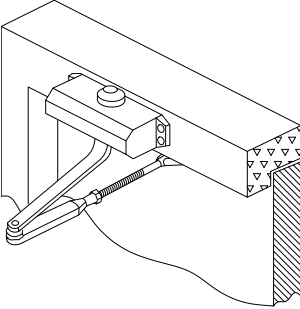
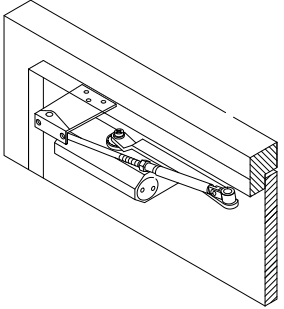
ITEM CODE: DCR RANGE

EN 1634-1  

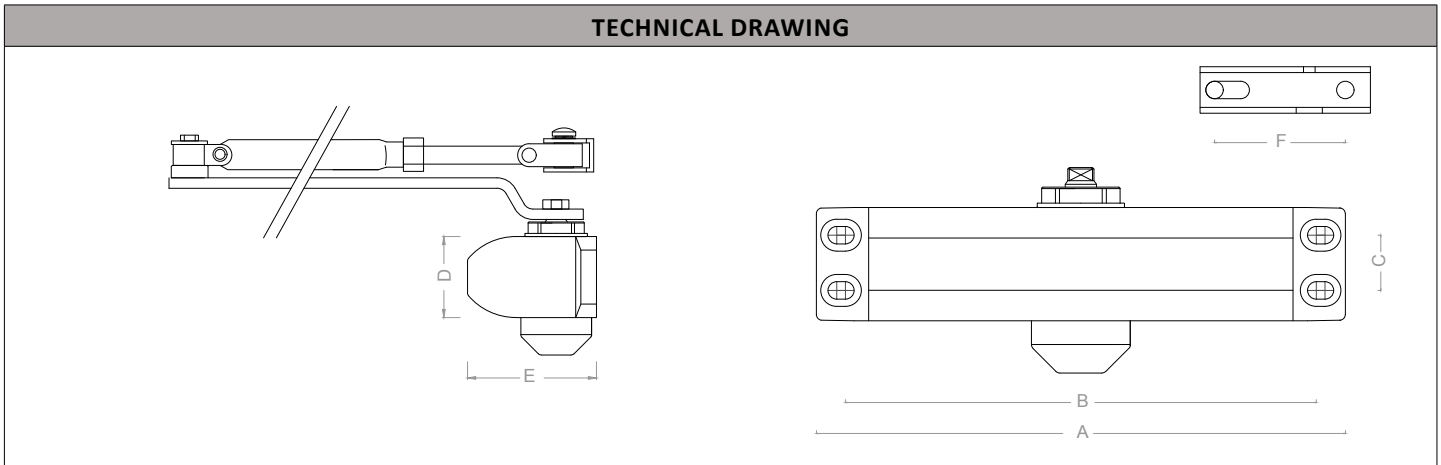
Features:

- Fixed power size 2/3/4/5/ or 6.
- Power size by template (2,3 and 4 for DCR3).
- Adjustable close/sweep and latch speed.
- UL listed. UL10C up to 3 hours fire rated.
- Fire rated up to 4 hours to EN 1634-1:2014 (E and EI fire doors).
- UL file number: GVEV.R39005
- Non-handed.
- High strength die cast aluminium body
- Standard package: Regular and top jamb installation.
- Optional mounting: Parallel bracket for parallel arm installation. Hold open arm for DCR2 & DCR3.
- Optional: ABS cover
- Standard finish: Silver (Aluminium-SE).
- Other finishes are available upon request.



FIG1	FIG61	FIG66
		
REGULAR ARM INSTALLATION CLOSER IS INSTALLED ON PULL/HINGE SIDE OF DOOR	TOP JAMB INSTALLATION CLOSER IS INSTALLED ON FRAME ON PUSH/STOP SIDE OF DOOR	PARALLEL ARM INSTALLATION CLOSER IS INSTALLED ON PUSH/STOP SIDE OF DOOR

PARALLEL ARM BRACKET	ABS COVER	HOLD OPEN ARM FOR DCR2 & DCR3
		



A.	LENGTH OF CLOSER BODY	B.	HORIZONTAL MOUNTING HOLES SPACING
C.	VERTICAL MOUNTING HOLES SPACING	D.	CLOSER BODY HEIGHT
E.	PROJECTION FROM DOOR	F.	ARM SHOE SPACING

Model#	TECHNICAL DIMENSIONS MINIMUM - MAXIMUM WIDTH OF DOOR (MM)						CLOSER SIZE	STANDARD & TOP JAMB		MAX. DOOR WEIGHT (KG)
	A	B	C	D	E	F		INTERIOR	EXTERIOR OR VESTIBULE DOORS	
	DCR2	147	132	19	36	56		44	2	609 to 863.6
DCR3	178	162	19	39	62	44	3	863.6 to 965.5	609 to 762	45
DCR4	204	188	19	42	71	44	4	965.5 to 1219.2	762 to 914.4	57
DCR5	226	208	19	16	72	44	5	1219.2 to 1371.6	914.4 to 1066.8	70
DCR6	248	230	19	46	72	44	6	1371.6 to 1524	1066.8 to 1219.2	82

Model#	TECHNICAL DIMENSIONS MINIMUM - MAXIMUM WIDTH OF DOOR (MM)						CLOSER SIZE	PARALLEL ARM		MAX. DOOR WEIGHT (KG)
	A	B	C	D	E	F		INTERIOR	EXTERIOR OR VESTIBULE DOORS	
	DCR2	147	132	19	36	56		44	2	
DCR3	178	162	19	39	62	44	3	609 to 863.6		36
DCR4	204	188	19	42	71	44	4	863.6 to 965.5	609 to 762	45
DCR5	226	208	19	16	72	44	5	965.5 to 1219.2	762 to 914.4	57
DCR6	248	230	19	46	72	44	6	1219.2 to 1371.6	914.4 to 1066.8	70

DCR2 - HOLES PATTERN: 132X19 MM



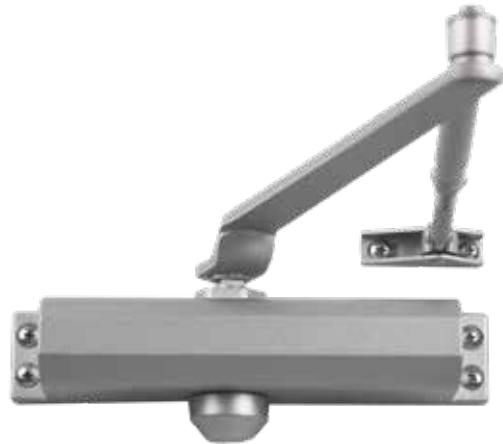
DCR3- HOLES PATTERN: 165X19 MM



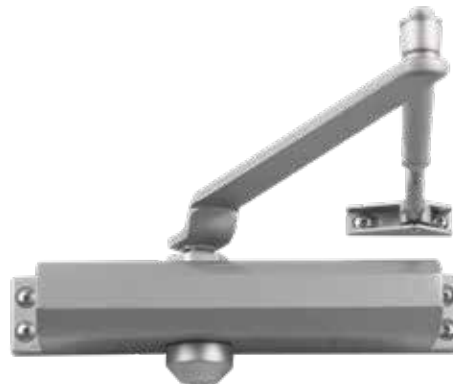
DCR4- HOLES PATTERN: 188X19 MM



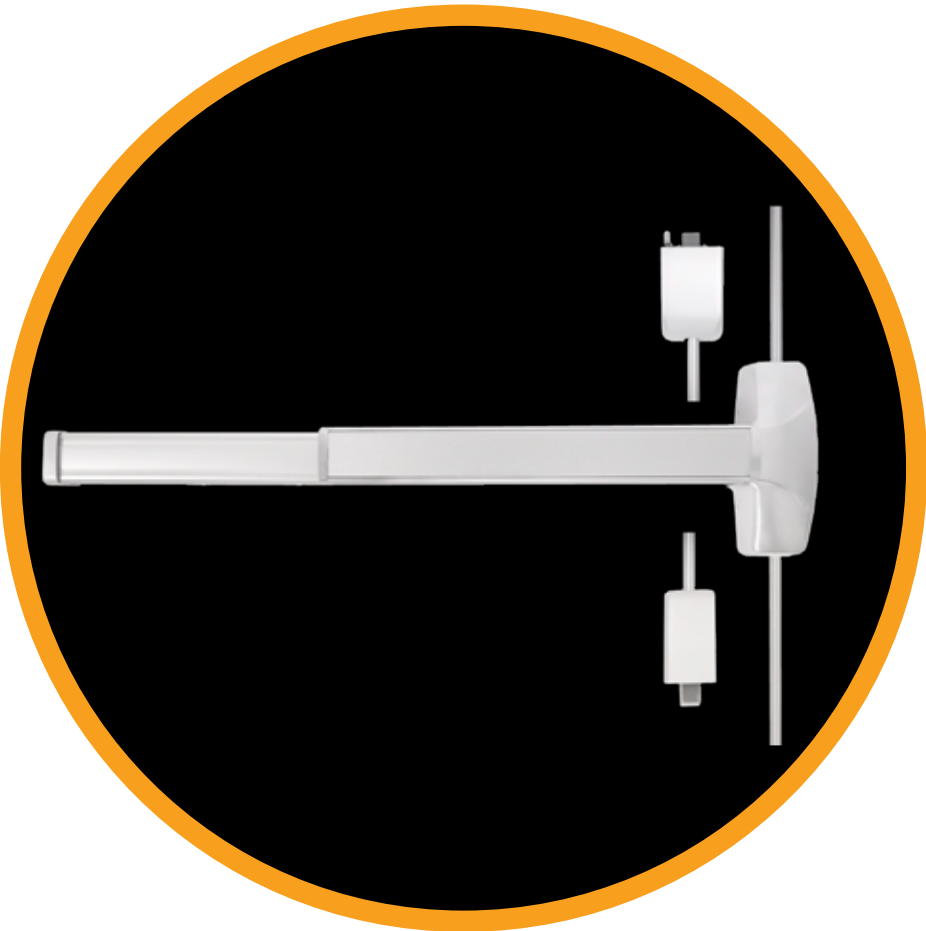
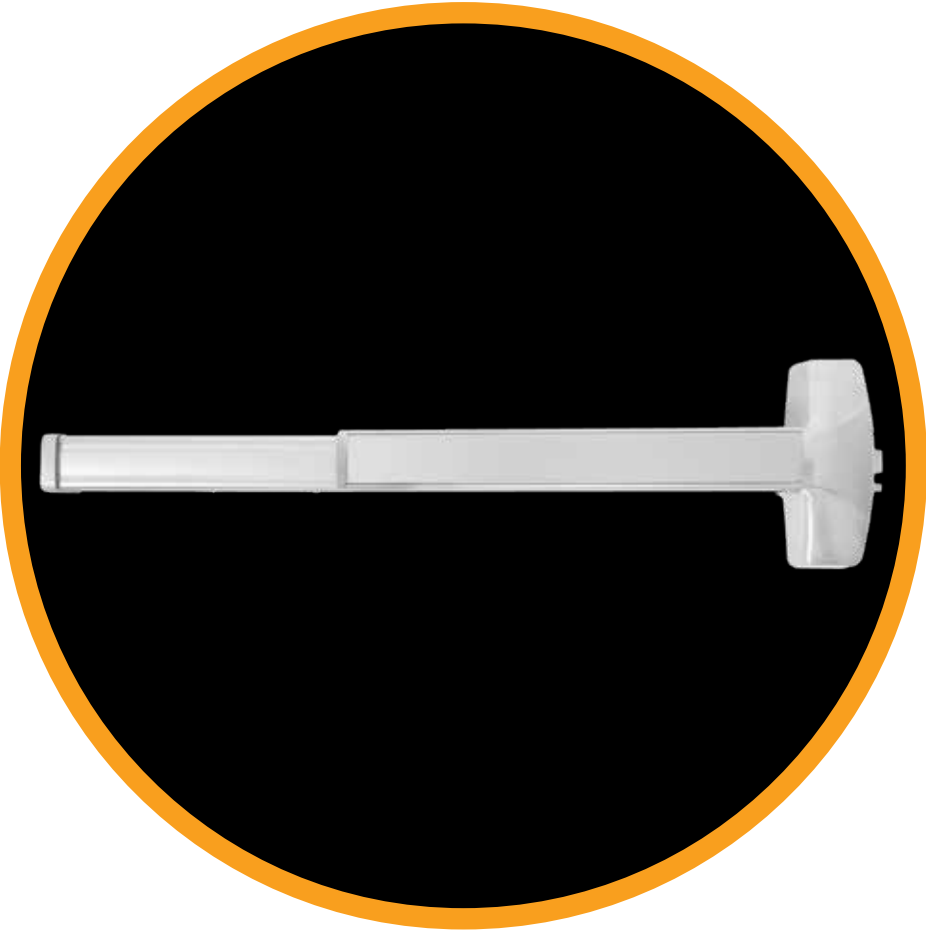
DCR5- HOLES PATTERN: 208X19 MM



DCR6- HOLES PATTERN: 230X19 MM



**FIRE EXIT HARDWARE
SERIES FEH**

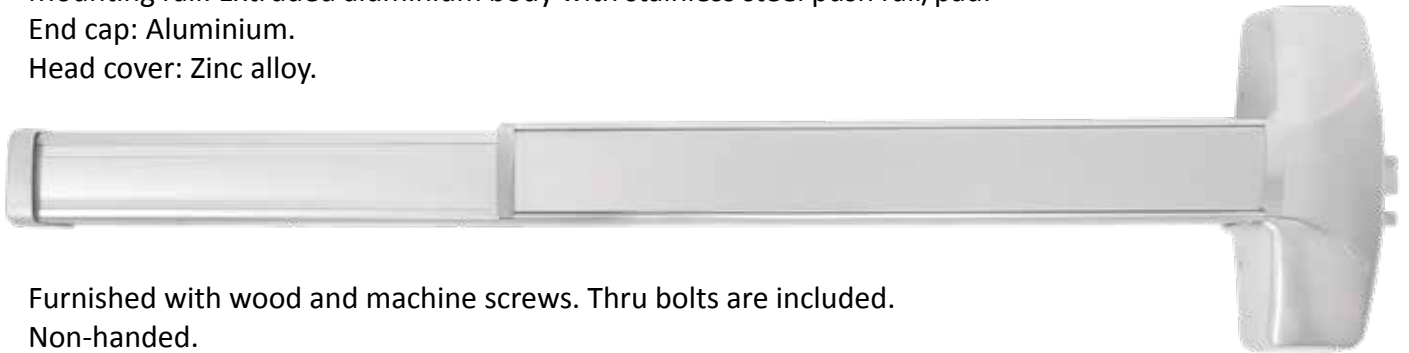


ITEM CODE: 1000RT SERIES

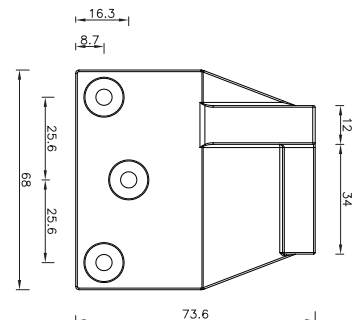
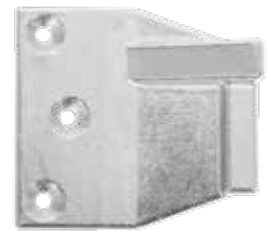


Features:

- Fire exit hardware, Type 1 Rim.
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 8' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.
- Doors thickness: 1 3/4" (44.45 mm). Minimum stile width: 4 1/2" (114.3 mm) using standard DT011. Extension kit is available for door thickness up to 93 mm (sold separately).
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.



- Furnished with wood and machine screws. Thru bolts are included.
- Non-handed.
- Latch bolt: Stainless steel 3/4" (19 mm) projection with anti-pick feature.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" ((73mm).
- Overlapping strike (SPD159SN) for inactive leaf (sold separately).
- Push pad is available in two lengths:
 - For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- DELRK (electrified latch retraction kit), DREXKIT (Request to Exit kit) & DLBMKIT (Latch Bolt Monitoring kit) signal switches are available (sold separately).
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

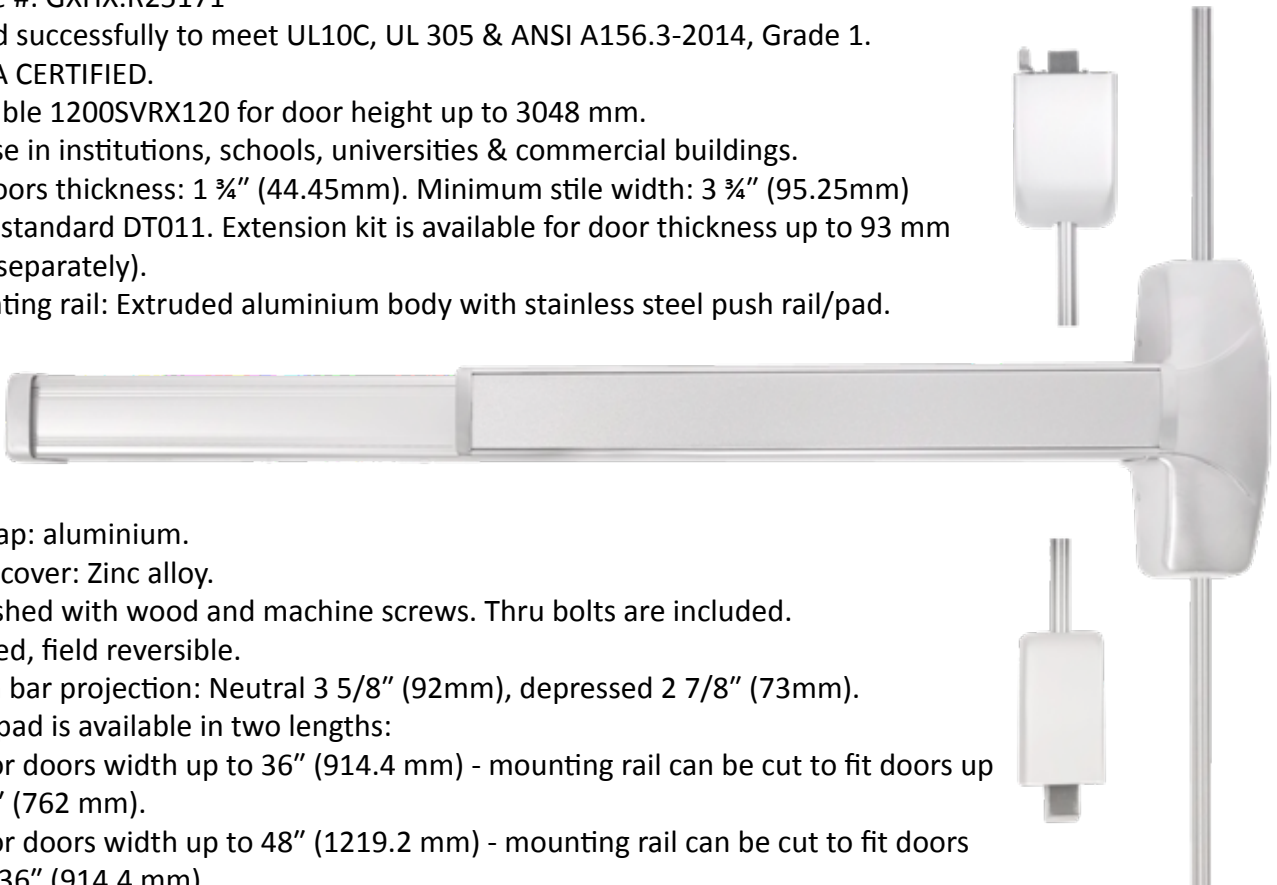


ITEM CODE: 1200SVR SERIES



Features:

- Fire exit hardware, Type 2 Surface Vertical Rod.
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 10' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- Available 1200SVRX120 for door height up to 3048 mm.
- For use in institutions, schools, universities & commercial buildings.
- For doors thickness: 1 3/4" (44.45mm). Minimum stile width: 3 3/4" (95.25mm) using standard DT011. Extension kit is available for door thickness up to 93 mm (sold separately).
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.



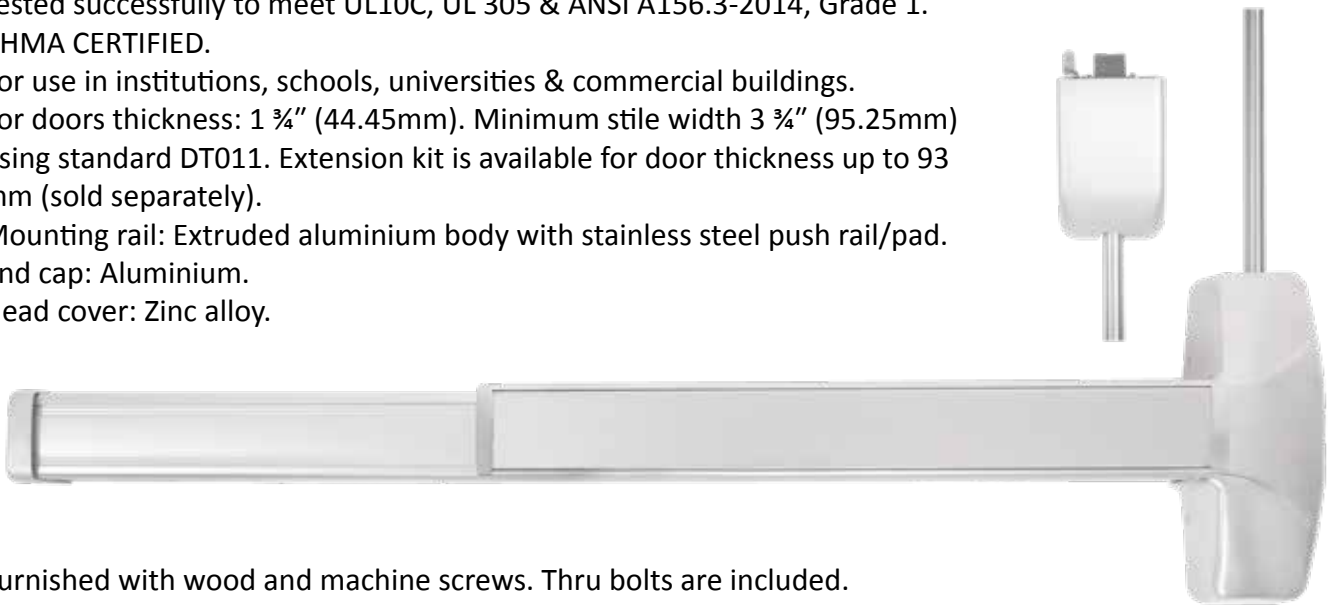
- End cap: aluminium.
- Head cover: Zinc alloy.
- Furnished with wood and machine screws. Thru bolts are included.
- Handed, field reversible.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- DELRK (electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available (sold separately).
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

ITEM CODE: 1200SVRLBR SERIES



Features:

- Fire exit hardware, Type 2 Surface Vertical Top Rod Less Bottom Rod.
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 8' double doors.
- UL file #: GXHX.R25171.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.
- For doors thickness: 1 3/4" (44.45mm). Minimum stile width 3 3/4" (95.25mm) using standard DT011. Extension kit is available for door thickness up to 93 mm (sold separately).
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.



- Furnished with wood and machine screws. Thru bolts are included.
- Auxiliary latch bolt DAUXFL inside the packaging.
- Handed, field reversible.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- DELRK (electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).



EXTERNAL TRIM, ESCUTCHEON TRIM & PULL DESIGN FOR 1000RT, 1200SVR SERIES

- Rigid, non-clutch mechanism.
- Double heavy-duty spring support to prevent sagging and enhance operation.
- Thru-bolted design. Easily field reversible.
- Hardened steel heavy-duty tailpiece.
- Electrified escutcheon trim, fail safe (DT011EL) or fail secure (DT011EU).
- DT011: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT011S: Rigid storeroom, key unlocks lever, lever retracts latchbolt, otherwise always locked.
- DT011P: Without cylinder, passage, trim always operable and free.
- DT011D: Dummy escutcheon trim, one sided.

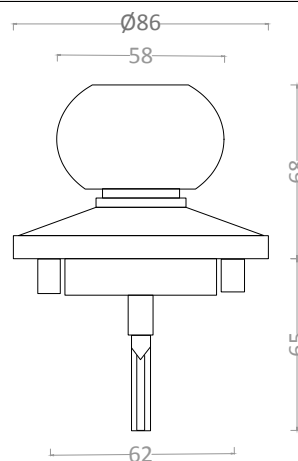


- DPT011P: Pull trim, nightlatch (outside by pull & key, key retracts latchbolt).
- DPT011: Pull trim, pull when dogged.
- Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Available with U tube lever handle with mortise cylinder.
- Available with Europrofile cylinder, 5 or 6 pins (not with U lever handle).
- Standard finish US26D, optional US32D for certain models.



EXTERNAL KNOB

- Non-handed.
- Cylindrical body hardened steel heavy-duty tailpiece.
- D3300KC3.5: Rose diameter 3.5", key retracts latchbolt, unlocks lever. Operates as classroom function, ANSI function 08.
- D3300KC3: Rose diameter 3", key retracts latchbolt, unlocks lever. Operates as classroom function, ANSI function 08.
- Keyway: Standard 6 pins
- Standard finish US26D.

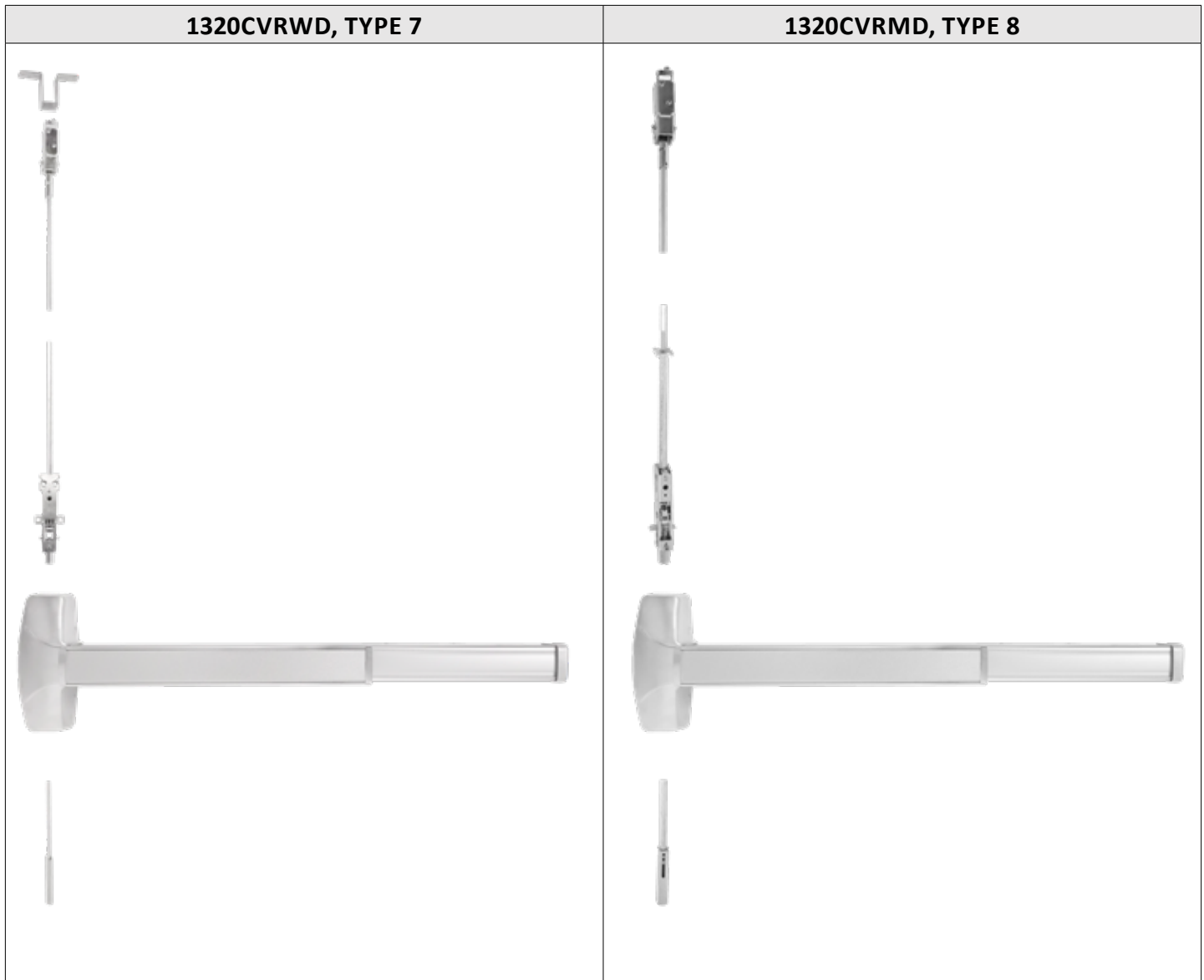


ITEM CODE: 1320CVRMD & 1320CVRWD SERIES



Features:

- Fire exit hardware, Type 7 (wood doors) and Type 8 (metal doors) Concealed Vertical Rod.
- UL file #: GXHX.R25171
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 10' double doors.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- Available 1320CVRMDX120 & 1320CVRWDX120 for door height up to 3048 mm.
- For use in institutions, schools, universities & commercial buildings.



- For doors thickness: 1 3/4" (44.45mm). Minimum stile width: 4 1/2" (114mm) using DT012. Outside trim DT012L is available for door thickness up to 64 mm.
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.
- Top and bottom bolts: Top and Bottom bolt travel 7/16" (11 mm). Projection adjustable up to 1" (25mm).
- Furnished with wood or machine screws. Thru bolts are included.
- Handed, field reversible.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- DELRK (Electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available.
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

EXTERNAL ESCUTCHEON TRIM DT012 SERIES

- Freewheeling, clutch mechanism (deters breaking lever when locked).
- Thru-bolted design. Easily field reversible.
- Hardened steel heavy-duty tailpiece.
- DT012: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT012S: Rigid storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked.
- DT012P: Without cylinder, passage, trim always operable and free.
- DT012D: Dummy escutcheon trim, one sided.
- Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D



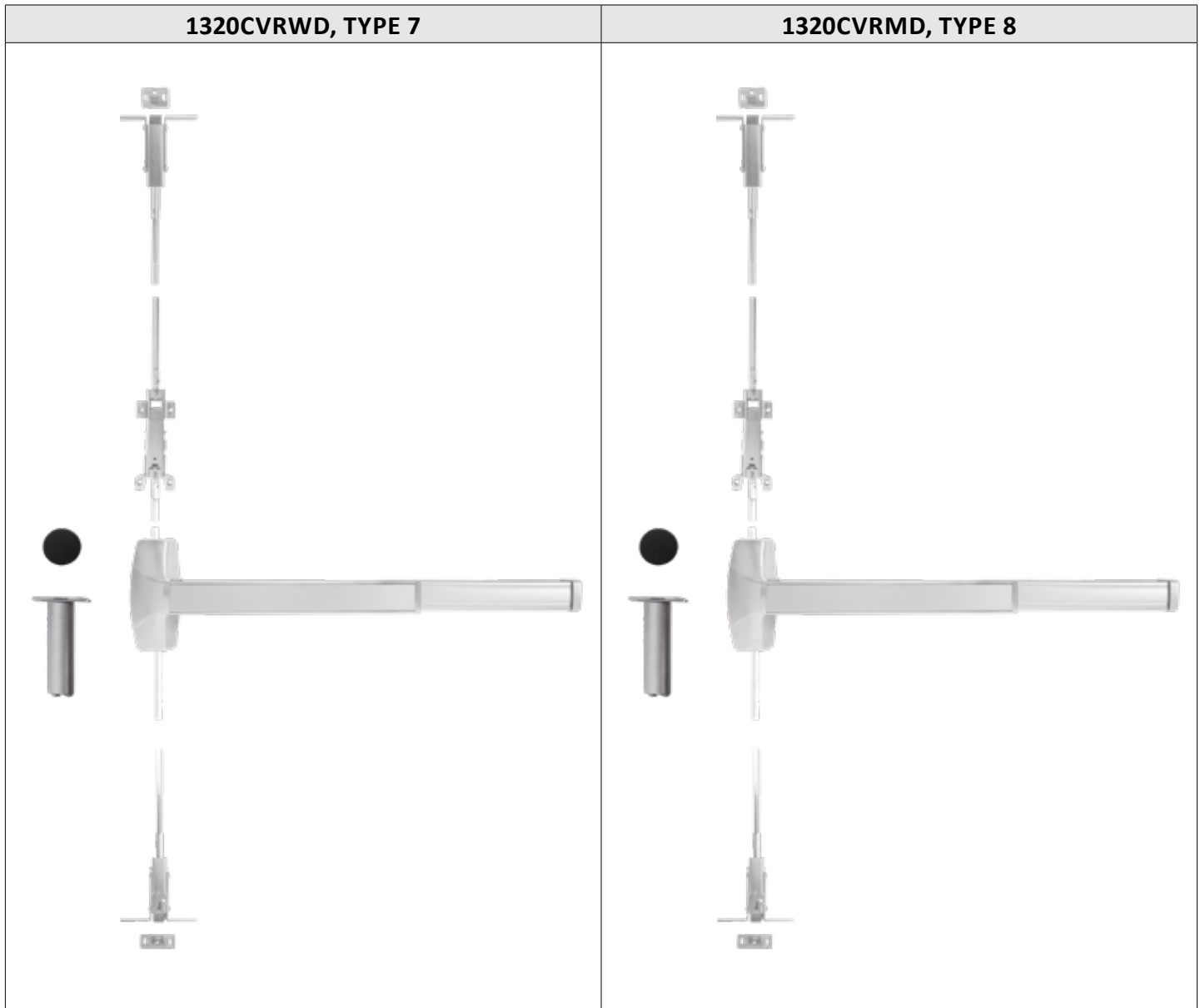
FIRE EXIT HARDWARE SERIES FEH

ITEM CODE: 1320CVRMD-2/TP & 1320CVRWD-2/TP SERIES



Features:

- Fire exit hardware, Type 7 (wood doors) and Type 8 (metal doors) Concealed Vertical Rod.
- UL file #: GXHX.R25171.
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 8' double doors.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.



- For doors thickness: 1 3/4" (44.45mm). Minimum stile width: 4 1/2" (114.3 mm) using standard DT012X.
- Auxiliary latch bolt DAUXFL inside the packaging, for 4 models.
- Optional with LBR (Less Bottom rod), item code 1320CVRMD-1/TPLBR (for steel doors- Type 8) and 1320CVRWD-1-TP/LBR (for wood doors-Type 7). No bottom strike is suitable for free access for wheel chairs, stretchers and carts which eliminates tripping and potential disfiguration of floors due to dragging of bottom bolts.
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.
- Furnished with wood and machine screws. Thru bolts are included.
- Handed, field reversible.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Available for door height 2133 mm (36 inches) and 2438 mm (96 inches).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- DELRK (Electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available.
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

EXTERNAL ESCUTCHEON TRIM DT012X SERIES

- Freewheeling, clutch mechanism (deters breaking lever when locked).
- Thru-bolted design. Easily field reversible.
- Hardened steel heavy-duty tailpiece.
- DT012X: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT012XS: Rigid storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked.
- DT012XP: Without cylinder, passage, trim always operable and free.
- DT012XD: Dummy escutcheon trim, one sided.
- Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D



ITEM CODE: 1110MLT SERIES



Features:

- Fire exit hardware, Type 3 mortise lock.
- Application: For wood/metal doors 1 3/4" (44.5mm) thickness. Minimum stile width: 4 1/2" (114mm) using DT013.
- Mortise backset: 2 3/4" (70mm).
- UL file #: GXHX.R25171
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 8' double doors.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.



- Furnished with wood and machine screws. Thru bolts are included.
- Mortise lock: Handed, non-field reversible.
- Strike: Standard ANSI strike.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can
- Cylinder dogging: Available for non-fire labelled devices.
- DELRK (Electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available.
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

EXTERNAL ESCUTCHEON TRIM DT013 SERIES

- Door thickness 1 3/4" (44 mm).
- Trim non-handed
- DT013: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT013S: Rigid storeroom, key retracts latchbolt, otherwise always locked.
- DT013P: Without cylinder, passage, trim always operable and free.
- DT013D: Dummy escutcheon trim, one sided.
- Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D



OPEN BACK STRIKE

RIGHT HAND REVERSE

LEFT HAND REVERSE



ITEM CODE: 1110MLTX SERIES

Features:

- Fire exit hardware, Type 3 mortise lock.
- Application: For wood/metal doors 1 3/4" (44.5mm) thickness.
- Mortise backset: 2 3/4" (70mm).
- UL file #: GXHX.R25171
- UL10C up to 3 hrs., for all types of 4'x 8' single doors and 8'x 8' double doors.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.
- Mounting rail: Extruded aluminium body with stainless steel push rail/pad.
- End cap: Aluminium.
- Head cover: Zinc alloy.
- Furnished with wood and machine screws. Thru bolts are included.



- Mortise lock: Easy field reversible.
- Mortise lock is available in two versions: Standard classroom (Entrance) or optional Storeroom function.
- Strike: Standard ANSI strike.
- Open back strike (handed) is available.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" (73mm).
- Push pad is available in two lengths:
 - o For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm).
 - o For doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors up to 36" (914.4 mm).
- Cylinder dogging: Available for non-fire labelled devices.
- DELRK (Electrified latch retraction kit) & DREXKIT (Request to Exit kit) signal switches are available.
- Standard finish: US32D. Other finishes are available upon request (MOQ is a must).

EXTERNAL ESCUTCHEON TRIM DT013X SERIES

- Door thickness 1 3/4" (44 mm).
- Trim non-handed
- DT013X: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT013XS: Rigid storeroom, key retracts latchbolt, otherwise always locked.
- DT013XP: Without cylinder, passage, trim always operable and free.
- DT013XD: Dummy escutcheon trim, one sided.
- Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D



OPEN BACK STRIKE

RIGHT HAND REVERSE

LEFT HAND REVERSE



ITEM CODE: 1000RTC SERIES

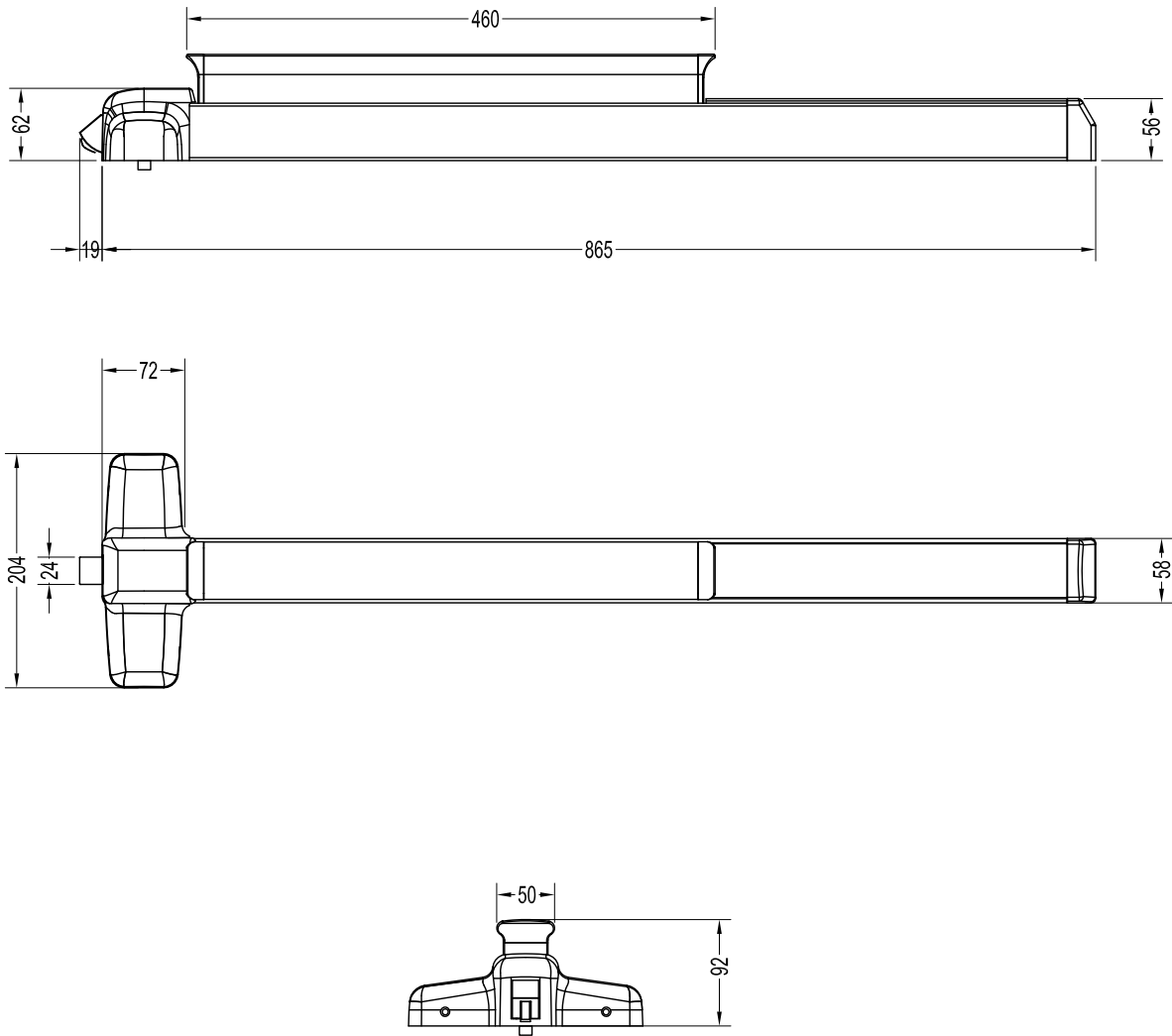
Features:

- Fire exit hardware, Type 1 Rim.
- Application: for wood/metal doors.
- UL LISTED, for all types of 4'x 8' single doors and 8'x 8' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.



- Doors thickness: 1 3/4" (44.45 mm).
- Non-handed.
- Latch bolt: Stainless steel 3/4" (19 mm) projection with anti-pick feature.
- Touch bar projection: neutral 92mm.
- Push pad is available in two lengths:
 - o For doors width between 635 and 914 mm - select 1000RTC-36.
 - o For doors width between 812 and 1219 mm - select 1000RTC-48.
- Push pad is available in two lengths: 460 mm (36") and 615 mm (48").
- Standard finish: US32D. Other finishes are available upon request.
- Available outside trims: DT009C series.

FIRE-EXIT HARDWARE 1000RTC-36



ITEM CODE: 1200SVRC SERIES

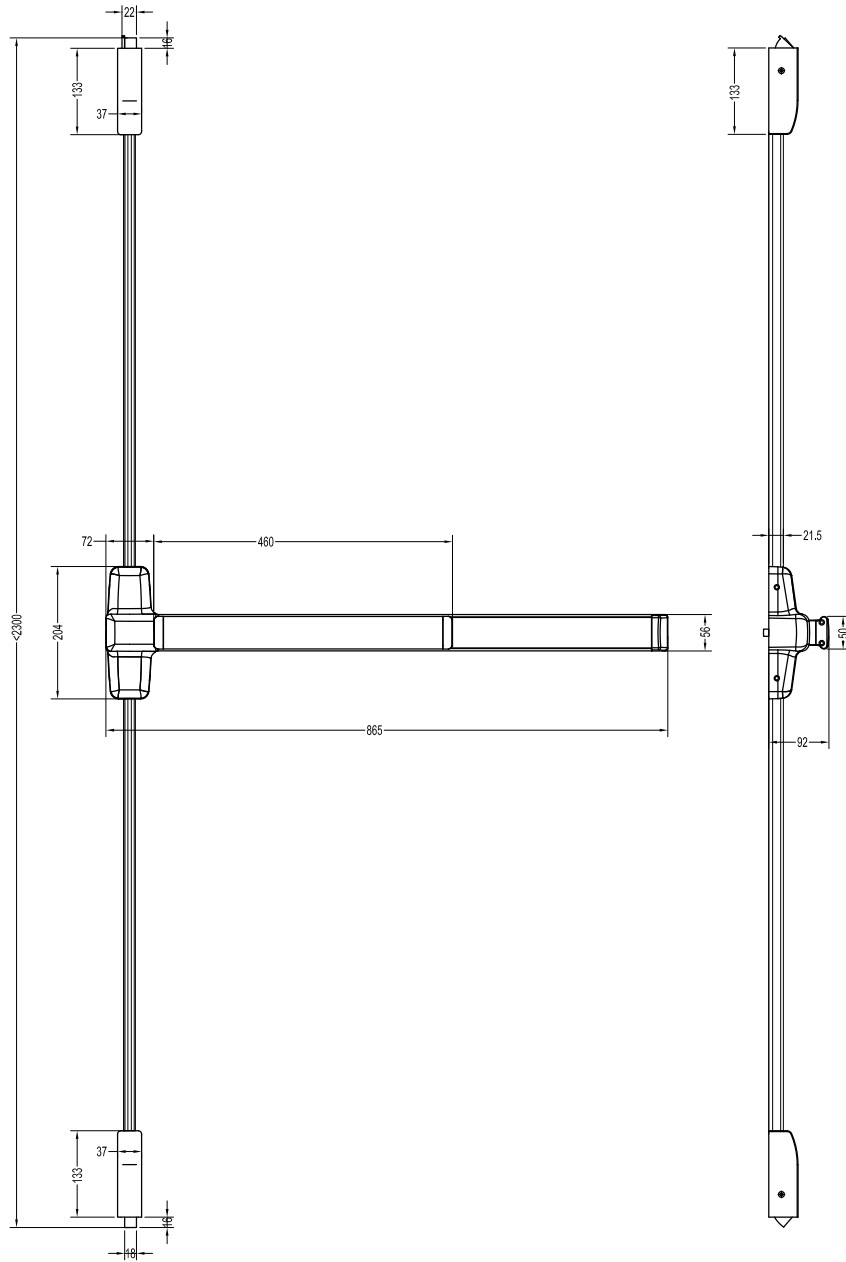
Features:

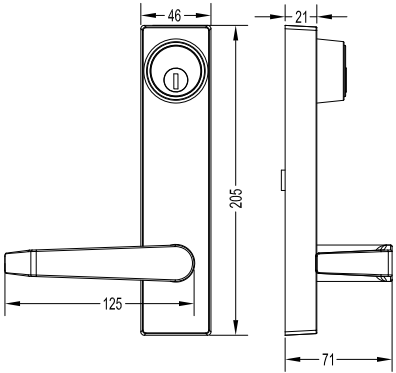
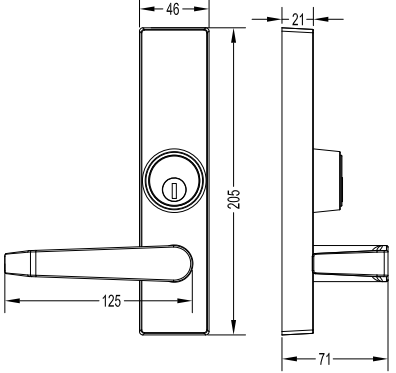
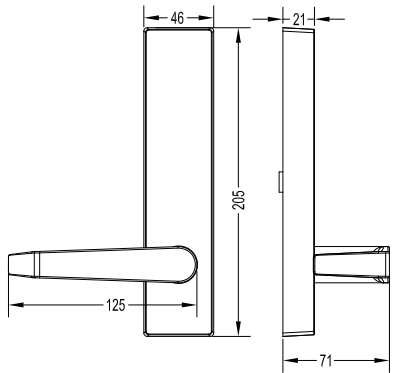
- Fire exit hardware, Type 2 Surface Vertical Rod.
- Application: for wood/metal doors.
- UL LISTED, for all types of 4'x 8' single doors and 8'x 7' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.

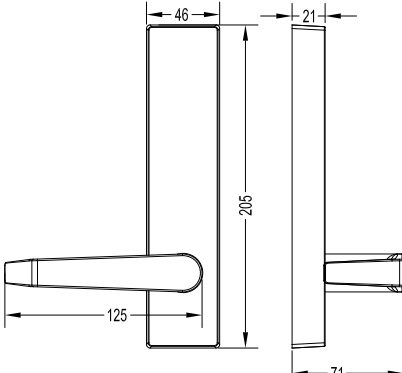
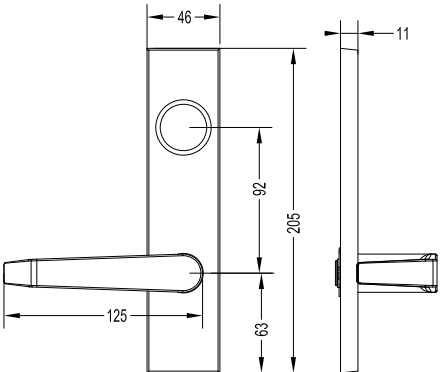


- Doors thickness: 1 ¾" (44.45 mm).
- Non-handed.
- Latch bolt: Stainless steel.
- Touch bar projection: neutral 92mm.
- Push pad is available in two lengths:
 - o For doors width between 635 and 914 mm - select 1200SVRC-36.
 - o For doors width between 812 and 1219 mm - select 1200SVRC-48.
- Push pad is available in two lengths: 460 mm (36") and 615 mm (48").
- Standard finish: US32D. Other finishes are available upon request.
- Available outside trims: DT009C series.

FIRE-EXIT HARDWARE 1200SVRC-36



DT009C-CR (CLASSROOM)	DT009C-NL/ST (NIGHTLATCH)	DT009C-PA (PASSAGE)
		

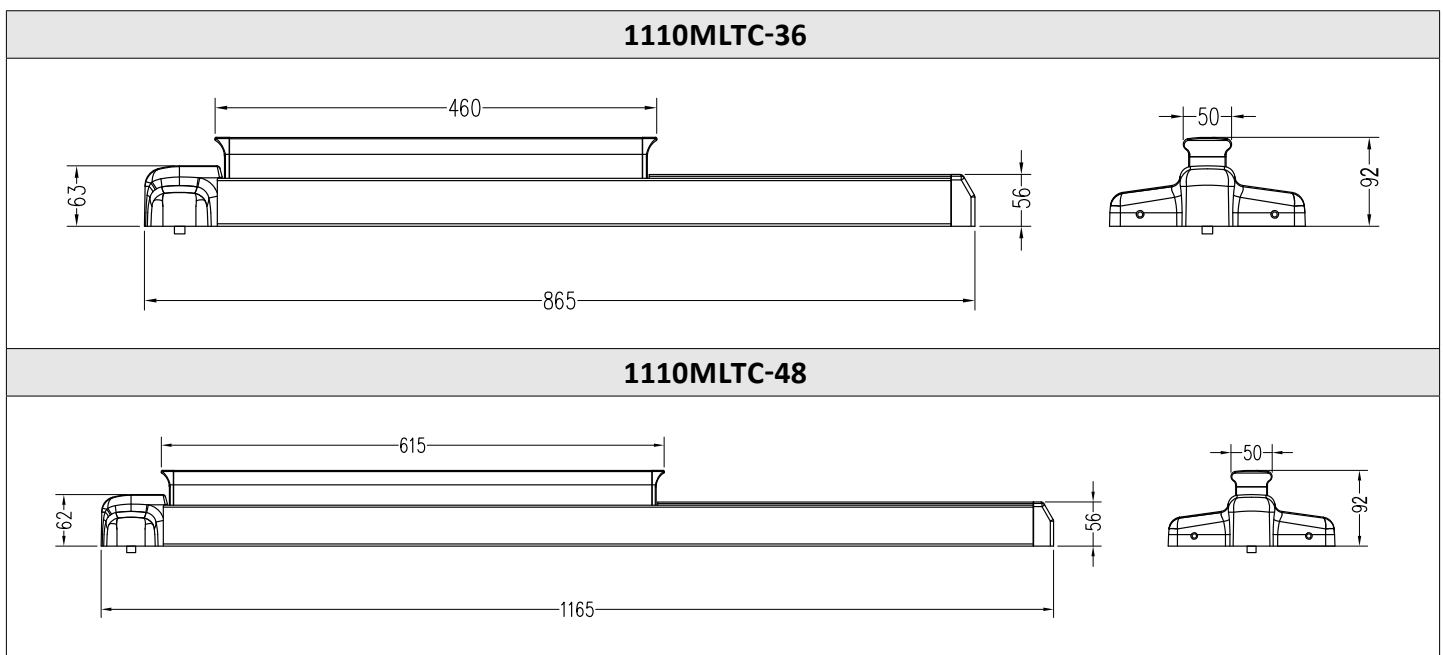
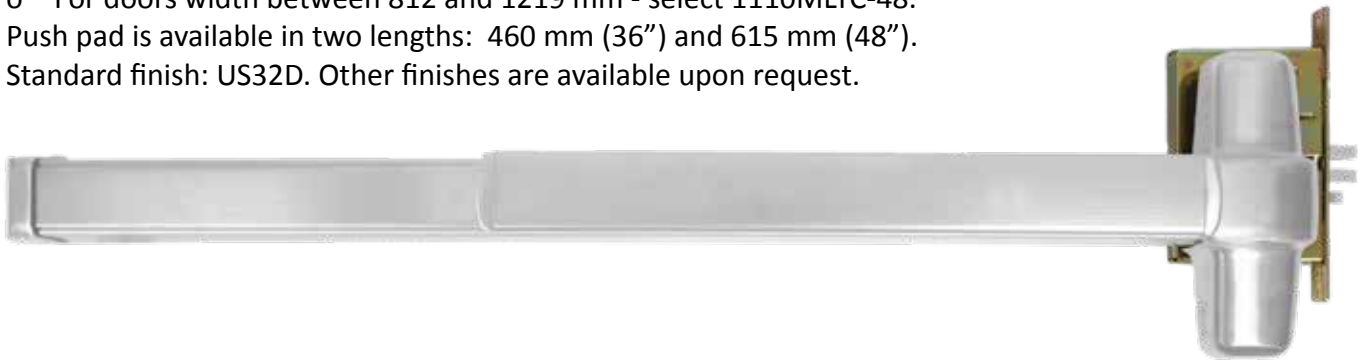
DT009C-DU (DUMMY)	DT009C-EU/EL (ELECTRIFIED)
	

ITEM CODE:1110MLTC SERIES

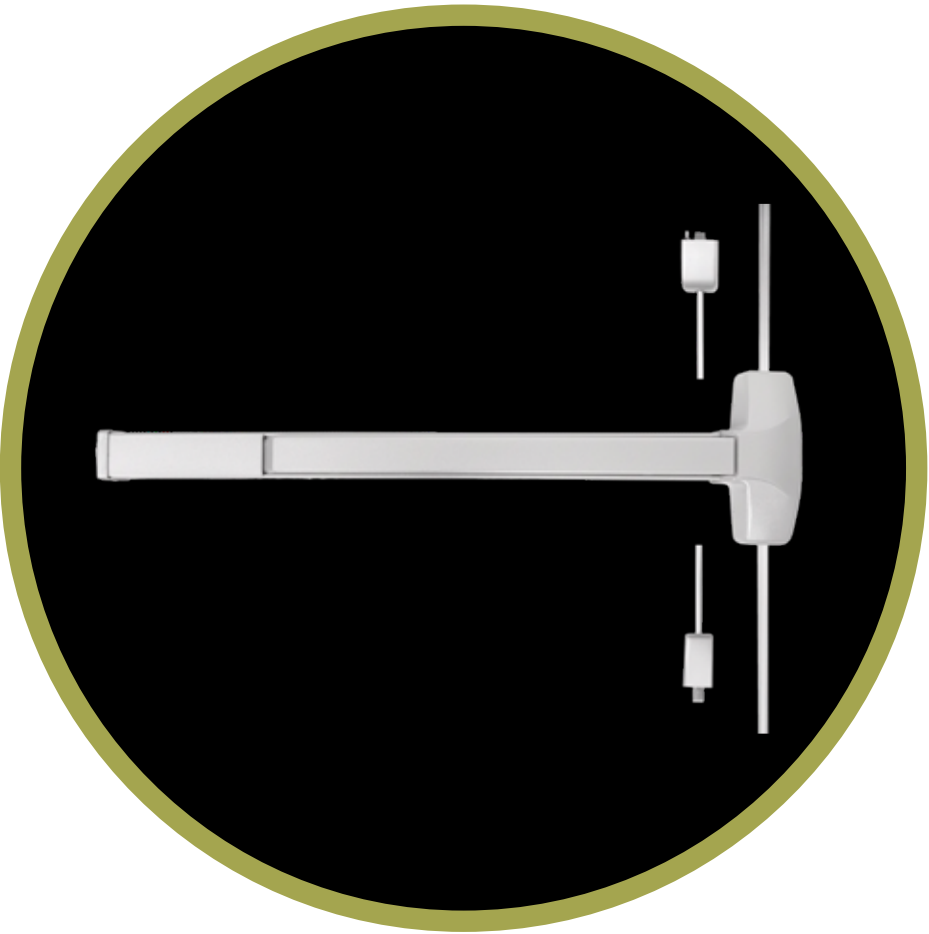
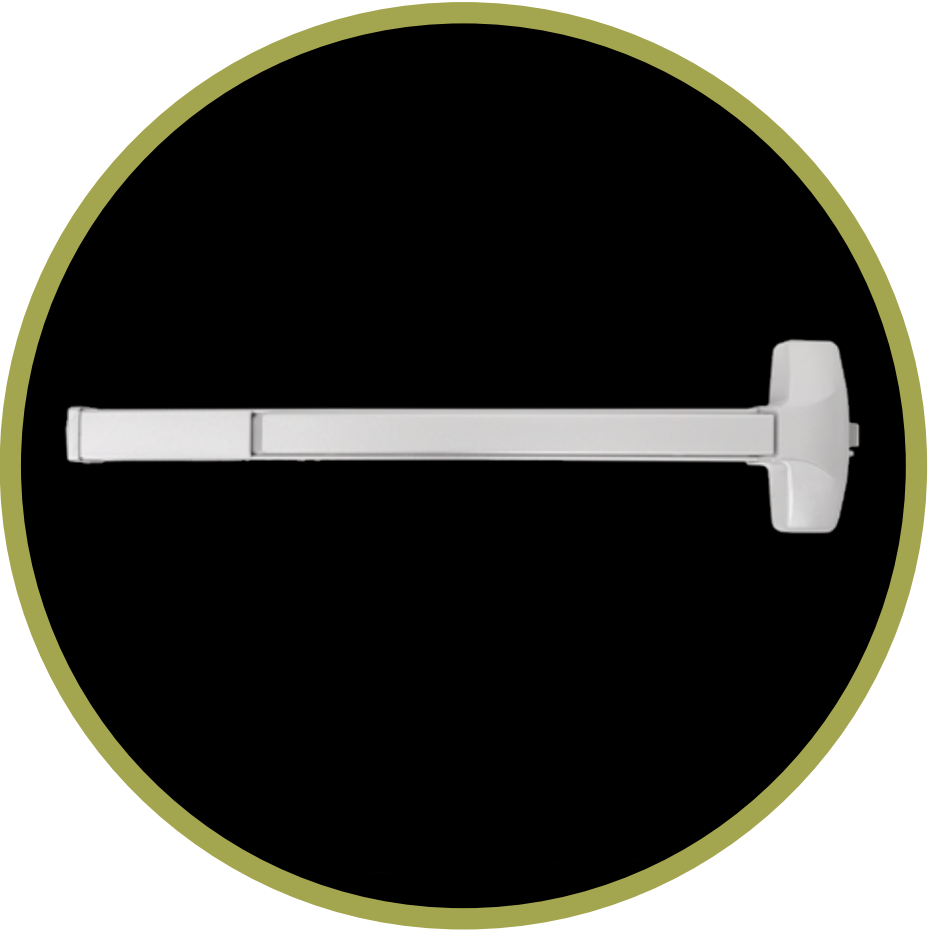


Features:

- Fire exit hardware, Type 3 mortise lock.
- Application: for wood/metal doors.
- UL file #: GXHX.R25171.
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities & commercial buildings.
- To purchase easy field reversible classroom mortise lock (1005L series and related lever handles) separately. Refer to catalogue of DML1000L series.
- Touch bar projection: neutral 92mm.
- Push pad is available in two lengths:
 - o For doors width between 635 and 914 mm - select 1110MLTC-36.
 - o For doors width between 812 and 1219 mm - select 1110MLTC-48.
- Push pad is available in two lengths: 460 mm (36") and 615 mm (48").
- Standard finish: US32D. Other finishes are available upon request.



**FIRE EXIT HARDWARE
SERIES FEHE**



ITEM CODE: 1030RT, 1240SVR & 1240SVRLBR SERIES



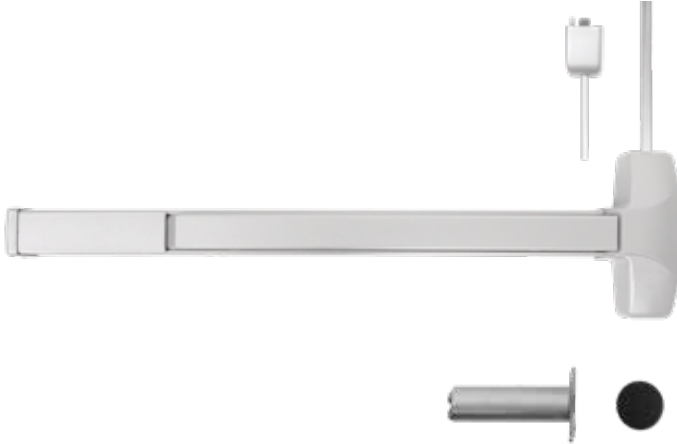
Features:

- Fire exit hardware, Rim Type.
- UL10C up to 3 hrs. fire labelled installations for all types of 4'x 8' single doors and 8'x 8' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities, commercial buildings where heavy-duty operation is a requirement.

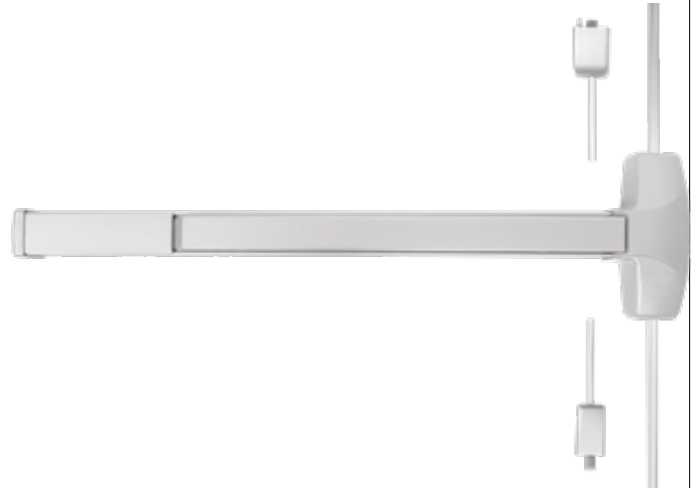


- Doors thickness: 1 3/4" (44.45 mm) thickness standard, optional 2 1/4" (57.15 mm) thickness. 3 3/4" (95.25mm) minimum stile width required for single or double door application using standard escutcheon trim or knob. Backset: refer to template and installation manual.
- Mounting rail assembly: Heavy-duty gauge steel body, mounting rail & push rail/pad.
- End cap: Steel construction.
- Head cover: Covers stock hollow metal doors with type 161 door cut out.
- Top Chassis: Steel.
- Furnished with wood and machine screws. Thru bolts are included & standard packaging on fire rated devices.
- Non handed, universal
- Latch bolt: Stainless steel 3/4" (19 mm) projection with anti-pick feature.
- Spring: Stainless steel.
- Available with surface vertical rod (1240SVR) or surface vertical rod less bottom rod (1240SVRLBR).
- Touch bar projection: Neutral 2 1/2" (64 mm), depressed 2 3/4" (45 mm).
- Overlapping strike (SPD452SN) for inactive leaf (to be ordered separately).
- Push pad is available in two lengths: For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm), and for doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors to up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices.
- Standard finish: US28. Other finishes are available upon request

1240SVRLBR



1240SVR

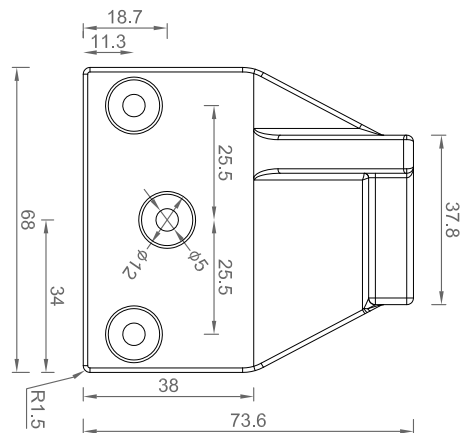


EXTERNAL TRIM D3300TC-SFIC & D3300TC SERIES

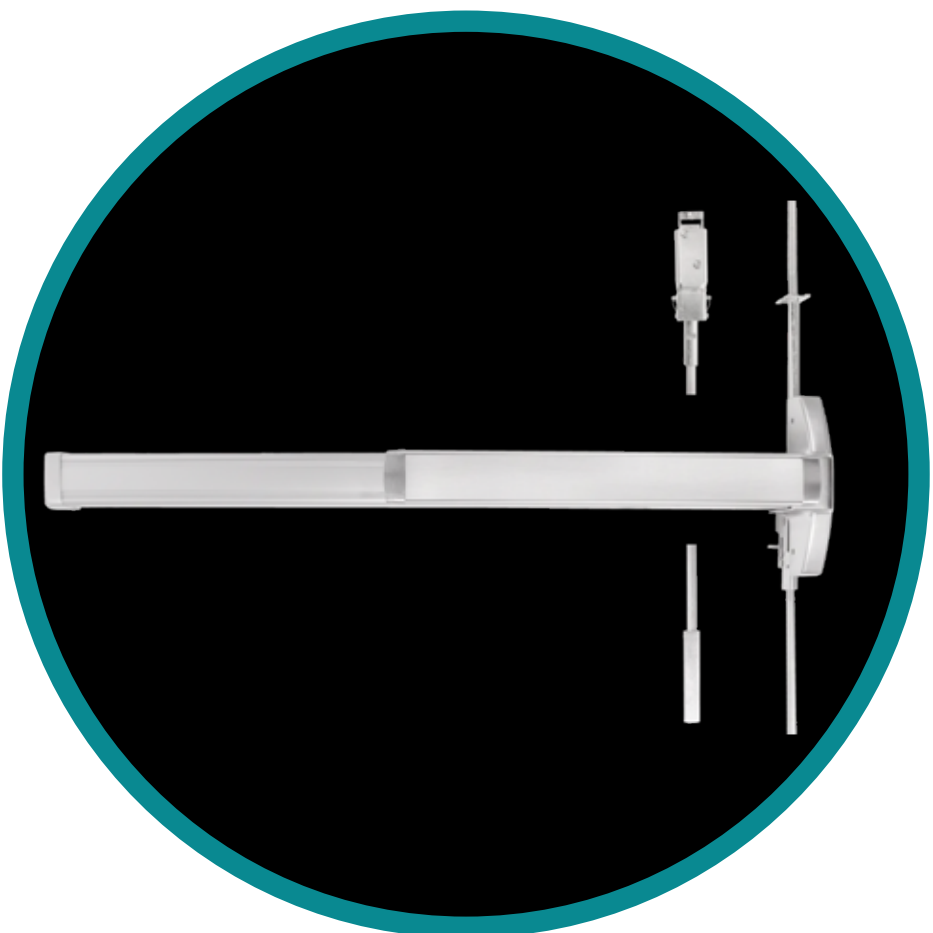
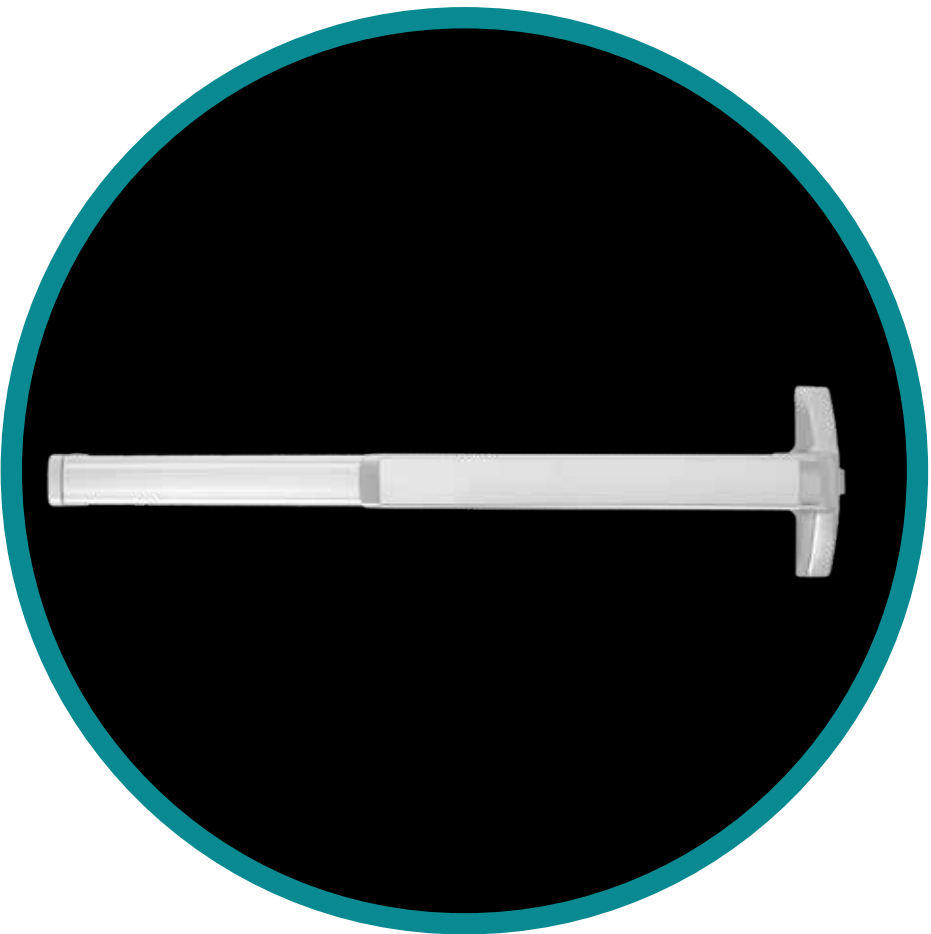
- Cylindrical body hardened steel heavy-duty tailpiece.
- Double heavy-duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolted design. Easily field reversible.
- Rose diameter 3 ½ inches (88.9 mm)
- Key-in lever trim locks or unlocks, operates as classroom function. Optional with SFIC core.
- Keyway: Standard 6 pins. Available 7 pins.
- Standard finish: US26D



SPD452



**FIRE EXIT HARDWARE
SERIES NS**



ITEM CODE: 1040RTNS & 1330CVRNS SERIES



Features:

- Narrow stile fire exit hardware, Rim Type (1040RTNS) and concealed vertical rod (1330CVRNS).
- UL10C up to 3 hrs. fire labelled installations for all types of 4'x 8' single doors and 8'x 8' double doors.
- UL file #: GXHX.R25171
- Tested successfully to meet UL10C, UL 305 & ANSI A156.3-2014, Grade 1.
- BHMA CERTIFIED.
- For use in institutions, schools, universities, commercial buildings where heavy-duty operation is a requirement.
- Doors thickness: 1 3/4" (44.45 mm) thickness standard, optional 2 1/4" (57.15 mm) thickness. Minimum stile width 1 3/4 inch required for single or double door application using standard escutcheon trim or knob.
- Mounting rail assembly: Heavy-duty gauge extruded aluminum body with stainless steel push rail/pad. Optional aluminum mounting rail, sliding shim & end cap in US15 finish at additional cost.
- End cap: Brass, bronze or stainless steel construction.
- Head cover: Non-ferrous plated material.



- Top Chassis: Steel.
- Furnished with wood and machine screws. Thru bolts are included & standard packaging on fire rated devices.
- Non handed, universal.
- Latch bolt: Stainless steel 3/4" (19 mm) projection.
- Spring: Stainless steel.
- Touch bar projection: Neutral 3 5/8" (92mm), depressed 2 7/8" ((73mm).
- Standard packed surfaced or mortised strike, optional no mortise required strike is available.
- Push pad is available in two lengths: For doors width up to 36" (914.4 mm) - mounting rail can be cut to fit doors up to 30" (762 mm), and for doors width up to 48" (1219.2 mm) - mounting rail can be cut to fit doors to up to 36" (914.4 mm).
- Dogging: Allen-type key furnished available on non-fire labelled devices
- DELRK (electrified latch retraction kit), DREXKIT (Request to Exit kit) & DLBMKIT (Latch Bolt Monitoring kit) signal switches are available.
- Standard finish: US32D. Other finishes are available upon request.

1330CVRNS



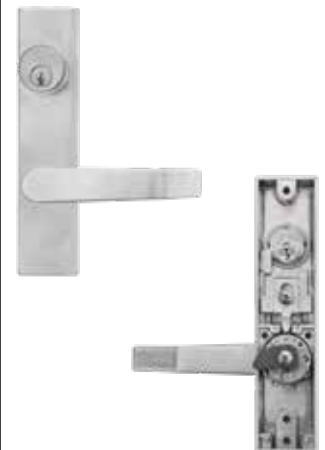
EXTERNAL TRIM ESCUTCHEON TRIM DT014 FOR 1040RTNS

- Rigid, non-clutch mechanism.
- Double heavy-duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolting design. Easily field reversible.
- Hardened steel heavy-duty tailpiece.
- DT014: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT014S: Rigid storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked.
- DT014P: Without cylinder, passage, trim always operable and free.
- DT014D: Dummy escutcheon trim, one sided.
- Keyway: Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D



EXTERNAL TRIM ESCUTCHEON TRIM DT015 FOR 1330CVRNS

- Rigid, non-clutch mechanism.
- Double heavy-duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolting design. Easily field reversible.
- Hardened steel heavy-duty tailpiece.
- DT015: Rigid entrance, key locks or unlocks escutcheon trim, operates as classroom function.
- DT015S: Rigid storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked.
- DT015P: Without cylinder, passage, trim always operable and free.
- DT015D: Dummy escutcheon trim, one sided.
- Keyway: Standard 6 pins, mortise cylinder. Available 6 or 7 pins SFIC or LFIC.
- Standard finish US26D





ITEM CODE: 800, 900, 800VR & 900VR SERIES FIRE-EXIT HARDWARE WITH HALF OR FULL TOUCH BAR

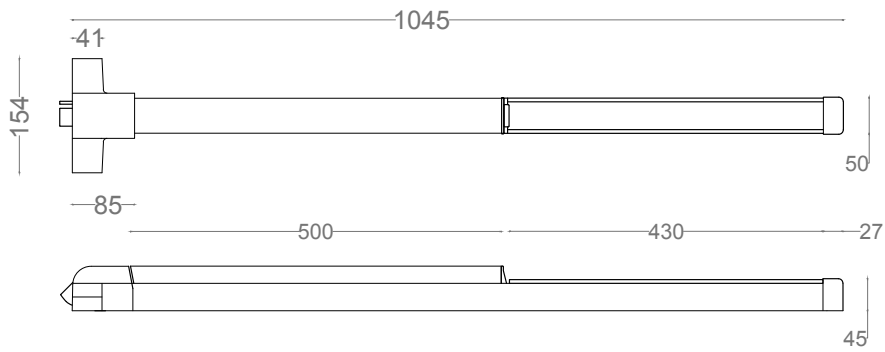


Features:

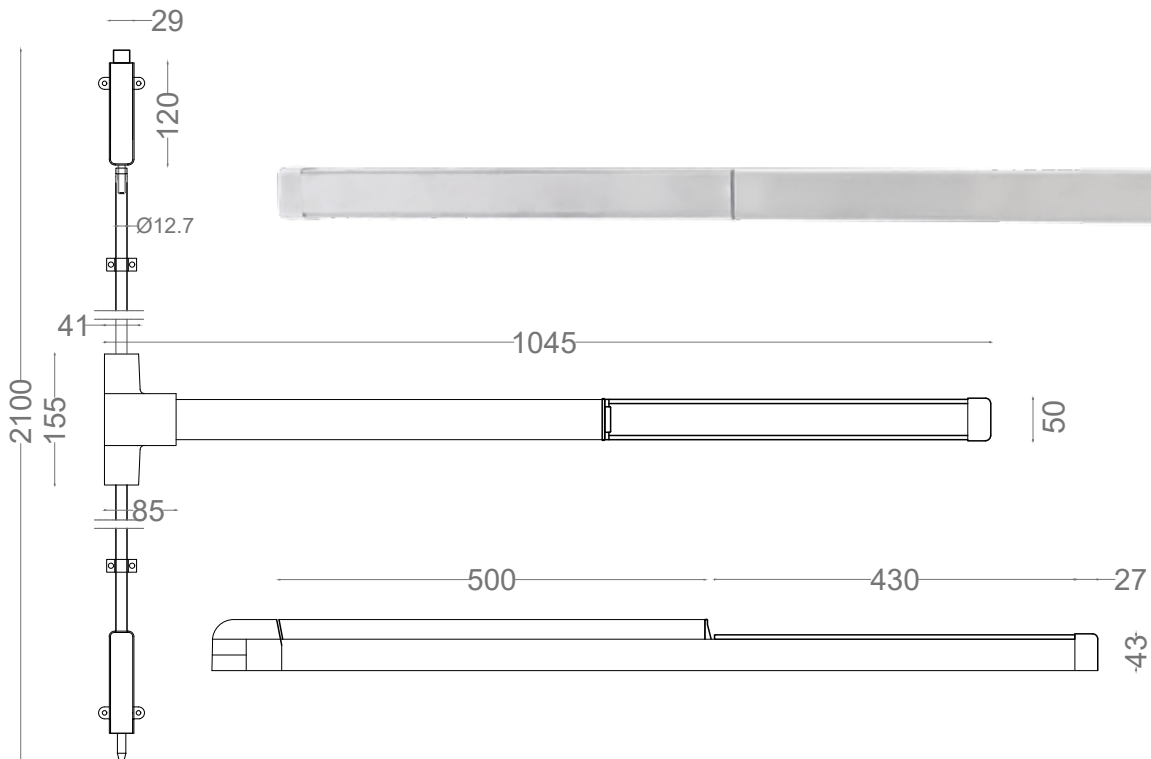
- Area of application: For single and double wooden and metal door.
- Standard material:
 - o 800 and 900 (Latch Touch Bar): End cover, body cover, lock body, push bar, centre cover, striking plate and latch bolt are stainless steel EN 1.4301 (type 304).
 - o 800 Silver and 900 Silver (Latch Touch Bar): End cover, body cover, lock body, push bar, centre cover, striking plate and latch bolt are steel (Q235-A)
 - o 800VR and 900VR (Bolt Touch Bar): End cover, body cover, lock body, push bar, centre cover, top and bottom covers are stainless steel EN 1.4301 (type 304).
 - o 800VR Silver and 900VR Silver (Bolt Touch Bar): End cover, body cover, lock body, push bar, centre cover, top and bottom covers are (Q235-A).
- One-locking point for 800/900 and two-point locking for 800VR/900VR.
- Anti-thrust latch function for 800/900.
- Single operation. Fully reversible.
- Supplied with:
 - o 800 and 900 series: 1 pc complete set latch touch bar, 1 pc keep (strike) for single leaf with full set of screws.
 - o 800VR and 900VR series: 1 pc complete set bolt touch bar, 1 pc top strike, 1 pc bottom strike, 1 set top latch, 1 set bottom latch, 2 sets clamps, 2 pc connect bar (for maximum door height 2133 mm).
- OAD (outside access device): as shown on catalogue.
- Strike plate (SPD003-A) for double leaf to be ordered separately.
- 900 and 900VR series touch bar length 845 mm.
- Optional: Request to Exit (REX) is available.
- UL listed and examined to UL 10C. UL unique identification number: GXHX.R25171.
- Examined in accordance with UL 305 ANSI A156.3-2008 requirements for Grade 1.
- BHMA Certified.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.

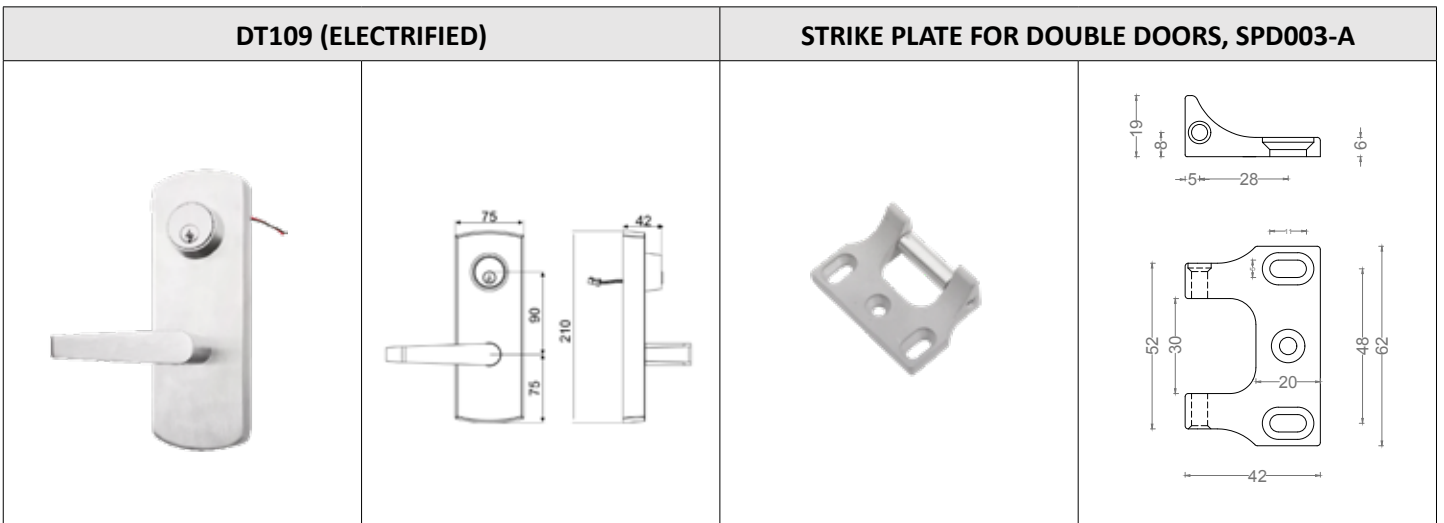
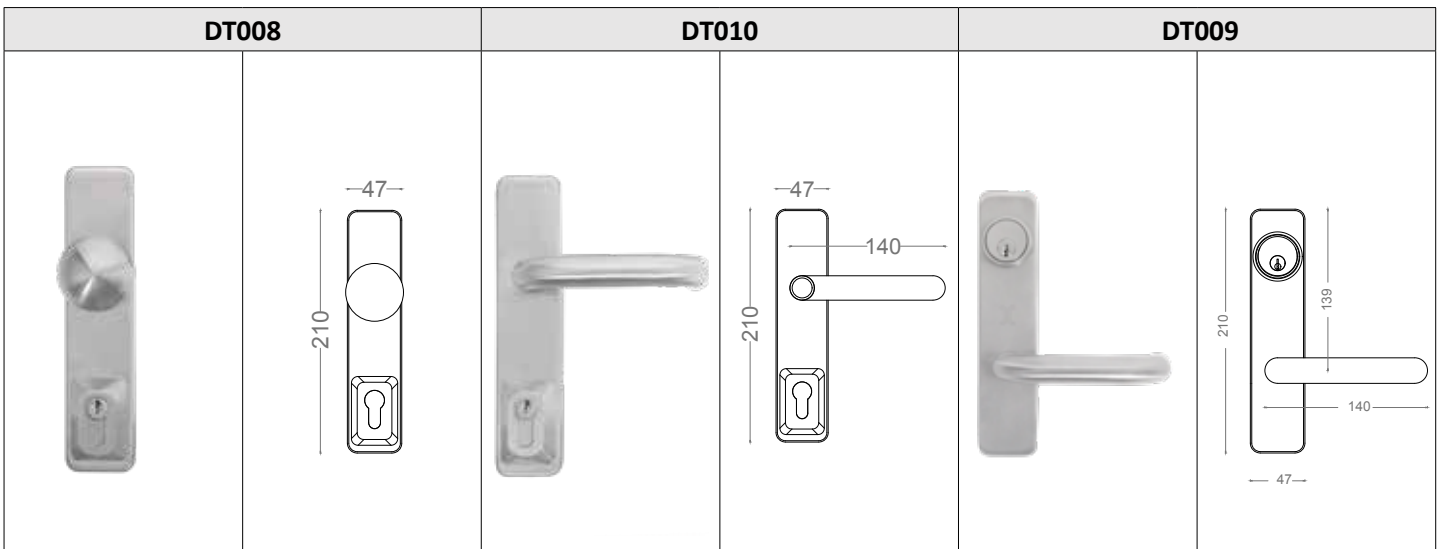
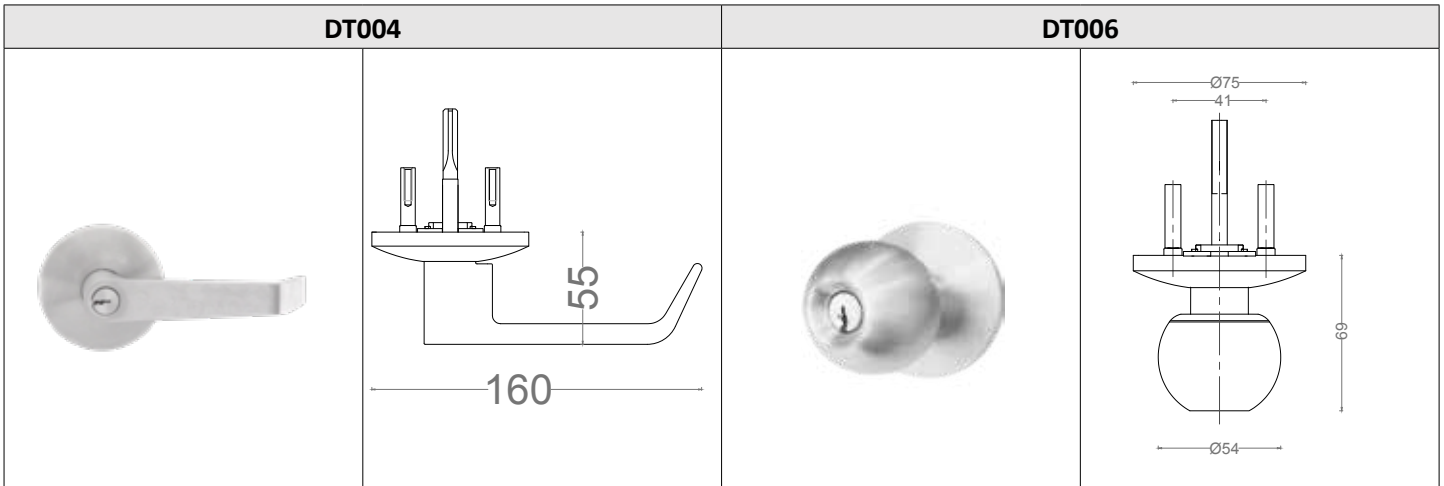
FIRE EXIT HARDWARE SERIES 800 & 900

FIRE-EXIT HARDWARE 800



FIRE-EXIT HARDWARE 800VR



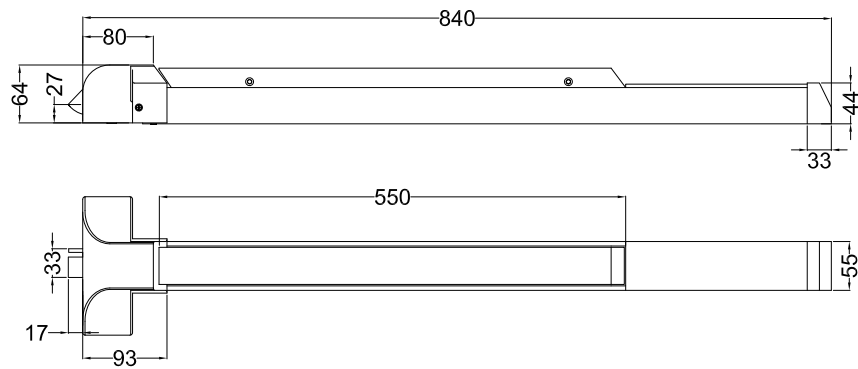


**ITEM CODE: 800D & 800VRD SERIES
UL LISTED FIRE-EXIT HARDWARE****Features:**

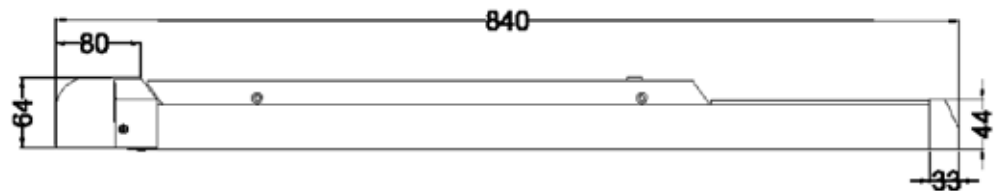
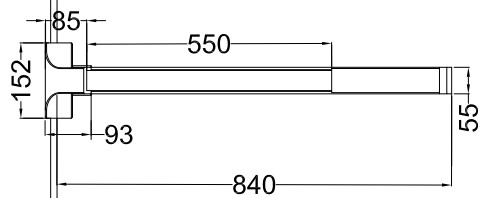
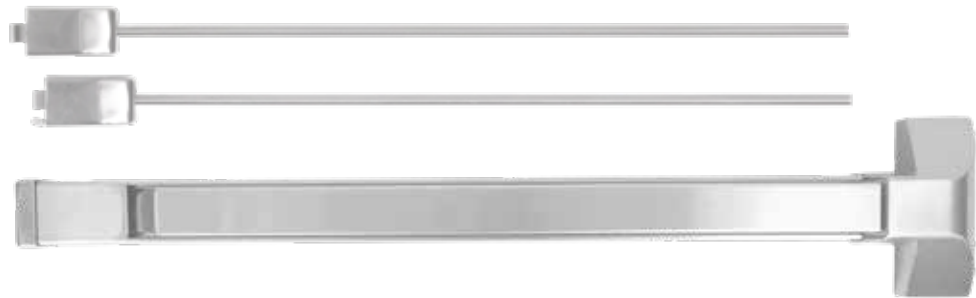
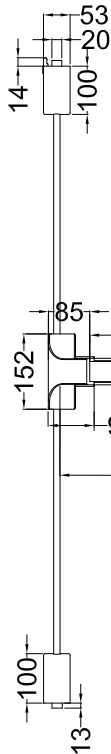
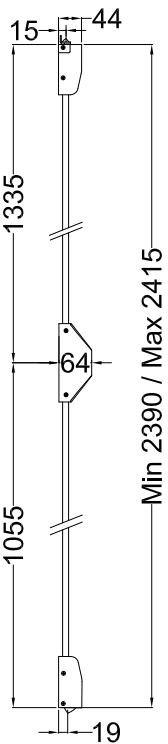
- Area of application: For single and double exit doors, active and inactive leaf.
- Material:
 - o 800D series (Panic Latch Touch Bar): Standard galvanized steel in US26D finish, optional in Stainless steel EN 1.4301(type 304) in US32D finish.
 - o 800VRD series (Panic Bolt Touch Bar): Standard galvanized steel in US26D finish, optional in Stainless steel EN 1.4301(type 304) in US32D finish.
- Features:
 - o One-locking point for 800D series and two-point locking for 800VRD series.
 - o Anti-thrust latch function for 800D series.
 - o Single operation, fully reversible.
- Supplied with:
 - o 800D series: 1 pc complete set panic latch touch bar, 1 pc keep (strike) for single leaf with full set of screws.
 - o 800VRD series: 1 pc complete set panic bolt touch bar, 1 pc top strike, 1 pc bottom strike, 1 set top latch, 1 set bottom bolt, 2 sets clamps, 2 pc connect bar (for max. door height 2415 mm) with full set of screws.
- OAD (outside access device): Several versions are available.
- Standard length of touch bar is 550 mm, optional 630 mm.
- UL listed and examined to UL 10C. UL unique identification number: GXHX.R25171
- Standard finish: Satin Chromium plated (US26D), optional Satin Stainless Steel (US32D). Other finishes are available upon request.

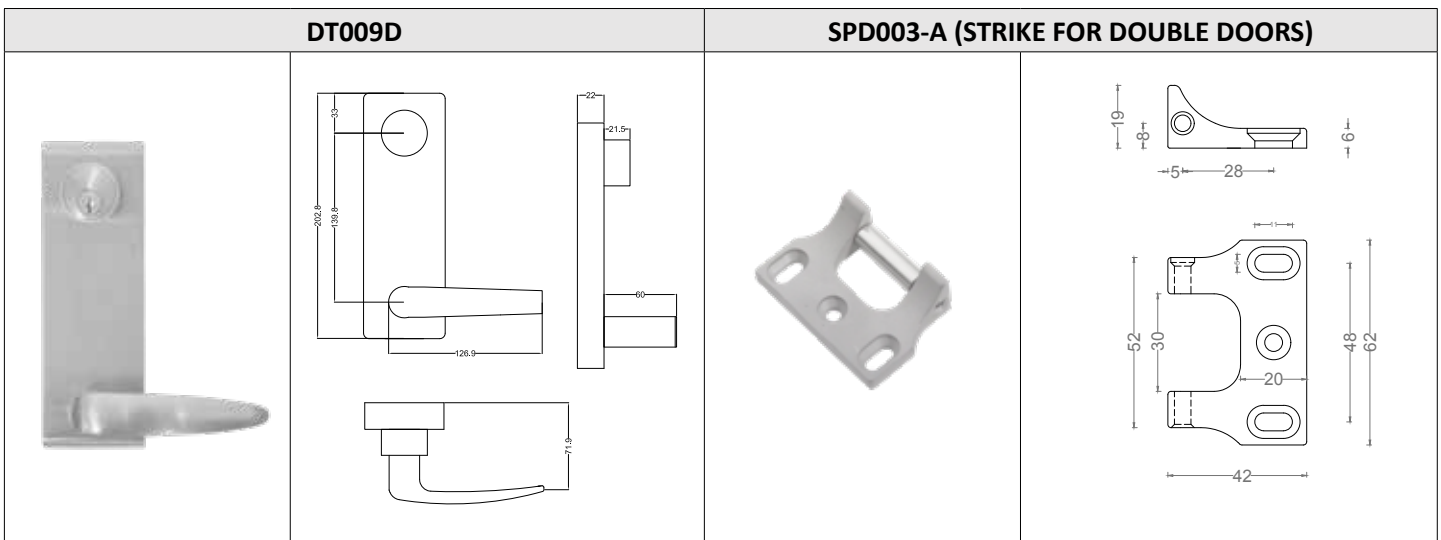
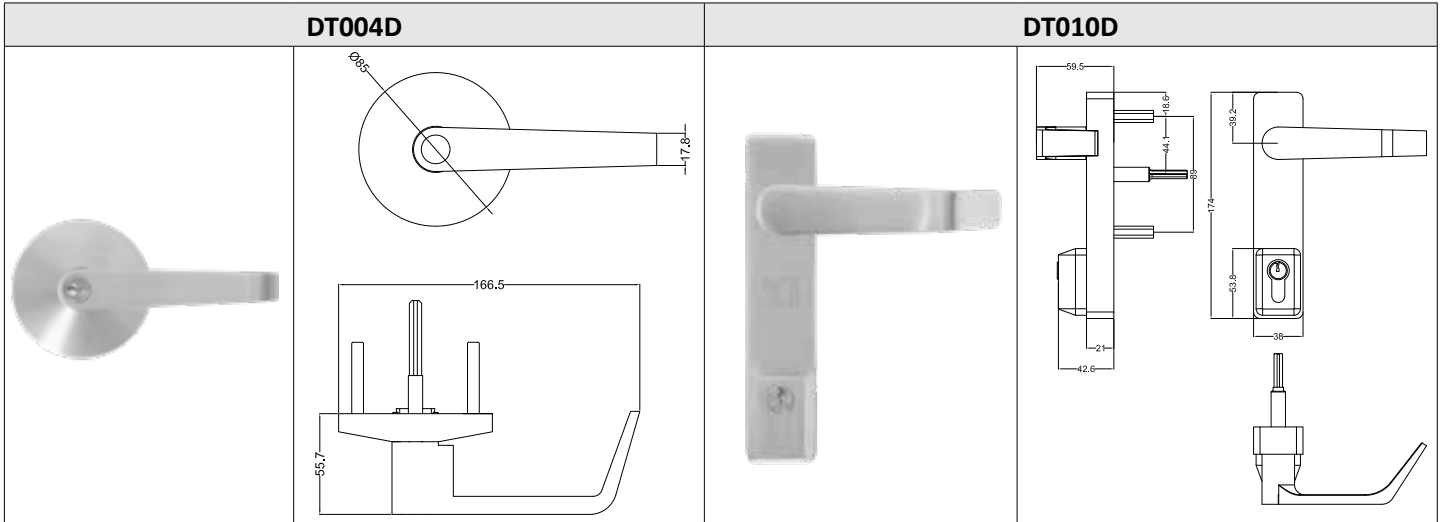
FIRE EXIT HARDWARE SERIES 800 & 900

FIRE-EXIT HARDWARE 800D-550



FIRE-EXIT HARDWARE 800VRD-630





SPRING HINGES



**ITEM CODE: DSH4427 & DSH454534 SERIES
UL LISTED GRADE 1 SPRING HINGES**



GRADE 1



Features:

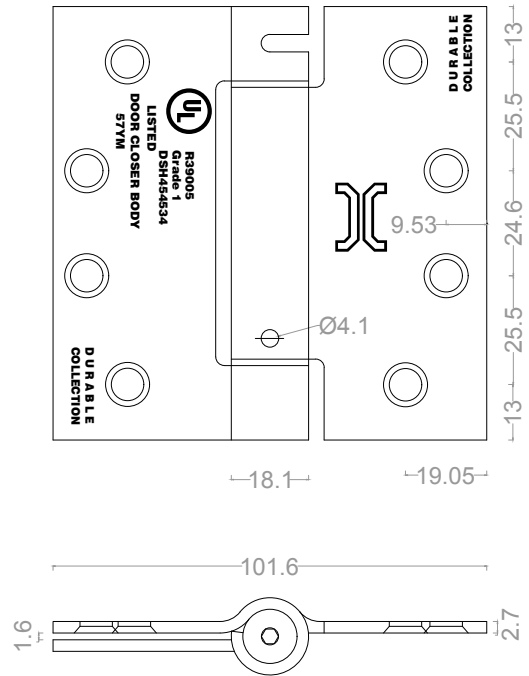
- Area of application: Wooden or metal doors.
- Base material: Steel. Optional base material: Stainless steel EN 1.4301(type 304) or Stainless steel EN 1.4401(type 316).
- UL listed. UL file #: GVEV.R39005
- Tested to meet ANSI A156.17 grade 1 (1,000,000 cycles – single acting hinges).
- Template spring hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7
- Hinge meets the requirement of NFPA80
- Durable Collection does not recommend using spring hinges on leaves over 2200 mm.
- Standard: Square edges. Optional both hinge leaves with radius edges (R6.4 mm or R15.8 mm), or 1st hinge leaf with radius edges (6.4 mm or 15.8 mm) and the 2nd hinge leaf with square edges.

MODEL #	HINGE SIZE / INCH X INCH X MM	RECOMMENDED DOOR WEIGHT/KGS	DOOR WIDTH/ MM	BALL BEARING HINGE LOCATION	SPRING HINGE LOCATION
DSH4427 SERIES	4 X 4 X 2.7	27	914	1 TOP / 1 BOTTOM	1 CENTER
		39		1 / TOP	1 CENTER/ 1 BOTTOM
		50		NONE	1 CENTER / 1 TOP / 1 BOTTOM
DSH454534 SERIES	4.5 X 4.5 X 3.4	32	914	1 TOP / 1 BOTTOM	1 CENTER
		52		1 / TOP	1 CENTER/ 1 BOTTOM
		68		NONE	1 CENTER / 1 TOP / 1 BOTTOM

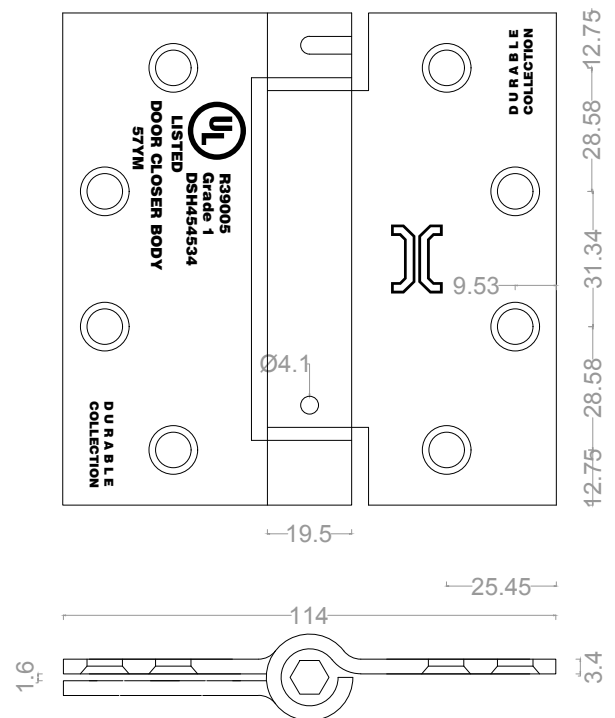
NOTES:

- Full spring tension may not be required on all spring hinges.
- Strong wind conditions, drafts, carpeting drag, twisted/misaligned frames, or weather stripping on doors may require additional spring hinges.
- For fire rated doors, at least 2 spring hinges should be used as per NFPA80.
- Clear/free gap: 1.6 mm.
- Supplied with DSH4427:
 - For steel doors: one pair of hinge, 16 pcs countersunk flat head metal screws (M5x12).
 - For wood doors: one pair of hinge, 16 pcs countersunk flat head wood screws (#10x31.75 mm).
- Supplied with DSH454534:
 - For steel doors: one pair of hinge & 16 pcs countersunk flat head machine screws (12-24 x ½).
 - For wood doors: one pair of hinge & 16 pcs countersunk flat head wood screws (#12 x 1 ¼).
- Standard finish: Satin Chromium Plated (US26D). Other finishes are available upon request.


DSH4427



DSH454534

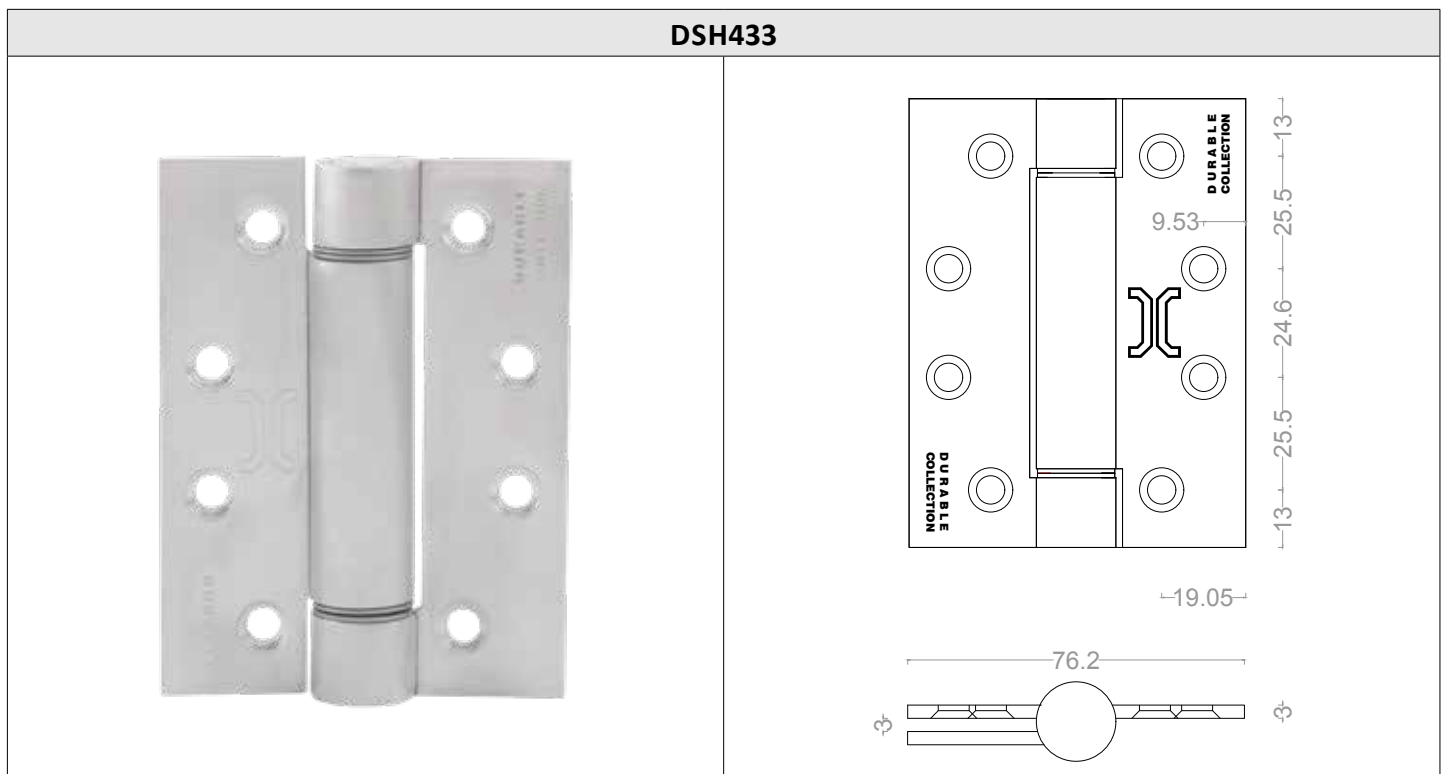


**ITEM CODE: DSH433 & DDSH463 SERIES
STAINLESS STEEL SINGLE AND DOUBLE ACTION SPRING HINGES.**

EN1634-1 

Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301(type 304). Optional Stainless Steel EN 1.4371 (type SUS201).
- Optional: Hydraulic soft close type for single action spring hinge.
- DSH433 standard single action size: 4 inches x 3 inches x 3 mm. Available sizes: DSH353525, DSH4325, DSH4425, DSH533, DSH35353 and DSH443
- DDSH463 standard double action size: 4 inches x 6 inches x 3 mm. Available sizes: DDSH3.53.52.5, DDSH432.5, DDSH442.5, DDSH533.0, DDSH3.53.53.0 and DDSH433.0 and DDSH443.0
- A 1 ½ pair of spring hinge can bear the door weight of 30 kgs and 2 pairs of spring hinges can bear the door weight of 50 kgs.
- Tested Successfully to EN 1634-1, 4 hours (for single action hinges).
- Template single action spring hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Standard: Square edges.
- Standard finish: Satin Stainless Steel. Other finishes are available upon request.

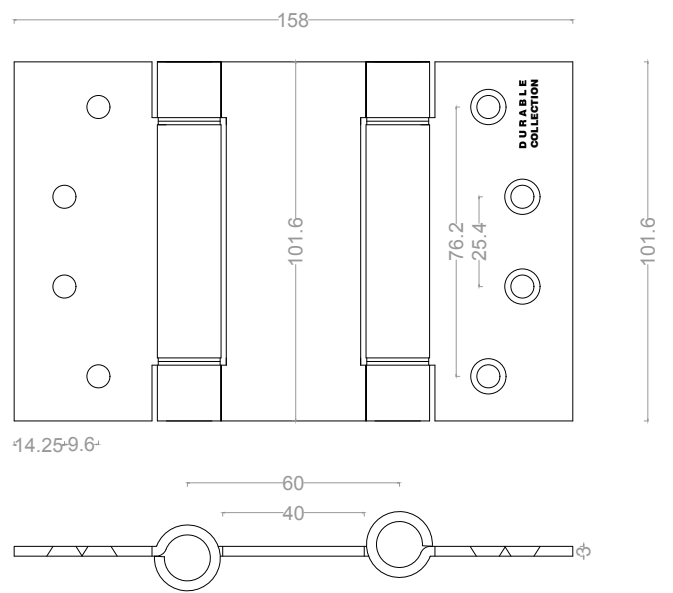
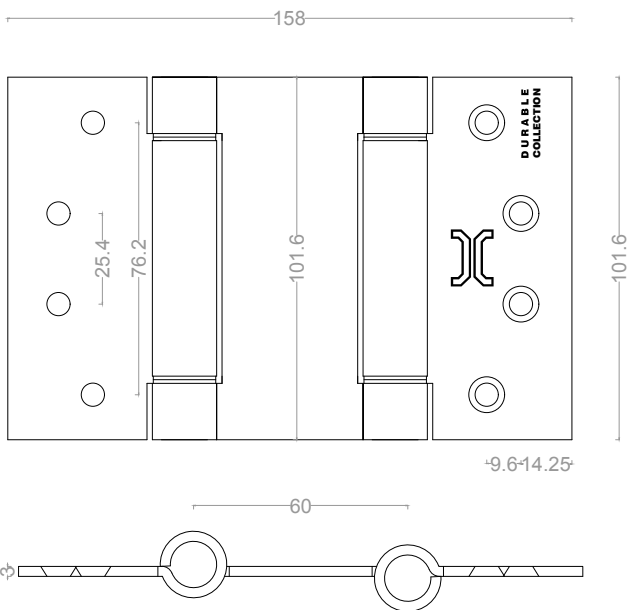


DDSH463



FRONT

BACK





MANUAL FLUSH BOLT

**ITEM CODE: DURABLE FB-105M & FB-105M
LEVER ACTION MANUAL FLUSH BOLT**

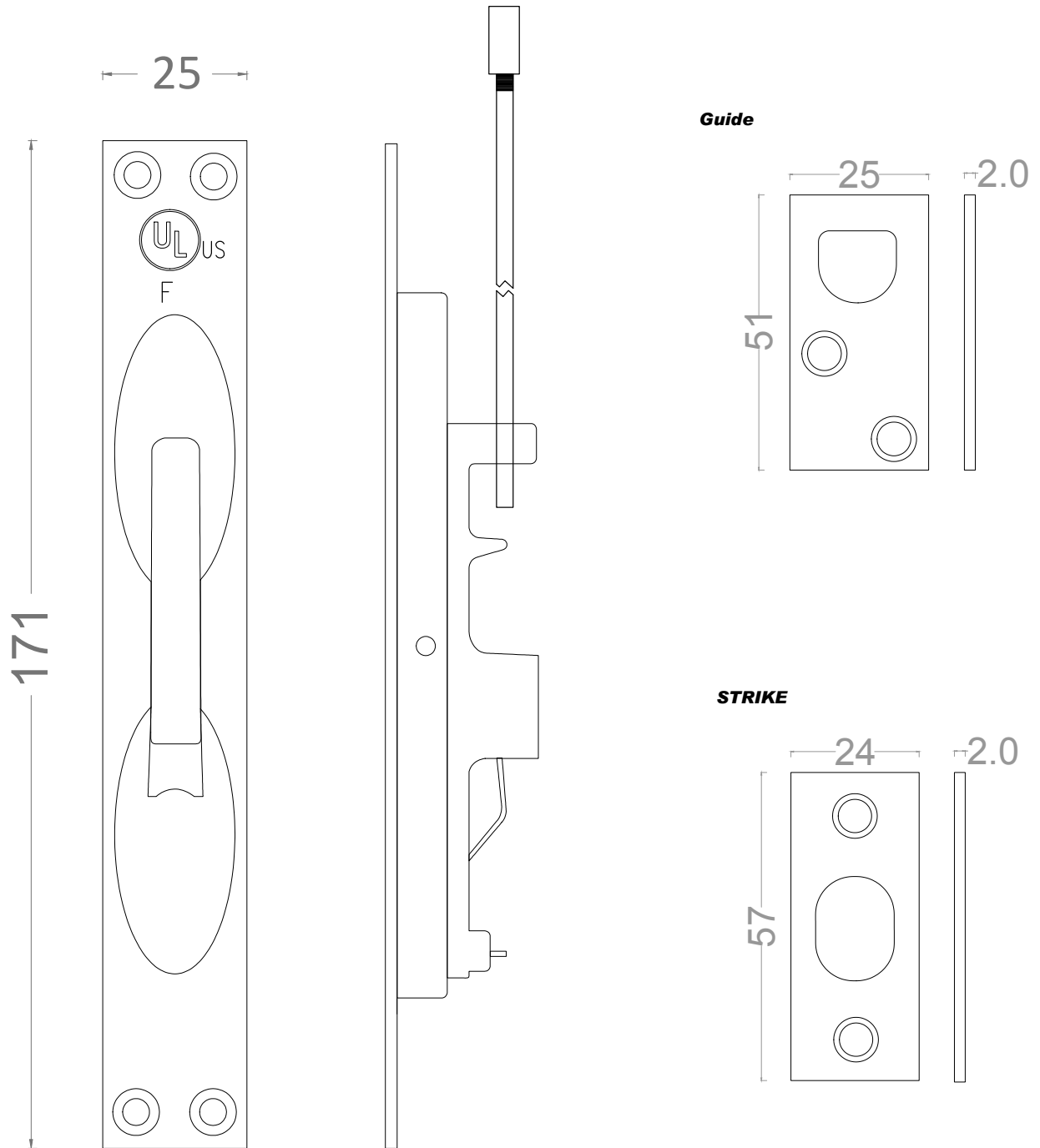


EN1634-1 LISTED

Features:

- Area of application: hollow-metal, metal-clad, steel-covered composite and flush type sheet-metal doors.
- Non-Handed
- Conform to fit preparation for steel frames and doors (1-3/4" thickness) ANSI/BHMA A156.115.4
- Faceplate: 25 mm x 171 mm, bolt throw: 19 mm, bolt backset: 19 mm.
- Guide plate: 25 mm x 51 mm x 2 mm.
- Mortise strike: 24 mm x 57 mm x 2 mm.
- Standard rod length (A): 305 mm.
- Optional rod length (A): 152 mm, 229 mm, 457 mm, 610 mm, 782 mm, 914 mm, 1219 mm.
- UL listed and examined to UL 10C. UL file number: GXSR.R38622
- Forged brass body, Aluminum faceplate.
- Tested successfully to EN 1634-1.
- Suitable for fire rated up to and including 3 hours.
- Vertical top and bottom bolts adjustment.
- Each supplied with 4 pcs Combo screws for face plate (#8x32), 4 pcs Combo screws for strike and guide (#8x32).
- Dust proof socket to be ordered separately.
- Door clearance must be at least ¼ inch
- Standard finish: US26D (Satin chromium plated). Other finishes are available upon request.

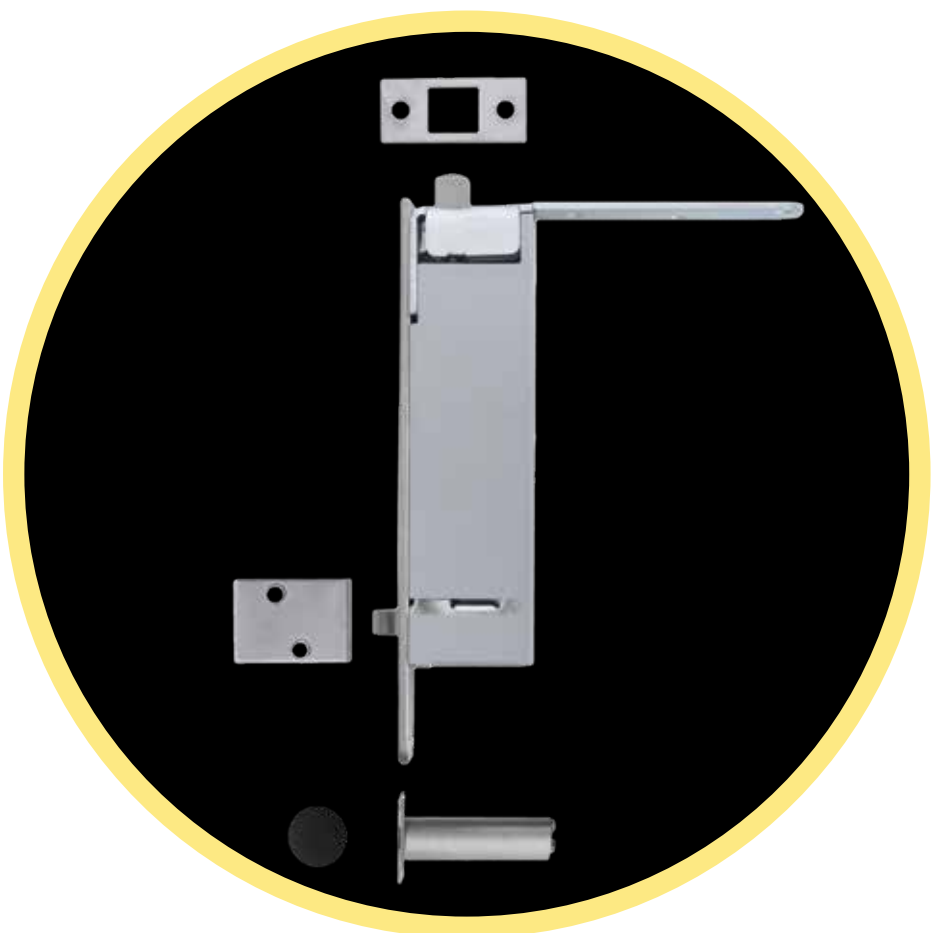




**ITEM CODE: FB-105W
MANUALLY OPERATED LEVER FLUSH BOLT**

- Area of application: Wood doors.
- Non-Handed
- Faceplate: 6-3/4" (171 mm) x 1" (25.4 mm).
- Bolt rod throw: 7/8" (22.22 mm).
- Bolt diameter: 1/2" (12.7 mm).
- bolt backset: 3/4" (19.05 mm).
- UL listed and examined to UL 10C. UL file number: GXSR. R38622
- Suitable for fire rated up to and including 1.5 hours.
- Supplied with fixing screws.
- Dust proof socket to be ordered separately.
- Standard finish: US26D (Satin chromium plated).
- Other finishes are available upon request.





ITEM CODE: DAFB-M & DAFB-M/DAUXFL AUTOMATIC EXTENSION FLUSH BOLT

Features:

- Area of application: metal doors.
- Non-handed
- Type 25 to ANSI/BHMA A156.3
- Faceplate: 6-3/4" (171 mm) x 1" (25.4 mm).
- Bolt rod throw: 3/4 (19 mm) throw.
- Optional rod length is available.
- Fully automatic, bolt retracts when active door is opened, bolt extends when active door is closed.
- Installation options: 1) DAFB-M as set (top and bottom), 2) DAFB-M/DAUXFL (combination between DAFB-M top bolt only/DAUXFL auxiliary fire latch), this combination eliminates the bottom flush bolt and floor preparation.
- Conform to fit preparation for steel frames and doors (1-3/4" thickness) ANSI/BHMAA156.115.4
- UL listed and examined to UL 10C. UL file number: GXOW.R39669
- Suitable for fire rated up to and including 3 hours.
- Supplied with fixing screws.
- Dust proof socket to be ordered separately.
- Standard finish: US32D (Satin Stainless Steel)
- Other finishes are available upon request.



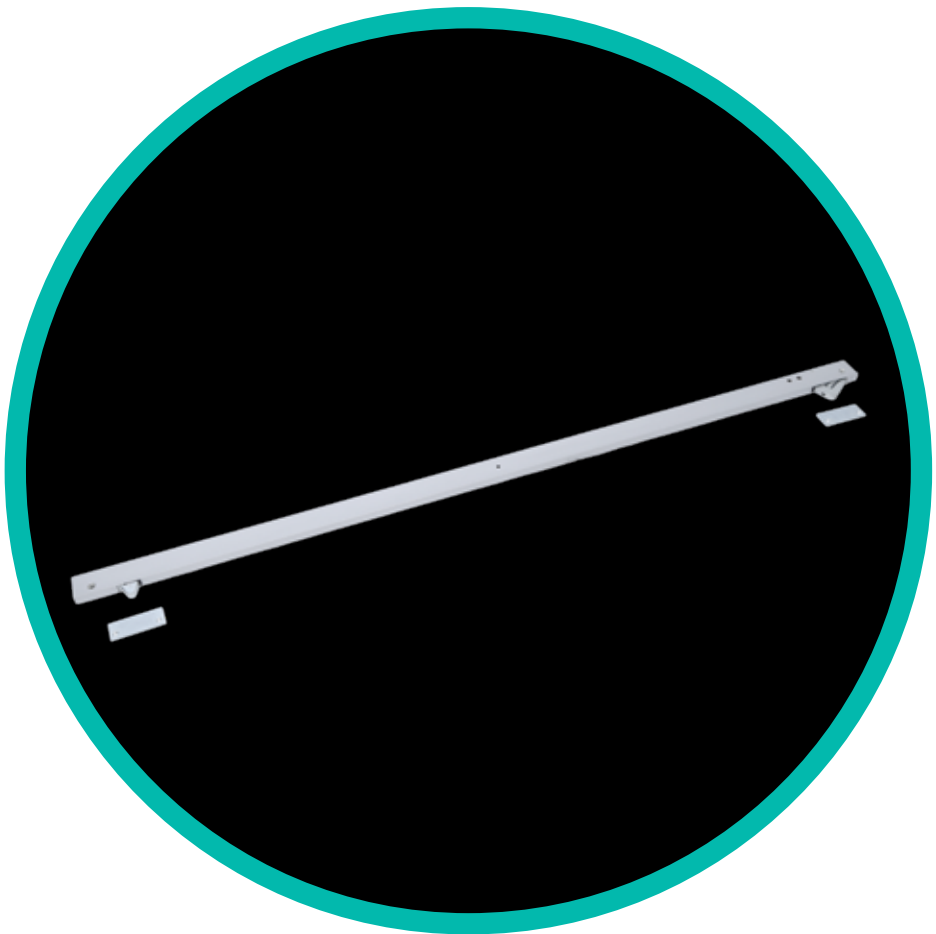
**ITEM CODE: DAFB-W & DAFB-W/DAUXFL
AUTOMATIC FLUSH BOLT**



Features:

- Area of application: wood doors.
- Non-handed
- Type 25 to ANSI/BHMA A156.3
- Faceplate: 8-1/2" (215.9 mm) x 1" (25.4 mm).
- Bolt rod throw: 3/4 (19 mm) throw.
- Fully automatic, bolt retracts when active door is opened, bolt extends when active door is closed.
- Installation options: 1) DAFB-W as set (top and bottom), 2) DAFB-W+DAUXFL (combination between DAFB-W top bolt only + DAUXFL auxiliary fire latch), this combination eliminates the bottom flush bolt and floor preparation.
- UL listed and examined to UL 10C. UL file number: GXOW.R39669
- Suitable for fire rated up to and including 1.5 hours.
- Supplied with fixing screws.
- Dust proof socket to be ordered separately.
- Standard finish: US32D (Satin Stainless Steel)
- Other finishes are available upon request.





ITEM CODE: DS1707 SERIES, DCB, DFB1858, DFB5200, DB78214 and DB214

Features: DS1707 series

EN1634-1

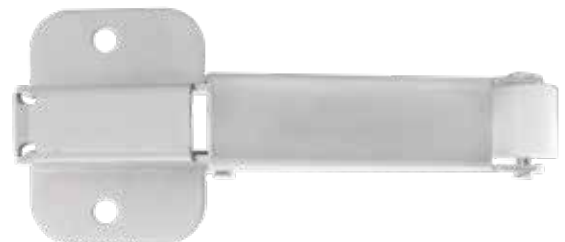


- Surface mounted coordinator.
- Material: Aluminum.
- Base: 1 5/8 x 5/8 inch (41 x 16 mm).
- Maximum astragal overlap: 1 inch (25.4 mm).
- Designed for use on pairs of doors when one door needs to close before the other.
- Function: active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive leaf.
- Coordinator might not span the entire width of door, filler bars DFB1858 or DFB5200 is needed to full up the extra space.
- Optional mounting brackets DB78214 and DB214.
- Four lengths are available:
 - 60 inches (1524 mm) for door range 97-112 inches (2463.8 - 2844.8 mm).
 - 52 inches (1320.8 mm) for door range 54-96 inches (1371.6 - 2438.4).
 - 42 inches (1066.8 mm) for door range 44-53 inches (1117.6 - 1346.2 mm).
 - 32 inches (812.8 mm) for door range 34-43 inches (863.6 - 1092.2 mm).
- Non-handed.
- Complete with fixing screws.
- UL listed. UL file number: GVVR.R39267
- Do not use spring hinges with coordinating device.
- Standard finish: US28 (Satin Aluminum, clear anodized).
- Optional finish: US19 (Flat black coated).



Features: DCB

- Carry-open bar.
- Material: Steel.
- Used when it is possible for the inactive door to be opened before the active door.
- Use in conjunction with DS1707 series.
- Non-handed.
- Complete with fixing screws.
- Not required when the inactive door is equipped with automatic or constant-latching flush bolts.
- Plate: 1-3/4 x 2-1/4 inches (45 x 57 mm).
- Projection: 25/32 inch (20 mm).
- Standard finish: US28 (Aluminum painted)
- Optional finish US19 (Flat black booted).



Features: DFB1858 & DFB5200.

- Filler bars.
- Material: Aluminum.
- Standard thickness: 1 5/8 x 5/8 inch (41 x 16 mm).
- Available in two lengths: DFB1858: 15 5/8 inches (396.875 mm) or DFB5200: 52 inches (1320.8 mm).
- Standard finish: US28 (Satin Aluminum, clear anodized).
- Optional finish: US19 (Flat black coated).

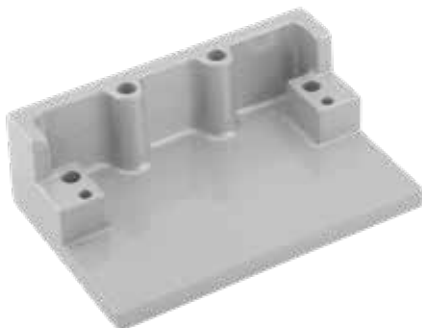
MOUNTING BRACKET DFB1858 or DFB5200



Features: DB78214 & DB214.

- Mounting brackets.
- Material: Aluminum Alloy.
- Available in two standard thickness: DB78214: 3 1/4 x 1 5/8 inches (82.55 x 41.275 mm) or DB214: 15/16 x 3 inches (23.8125 x 76.2 mm).
- Complete with fixing screws.
- Standard finish: US28 (Satin Aluminum, clear anodized).
- Optional finish: US19 (Flat black coated).

MOUNTING BRACKET DB78214



MOUNTING BRACKET DB214



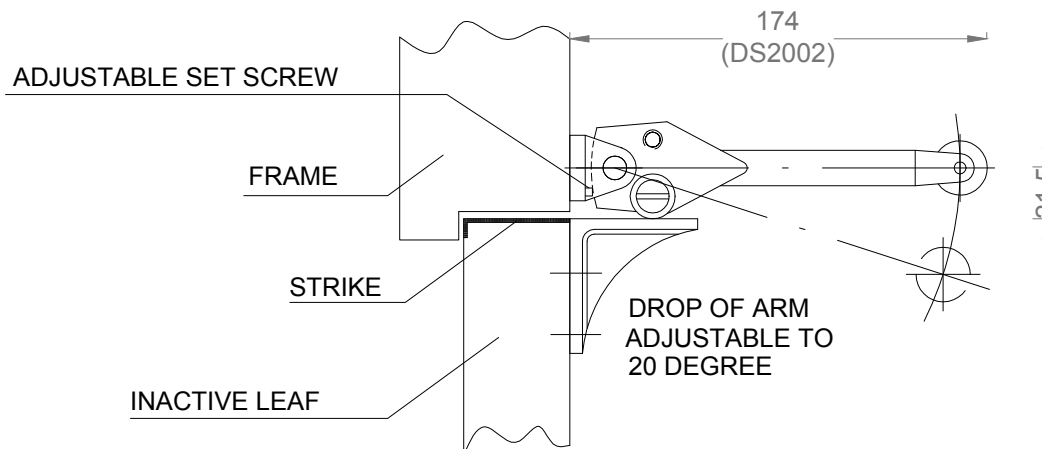
ITEM CODE: DS1808, DS1909 & DS2002

Features:

- Surface mounted gravity action coordinator, pull side.
- UL Listed. GVVR.R39267
- Material: Forged Brass & Stainless Steel
- Designed for use on pairs of doors when inactive leaf needs to close before the active leaf. Designed for doors with or without astragal.
- DS1808 (178mm projection), DS1909 (229mm projection), DS2002 (174mm projection).
- Gravity action arm and door bracket are adjustable at site for ease of installation.
- Rubber roller provides quiet operation.
- Durable carry bar (DCB) is needed when installing an astragal. The carry bar will keep the astragal from damage when the inactive leaf is opened first.
- Non-handed.
- DS1808 & DS2002: Use on pairs of doors with astragal on active door up to 1219.2 mm, or with astragal on inactive up to 1016 mm or with astragal on both doors up to 863.6 mm.
- DS1909: Use on pairs of doors with astragal on active door over 1219.2 mm, or with astragal on inactive over 1016 mm or with astragal on both doors over 863.6 mm.
- Complete with fixing screws.
- Do not use spring hinges with coordinating device.
- Standard finish: US28 (Satin Aluminum, clear anodized) & 630(SSS). Optional finish: Upon request.



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**ELECTRIFIED
LOCKS SERIES**

ITEM CODE: EML SERIES

Features:

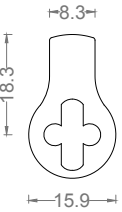
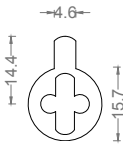
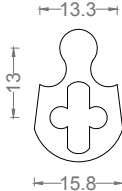
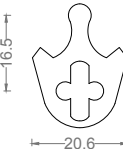

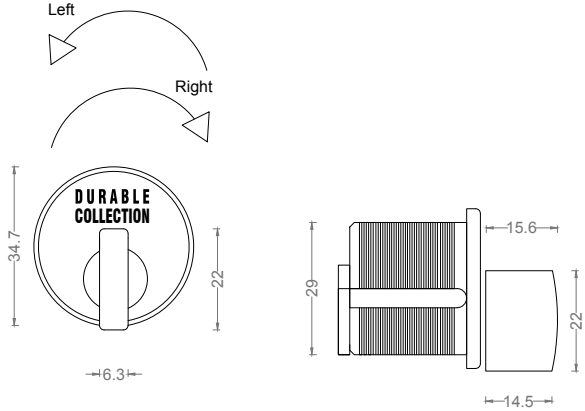
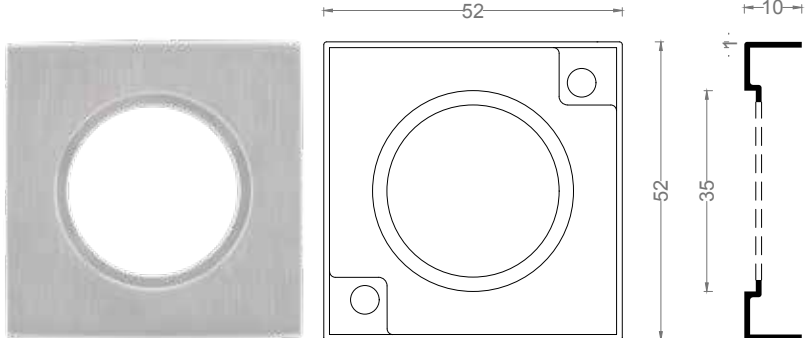
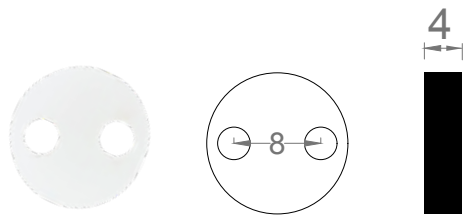

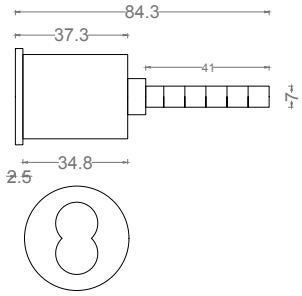

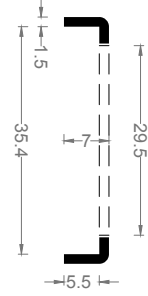
- Heavy duty electrified mortise locks.
- UL listed. UL10C 3 hours fire rated.
- UL file number: GYQS.R39687
- Tested to meet ANSI A156.13 grade 1 (1,000,000 cycles).
- ADA compliant (American with Disabilities Act), ANSI A117 (Accessible and Usable Buildings and Facilities).
- Operating voltage 12 or 24VAC/DC (+ or – 10%)
- Amperage 12V=700mA, 24V=350mA
- Solenoid coil resistance 12V=18 Ω, 24V=69 Ω
- Power consumption 8 Watts
- Fail Safe (EL) or Fail Secure (EU), EL/EU is field reversible.
- Plug-in bridge rectifier that allows for an AC or DC power source supplied with all locks.
- Only work with recommended power supply. Consult Durable Collection before specifying.
- Available accessories:
 - Current Reduction Unit (CRU2), 10-30V input manages power to efficiently control a 12 or 24V solenoid. Improve solenoid life in “continuously on” applications such as Fail Safe or an unlock cycle.
 - Request to Exit (REX), available as a field installable kit or factory installed, operating inside trim cycles SPDT (single pole double throw) switch to signal use of door.
 - Request to Exit By Pass (REXBPS), request to exit (REX) switch will be bypassed when the lock is in unlocked state, preventing false REX signals.
 - Latchbolt Monitoring Switch (LBM), monitor the position of the latchbolt.
 - Door Positioning Switch (DPS), monitor the position of the door, door open/door close.
 - Solenoid Monitor (SLM), monitor the position of the solenoid.
 - Security Monitor (SCM), monitor solenoid & door position.
- Locks include special high-strength springs and a positive stop to eliminate unsightly sagging levers.
- Trims utilize 11 mm high-strength alloy steel spindles for extra durability.
- Field reversible without lock disassembly. Designed for doors thickness 44 mm standard.
- Backset: 70 mm only. Center to center: 98 mm only.
- Armored front size: 203 x 32 x 1.5 mm. Case size: 113 x 153 x 24 mm.
- Deadbolt: 25 mm in stainless steel. Latchbolt 19 mm throw in stainless steel with anti-friction tongue.
- Strike: ANSI curved lip strike 32 x 124 mm with dust box standard. Door cutout Type 86.
- Tested with levers in hollow or solid stainless steel.
- Cylinders and keys: Mortise or interchangeable core (SFIC or LFIC) cylinders. 5 or 6 pins mortise cylinders with 3 brass standard keys (computer key is available). 6 or 7 pins (SFIC or LFIC) cylinders with 2 operate nickel plated standard keys + 1 nickel plated control key.
- Several cams are available. Construction keys and master key system are available. Several keyways are available.
- Standard finish: 630 (satin stainless steel). Other finishes are available upon request.



ELECTRIFIED LOCKS - EML SERIES

SFIC HOUSING – CICH – 6 or 6/7 PINS SFIC		SFIC CORE – SFIC – 6 & 7 PINS		MORTISE CYLINDER – DMC	
CYLINDER GUARD – DCG – AVAILABLE 5, 10 & 16 MM PROJECTION					
KEYS DMC		WAVE SPRING		KEYS SFIC	
SECURITY CYLINDER GUARD – DCG8.5 or DCG13.5			CYLINDER GUARD – DCG8		
CAMS FOR SFIC HOUSING					
1	2	3	4	5	6

ELECTRIFIED LOCKS - EML SERIES


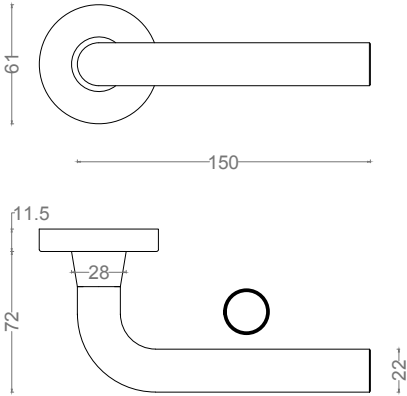
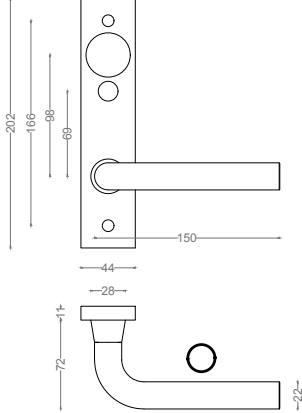

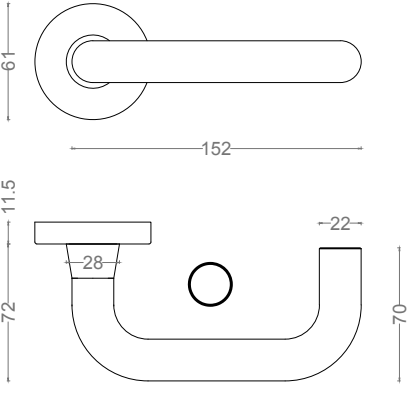
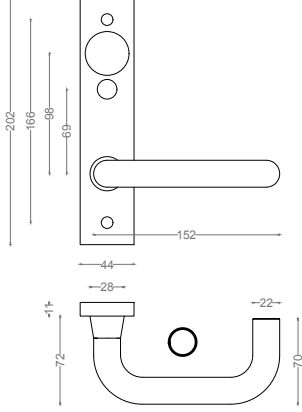

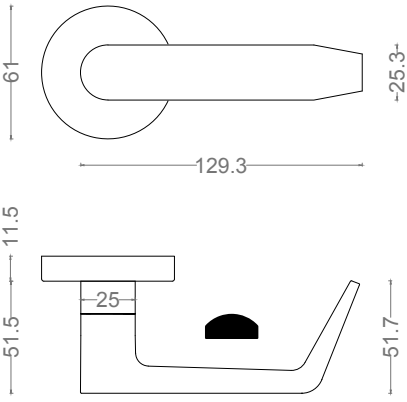
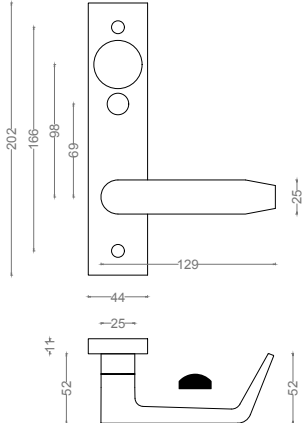
CAMS FOR DMC HOUSING			
1	2	4	MB
			
ONE WAY CYLINDER – DMCTL (LEFT) or DMCTR (RIGHT)			
			
SQUARE CYLINDER GUARD – DCGSQ		SPACER SFIC 6 PINS – FOR CICH – FOR SFIC 7 PINS TO SFIC 6 PINS	
			
CICHR34.9 T, RIM CYLINDER WITH SFIC HOUSING		DCG	
 		 	

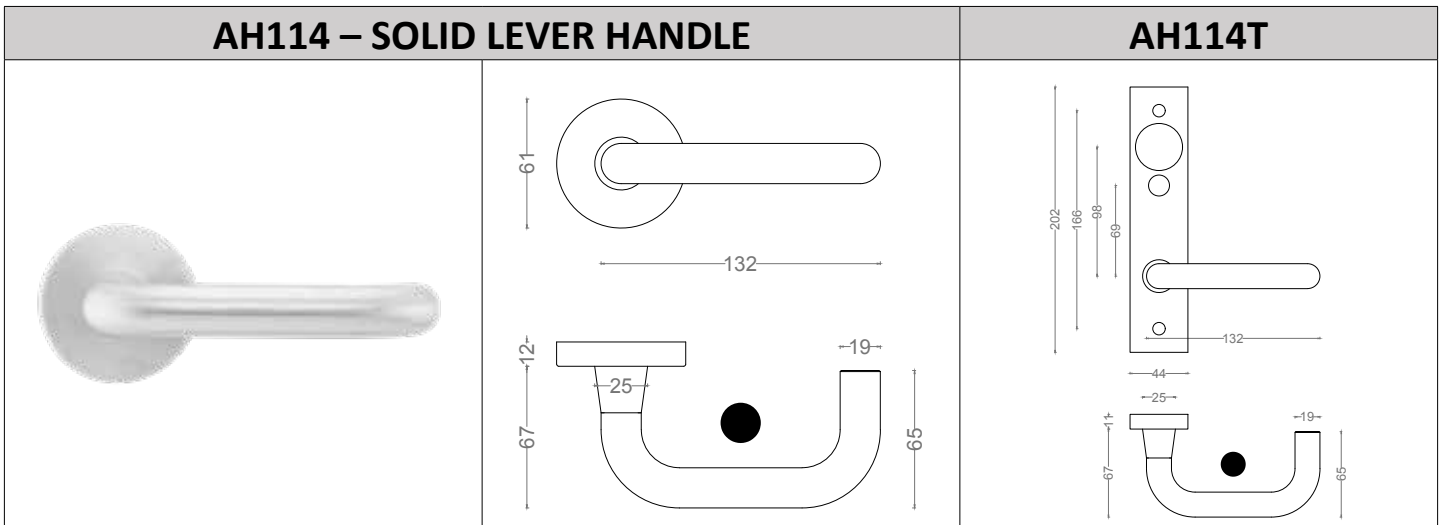
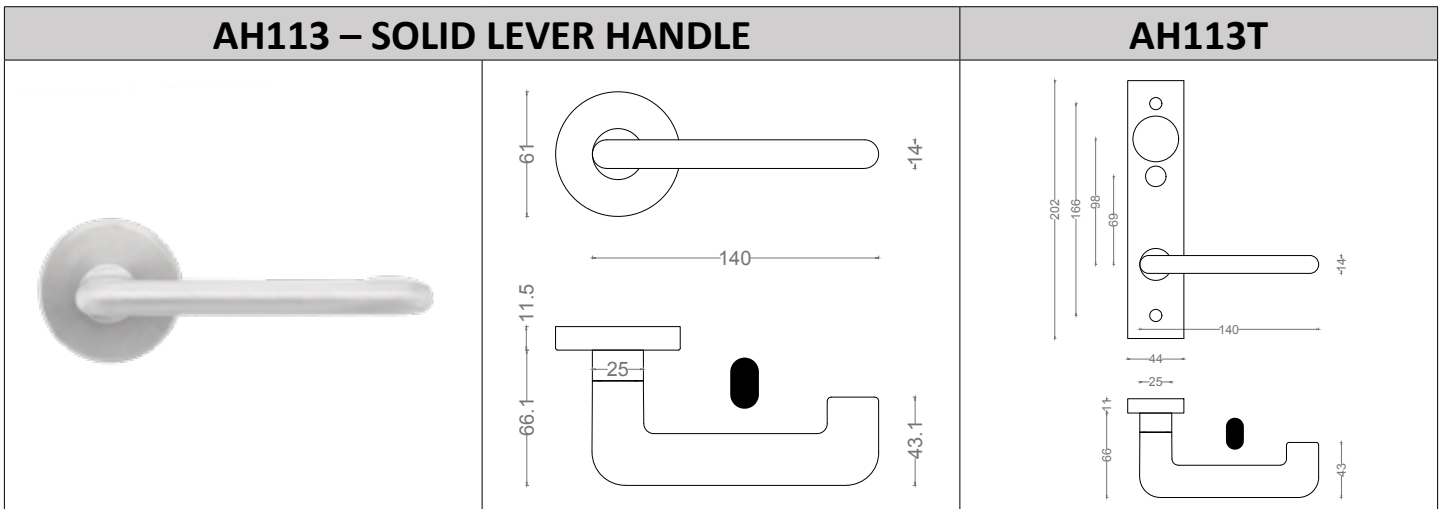
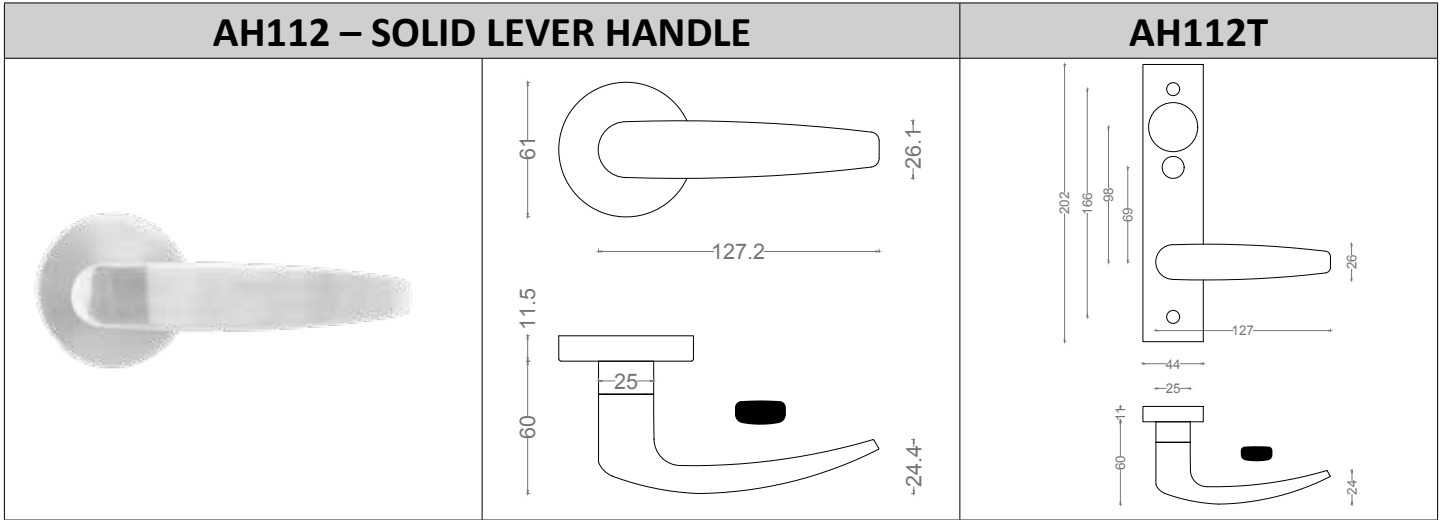
ELECTRIFIED LOCKS - EML SERIES


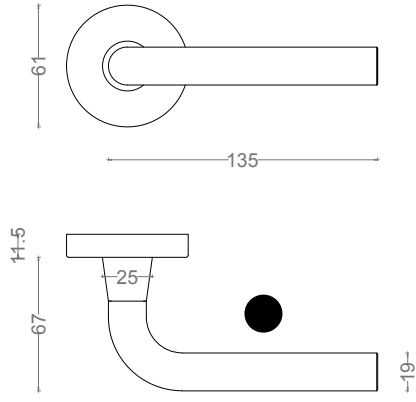
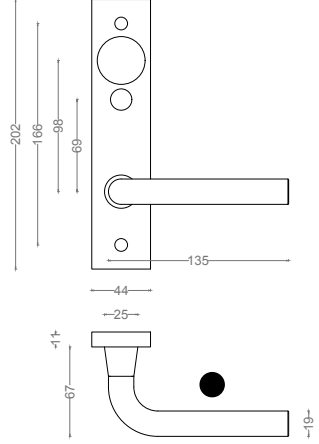
AVAILABLE MODELS	
EMLF05 Classroom Fail Safe or Fail Secure	Outside lever locked (EL) or unlocked (EU) electronically. Latchbolt retracted by lever on either side unless outside has been locked by key. Applied power allows outside lever to retract latchbolt. Inside lever is always free for immediate egress.
EMLF07 Storeroom Fail Safe or Fail Secure	Outside lever locked (EL) or unlocked (EU) electronically. Latchbolt retracted by key outside or lever inside. Applied power allows outside lever to retract latchbolt. Inside lever is always free for immediate egress.
EMLF30 Institutional Fail Safe or Fail Secure	Outside and inside levers simultaneously locked (EL) or unlocked (EU) electronically. Latchbolt retracted by key on either side. Applied power allows both levers to retract latchbolt.
EMLF20 Entry with deadbolt Fail Safe or Fail Secure	Outside lever locked (EL) or unlocked (EU) electronically. Latchbolt and deadbolt retracted by key outside or lever inside. Applied power allows outside lever to retract latchbolt and deadbolt. Inside lever is always free for immediate egress.
EMLF19 Privacy with deadbolt Fail Secure only	Outside lever unlocked (EU) electronically. Latchbolt and deadbolt retracted by key outside or lever inside. Applied power allows outside lever to retract latchbolt unless deadbolt is thrown. Inside lever is always free for immediate egress. Available in EU (Electronically unlocked) function only.


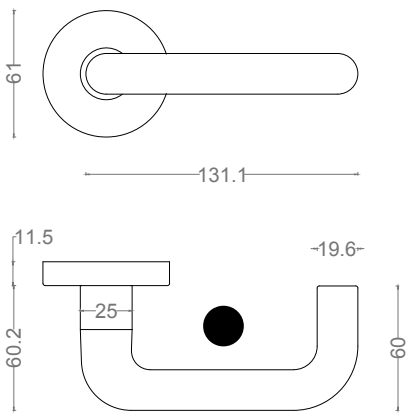
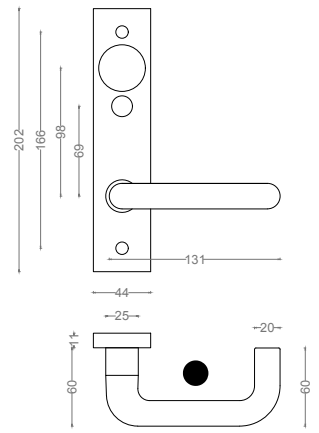
NOTE:


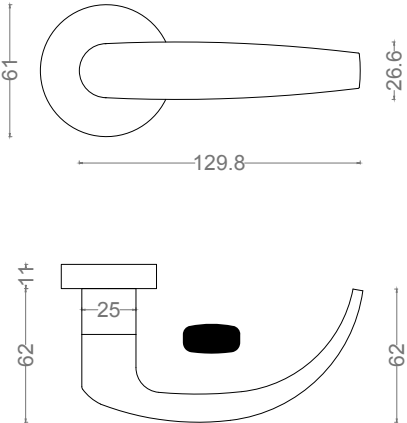
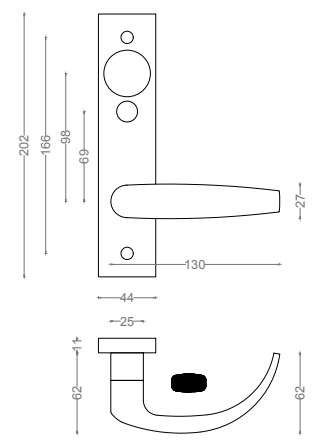
EL-Fail Safe, lock unlocks when power is removed.
 EU-Fail Secure, lock unlocks when power is applied.


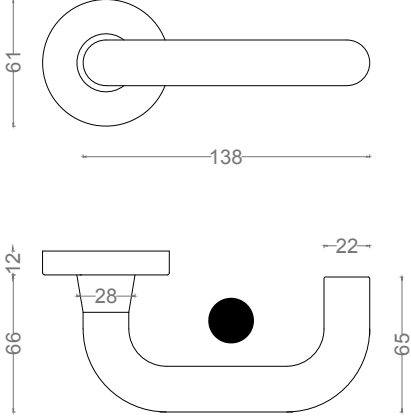
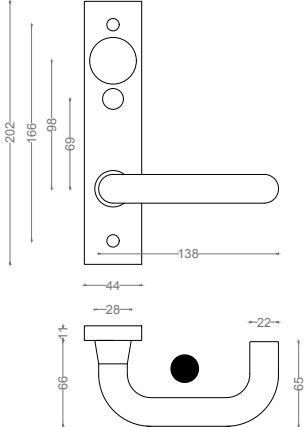
AH101 – HOLLOW LEVER HANDLE		AH101T
		
AH102 – HOLLOW LEVER HANDLE		AH102T
		
AH111 – SOLID LEVER HANDLE		AH111T
		


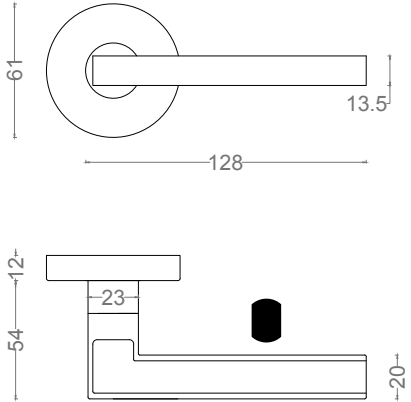
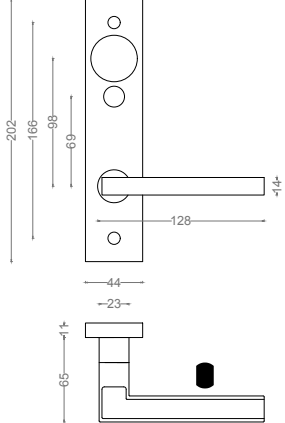



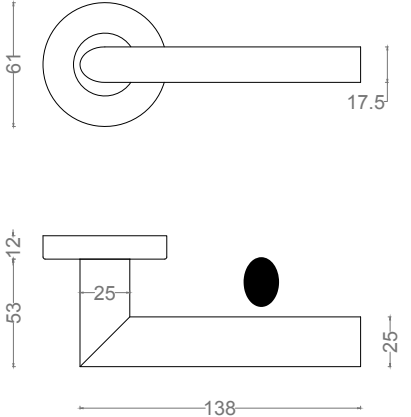
AH115 – SOLID LEVER HANDLE		AH115T
		

AH116 – SOLID LEVER HANDLE		AH116T
		

AH117 – SOLID LEVER HANDLE		AH117T
		

AH118 – SOLID LEVER HANDLE		AH118T
		

AH119 – SOLID LEVER HANDLE		AH119T
		

AH126 – SOLID LEVER HANDLE	
	



**ELECTRIFIED LOCKS
SERIES - EMLF**

ITEM CODE: EMLF SERIES

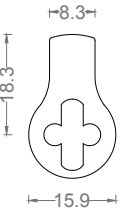
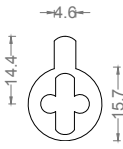
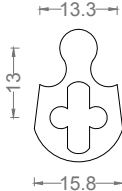
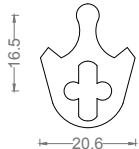

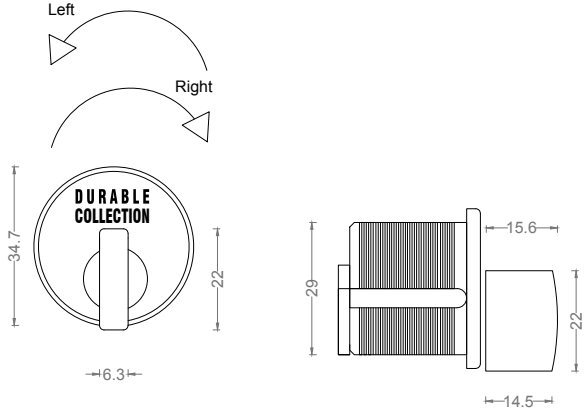
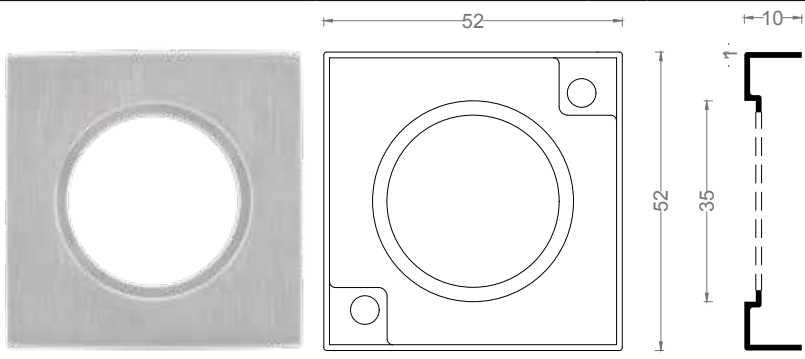
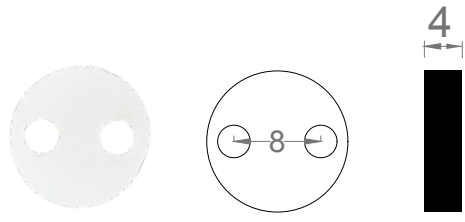

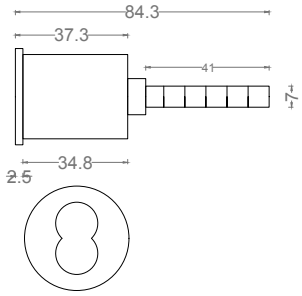
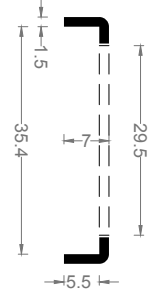
Features:



GRADE 1


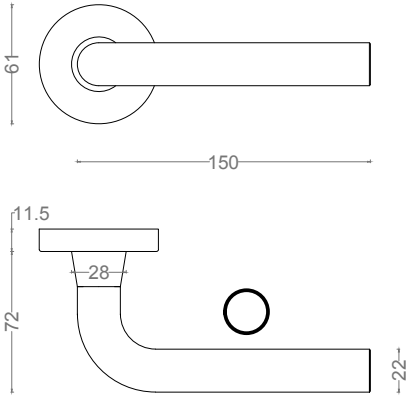
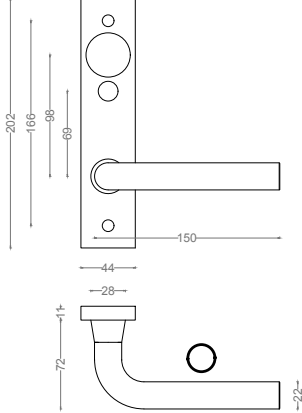

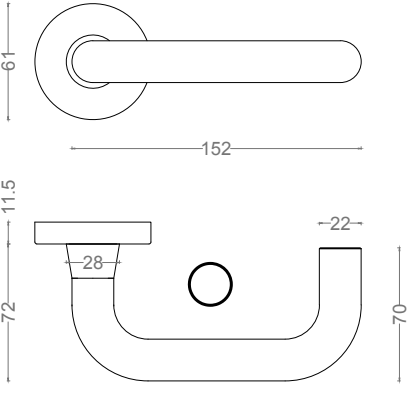
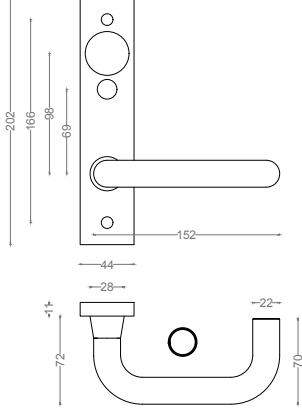

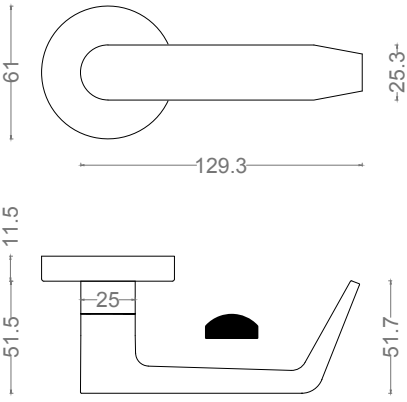
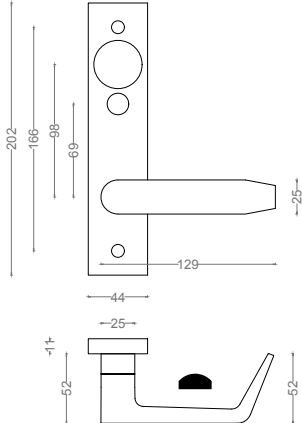
- Heavy duty electrified mortise locks.
- UL listed. UL10C 3 hours fire rated.
- UL file number: GYQS.R39687
- Mortise chassis tested to meet ANSI A156.13 grade 1 (1,000,000 cycles).
- ADA compliant (American with Disabilities Act), ANSI A117 (Accessible and Usable Buildings and Facilities).
- Latchbolt solenoid operating voltage 24 VDC(+/- 10%), holding current amperage 260mA@24VDC, Surge current amperage 1.9A for 350ms@24VDC, peak current 7A@24VDC, solenoid coil resistance 1.75 Ω, wire gauge minimum 18 gauge, 300' with 18 ga wire.
- Lever solenoid operating voltage 12/24VAC/DC (+/- 10%), amperage 24V@350mA, amperage 12V@700mA solenoid coil resistance 24V=69Ω, coil resistance 12V=18Ω
- Options: REX (Request to Exit) switch available, LBM (Latchbolt monitor) switch available.
- No special lock preparation is required, fits standard mortise lock series 1000.
- Ideal for "push/pull" applications.
- Only work with recommended power supply. Consult Durable Collection before specifying.
- Field reversible without lock disassembly.
- Locks include special high-strength springs and a positive stop to eliminate unsightly sagging levers.
- Trims utilize 11 mm high-strength alloy steel spindles for extra durability.
- Field reversible without lock disassembly. Designed for doors thickness 44 mm standard.
- Backset: 70 mm only. Center to center: 98 mm only.
- Armored front size: 203 x 32 x 1.5 mm. Case size: 113 x 153 x 24 mm.
- Deadbolt: 25 mm in stainless steel. Latchbolt 19 mm throw in stainless steel with anti-friction tongue.
- Strike: ANSI curved lip strike 32 x 124 mm with dust box standard. Door cutout Type 86.
- Tested with levers in hollow or solid stainless steel.
- Cylinders and keys: Mortise or interchangeable core (SFIC or LFIC) cylinders. 5 or 6 pins mortise cylinders with 3 brass standard keys (computer key is available). 6 or 7 pins (SFIC or LFIC) cylinders with 2 operate nickel plated standard keys + 1 nickel plated control key.
- Several cams are available. Construction keys and master key system are available. Several keyways are available.
- Standard finish: 630 (satin stainless steel). Other finishes are available upon request.


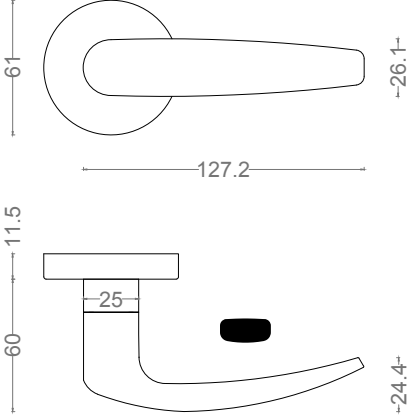
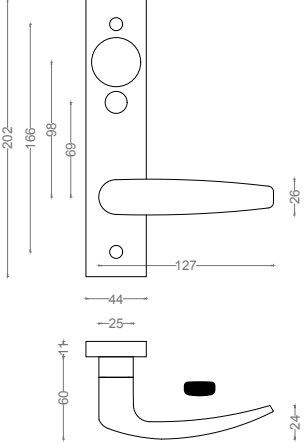

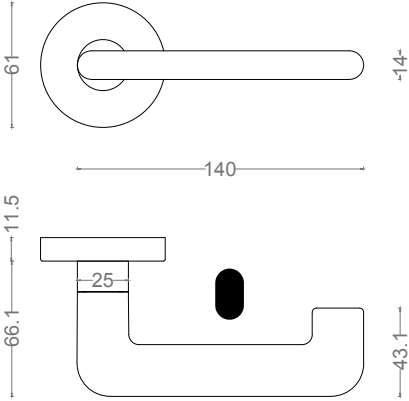
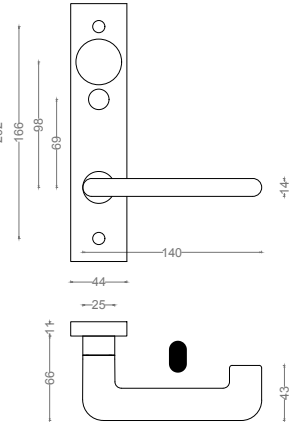

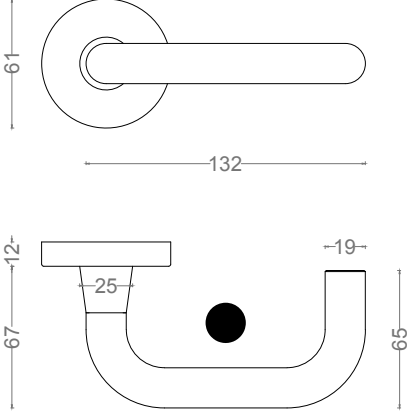
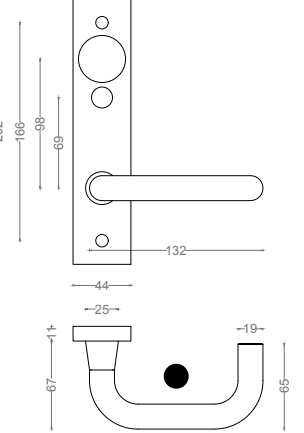
SFIC HOUSING – CICH – 6 or 6/7 PINS SFIC		SFIC CORE – SFIC – 6 & 7 PINS		MORTISE CYLINDER – DMC	
CYLINDER GUARD – DCG – AVAILABLE 5, 10 & 16 MM PROJECTION					
KEYS DMC		WAVE SPRING		KEYS SFIC	
SECURITY CYLINDER GUARD – DCG8.5 or DCG13.5			CYLINDER GUARD – DCG8		
CAMS FOR SFIC HOUSING					
1	2	3	4	5	6

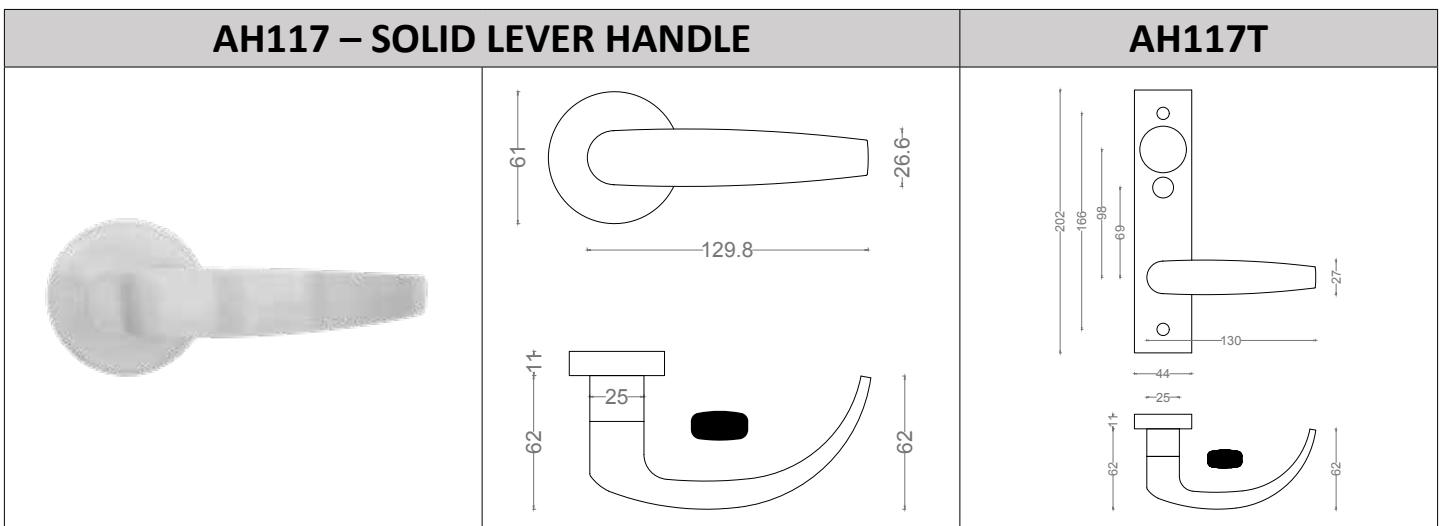
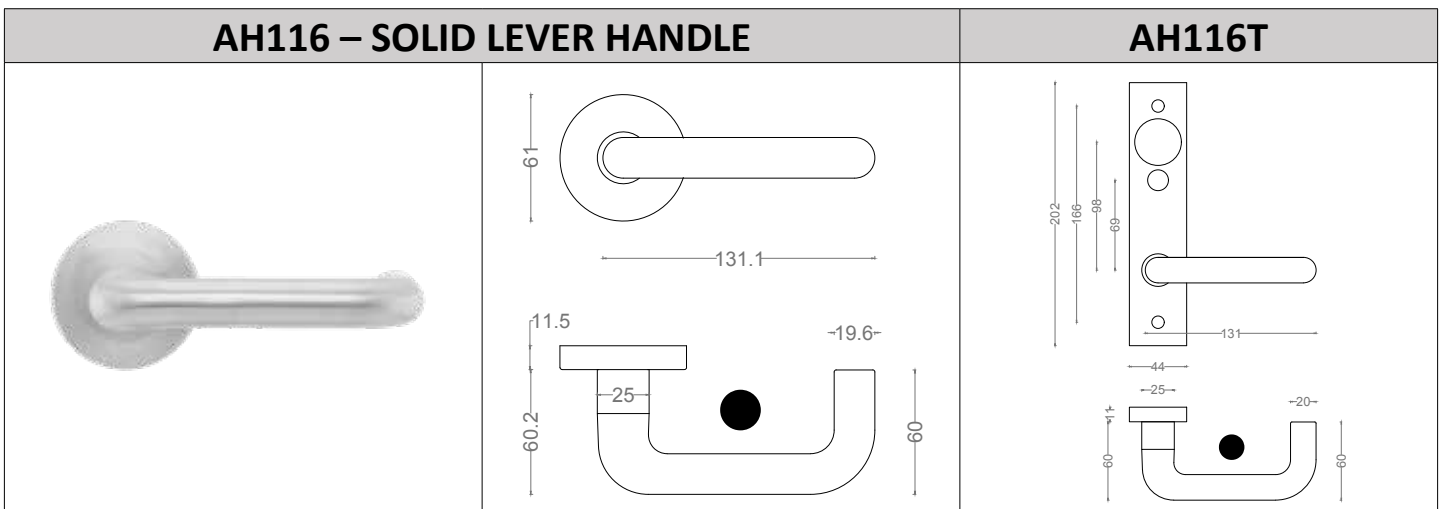
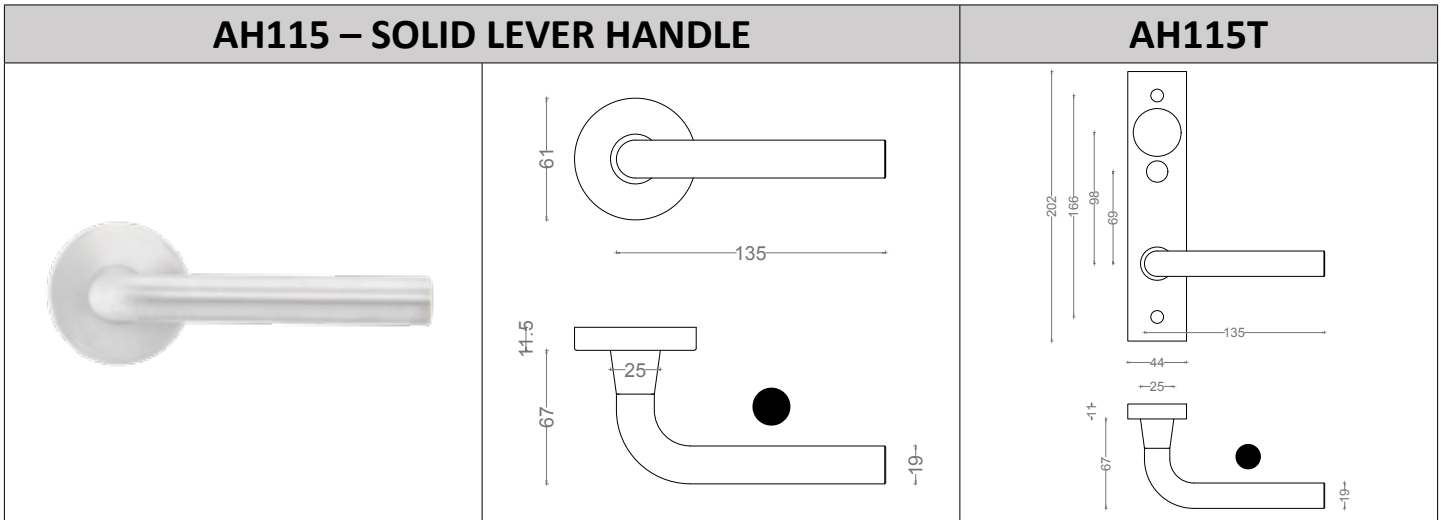
CAMS FOR DMC HOUSING			
1	2	4	MB
			
ONE WAY CYLINDER – DMCTL (LEFT) or DMCTR (RIGHT)			
			
SQUARE CYLINDER GUARD – DCGSQ		SPACER SFIC 6 PINS – FOR CICH – FOR SFIC 7 PINS TO SFIC 6 PINS	
			
CICHR34.9 T, RIM CYLINDER WITH SFIC HOUSING		DCG	
			

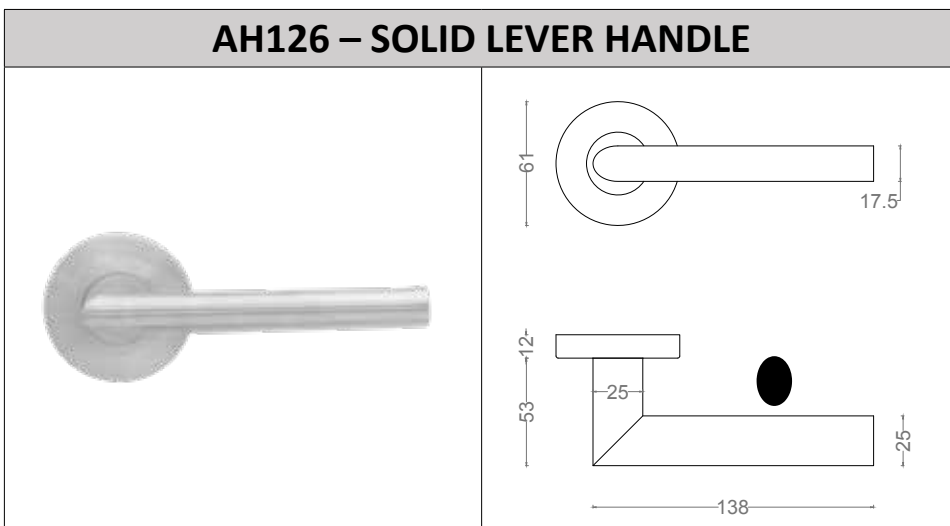
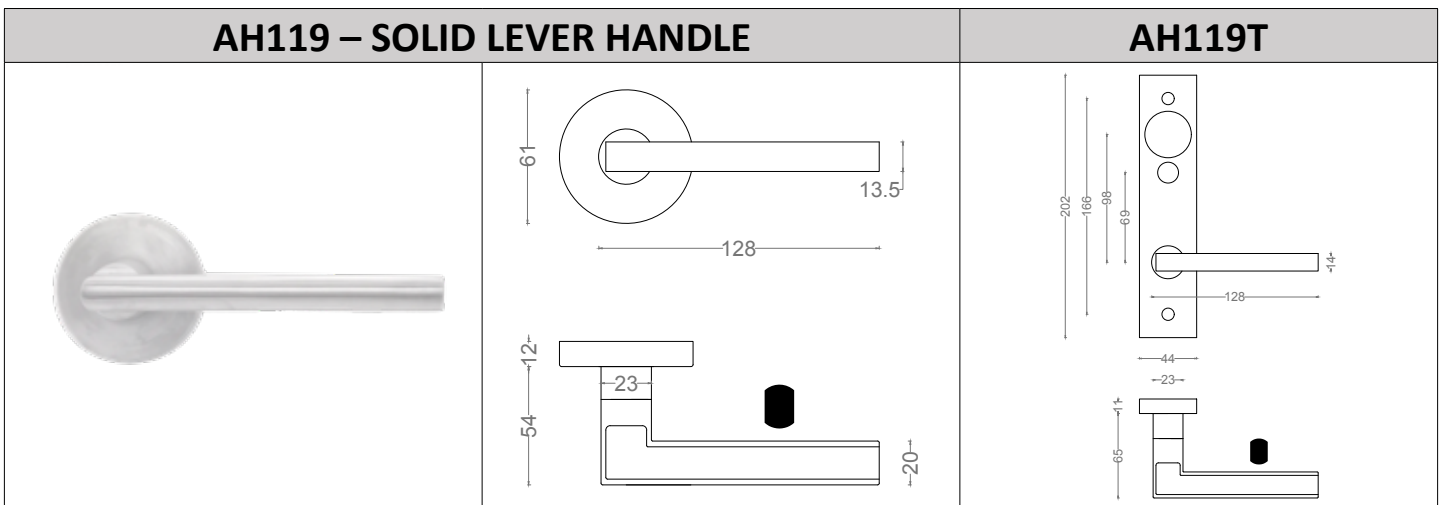
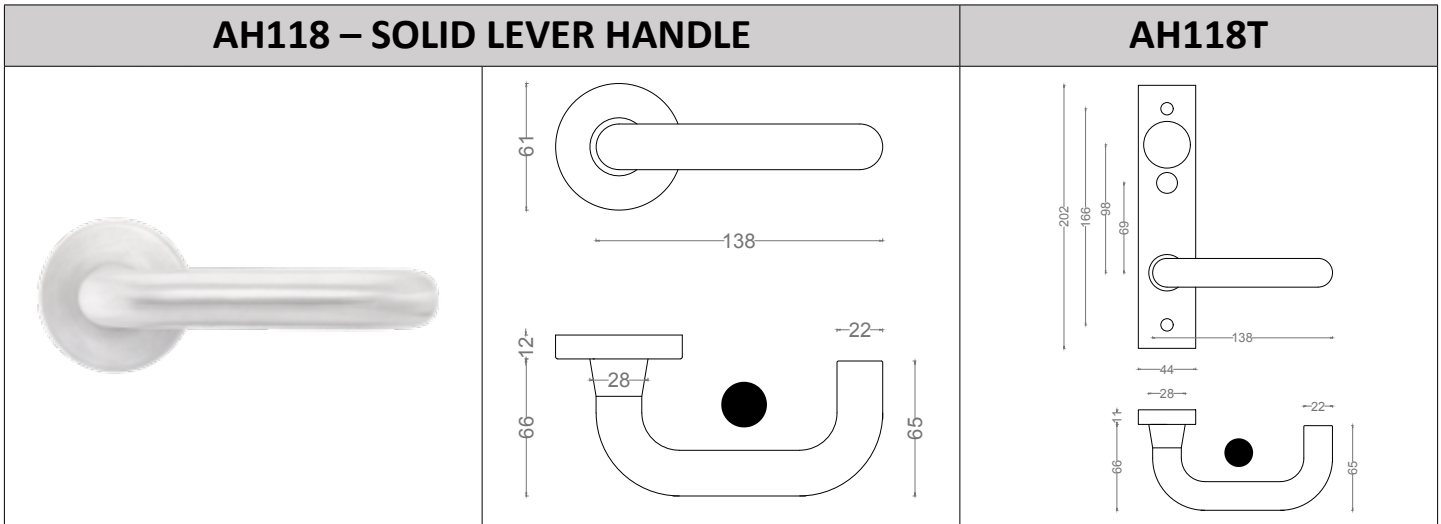
ELECTRIFIED LOCKS . LATCH RETRACTION

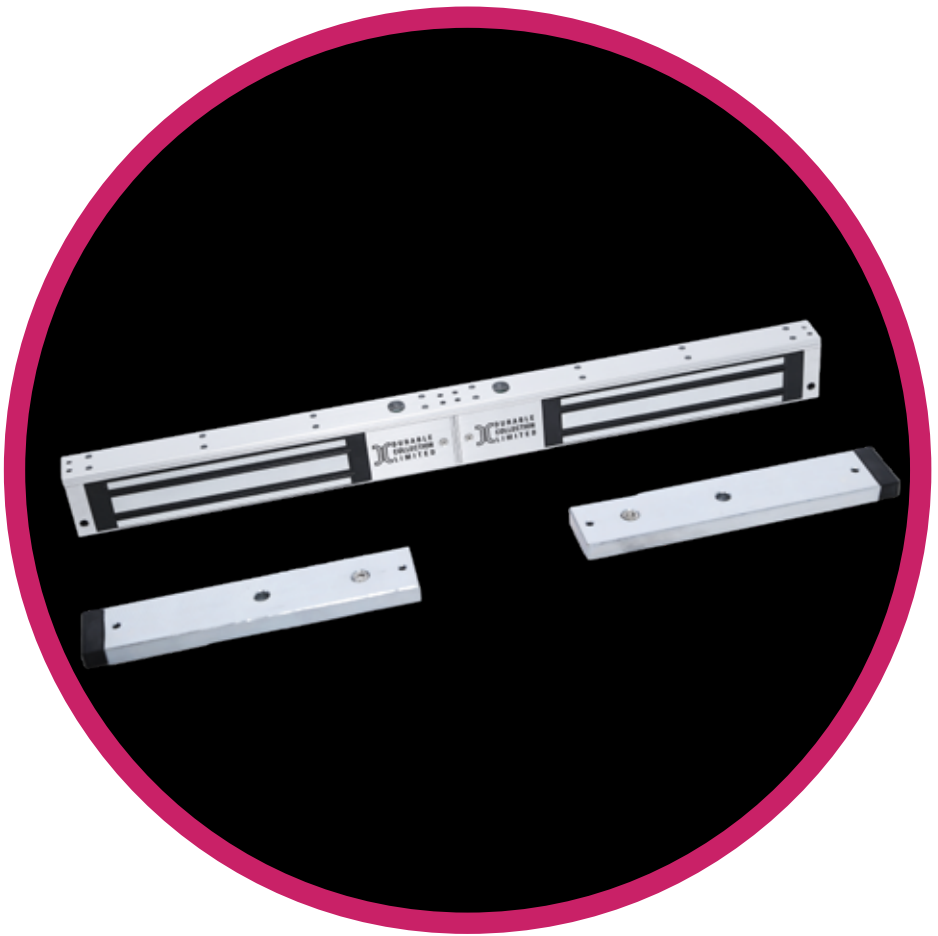
AVAILABLE MODELS	
EMLF01-ELR Passage F01	<ul style="list-style-type: none"> • Latchbolt retracted by lever outside or by lever inside. Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside and inside lever are always free ingress and egress.
EMLF07-ELR Storeroom F07	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or by lever inside. Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside lever is always rigid (locked) and inside lever is always free egress.
EMLF30-ELR Institutional F30	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or inside (double cylinder operation). Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside and inside levers are always rigid (locked).
EMLF07ELXF01-ELR Storeroom F07EL (outside) / passage F01 (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or by inside lever. Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside lever's function is storeroom F07EL. Applied power prohibits outside lever from retracting latchbolt. • Inside lever's function is passage F01, always free egress.
EMLF07EUXF01-ELR Storeroom F07EU (outside) / passage F01 (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or by inside lever. Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside lever's function is storeroom F07EU. Applied power allows outside lever to retract latchbolt. • Inside lever's function is passage F01, always free egress.
EMLF30XF07EL-ELR Institutional F30 (outside) / Storeroom F07EL (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or inside (double cylinder operation). Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside lever's function is institutional F30. Always Clutching (does not activate outside lever at any time). • Inside lever's function is storeroom F07EL, Applied power prohibits inside lever from retracting latchbolt.
EMLF30XF07EU-ELR Institutional F30 (outside) / Storeroom F07EU (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or inside (Double Cylinder operation). Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside lever's function is institutional F30. Always Clutching (does not activate outside lever at any time). • Inside lever's function is storeroom F07EU, Applied power allows inside lever to retract latchbolt.
EMLF30ELXF30EL-ELR Institutional F30EL (outside) / Institutional F07EL (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or inside (double cylinder operation). Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside and inside levers' function is institutional F30EL. Applied power prohibits both levers from retracting latchbolt.
EMLF30EUXF30EU-ELR Institutional F07EU (outside) / Institutional F07EU (inside)	<ul style="list-style-type: none"> • Latchbolt retracted by key outside or inside (double cylinder operation). Applied power electronically (EU) retracts latchbolt for push/pull operation. • Outside and inside levers' function is institutional F30EU. Applied power allows both levers to retract latchbolt.
NOTE: EL-Fail Safe, lock unlocks when power is removed. EU-Fail Secure, lock unlocks when power is applied.	

AH101 – HOLLOW LEVER HANDLE		AH101T
		
AH102 – HOLLOW LEVER HANDLE		AH102T
		
AH111 – SOLID LEVER HANDLE		AH111T
		

AH112 – SOLID LEVER HANDLE		AH112T
	 <p>61 11.5 60 127.2 25 26.1 24.4</p>	 <p>202 166 98 69 26 127 44 25 60 11 24</p>
AH113 – SOLID LEVER HANDLE		AH113T
	 <p>61 11.5 66.1 140 25 14 43.1</p>	 <p>202 166 98 69 14 44 25 66 11 13</p>
AH114 – SOLID LEVER HANDLE		AH114T
	 <p>61 12 67 132 25 19 65</p>	 <p>202 166 98 69 132 44 25 67 11 19 65</p>





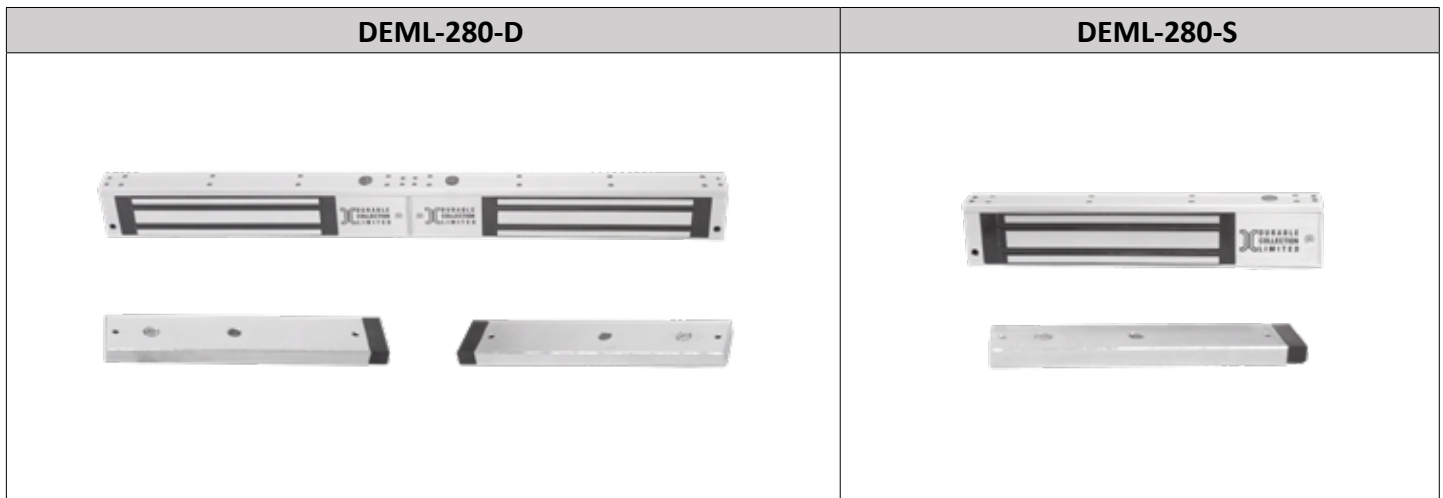


**ITEM CODE: DEML-280 & DEML-500 SERIES
UL LISTED SURFACE MOUNTED
OR MORTISE TYPE ELECTROMAGNETIC LOCKS**



Features:

- Surface mounted or mortise type electromagnetic lock suitable for access control systems that are operated by one of the peripheral devices (hand and fingerprint readers, keypad, card reader, etc...)
- Selectable input dual Voltage: 12VDC/24VDC
 - DEML-280-S: Working Current 12VDC/480mA, 24VDC/240mA
 - DEML-280-D: Working Current 12VDC/480mA \times 2, 24VDC/240mA \times 2
 - DEML-280-MTDS: Working Current 12VDC/480mA, 24VDC/240mA
 - DEML-500-S: Working current 12VDC/600mA, 24VDC/300mA
 - DEML-500-D: Working current 12VDC/600mA \times 2, 24VDC/300mA \times 2
- Powerful static linear holding force: available in two holding force, 280 kgs (600LBS) and 500 kgs (1200LBS).
- Built-in reverse current protection device (MOV-Metal Oxide Varistor).
- Anti-rust surface treatment and anti-residual magnetism design.
- Shell/casing, mounting plate and brackets are made of high-strength aluminum alloy.
- Standard with:
 - Door Status Sensor (DS), built-in magnetic contact for door status monitoring (door open or closed).
 - Lock/bonding Status Sensor (LS), Green/Red LED for lock status, Green=unlocked, Red=locked.
 - Re-lock Time Delay (TD), selectable auto lock time delay up to 9 seconds.
- Area of application: Wooden, steel or glass (frameless or fully frameless) doors.
- Full range of optional brackets.
- Available for single or double doors.
- UL listed and examined to UL10C. UL unique file #: GWXT.R39904, suitable for fire rated up to and including 3 hours.
- Tested to ANSI/UL 1034, standard for Burglary-Resistant Electric Locking Mechanism.
- EN1634-1 tested up to 4 hours.
- Casing & bracket finish: Wiredrawing, except 280-F BRACKET and DEML-280-MORTISE (Sand Blasting). Other finishes are available upon request.



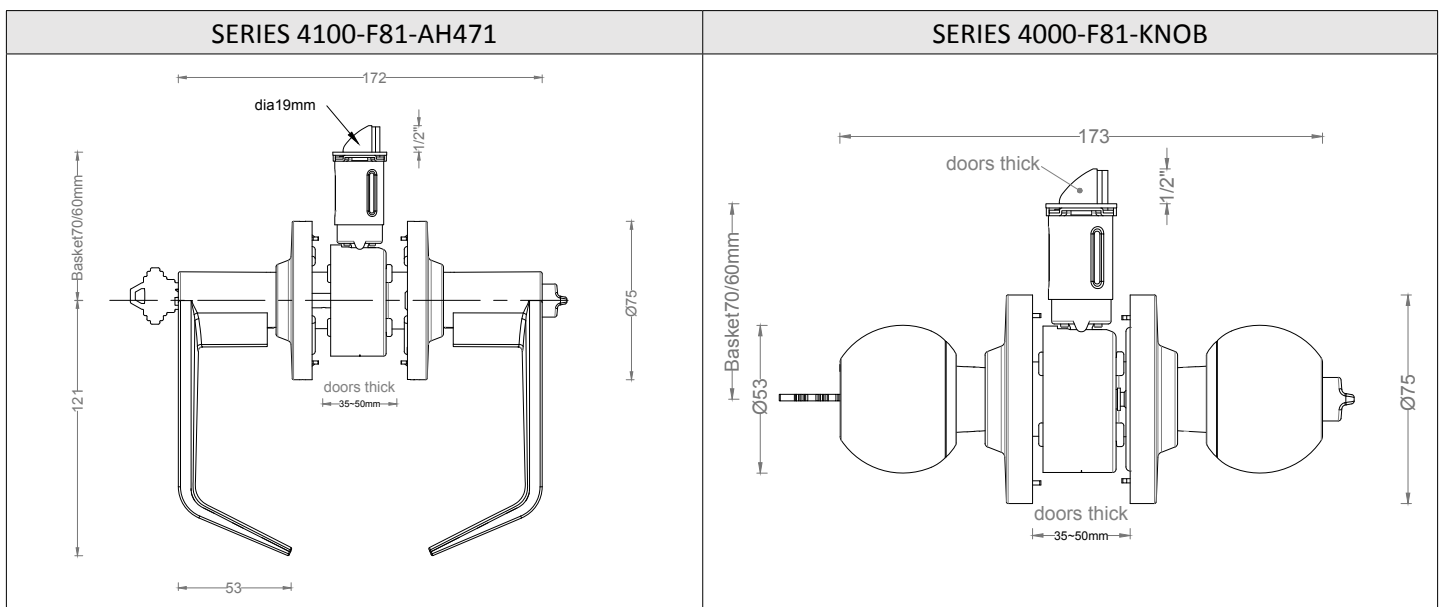


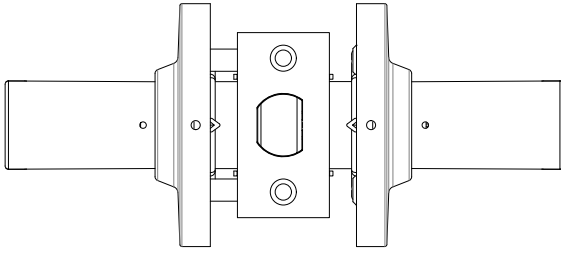
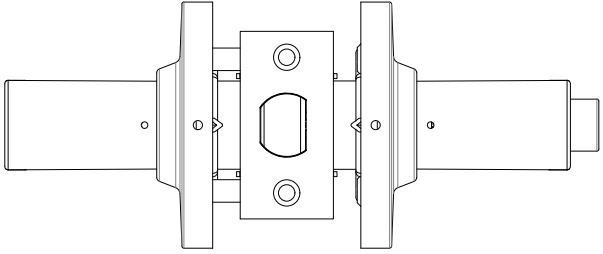
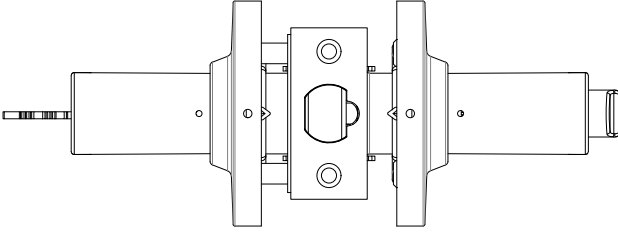
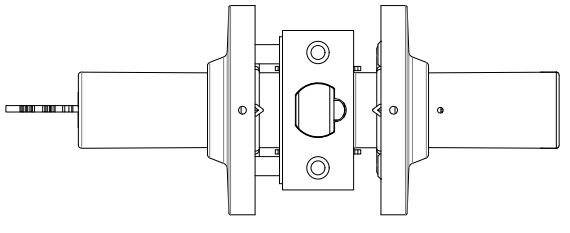
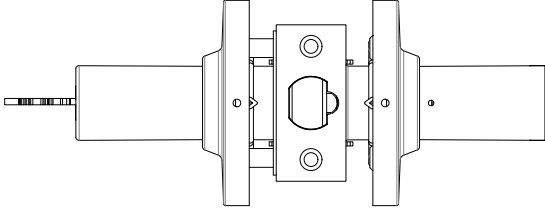
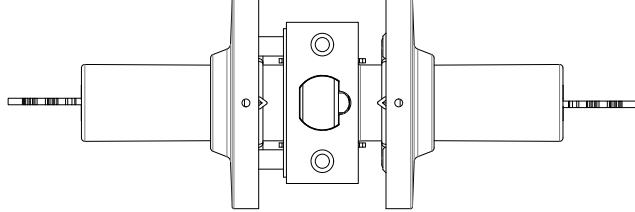
ITEM CODE: SERIES 4100 & 4000



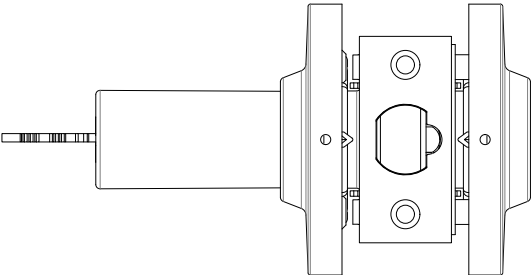
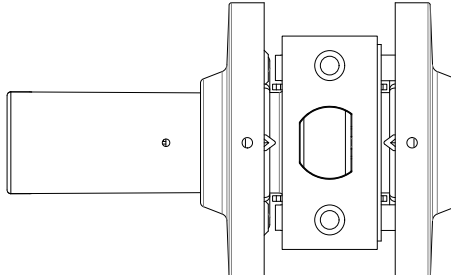
Features:

- Heavy duty cylindrical bored locks.
- UL listed. UL10C 3 hours fire rated.
- Compliant to meet ANSI A156.2 grade 2.
- ADA compliant (American with Disabilities Act), ANSI A117 (Accessible and Usable Buildings and Facilities).
- Non-handed for simple installation.
- Series 4100: Standard accepts SFIC core. Optional key-in-lever.
- Series 4000: Standard key-in-lever.
- Designed for doors thickness 44 mm standard.
- Standard backset: 70 mm only.
- Latchbolt 12.7 mm throw in stainless steel.
- Strike: ANSI strike.
- Available in knob or lever handle.
- Series 4100 material base: lever is zinc, rose is SUS304.
- Series 4000 material base: SUS304
- Cylinders and keys: Small format Interchangeable core (SFIC) cylinders, 6 or 7 pins SFIC cylinders with 2 operate nickel plated standard keys + 1 nickel plated control key.
- SFIC core on selected models, several ANSI functions are available
- Construction keys, master key and keyways are available.
- Standard finish: 626 (satin chromium plated) standard, Other finishes are available upon request.



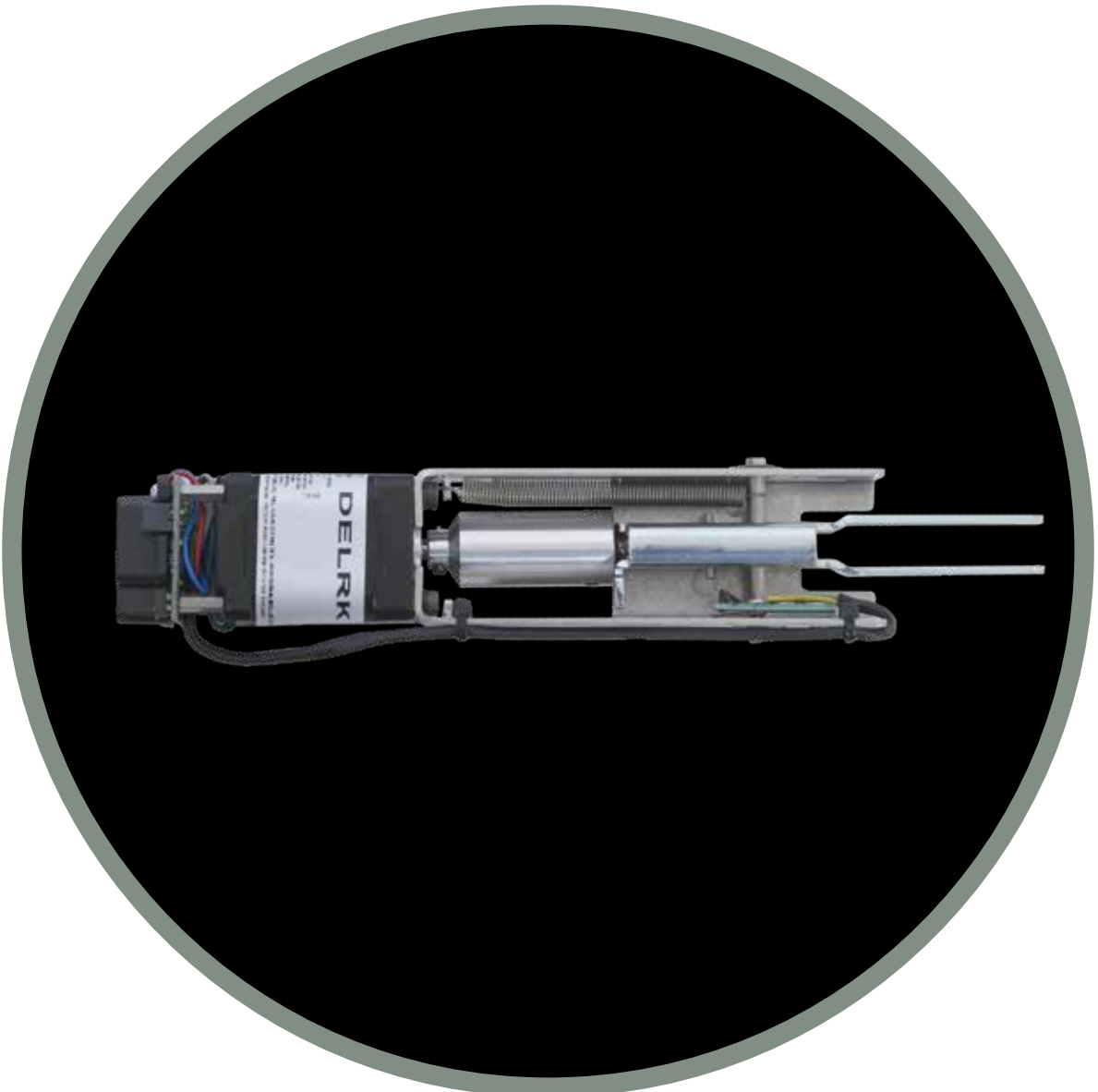
OUTSIDE/INSIDE - PASSAGE (ANSI F75)	OUTSIDE/INSIDE - PRIVACY (ANSI F76)
	
<ul style="list-style-type: none"> • Both lever always unlocked 	<ul style="list-style-type: none"> • Push-button locking • Can be opened from outside with small narrow tool • Turning the inside lever releases button
OUTSIDE/INSIDE - ENTRY (F81)	OUTSIDE/INSIDE - CLASSROOM (F84)
	
<ul style="list-style-type: none"> • Outside lever locked and unlocked by key or by turn-button on inside lever • Inside lever always unlocked • SFIC & Key-in cylinder are available for 4100 series 	<ul style="list-style-type: none"> • Outside lever locked and unlocked by key • Inside lever always unlocked • SFIC & Key-in cylinder are available for 4100 series
OUTSIDE/INSIDE - STOREROOM (F86)	OUTSIDE/INSIDE - COMMUNICATING (F80)
	
<ul style="list-style-type: none"> • Outside lever fixed • Entrance by key only • Inside lever always unlocked • SFIC & Key-in cylinder are available for 4100 series 	<ul style="list-style-type: none"> • Deadlocking latchbolt operated by lever from either side. • Turning key in either lever locks or unlocks its own lever independently.

CYLINDRICAL BORED LOCKS

INSIDE / OUTSIDE - EXIT WITH SFIC - CONNECTING ROOM	INSIDE / OUTSIDE - EXIT WITHOUT SFIC - CONNECTING ROOM
	
<ul style="list-style-type: none"> • The inside lever is locked or unlocked by key. • When unlocked the lockset provides Exit. • When locked, the lockset stops Exit. • Blank plate outside. 	<ul style="list-style-type: none"> • Deadlocking latchbolt operated from inside only. • Blank plate outside.

DSSD	DDSD
	
DOIB	AVAILABLE TRIM: AH471
	

**ELECTRIFIED LATCH
RETRACTION**



ITEM CODE: DELRK

ELECTRIFIED LATCH RETRACTION KIT (FIELD INSTALLABLE MOTORIZED)



Features:

- Convert mechanical fire exit hardware: 1000RT, 1200SVR, 1200SVRLBR, 1320CVRMD, 1320CVRWD, 1040RTNS, 1320CVRNS and 1110MLT to an electrified latch pullback device.
- The retrofit kit will maintain all UL listings on fire exit hardware.
- “PTS” push to set technology: 5 seconds electronic adjustment for easy post installation adjustment.
- “MM4S” smart module: on board diagnostics with audible feedback for adjustment and power issues.
- Electric dogging for continuous duty, auto re-engage if push pad is pulled from dogged position.
- Field switchable to “high torque” mode.
- Optional REX (Request to Exit) can be supplied and the combo of 2 kits (DELRK-REX) will maintain UL listing.
- UL listed and examined to UL10C. UL unique file #: GWVW.R39787, suitable for fire rated up to and including 3 hours.
- Voltage range 22 to 28VDC (+/- 10%)
- Unit will shutdown when voltage exceeds 28VDC.
- Standard torque mode: Average latch retraction current 900mA, Average holding current 190mA
- High torque mode: Average latch retraction current 2 Amp, Average holding current 250mA
- Lead 8’ with VD connector.
- Always refer to installation manual for correct installation and testing & commissioning.
- Consult Durable Collection for suitable power supply.





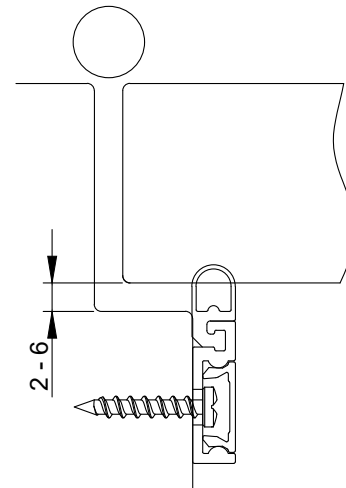
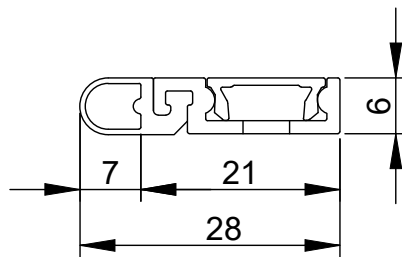
**ITEM CODE: D286 SERIES
SURFACE MOUNTED SILICONE SELF-EXTINGUISHING GASKET
& PVC COVER CAP**



Features:

- Area of application: All types of doors.
- Base material: Aluminum.
- Surface mounted slim design concealed fixing silicone perimeter gasket & PVC cover cap.
- Retrofit.
- Elongated fixing holes for easy positioning and adjustment.
- Snap on cover. Supplied with fixing screws.
- Tested to STC51+.
- UL LISTED.
- Standard lengths: 1000 mm and 2250 mm. Optional additional lengths 1250, 2500 and 3000 mm.
- Standard finish: Silver anodised aluminium with grey silicone rubber gasket.

D286



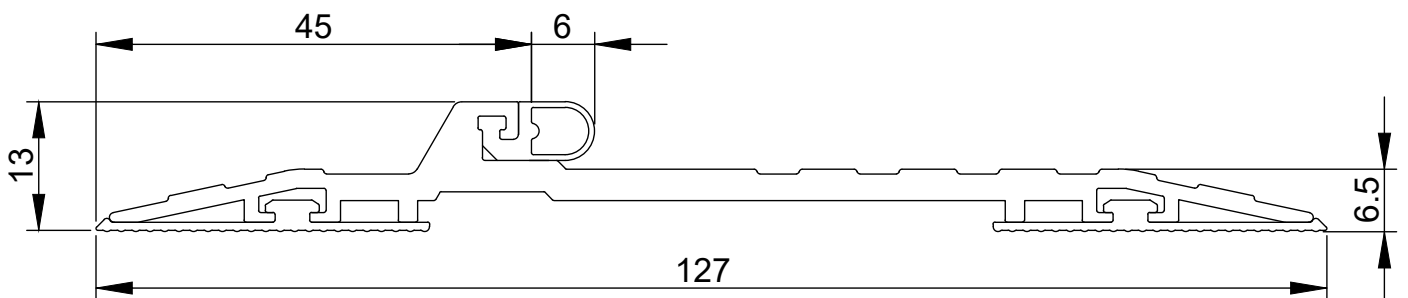
**ITEM CODE: D4200A SERIES
THRESHOLD ALUMINIUM PLATE WITH SILICONE INSERT
& PVC BEDDING GASKET.**



Features:

- Area of application: Wooden or metal doors.
- Base material: Aluminum.
- Suitable for outward opening doors to prevent rain, draughts, light and noise penetration.
- The high performance silicone insert compression seal, combined with the PVC bedding gasket, help provide an effective acoustic barrier.
- Tested to STC51+.
- UL LISTED.
- Supplied with fixing accessories.
- May be used with a panic type exit device.
- Meets Approved Document M (England and Wales).
- Standard lengths: 1000 mm and 2250 mm. Optional additional lengths 1250, 1500, 2500 and 3000 mm.
- Standard finish: Silver anodised aluminium with grey silicone insert and gasket.

D4200A



**ITEM CODE: D8010Y SERIES
DOOR AUTOMATIC CONCEALED BOTTOM NEOPRENE
SELF-EXTINGUISHING SEALS**



Features:

- Area of application: Metal, wood or PVC doors.
- For commercial and residential buildings.
- A highly efficiency mechanism that lifts the seal clear of the floor as soon as the door by a few millimeters.
- Used to seal the gap at the bottom of your door to prevent infiltration of sound, lights, draught, insects, moisture and smoke.
- UL LISTED. Non handed.
- Retracts parallel when the door opens/closes to minimize friction with the floor. Self-levelling for uneven floors.
- Available standard lengths: 914, 1000 and 1220 mm.
- Aluminum profile/section. Seal material: Neoprene. Supplied with fixing screws.
- Available finish: Silver anodized aluminium.

D8010Y						
	CUT DOWN TO					
MODEL #	786mm	829mm	914mm	939mm	1000mm	1220mm
D8010Y - 914	-----					
D8010Y - 1000		-----				
D8010Y - 1220			-----			

**ITEM CODE: D8100A & D8100B SERIES
DOOR AUTOMATIC CONCEALED BOTTOM SILICONE
SELF-EXTINGUISHING SEALS**



SIZE	MAXIMUM CUT BACK
385mm	230mm
500mm	300mm
585mm	485mm
685mm	555mm
750mm	555mm
900mm	685mm
1050mm	855mm
1200mm	1045mm
1350mm	1100mm
1500mm	1320mm
1650mm	1420mm
1800mm	1555mm
1950mm	1715mm
2100mm	1820mm

Features:

- Area of application: Metal, wood or PVC doors.
- For commercial and residential buildings.
- A highly efficiency mechanism that lifts the seal clear of the floor as soon as the door by a few millimeters.
- Used to seal the gap at the bottom of your door to prevent infiltration of sound (tested to STC51+),lights, draught, insects, moisture and smoke.
- UL LISTED. Non handed. Tool free single sliding actuator can be deactivated before building occupancy.
- Retracts parallel when the door opens/closes to minimize friction with the floor. Self-levelling for uneven floors. Overload protection protects seal from excessive wear.
- Available lengths and cut back: Check table.
- Aluminum profile/section. Seal material: Silicone. Supplied with fixing screws. Available finish: Silver anodized aluminium.

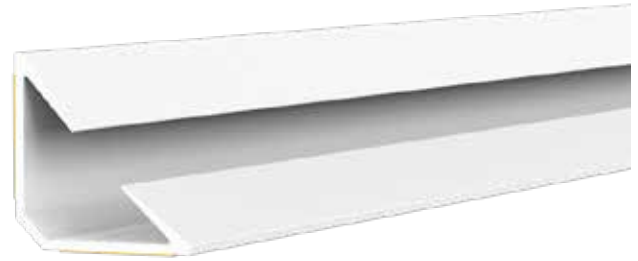
ITEM CODE	SIZE	
D8100A		
D8100B		

**ITEM CODE: DCS1X1XA SERIES
FIRE RESISTANT BATWING SEALS**



Features:

- Area of application: For wooden or metal doors.
- Material: Self-adhesive flexible elastomeric inserts in PVC base with backing tape batwing seals.
- Available lengths: 2200, 2500 and 3000 mm. Optional 2100 and 2400 mm.
- UL LISTED.
- Retrofit.
- Tested to STC51+.
- Standard finish: Black. Optional finishes, Dark brown, White and Grey.



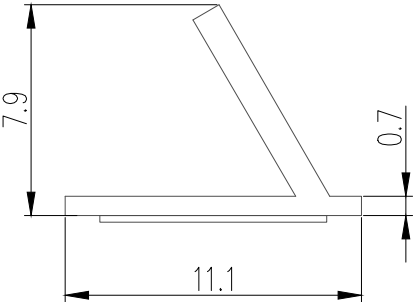

ITEM CODE	SIZE	
DCS1010A		
DCS1212A		
DCS1515A		

ITEM CODE: DCS118 SERIES
FIRE RESISTANT SILICONE SEALS



Features:

- Area of application: For wooden or metal doors.
- Material: Extruded self-extinguishing and non-toxic fire silicone seals.
- Self adhesive backing tape. Extremely low closing force.
- Available length 204 feet (62 meters). Optional 25 ,21 ,17 and 510 feet.
- UL LISTED.
- Tested to STC51+
- Category J Gasket.
- Standard finish: Black. Other finishes are available upon request.

DIMENSIONS	DCS118
	

**ITEM CODE: DE8100 & DE8100ST SERIES
DOOR AUTOMATIC CONCEALED SILICONE
SELF-EXTINGUISHING SEALS**



SIZE	MAXIMUM CUT BACK
430mm	270mm
530mm	405mm
630mm	505mm
730mm	605mm
830mm	705mm
930mm	805mm
1030mm	905mm
1130mm	1005mm
1230mm	1105mm
1330mm	1205mm

Features:

- Area of application: Metal, wood or PVC doors.
- For commercial and residential buildings.
- A highly efficiency mechanism that lifts the seal clear of the floor as soon as the door by a few millimeters.
- Used to seal the gap at the bottom of your door to prevent infiltration of sound (tested to STC30), lights, draught, insects, moisture and smoke.
- UL LISTED. Non handed.
- Available lengths and cut back: Check table.
- Aluminum profile/section. Seal material: Silicone. Supplied with fixing screws.
- Available finish: Silver anodized aluminium.

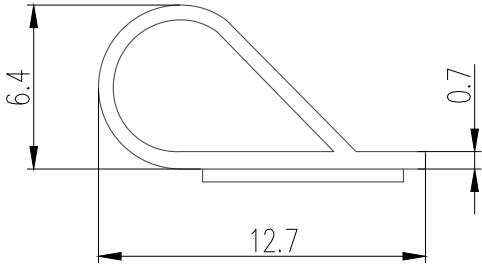

ITEM CODE	SIZE	
DE8100		
DE8100ST		

**ITEM CODE: DS88B SERIES
FIRE RESISTANT SILICONE SEALS**



Features:

- Area of application: For wooden or metal doors.
- Material: Extruded self-extinguishing and non-toxic fire silicone seals.
- Self adhesive backing tape.
- Seal begins compressing at 1/4". Compresses to seal up to a 1/16" gap.
- Available length 204 feet (62 meters). Optional 17, 21, 25 and 510 feet.
- UL LISTED.
- Tested to STC51+
- Category J Gasket.
- Standard finish: Black. Other finishes are available upon request.

DIMENSIONS	DS88B
	

**ITEM CODE: DSF8100 SERIES
DOOR AUTOMATIC SURFACE MOUNTED
BOTTOM SILICONE SELF-EXTINGUISHING SEALS**

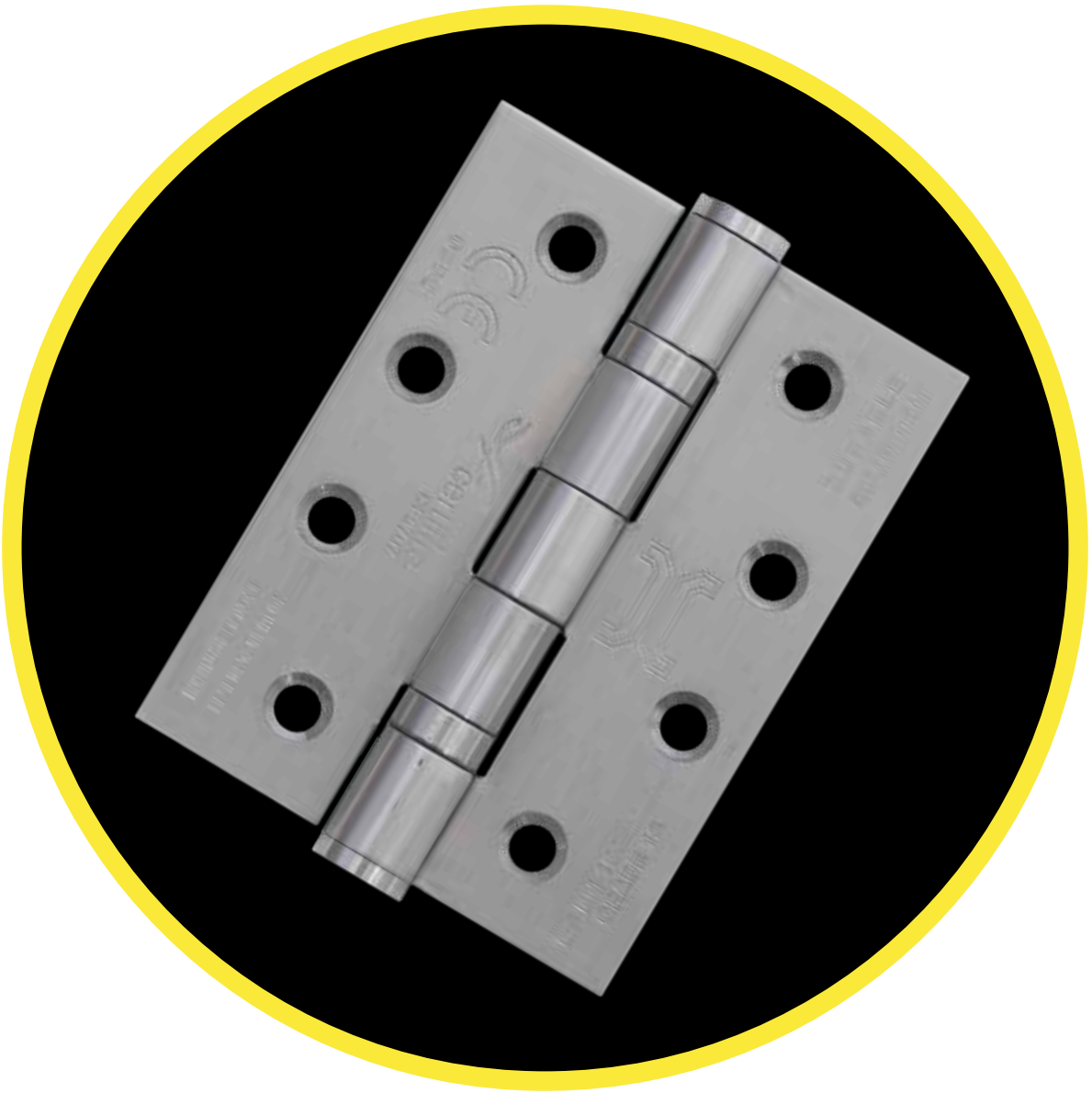


Features:

- Area of application: Metal, wood or PVC doors.
- For commercial and residential buildings.
- A highly efficiency mechanism that lifts the seal clear of the floor as soon as the door by a few millimeters.
- No lateral travel during actuation enhances gasket position.
- Actuator requires no protective press plate for the frames.
- Used to seal the gap at the bottom of your door to prevent infiltration of sound (tested to STC50),lights, draught, insects, moisture and smoke.
- UL LISTED. Non handed. Tool free single sliding actuator can be deactivated before building occupancy.
- Retracts parallel when the door opens/closes to minimize friction with the floor. Self-levelling for uneven floors.
- Available lengths and cut back: Check table.
- Aluminum profile/section. Seal material: Silicone. Supplied with fixing screws.
Available finish: Silver anodized aluminium.

SIZE	MAXIMUM CUT BACK
435mm	320mm
535mm	360mm
635mm	480mm
710mm	585mm
805mm	635mm
930mm	760mm
1055mm	885mm
1210mm	1010mm
1335mm	1135mm
1435mm	1260mm
1550mm	1385mm
1650mm	1510mm
1750mm	1650mm
1800mm	1635mm
1850mm	1760mm
1900mm	1760mm
2000mm	1885mm

ITEM CODE	SIZE
DSF8100	



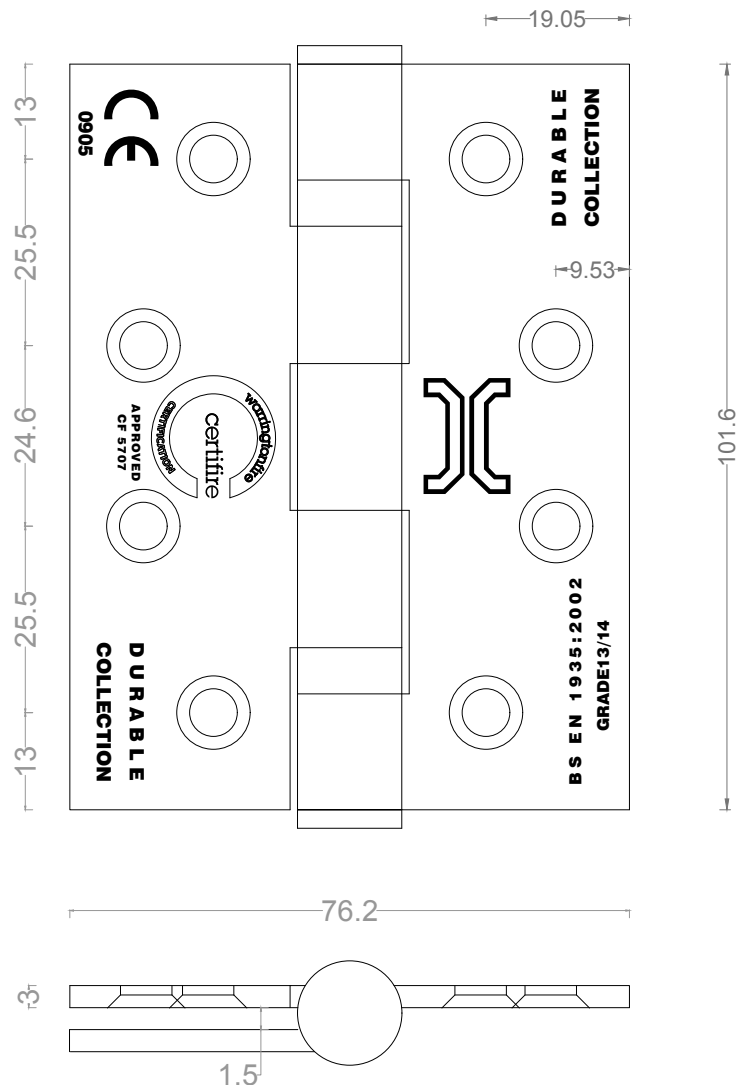
BUTT HINGES CE/EN

**ITEM CODE: HG433SSXXX & HG433SSXXX-14
SEVERE DUTY STAINLESS STEEL 2 BALL BEARING
BUTT HINGES**



Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CE marked, certificate # 0905-CPR-000575-01.
- CERTIFIRE, Assessment report CF5707.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13
 - o Grade 14: 4-7-7-1-1-4-0-14



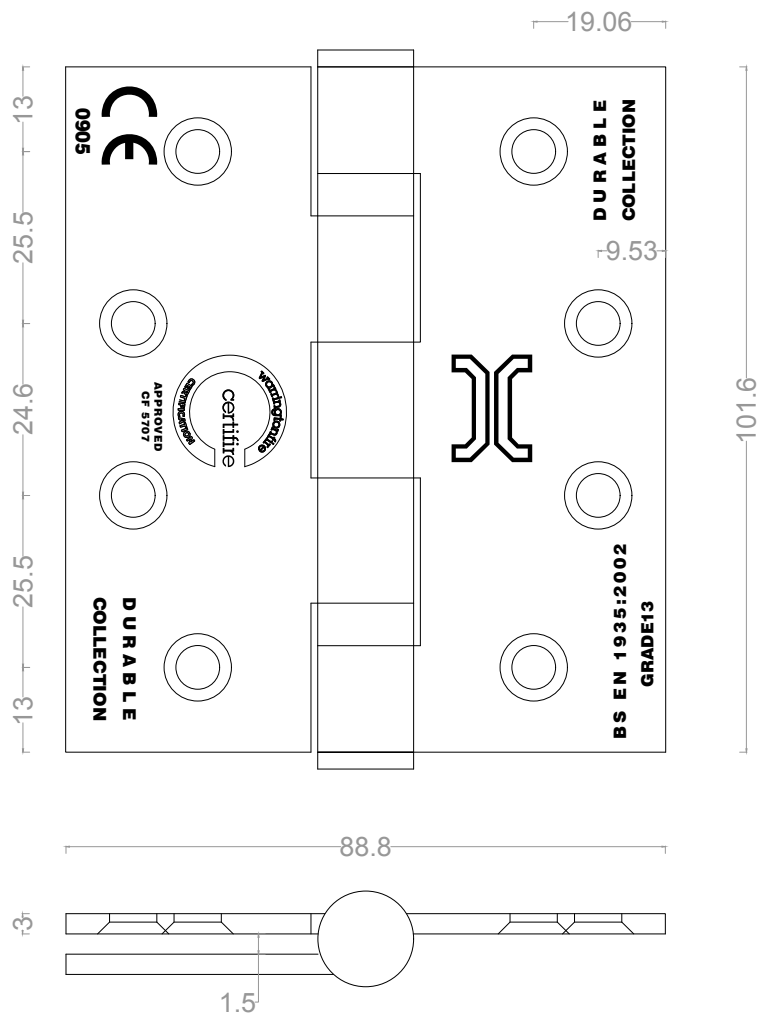
ITEM CODE: HG43.53SSXXX
SEVERE DUTY STAINLESS STEEL 2 BALL BEARING BUTT HINGES



Features:

Area of application: For wooden or metal doors.

- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CE marked, certificate # 0905-CPR-000575-01.
- CERTIFIRE, Assessment report CF5707.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13

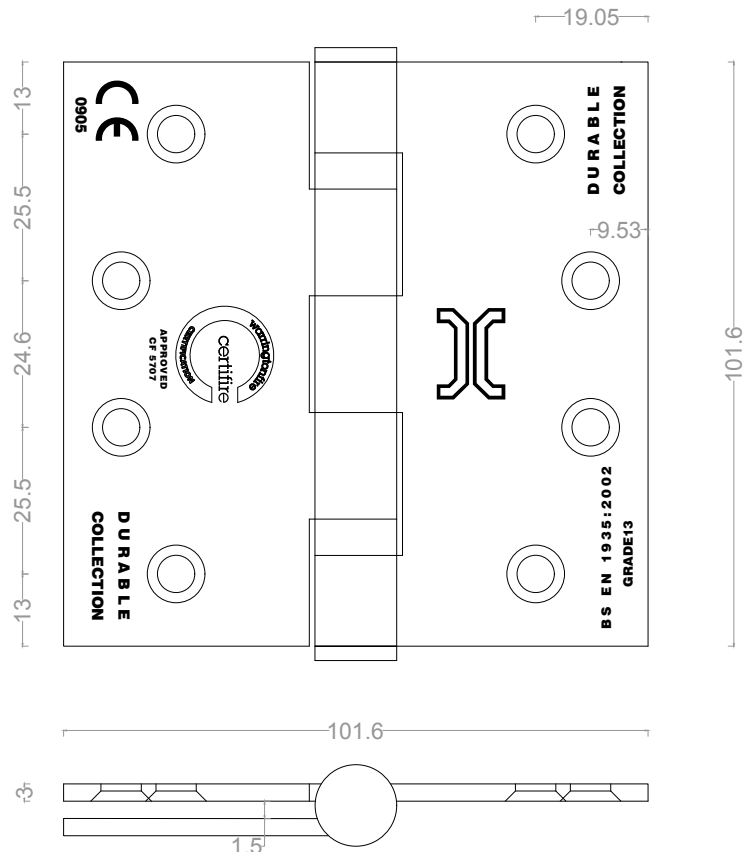


ITEM CODE: HG443SSXXX
**SEVERE DUTY STAINLESS STEEL 2 BALL BEARING
 BUTT HINGES**



Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CE marked, certificate # 0905-CPR-000575-01.
- CERTIFIRE, Assessment report CF5707.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13

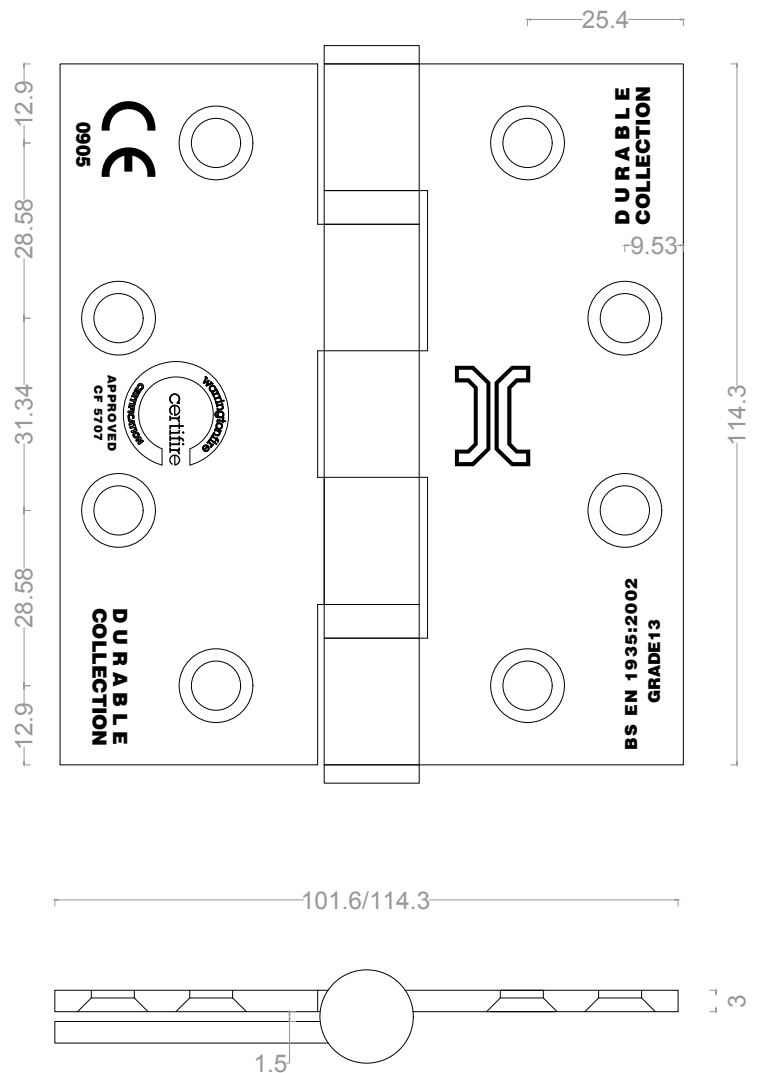


**ITEM CODE: HG4.543SSXXX & HG4.54.53SSXXX
SEVERE DUTY STAINLESS STEEL 2 BALL BEARING
BUTT HINGES**



Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CE marked, certificate # 0905-CPR-000575-01.
- CERTIFIRE, Assessment report CF5707.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13

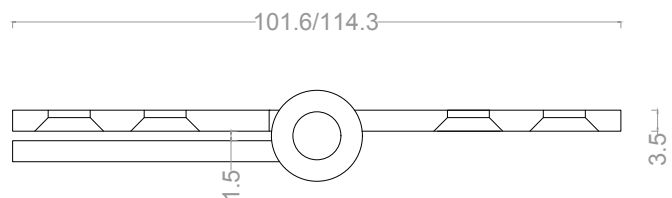
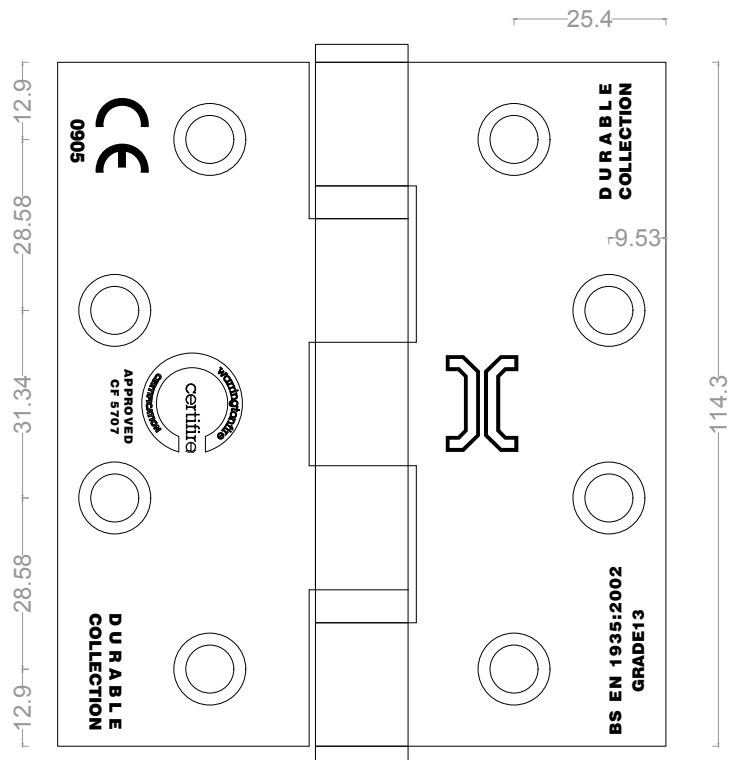


**ITEM CODE: HG4.543.5SSXXX & HG4.54.53.5SSXXX
SEVERE DUTY STAINLESS STEEL 2 BALL BEARING BUTT
HINGES**



Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CE marked, certificate # 0905-CPR-000575-01.
- CERTIFIRE, Assessment report CF5707.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13

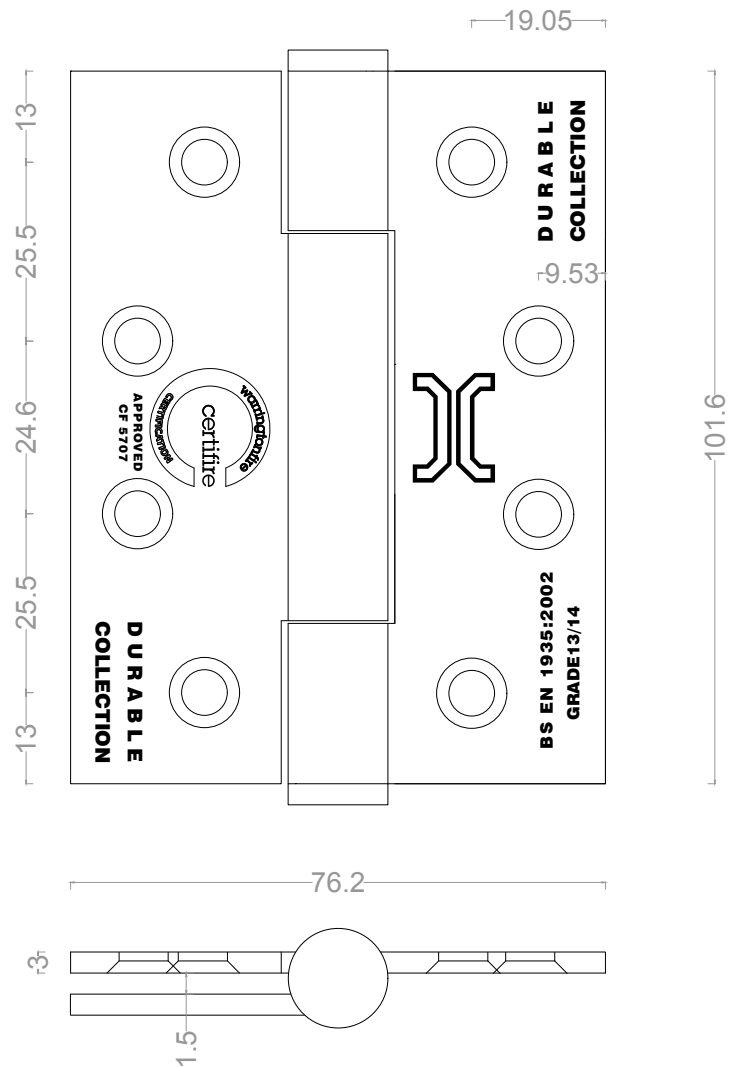


**ITEM CODE: HG433SSXXCB & HG433SSXXCB-14
SEVERE DUTY STAINLESS STEEL THREE KNUCKLE
CONCEALED BALL BEARING BUTT HINGES**



Features:

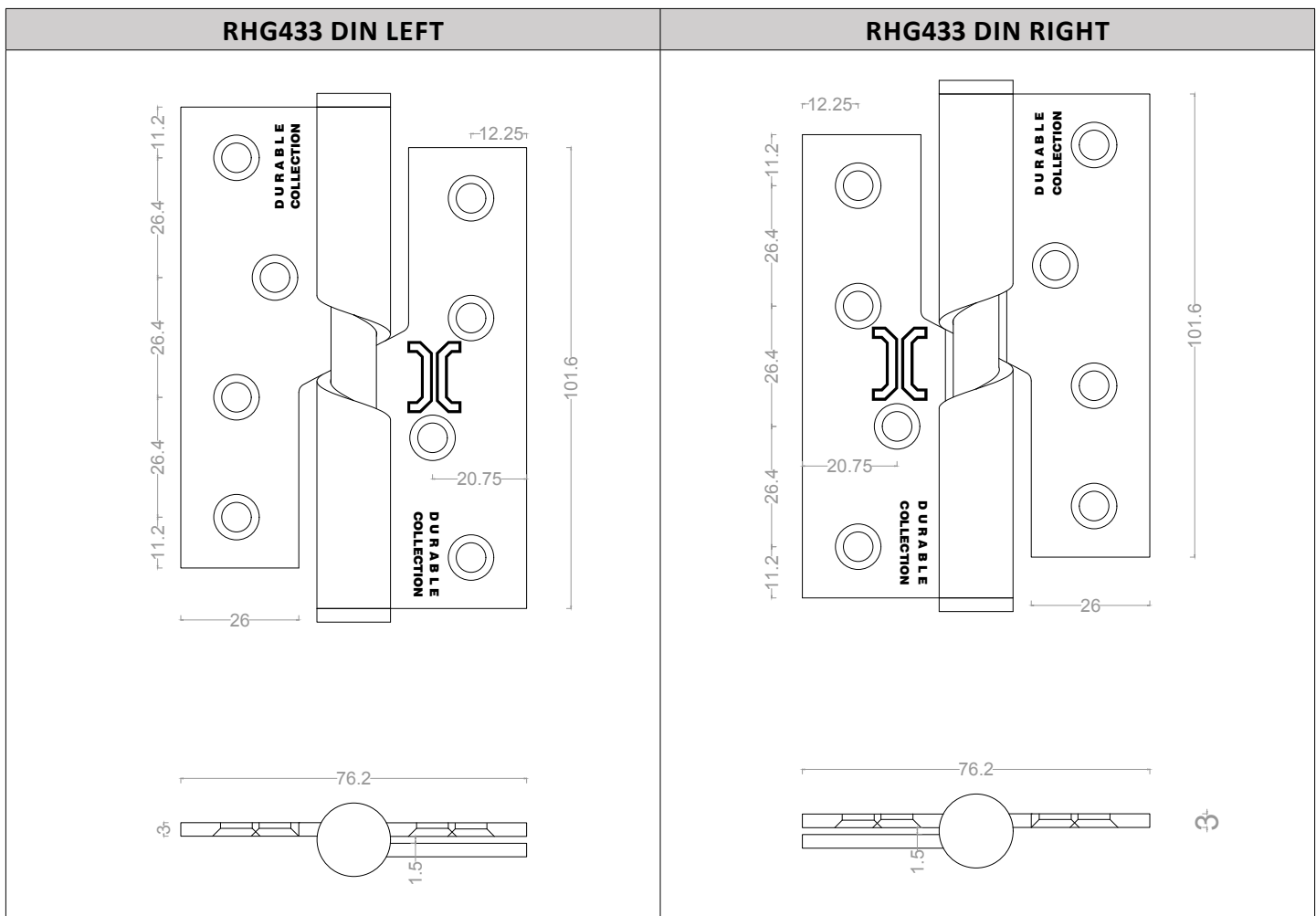
- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Maintenance free.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CERTIFIRE, Assessment report CF5707.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13
 - o Grade 14: 4-7-7-1-1-4-0-14



ITEM CODE: RHG433 SERIES RISING BUTT HINGES

Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm. Fixed pin.
- Maximum adjusted door weight: 50 kgs.
- Square corners, 2 versions: DIN RIGHT or DIN LEFT.
- Hinges cause the doors to shut.
- Special door head/frame may be required to allow the leaf to rise.
- To ensure correct working, 2 rising hinges must be fitted with screws supplied.
- Supplied with: 1 pair of rising hinge, 16 pcs of flat head and countersunk wood screws (#10x31.75 mm).
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.

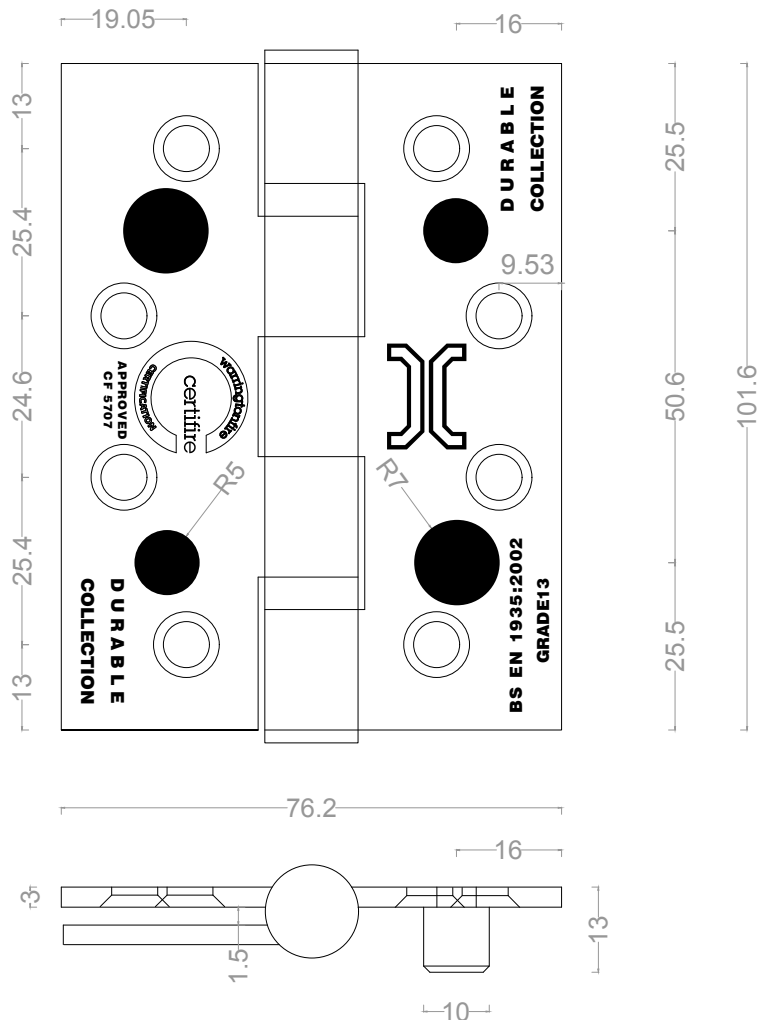


ITEM CODE: HG433SSXXXS
**SECURITY SEVERE DUTY STAINLESS STEEL 2 BALL BEARING
 BUTT HINGES**



Features:

- Area of application: For wooden or metal doors.
- Material: stainless steel EN 1.4301 (type SUS304), optional EN 1.4371 (type SUS201) or stainless steel EN 1.4401 (type SUS316).
- Clear/free gap: 1.5 mm.
- Maximum adjusted door weight: 120 kgs.
- Square corners, optional radius R10.
- Supplied with:
 - o For steel doors, 1 pair of hinge, 16 pcs flat head and countersunk steel screws (M5x12)
 - o For wood doors, 1 pair of hinge, 16 pcs flat head and countersunk wood screws (#10x31.75 mm)
- Tested and certified to BS EN 1634-1: 2014 and BS EN 1935:2002/AC:2003.
- CERTIFIRE, Assessment report CF5707.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Hinge classification:
 - o Grade 13: 4-7-6-1-1-4-0-13





**ITEM CODE: S-XX72 RANGE
MORTISE SASHLOCK**



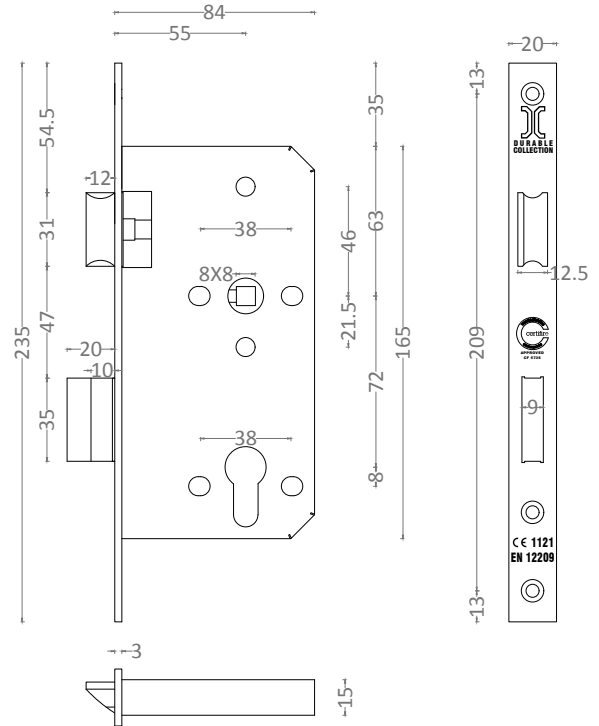
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for S-5572.
- Deadbolt: double throw 2 x 10 mm.
- Forend: Standard width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, anti-rattle function.
- Centre to centre: 72 mm.
- Standard backset: 55 mm, optional 40, 45, 50, 60, 65, 70, 80 mm. 90 and 100mm are also available (not CE MARKED).
- Function: Latchbolt operated by key, lever handle or turn knob from either side. Deadbolt operated by key from either side using a double cylinder or by key outside and thumb turn inside.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise sashlock, 1 pc flanged striking plate, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Lock classification: 3-X-8-1-0-G-3-B-C-2-0

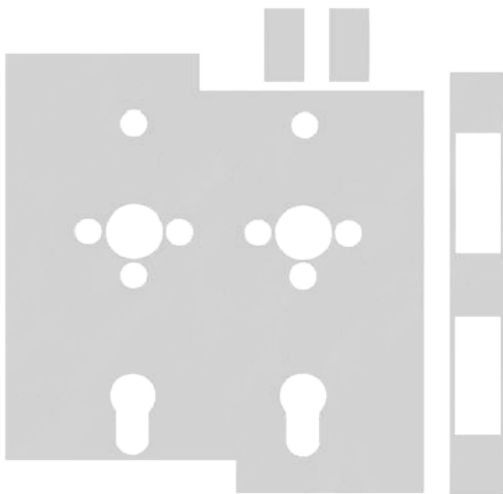
Mortise sashlock S-5572



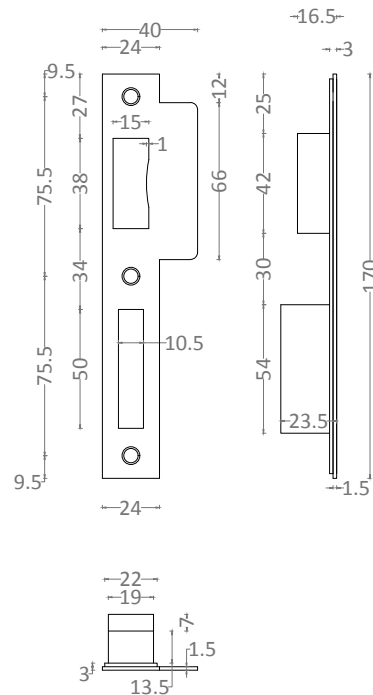
Mortise sashlock S-5572 dimensions



Intumescent seal suits lock dimensions and shapes-optimal



Striking plate and pocket dimensions for mortise sashlock S-5572



**ITEM CODE: S-XX85 RANGE
MORTISE SASHLOCK**



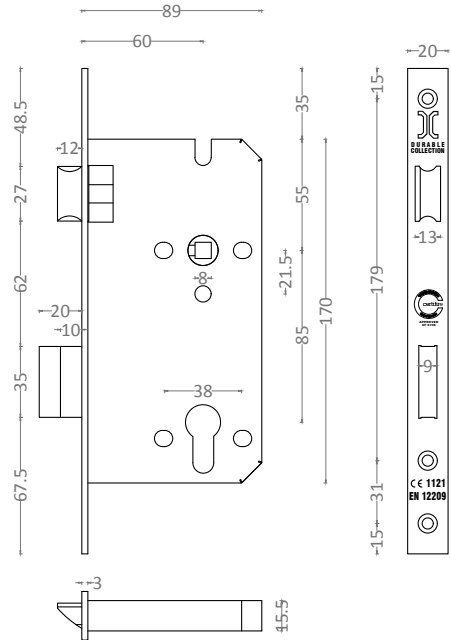
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centers for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 89 x height 170 mm x 15 mm for S-6085.
- Deadbolt: double throw 2 x 10 mm.
- Forend: Standard width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, anti-rattle function.
- Center to center: 85 mm.
- Standard backset: 60 mm, optional 40, 45 and 55 mm.
- Function: Latchbolt operated by key, lever handle or turn knob from either side. Deadbolt operated by key from either side using a double cylinder or by key outside and thumb turn inside.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise sashlock, 1 pc flanged striking plate, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-3--B-C-2-0

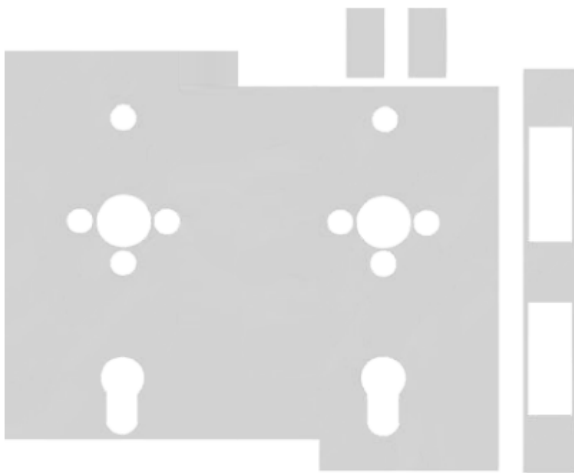
Mortise sashlock S-6085



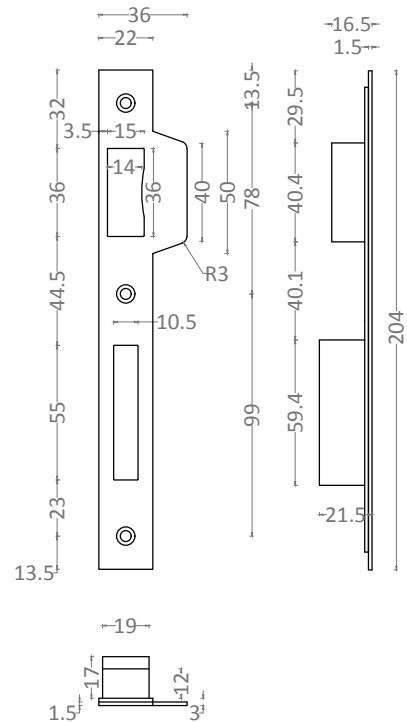
Mortise sashlock S-6085 dimensions



Intumescent seal suits lock dimensions and shapes- optional



Striking plate and pocket dimensions for mortise sashlock S-6085


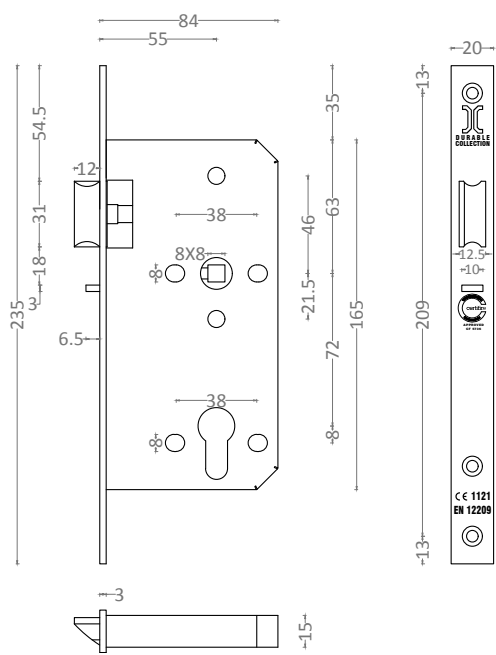
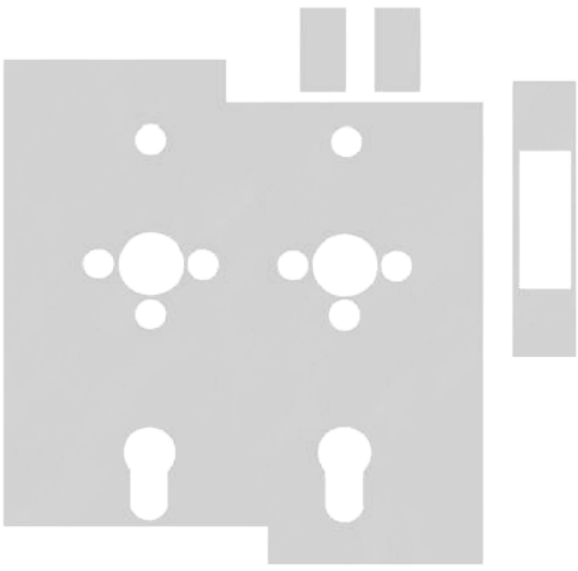
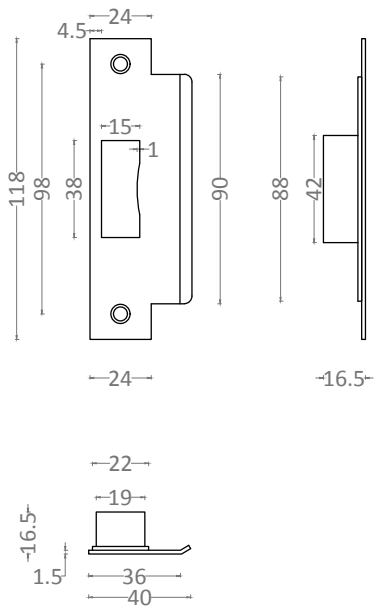


**ITEM CODE: N-XX72 RANGE
MORTISE NIGHTLATCH**



Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and latchbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for N-5572.
- Forend: Standard width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, anti-rattle function.
- Centre to centre: 72 mm.
- Standard backset: 55 mm, optional 45, 50, and 60 mm.
- Function: latchbolt operated by lever handle or turn knob from either side. Double cylinder or key with turn withdraws latchbolt from either side. When door is shut the latchbolt is locked against end pressure due to anti-thrust latch below latchbolt.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise nightlatch, 1 pc flanged striking plate with curved lipping, 1 pc pocket, 4 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 2 pcs x dia. 3.5 x 16 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 2 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736.
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169.
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-1-B-B-2-0

Mortise nightlatch N-5572	Mortise nightlatch N-5572 dimensions
	 <p>Technical drawing showing dimensions for the Mortise nightlatch N-5572. Dimensions include: 84, 55, 235, 12, 6.5, 18, 31, 54.5, 38, 8X8, 21.5, 46, 63, 35, 8, 72, 165, 13, 20, 12.5, 10, 15, 13, 15.</p>
Intumescent seal suits lock dimensions and shapes- optional	Striking plate and pocket dimensions for mortise nightlatch N-5572
	 <p>Technical drawing showing dimensions for the striking plate and pocket for the mortise nightlatch N-5572. Dimensions include: 118, 98, 38, 24, 4.5, 15, 1, 90, 88, 42, 16.5, 24, 22, 19, 16.5, 36, 40.</p>

ITEM CODE: L-XX72
MORTISE LATCHLOCK



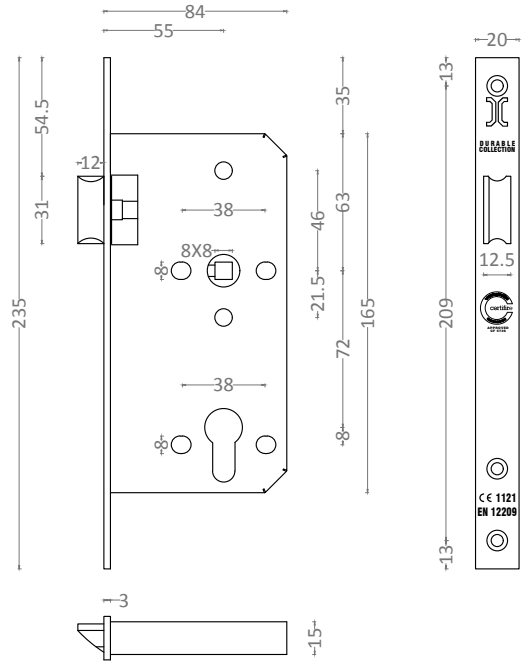
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and latchbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 8 mm square spindle and 38mm bolt through centres for fixing lever handles or thumb turn roses. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for L-5572.
- Forend: Standard width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape.
- Centre to centre: 72 mm.
- Lever follower: 8 mm square, anti-rattle function.
- Standard backset: 55 mm, optional 40, 45, 50, 60, 65, 70 and 80 mm.
- Function: latchbolt operated by using lever handle (L-XX72).
- Additional optional function: Latchbolt operated by single or double cylinder from either side (L-XX72N).
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise latchlock, 1 pc flanged striking plate with curved lipping, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs x dia. 4.8 x 25 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736.
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169.
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-0-B-0-2-0

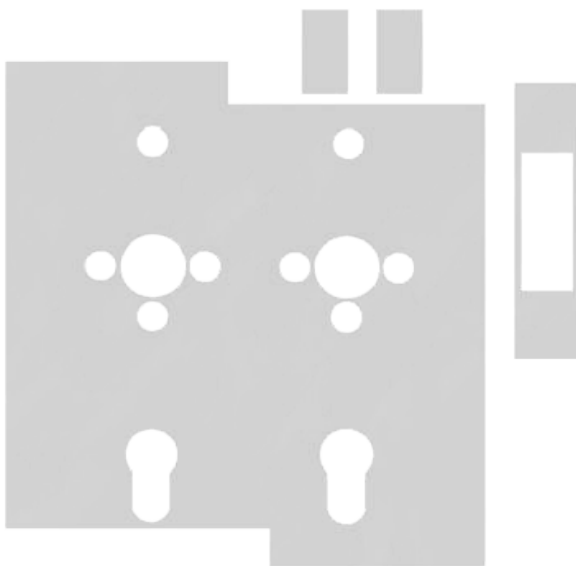
Mortise latchlock L-5572



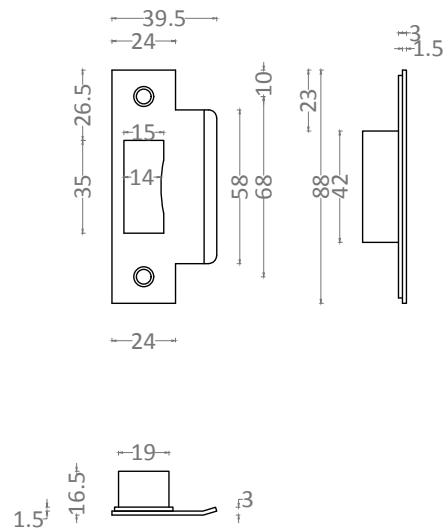
Mortise latchlock L-5572 dimensions



Intumescent seal suits lock dimensions and shapes- optional



Striking plate and pocket dimensions for mortise latchlock L-5572



**ITEM CODE: D-XX72
MORTISE DEADLOCK**



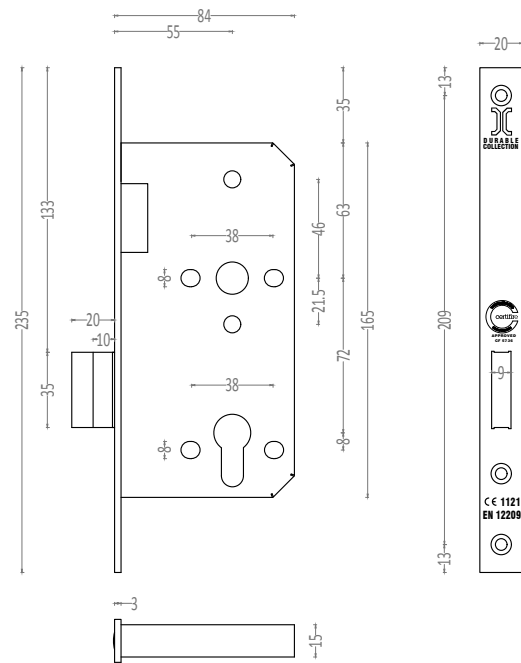
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38mm bolt through centers for fixing cylinder roses, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for D-5572.
- Deadbolt: double throw 2 x 10 mm
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Center to center: 72 mm
- Standard backset: 55 mm, optional 40, 45, 50, 60, 65, 70 and 80 mm
- Function: deadbolt operated by key from either side using a double cylinder or by single cylinder and turn.
- Supplied with: 1 pc mortise deadlock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs x dia. 4.8 x 25 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736.
- Certificate of Constancy of Performance # 1121-CPR-AG5168 & # 2812-CPR-AG5168.
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-3-B-C-0-0

Mortise Deadlock D-5572



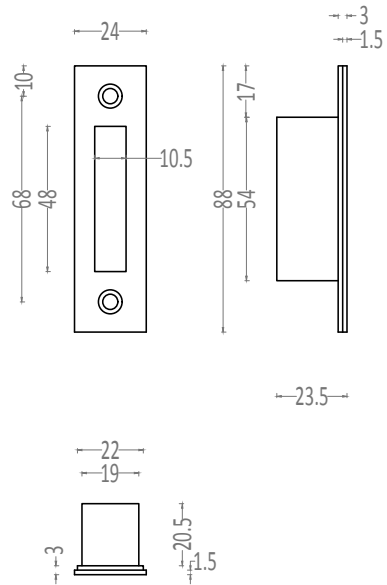
Mortise Deadlock D-5572 dimensions



Intumescent seal suits lock dimensions and shapes- optional



Striking plate and pocket dimensions for mortise deadlock D-5572



ITEM CODE: B-XX78 RANGE
MORTISE BATHROOM LOCK



Features:

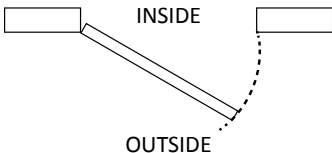
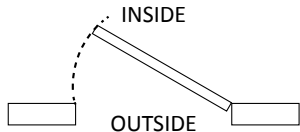
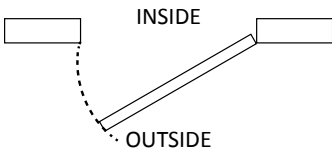
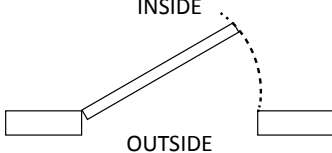
- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 8 mm square spindle for lever and turn & indicator and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for B-5578.
- Deadbolt: Single throw 1 x 20 mm, built in 90° stop position for turn to eliminate overthrow of bathroom turns.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape.
- Lever follower: 8 mm square, anti-rattle function.
- Centre to centre: 78 mm.
- Standard backset: 55 mm, optional 50, 60 and 65 mm
- Function: latchbolt operated by lever handle from either side. Deadbolt operated by turn from either side.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise bathroom lock, 1 pc flanged striking plate, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005.
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736.
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169.
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-0-B-G-2-0

ITEM CODE: L-XX72 CR RANGE
MORTISE CLASSROOM LOCK



Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and anti-thrust bolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for L-5572 CR.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape.
- Lever follower: 8 mm square split follower.
- Centre to centre: 72 mm.
- Standard backset: 55 and 80 mm.
- Function: latchbolt operated by lever handle or turn knob from either side except when the outside turn knob/lever is locked by outside key or thumbturn. Inside turn knob/lever is always free to egress. When door is shut the latchbolt is locked against end pressure due to anti-thrust latch below latchbolt. Optional without anti-thrust latch.
- Handing: Reversible a site (but the outside key will lock one side only of outside turn knob/lever). Check chart below:

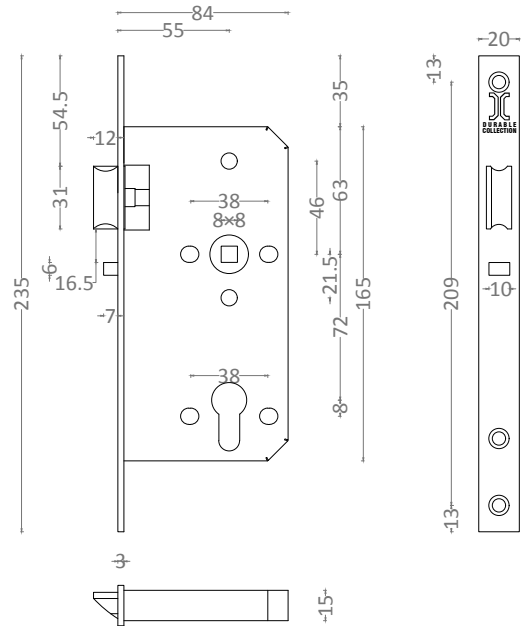
DIN LEFT HAND DOOR/OUTSWING/REQUIRES DIN LEFT HAND CLASSROOM	DIN LEFT HAND DOOR/INSWING/REQUIRES DIN RIGHT HAND CLASSROOM/TO REVERSE LATCHBOLT
	
DIN RIGHT HAND DOOR/OUTSWING/REQUIRES DIN RIGHT HAND CLASSROOM	DIN RIGHT HAND DOOR/INSWING/REQUIRES DIN LEFT HAND CLASSROOM/TO REVERSE LATCHBOLT
	

- Supplied with: 1 pc mortise classroom lock, 1 pc flanged striking plate with curved lipping, 1 pc pocket, 1 split spindle (8 mm square), 4 pcs countersunk flat head wood screws (2 pcs x dia. 4.7 x 25 mm + 2 pcs x dia. 3.5 x 16 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

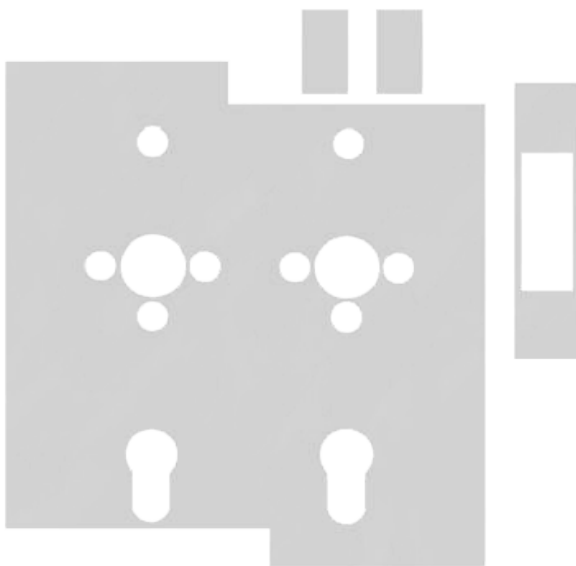
Mortise classroom lock L-5572 CR (photo below is showing left hand lock according to BS EN 12519:2004)



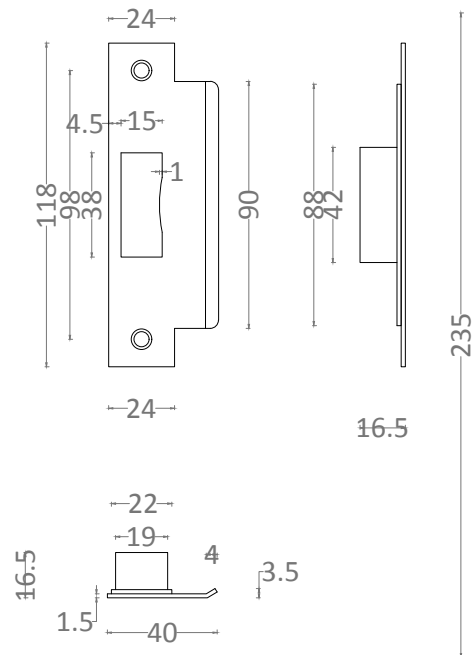
Mortise classroom lock L-5572 CR dimensions (drawing below is showing left hand lock according to BS EN 12519:2004)



Intumescent seal suits lock dimensions and shapes- optional



Striking plate and pocket dimensions for mortise classroom lock L-5572 CR


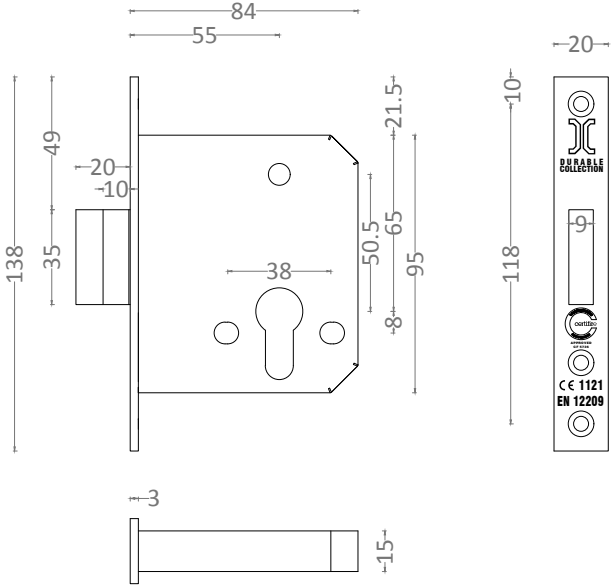

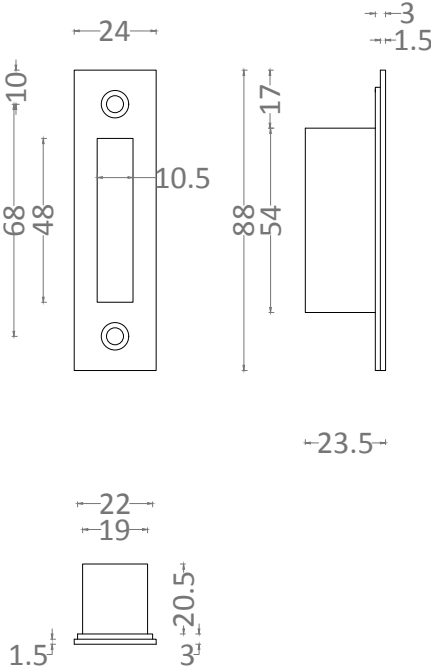


ITEM CODE: D-55XX
MORTISE DEADLOCK



Features:

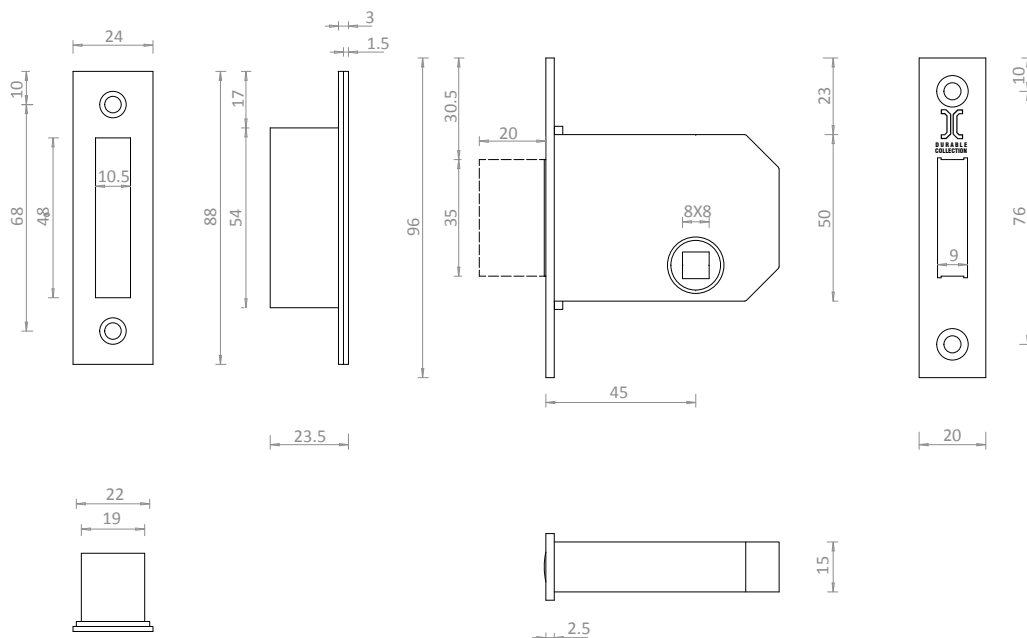
- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38mm bolt through centres for fixing cylinder roses, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 95 mm x 15 mm.
- Deadbolt: double throw 2 x 10 mm
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Standard backset: 55 mm.
- Function: deadbolt operated by key from either side using a double cylinder or by single cylinder and turn.
- Supplied with: 1 pc mortise deadlock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs x dia. 4.8 x 25 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736
- Certificate of Constancy of Performance # 1121-CPR-AG5168 & # 2812-CPR-AG5168
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-3-B-C-0-0

Mortise deadlock D-55XX	Mortise deadlock D-55XX dimensions
	 <p>Technical drawing showing dimensions for the Mortise deadlock D-55XX:</p> <ul style="list-style-type: none"> Top view dimensions: 84 (total width), 55 (width of the top edge), 138 (total height), 49 (height of the top section), 35 (width of the top section), 20 (width of the top section), 10 (width of the top section), 38 (width of the keyhole), 50.5 (width of the keyhole), 65 (width of the keyhole), 21.5 (width of the keyhole), 95 (width of the keyhole), 8 (width of the keyhole). Side view dimensions: 118 (total height), 10 (height of the top section), 3 (height of the top section), 15 (height of the top section). Bottom view dimensions: 3 (width of the bottom edge), 15 (width of the bottom edge). Inset drawing: 20 (width), 118 (height), 3 (width), 1.5 (width), 23.5 (width), 22 (width), 19 (width), 1.5 (width), 3 (width), 20.5 (width).
Intumescent seal suits lock dimensions and shapes- optional	Striking plate and pocket dimensions for mortise deadlock D-55XX
	 <p>Technical drawing showing dimensions for the Striking plate and pocket dimensions for mortise deadlock D-55XX:</p> <ul style="list-style-type: none"> Top view dimensions: 24 (width), 68 (height), 48 (height), 10.5 (width), 88 (height), 54 (height), 17 (height), 23.5 (width). Side view dimensions: 3 (width), 1.5 (width), 23.5 (width). Bottom view dimensions: 22 (width), 19 (width), 1.5 (width), 3 (width), 20.5 (width).

**ITEM CODE: D-XXXX
MORTISE DEADLOCK**

Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 8 mm square spindle for lever and turn & indicator and 38 mm bolt through, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 64 x height 95 mm x 15 mm for D-45XX.
- Deadbolt: Single throw 20 mm.
- Forend: Standard width 20 mm, thickness 3 mm, optional 22, 23 and 24 mm. Standard square edges, optional round.
- Standard backset: 45 mm. Optional 35, 55 mm.
- Function: deadbolt operated by turn.
- Supplied with: 1 pc mortise deadlock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs x dia. 4.8 x 25 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.


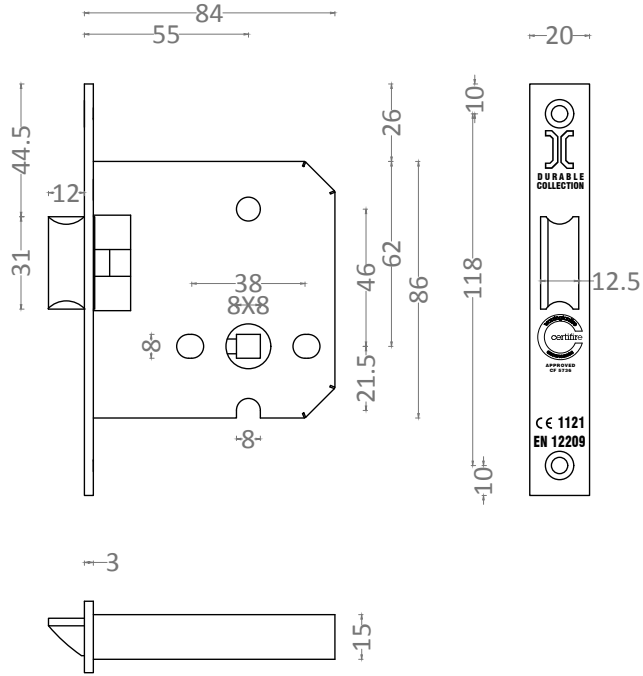
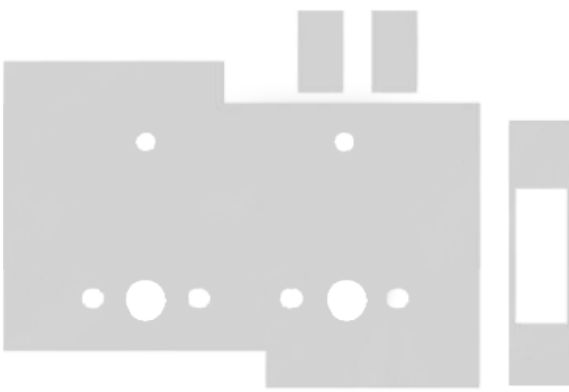
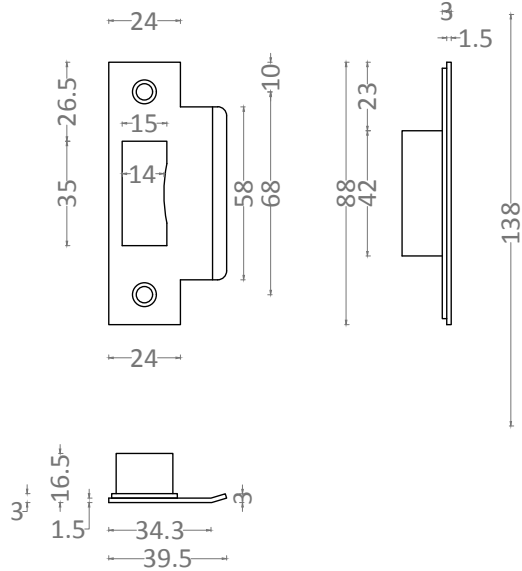


ITEM CODE: L-55XX
MORTISE LATCHLOCK



Features:


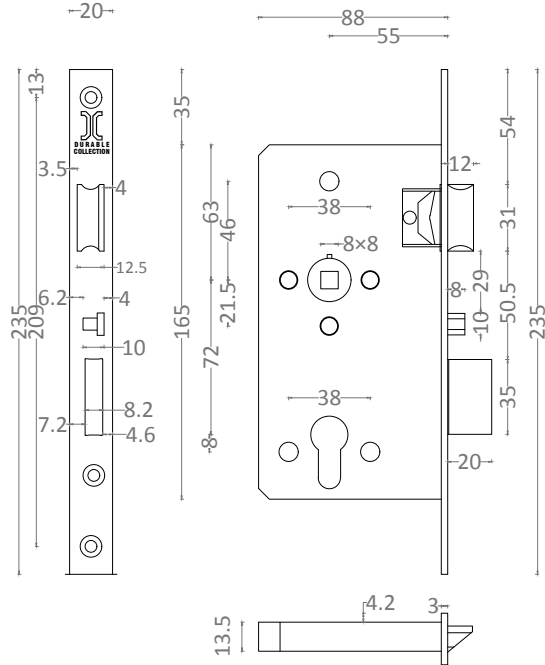
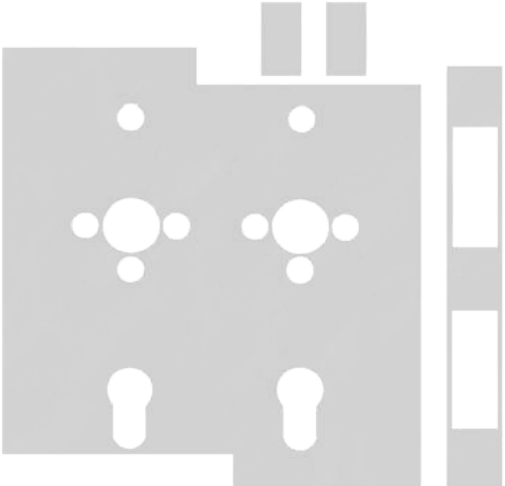
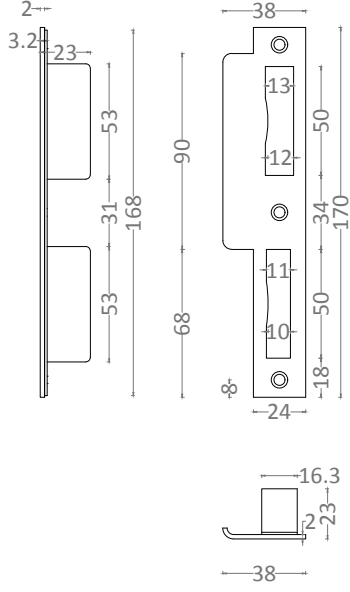
- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and latchbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 8 mm square spindle and 38mm bolt through centres for fixing lever handles or thumb turn roses. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 86 mm x 15 mm.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape.
- Lever follower: 8 mm square, anti-rattle function.
- Standard backset: 55 mm.
- Function: Latchbolt operated by using lever handle or turn knob or cylinder from either side.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise latchlock, 1 pc flanged striking plate with curved lipping, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs x dia. 4.8 x 25 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 2 pcs x M4 x 12).
- Tested successfully and confirming to BS EN 1634-1 and BS EN 12209:2003/AC 2005
- CE marked by Exova Warrington.
- CERTIFIRE: Approved product, Certificate No. CF 5736
- Certificate of Constancy of Performance # 1121-CPR-AG5169 & # 2812-CPR-AG5169
- DoP (Declaration of Performance) is available on website or on request.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.
- Optional: Intumescent fire protection kit for wood doors.
- Lock classification: 3-X-8-1-0-G-0-B-0-2-0

Mortise latchlock L-55XX	Mortise latchlock L-55XX dimensions
	 <p>Technical drawing showing dimensions for the Mortise latchlock L-55XX. Dimensions include: 84, 55, 31, 44.5, 12, 38, 8x8, 21.5, 46, 62, 86, 26, 10, 20, 118, 12.5, 10, 15, and 3.</p>
Intumescent seal suits lock dimensions and shapes- optional	Striking plate and pocket dimensions for mortise latchlock L-55XX
	 <p>Technical drawing showing dimensions for the striking plate and pocket for the mortise latchlock L-55XX. Dimensions include: 24, 35, 26.5, 15, 14, 58, 68, 10, 88, 42, 23, 138, 3, 1.5, 16.5, 3, 1.5, 34.3, 39.5, and 24.</p>

ITEM CODE: S-XX72 PANIC RANGE MORTISE PANIC LOCK

Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt, anti-thrust and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 88 x height 165 mm x 15.5 mm for S-5572 PANIC.
- Deadbolt: single throw 1 x 20 mm.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, anti-rattle function.
- centre to centre: 72 mm.
- Standard backset: 55 mm, optional 60 mm.
- Function: latchbolt operated by key or turn knob/lever from inside. A blind plate or knob is mounted on the outside and the door can be opened from outside by key. Conventional panic function from inside. Deadbolt and latch bolt will be retracted by using turn knob/ lever, touch bar or key from inside. Automatic deadlocking (every time the door is shut it is deadlocked).
- Handing: non-reversible at site, (DIN right or DIN left should be specified while ordering).
- Supplied with: 1 pc mortise panic lock, 1 pc flanged striking plate with curved lipping, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

<p>Mortise panic lock S-5572 panic (photo below is showing left hand panic lock according to BS EN 12519:2004)</p>	<p>Mortise panic lock S-5572 panic dimension (drawing below is showing right hand panic lock according to BS EN 12519:2004)</p>
	
<p>Intumescent seal suits lock dimensions and shapes- optional</p>	<p>Striking plate and pocket dimensions for mortise panic lock S-5572 panic</p>
	

**ITEM CODE: P-XX72
MORTISE PANIC LOCK**

Features:

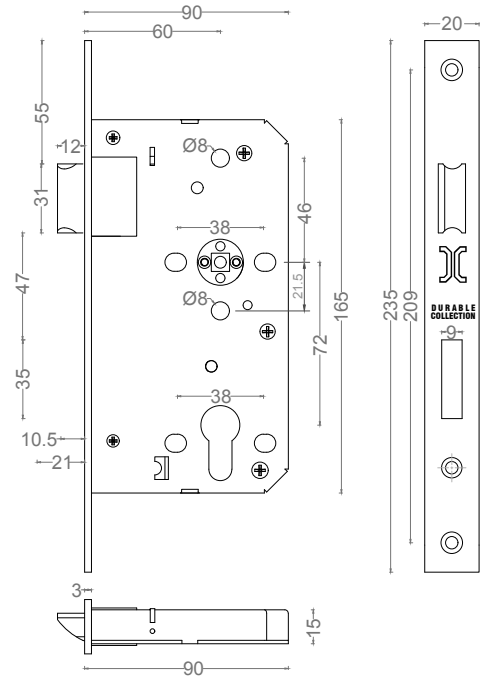
EN1634-1

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 90 x height 165 mm x 15 mm for P-6072.
- Deadbolt: single throw 1 x 20.5 mm.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, split.
- Centre to centre: 72 mm.
- Standard backset: 60 mm, optional 65 mm.
- Function: latchbolt operated by key or turn knob/lever from inside & outside. Operable knob/lever handle from outside will retract the latchbolt, if locked from inside by key or turn, the outside lever handle cannot retract the deadbolt. Conventional panic function from inside. Deadbolt and latch bolt will be retracted by using turn knob/ lever, touch bar or key from inside.
- Handing: Reversible at site.
- Supplied with: 1 pc mortise panic lock, 1 pc striking plate with straight lipping, 1 pc pocket, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Fire rated to EN1634-1
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

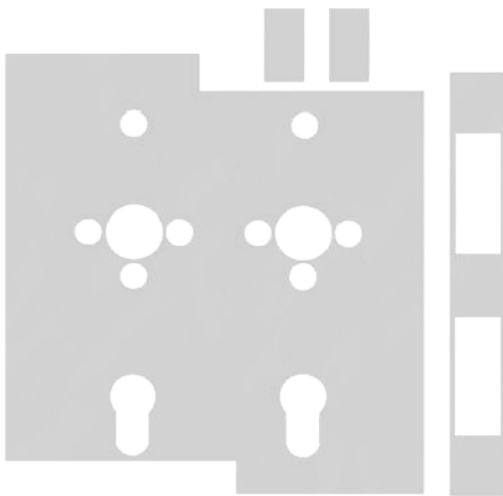
Mortise panic lock P-XX72



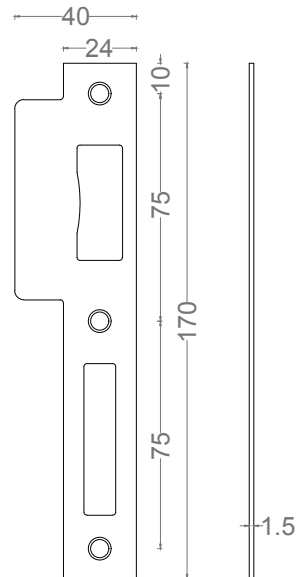
Mortise panic lock P-XX72



Intumescent seal suits lock dimensions and shapes- optional



Striking plate and pocket dimensions for mortise panic lock P-XX72



ITEM CODE: S-XX85AS RANGE

MORTISE SECURITY SASHLOCK WITH 3 ANTI-SAW DEADBOLTS PROTECTION

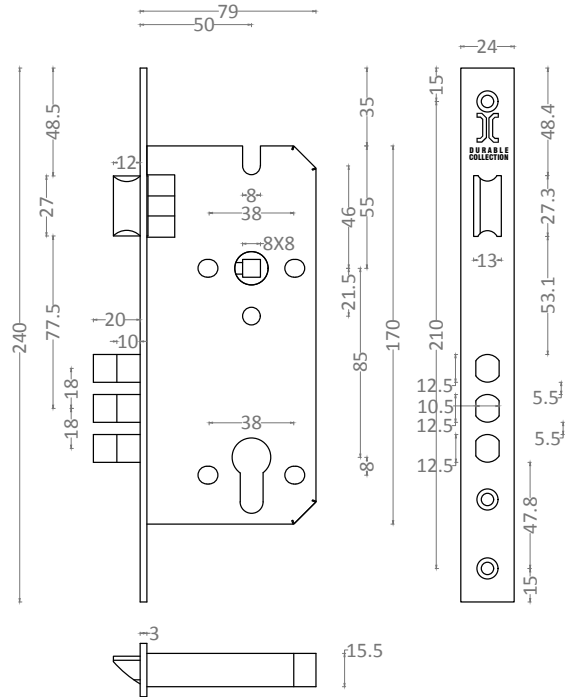
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolts in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 79 x height 17 mm x 15.5 mm for S-5085AS.
- Deadbolts: double throw 2 x 10 mm with anti-saw deadbolts protection.
- Forend: width 24 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape, withdrawn by key.
- Lever follower: 8 mm square, anti-rattle function.
- Centre to centre: 85 mm.
- Standard backset: 50 mm, optional 45 or 60 mm.
- Function: latchbolt operated by key, lever handle or turn knob from either side. Deadbolts operated by key from either side using a double cylinder or single cylinder with turn.
- Handing: reversible (right or left).
- Supplied with: 1 pc mortise security lock, 1 pc flanged striking plate, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

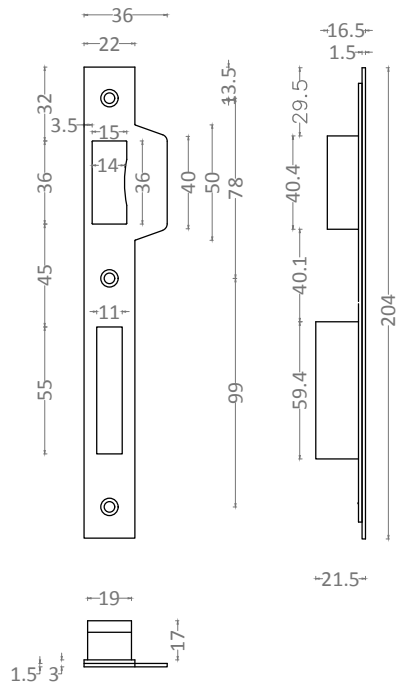
Mortise security sashlock S-5085AS



Mortise security sashlock S-5085AS dimensions



Striking plate and pocket dimensions for mortise security sashlock S-5085AS



ITEM CODE: S-8072 XRAY MORTISE XRAY LOCK

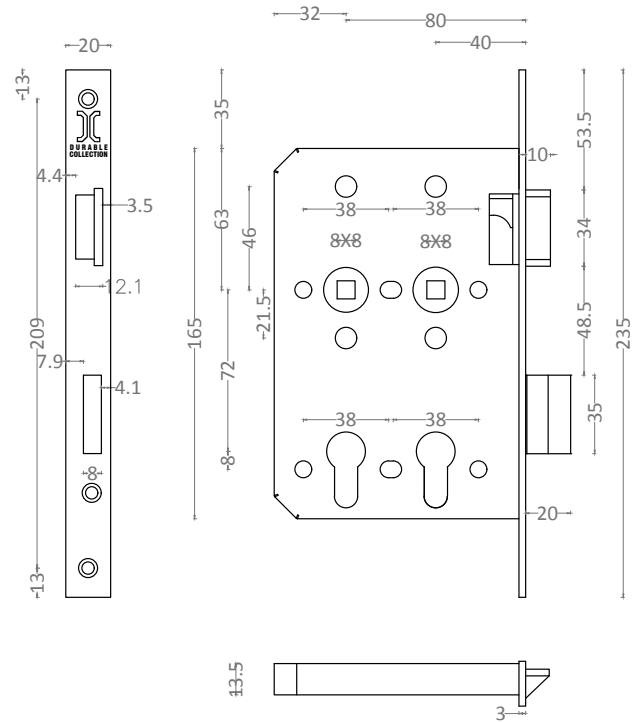
Features:

- Area of application: for single rebated flush wooden or metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 2 x Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 109 x height 165 mm x 13.5 mm for S-8072 XRAY.
- Deadbolt: double throw 2 x 10 mm.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Latchbolt: convex shape.
- Lever follower: 8 mm square.
- Centre to centre: 72 mm.
- Backset: (40-80) mm.
- Function: latchbolt operated by $\frac{1}{2}$ lever handle or $\frac{1}{2}$ turntable knob from either side. Deadbolt operated by key from either side using Europrofile single cylinder (it is recommended that only single cylinders to be used for X-ray rooms). Also full set of lever handle or turntable knob is not recommended, only drillings that do not penetrate the door leaf and are not positioned on one axis are required on each side of the door.
- Handing: non-reversible, (DIN right or DIN left should be specified while ordering).
- Supplied with: 1 pc mortise X-ray lock, 1 pc flanged striking plate with curved lipping, 2 pc pocket, 1 split spindle (8 mm square), 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.7 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 + 3 pcs x M4 x 12).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

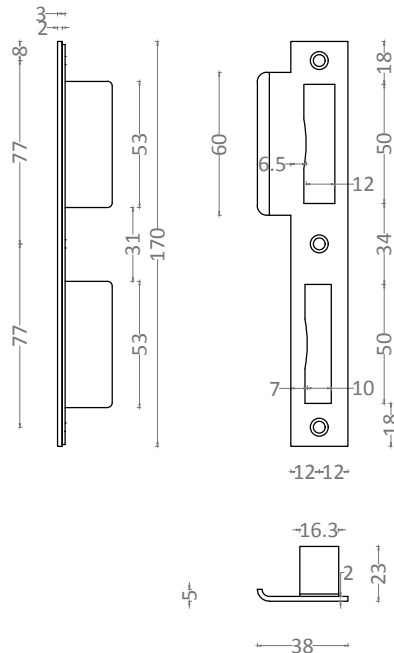
Mortise X-RAY lock S-8072 XRAY (photo below is showing left hand lock according to BS EN 12519:2004)



Mortise X-RAY lock S-8072 XRAY dimensions (drawing below is showing right hand lock according to BS EN 12519:2004)



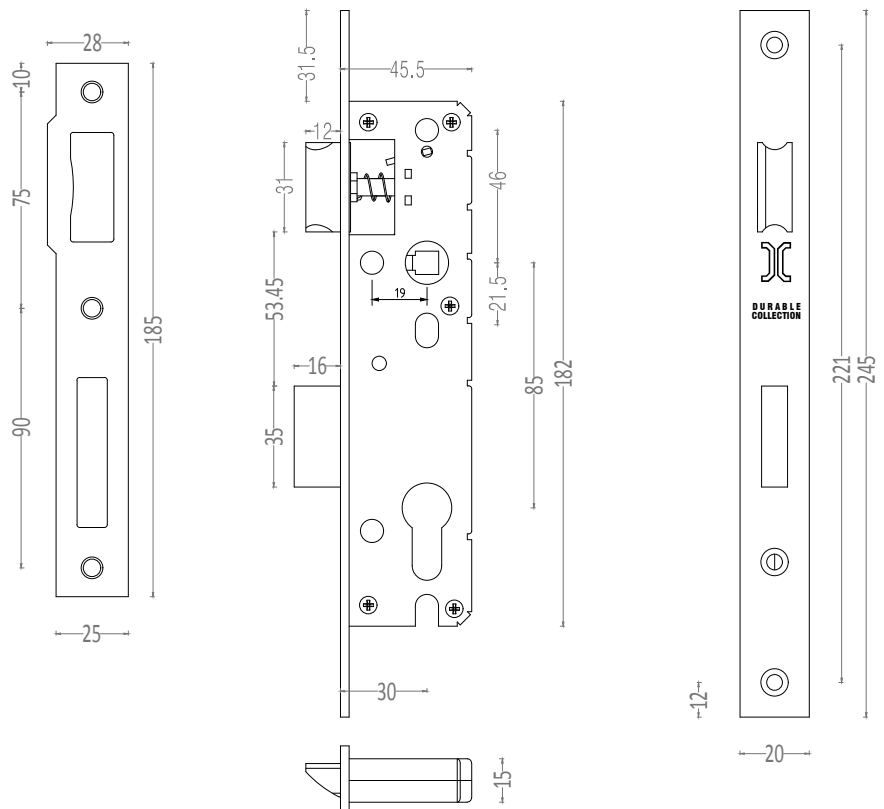
Striking plate and pocket dimensions for mortise X-RAY lock S-8072 XRAY



ITEM CODE: SNS-3085
MORTISE SASHLOCK - NARROW STILE

Features:

- Area of application: For single rebated or flush wooden or metal doors
- Material: Forend, latchbolt and deadbolt: stainless steel EN 1.4301 (type SUS304), optional EN 1.4401 (type SUS306)
- Lockcase or closure: pierced to accept Europrofile cylinder and lever handle. Size 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 42 x height 174 mm
- Forend: width 20 mm, thickness 3 mm, standard square edges, optional round
- Deadbolt: Single throw 16 mm.
- Latchbolt: convex shape, withdrawn by key
- Lever follower: 8 mm square with anti-rattle feature
- Centre to center: 85 mm. Backset: 30 mm
- Latchbolt operated by key, lever handle or turn knob from either side. Deadbolt operated by key from either side using a double cylinder or by key outside and thumb turn inside
- Handing: Reversible at site (right or left)
- Supplied with: 1 pc mortise lock, 1 pc flanged striking plate of 1.5 mm thickness, 5 pcs countersunk metal screws M4X12
- Standard finish: Satin stainless steel (SSS)
- Other finishes are available upon request



ITEM CODE: R-XX72 RANGE MORTISE ROLLER LOCK

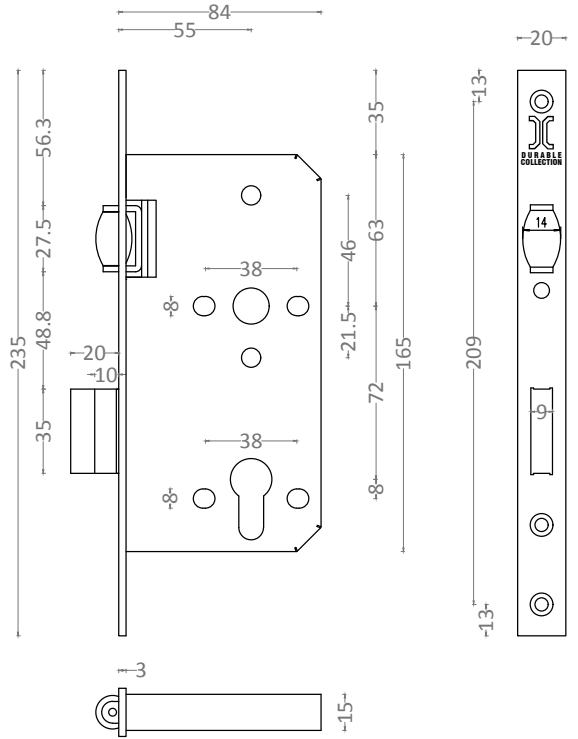
Features:

- Area of application: for flush wooden or metal doors.
- Material: forend, roller bolt and deadbolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing cylinder roses. Bolt holes in vertical alignment for fixing backplate furniture. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 15 mm for R-5572.
- Deadbolt: double throw 2 x 10 mm, withdrawn by key.
- Forend: width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Roller bolt: Adjustable.
- Striking plate: standard single action, for double action doors please specify.
- Centre to centre: standard 72 mm, optional 85 mm.
- Standard backset: 55 mm, optional 40, 45, 50, 60, 65, 70 mm
- Function: roller bolt operated by key from either side using a double cylinder or by key outside and thumb turn inside using single cylinder and turn.
- Supplied with: 1 pc mortise roller lock, 1 pc flanged striking plate, 2 pcs pockets, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

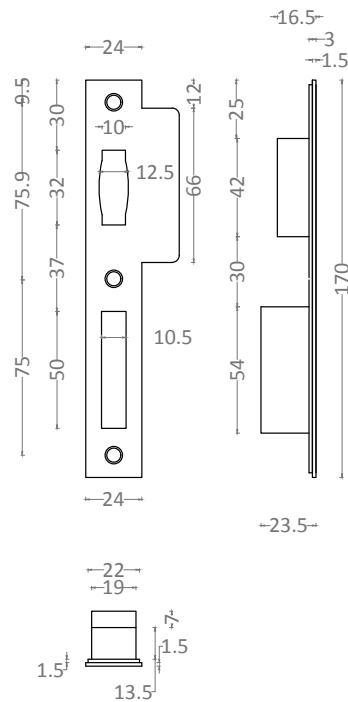
Mortise roller lock R-5572



Mortise roller lock R-5572 dimensions



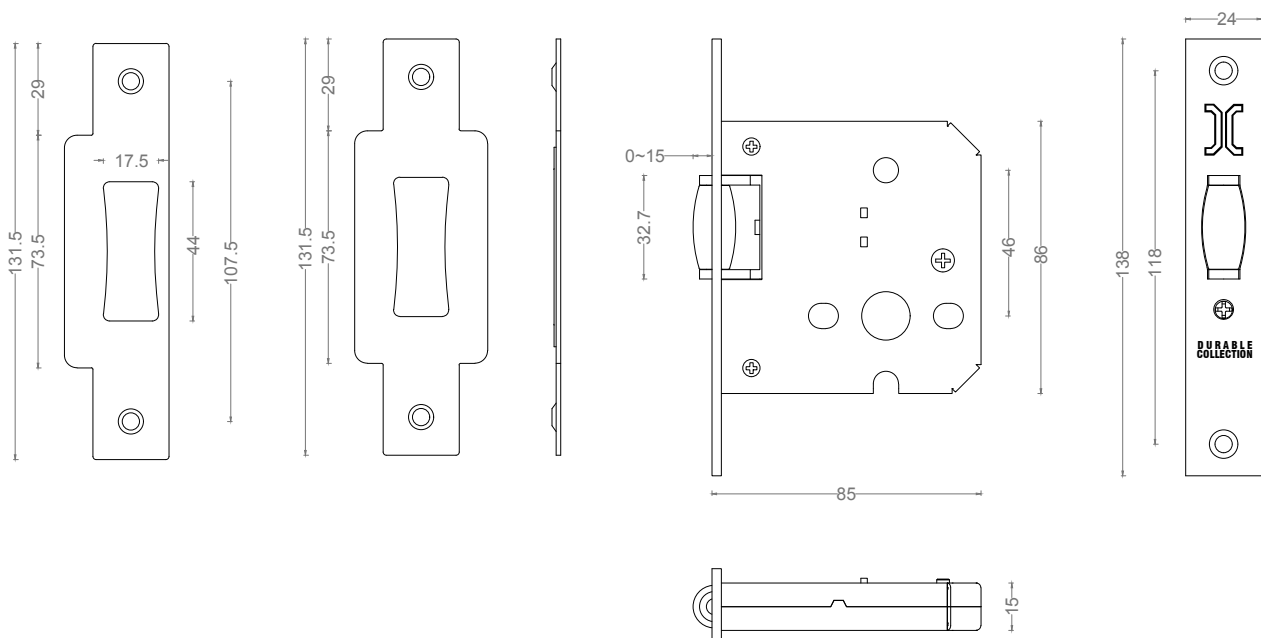
Striking plate and pocket dimensions for mortise roller lock R-5572



ITEM CODE: R-55XX
MORTISE ROLLER LOCK

Features:

- Area of application: for flush wooden or metal doors.
- Material: forend and roller bolt in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Lockcase or closure: pierced to accept 38 mm bolt through fixing. 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 85 x height 86 mm x 15 mm.
- Forend: Standard width 20 mm, thickness 3 mm, optional 24 mm. Standard square edges, optional round.
- Striking plate: standard single action, for double action doors please specify.
- Standard backset: 55 mm.
- Supplied with: 1 pc mortise roller lock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 2 pcs x dia. 3.5 x 16 mm) and 4 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 2 pcs x M4 x 12 mm).
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.



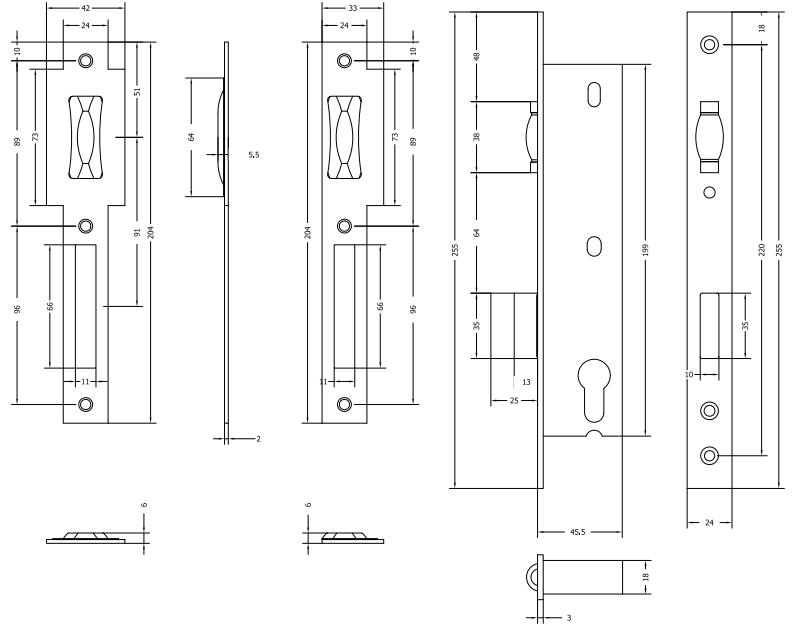
**ITEM CODE: R-30XX SERIES
MORTISE NARROW STILE ROLLER LOCK**

Features:

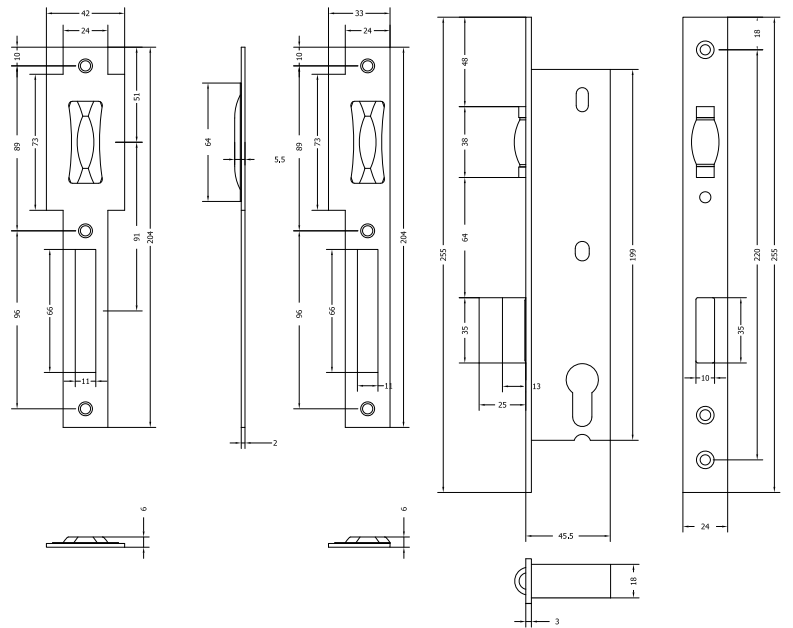
- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend and strike plate are in stainless steel EN 1.4301 (type SUS304). Roller and deabolt are made in zinc.
- Lockcase or closure: pierced to accept Europrofile cylinder. Depth 45.5 x height 199 x thickness 18 mm.
- Standard square edges.
- Supplied with single and double action strike plate. For single action door, you need to specify the door handing (DIN LEFT or DIN RIGHT), for double action door any version is suitable.
- Deadbolt: withdrawn by key.
- Standard backset: 30 mm.
- Function: Deadbolt operated by Europrofile cylinder from either side.
- Handing: Universal.
- Supplied with: 1 pc mortise lock, 2 pc flanged striking plate, 2 pc pocket, 5 pcs countersunk flat head wood screws and 5 pcs countersunk flat head machine screws.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.



R-30XX DIN LEFT




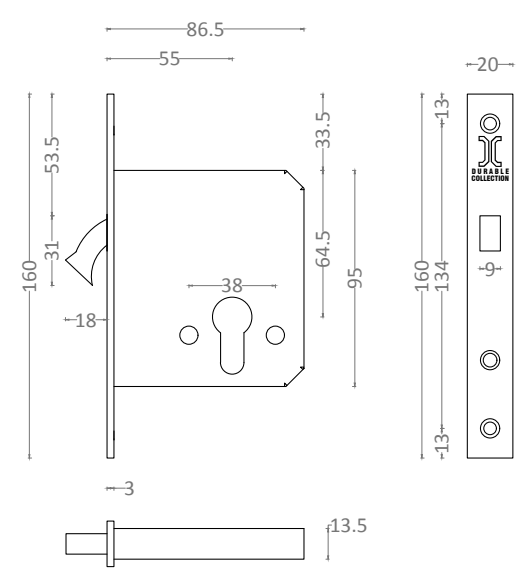
R-30XX DIN RIGHT



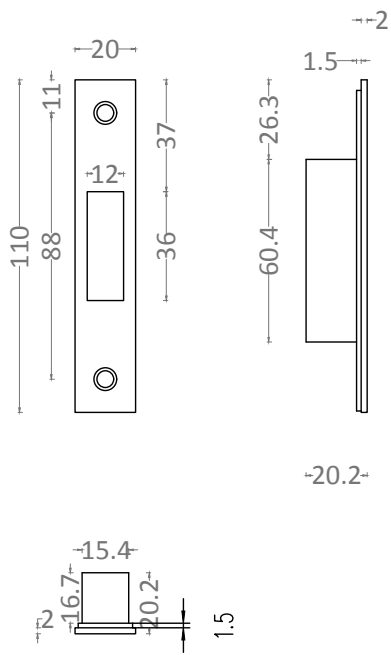
ITEM CODE: H-55XX
MORTISE SINGLE HOOK LOCK

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: in stainless steel EN 1.4301.
- Lockcase or closure: pierced to accept Europrofile cylinder and 38mm bolt through centres for fixing cylinder roses, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 86.5 x height 92 mm x 13.5 mm for H-55XX.
- Hook bolt projection: 18 mm
- Forend: width 20 mm, thickness 3 mm, standard square edges, optional round.
- Standard backset: 55 mm, optional 50 mm.
- Function: hook bolt operated by double cylinder or by key using single cylinder and turn.
- Supplied with: 1 pc mortise hook lock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs $\text{\O}3.8 \times 25$ mm) and 4 pcs countersunk flat head machine screws (2 pcs M5X12 + 2 pcs M4X12).
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

Mortise hook lock H-55XX	Mortise hook lock H-55XX dimensions
	 <p>Technical drawing showing dimensions for the mortise hook lock H-55XX:</p> <ul style="list-style-type: none"> Top view: 160 (total width), 31 (offset), 53.5 (width to center), 86.5 (width to edge), 55 (width to center). Side view: 18 (height), 33.5 (height to top edge), 64.5 (height to bottom edge), 95 (total height). Detail view: 13 (radius), 134 (width), 13 (radius), 20 (width), 13.5 (height).

Striking plate and pocket dimensions for mortise hook lock H-55XX

 <p>Technical drawing showing dimensions for the striking plate and pocket:</p> <ul style="list-style-type: none"> Striking plate (top view): 110 (total height), 88 (height to center), 11 (height to top edge), 20 (width), 12 (width to center), 36 (width to edge), 37 (total width). Striking plate (side view): 60.4 (height), 1.5 (thickness), 2 (radius). Pocket (bottom view): 15.4 (width), 16.7 (width to center), 20.2 (width to edge), 1.5 (height).
--

ITEM CODE: H-45XX & H-50XX

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: Stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: Zinc Alloy
- Lockcase or closure: pierced to accept turn and emergency release, case dimension size: depth 65 x height 82 x width 10 mm for H-45XX.
- Hook bolt projection: 15 mm
- Forend: width 13 mm, length 130 mm, thickness 3 mm, standard square edges, optional round.
- Standard backset: 45 mm, optional 50 mm.
- Function: hook bolt operated by turn and release (round turn dia. 63 mm, square turn 70 mm).
- Supplied with: 1 pc mortise hook lock, 1 pc striking plate, 1 pc pocket, 6 pcs countersunk flat head wood screws (4 pcs $\varnothing 3.8 \times 25$ mm).
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.



ITEM CODE: H-50XX R SERIES

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: Stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: Stainless steel
- Lockcase or closure: pierced to accept turn and emergency release, case dimension size: depth 67.5 x height 104 x width 13.5 mm.
- Hook bolt projection: 21.65 mm
- Forend: width 16.5 mm, length 158 mm, thickness 2.5 mm, standard round edges.
- Standard backset: 50.
- Function: hook bolt operated by rectangular or round turn and emergency release (round turn dia. 57 mm, rectangular shape 130mm x 36 mm).
- Standard finish: Satin Stainless Steel (SSS).

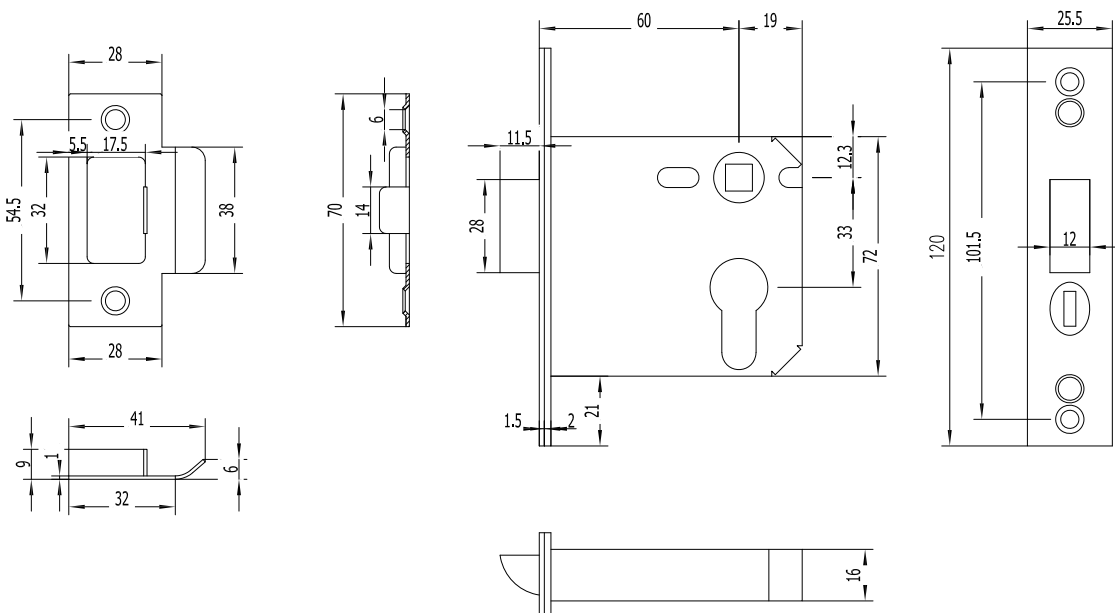


ITEM CODE: L-6033

MORTISE BI-FUNCTION LATCHLOCK

Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, strike plate and latchbolt in stainless steel EN 1.4301 (type SUS304).
- Lockcase or closure: pierced to accept Europrofile cylinder. Depth 79 x height 72 mm x 16 mm.
- Removable forend: Standard width 25.5 mm, thickness 2mm + 1.5mm. Standard square edges.
- Lock is suitable for access panel or bi-function door (push/pull or passage door), best use with removable handle and cylinder pull (ES001).
- Latchbolt: convex shape, withdrawn by key or by removable handle. Removable lever follower is 8x8 mm.
- Standard backset: 60 mm.
- Function: latchbolt operated by removable handle or Europrofile cylinder from either side. Latchbolt can be retracted temporarily by using anti-thrust below latchbolt for passage function.
- Handing: reversible at site (right or left).
- Supplied with: 1 pc mortise lock, 1 pc flanged striking plate with curved lipping, 1 pc pocket, 4 pcs countersunk flat head wood screws and 4 pcs countersunk flat head machine screws and 1 screw for fixing Europrofile cylinder.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

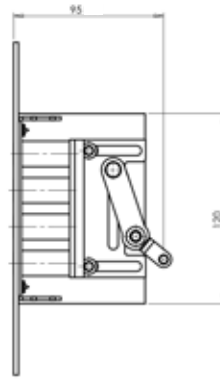
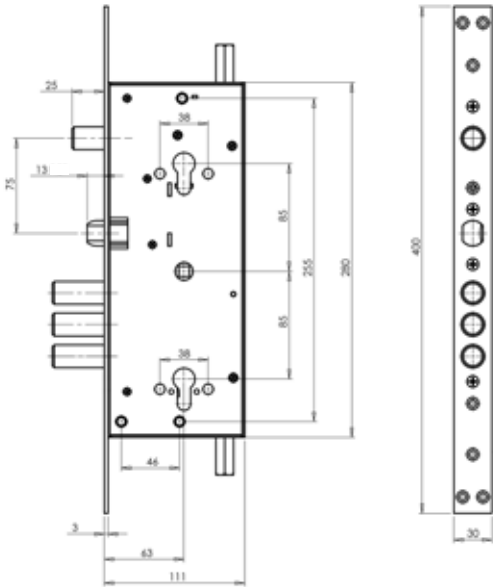


**ITEM CODE: D2000I & D1542
MULTIPOINT WITH CONCEALED RODS & SECURITY ESCUTCHEON**

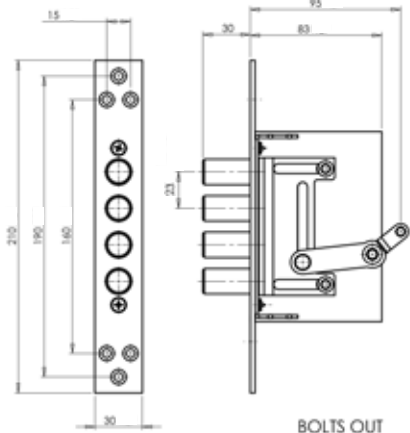
Features:

- Area of application: for metal doors.
- 15 points locking, Double cylinder locking.
- Height 2120 mm, backset: 65mm. Centre to centre: 85mm. follower: 8x8mm
- Supplied with fixing screws.
- Optional D1542: security escutcheon with hardened steel anti-drill rotating disk, concealed fixing, anti-pull protection, anti-twist protection, fits Europrofile cylinder and standard finish: satin nickel.
- Standard finish: Satin Nickel. Other finishes are available upon request.

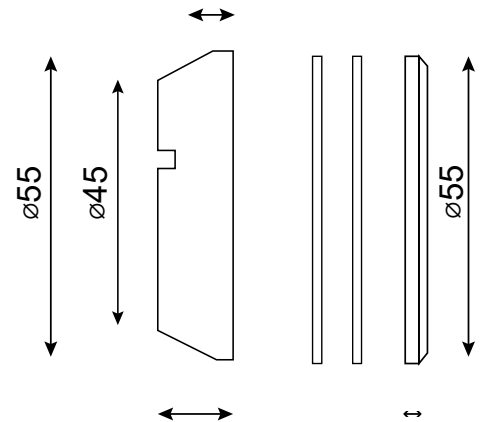




BOLTS IN



BOLTS OUT



**ITEM CODE: D2000C & D1542I
MULTIPOINT LOCK & SECURITY ESCUTCHEON**

Features:

- Area of application: for wood and metal doors.
- 3 points locking: centre lock + 2 auxiliary locks
- Front faceplate (20x10.5mm) and strike plates (3 pieces) in Aluminium.
- Latchbolt: Zinc alloy. Latchbolt: Iron. Reversible latchbolt.
- Backset: 50mm. Centre to centre: 85mm. follower: 8x8mm
- Supplied with fixing screws.
- Optional D1542I: security escutcheon with hardened steel anti-drill rotating disk, concealed fixing, anti-pull protection, anti-twist protection, fits Europrofile cylinder and standard finish: Satin Nickel.
- Standard finish: Aluminium. Other finishes are available upon request.



**ITEM CODE: EML-FSX SERIES
ELECTRIFIED SOLENOID MORTISE LOCK**



EN1634-1

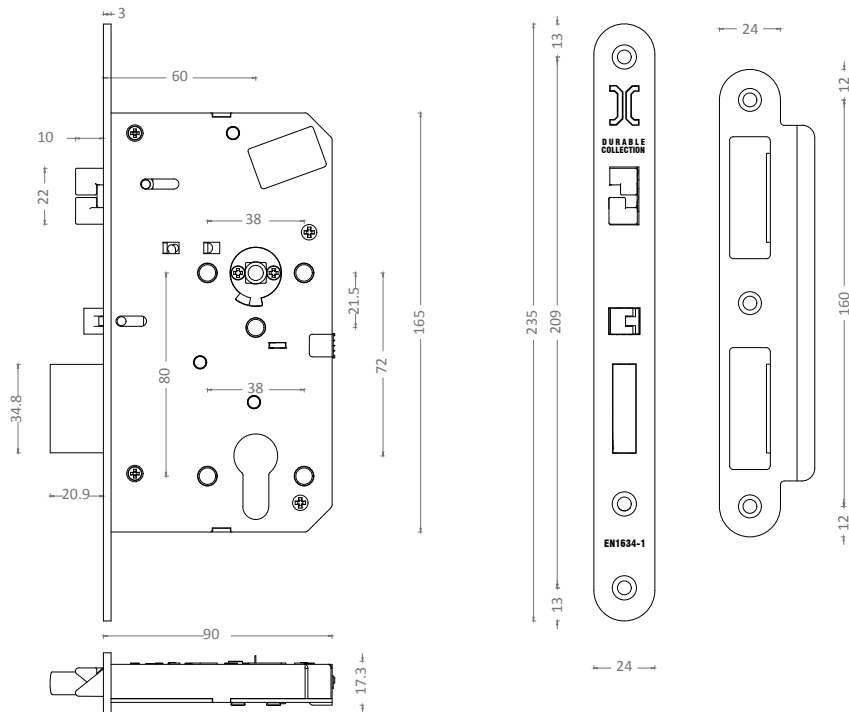
Features:

- Area of application: for single rebated or flush wooden and metal doors.
- Material: forend, latchbolt and deadbolt in stainless steel EN 1.4301 (type SUS304).
- Lockcase or closure: pierced to accept Europrofile cylinder and 38 mm bolt through centres for fixing lever and cylinders roses.
- Deadbolt: single throw 1 x 21 mm.
- Forend: Standard width 24 mm, thickness 3 mm. Standard round edges, optional square.
- Latchbolt: 2 parts, withdrawn by key.
- Lever follower: 8 mm square, split.
- Centre to centre: 72 mm, standard backset: 60 mm.
- Mechanical override cylinder.
- Operating voltage 12VDC (+ or – 10%), max. current 500mA with Connecting cable.
- Panic/egress function via relocating screws on lever follower.
- Only works with recommended power supply. Consult Durable Collection before specifying.
- Optional features:
 - ◇ DBS- Dead Bolt Switch, monitor the use of the deadbolt.
 - ◇ DPS- Auxiliary Bolt Switch, monitor the position of the door (door open/door close) via auxiliary bolt.
 - ◇ REX- Request to Exit, switch the signal use of lever from secured side.
 - ◇ MCS- Mortise Cylinder Switch, monitor the use of the cylinder.
 - ◇ Designed for doors thickness 44 mm standard.
 - ◇ Function: Outside lever locked (EML-FSE) or unlocked (EML-FSA) electronically via relocating screw at site.
 - ◇ Fail locked, outside handle is locked when power is removed.
 - ◇ Fail unlocked, outside handle is unlocked when power is removed.
- Inside lever is always free for immediate egress.
- When door is shut the latchbolt is locked against end pressure due to anti-thrust latch below latchbolt.
- Automatic deadlocking (every time the door is shut it is deadlocked).
- Supplied with: 1 pc electrified mortise lock, 1 pc striking plate with lipping, 5 pcs countersunk flat head wood screws (2 pcs x dia. 4.8 x 25 mm + 3 pcs x dia. 3.5 x 16 mm) and 5 pcs countersunk flat head machine screws (2 pcs x M5 x 12 mm + 3 pcs x M4 x 12 mm).
- Meets dimensional recommendations of BS8300 and ADM (Approved Document M) for locks.
- Tested successfully to EN1634-1, 4 hours.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

Electrified solenoid mortise lock




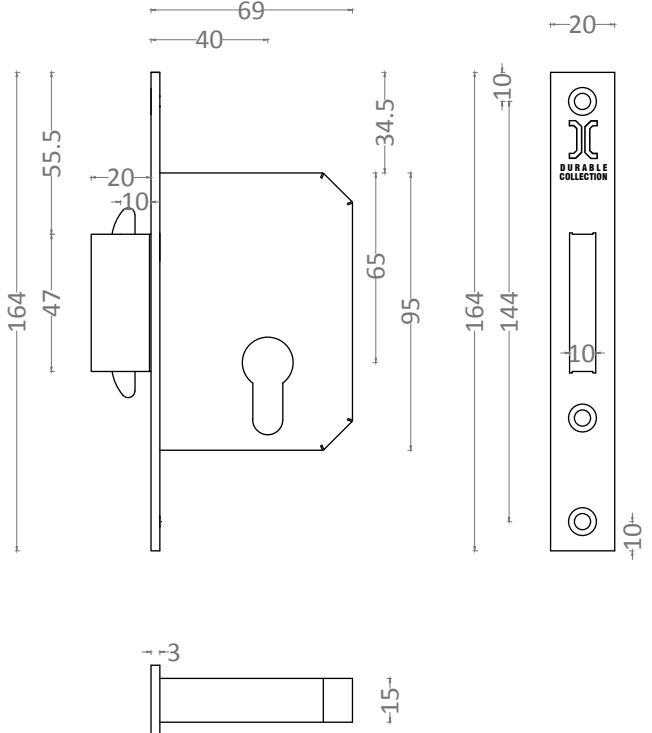
Electrified mortise lock dimensions



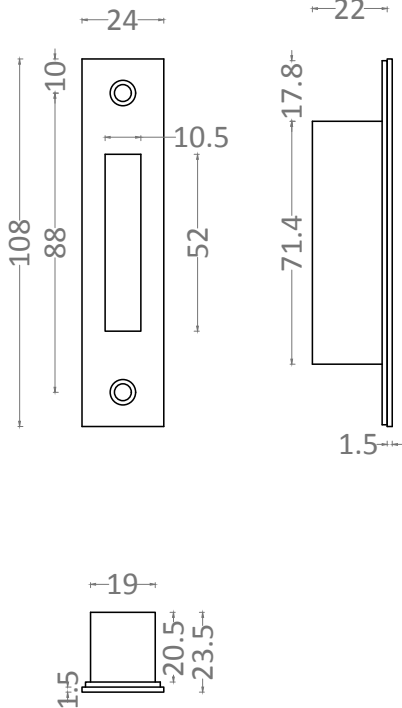
ITEM CODE: H-40XX
MORTISE DOUBLE HOOK LOCK

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: in stainless steel EN 1.4301.
- Lockcase or closure: pierced to accept Europrofile cylinder, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 69 x height 95 mm x 15 mm.
- Hook bolt projection: 20 mm
- Forend: width 20 mm, thickness 3 mm, standard square edges, optional round.
- Standard backset: 40 mm.
- Function: double hook bolts operated by double cylinder or by key using single cylinder and turn.
- Supplied with: 1 pc mortise hook lock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs $\varnothing 3.8 \times 25$ mm) and 4 pcs countersunk flat head machine screws (2 pcs M5X12 + 2 pcs M4X12).
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

Mortise double hook lock H-40XX	Mortise double hook lock H-40XX dimensions
	 <p>Technical drawing showing front, side, and detail views of the mortise double hook lock H-40XX with dimensions in millimeters:</p> <ul style="list-style-type: none"> Front view dimensions: 164 (total height), 47 (height to top of keyhole), 55.5 (height to bottom of keyhole), 69 (width), 40 (width of top section), 20 (height of top section), 10 (height of keyhole opening), 65 (width of keyhole opening), 95 (total width), 34.5 (width of bottom section). Side view dimensions: 164 (total height), 144 (height to bottom of keyhole), 10 (height of keyhole opening), 20 (height of top section). Detail view dimensions: 3 (width of top flange), 15 (height of top flange).


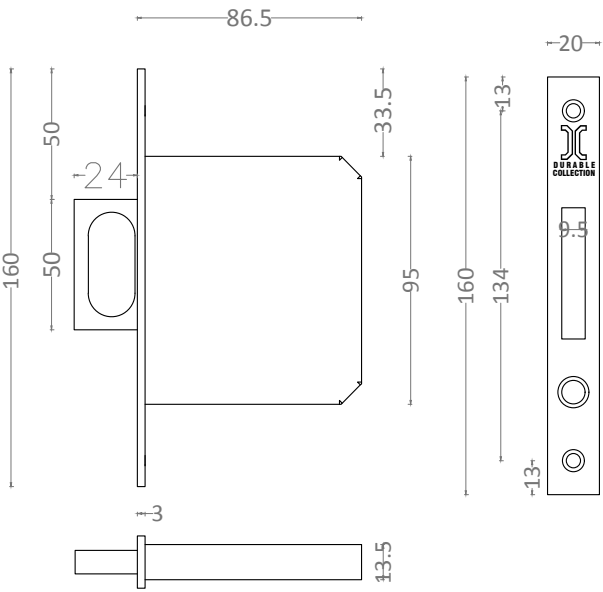
Striking plate and pocket dimensions for mortise double hook lock H-40XX

 <p>Technical drawing showing dimensions for the striking plate and pocket for the mortise double hook lock H-40XX:</p> <ul style="list-style-type: none"> Striking plate dimensions: 108 (total height), 88 (height to top of keyhole), 10 (height of keyhole opening), 24 (width), 10.5 (height of keyhole opening), 52 (height to bottom of keyhole), 22 (width), 71.4 (height to top of keyhole), 17.8 (height of keyhole opening), 1.5 (thickness). Pocket dimensions: 19 (width), 1.5 (thickness), 20.5 (height to top of keyhole), 23.5 (height to bottom of keyhole).
--

ITEM CODE: SE-XXXX
MORTISE SLIDING EDGE PULL HANDLE HOOK LOCK

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: in stainless steel EN 1.4301.
- Lockcase or closure: 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 86.5 x height 95 mm x 13.5 mm.
- Hook bolt projection: 24 mm
- Forend: width 20 mm, thickness 3 mm, standard square edges, optional round.
- Function: hook bolt operated by pressing button located on the forend.
- Supplied with: 1 pc mortise hook lock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs $\varnothing 3.8 \times 25$ mm) and 4 pcs countersunk flat head machine screws (2 pcs M5X12 + 2 pcs M4X12).
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.


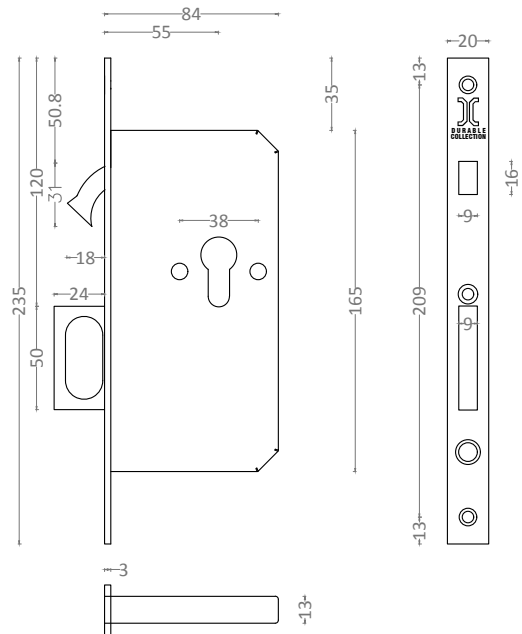
Mortise hook lock SE-XXXX	Mortise hook lock SE-XXXX dimensions
	

ITEM CODE: SEH-55XX

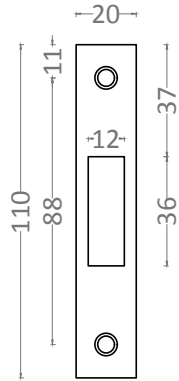
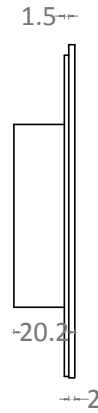

MORTISE SLIDING EDGE PULL HANDLE DOUBLE HOOK LOCK

Features:

- Area of application: for wooden and metal sliding doors.
- Forend: in stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Hook bolt: in stainless steel EN 1.4301.
- Lockcase or closure: pierced to accept Europrofile cylinder, 1.5 mm thickness of cold-rolled hot dipped galvanized sheet with dimension size: depth 84 x height 165 mm x 13 mm.
- Hook bolt projection: 24 mm + 18 mm
- Forend: width 20 mm, thickness 3 mm, standard square edges, optional round.
- Standard backset: 55 mm.
- Function: hook bolt operated by double cylinder or by key using single cylinder and turn, additional hook bolt operated by pressing button located on the forend.
- Supplied with: 1 pc mortise hook lock, 1 pc striking plate, 1 pc pocket, 4 pcs countersunk flat head wood screws (4 pcs Ø3.8X25 mm) and 4 pcs countersunk flat head machine screws (2 pcs M5X12 + 2 pcs M4X12).
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

Mortise double hook lock SEH-55XX	Mortise double hook lock SEH-55XX dimensions
	

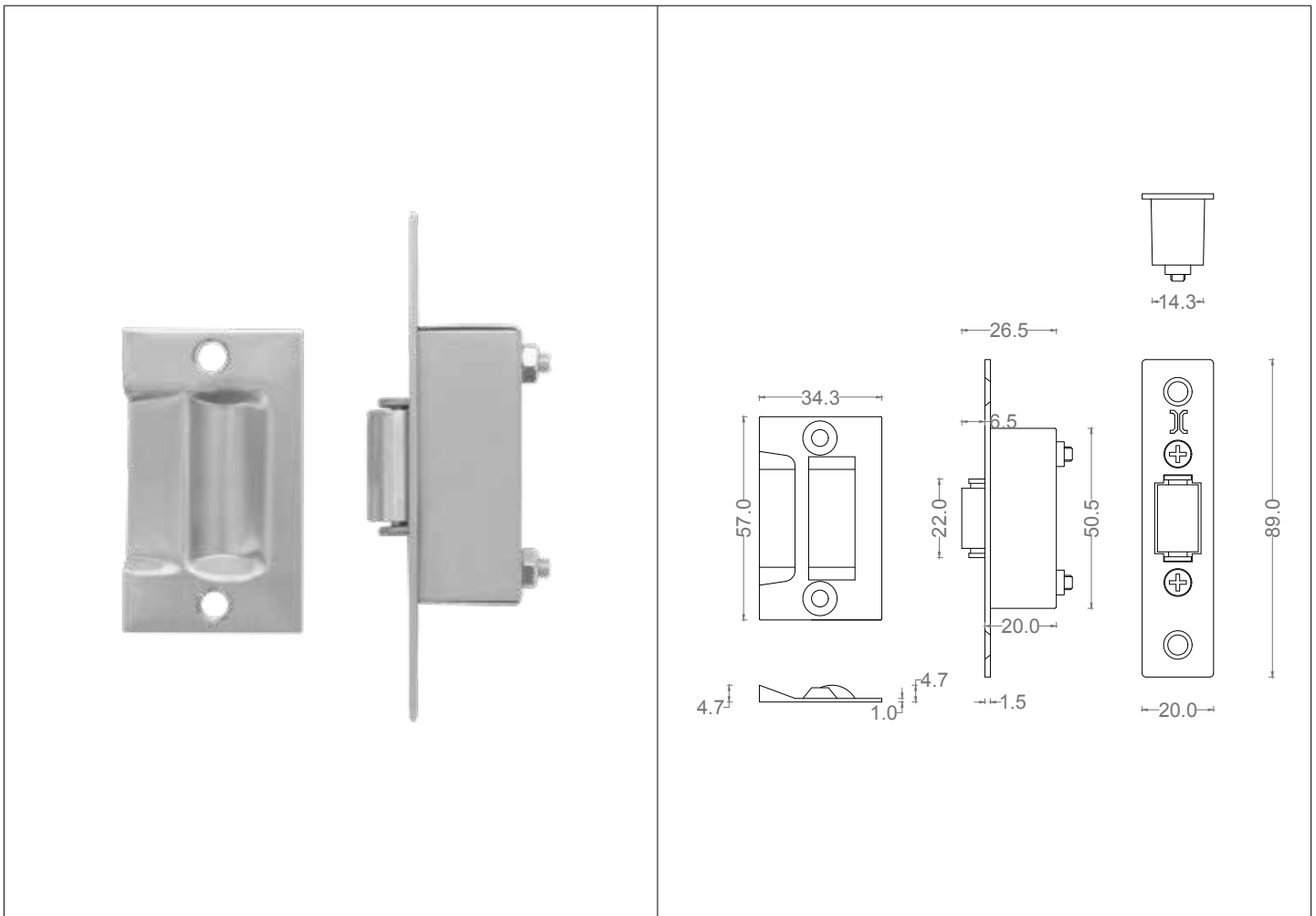
Striking plate and pocket dimensions for mortise double hook lock SEH-55XX

**ITEM CODE: RC002
ROLLER CATCH**

Features:

- Area of application: for wood or steel doors.
- Standard: Stainless steel EN 1.4301 (type SUS304).
- Optional: Stainless steel EN 1.4401 (type SUS316).
- Roller catch prevents cabinet doors and drawers from opening on their own or not remaining shut.
- Universal handing.
- Standard forend size: 20x89mm, standard strike size 34.3x57mm
- Standard finish: Satin stainless steel. Other finishes are available upon request. PVD coating is optional.





ITEM CODE: DC6424 & DC6424BC


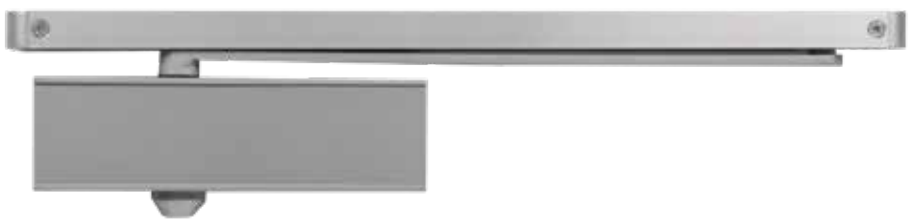
EN 1154
EN 1634-1  

Features:

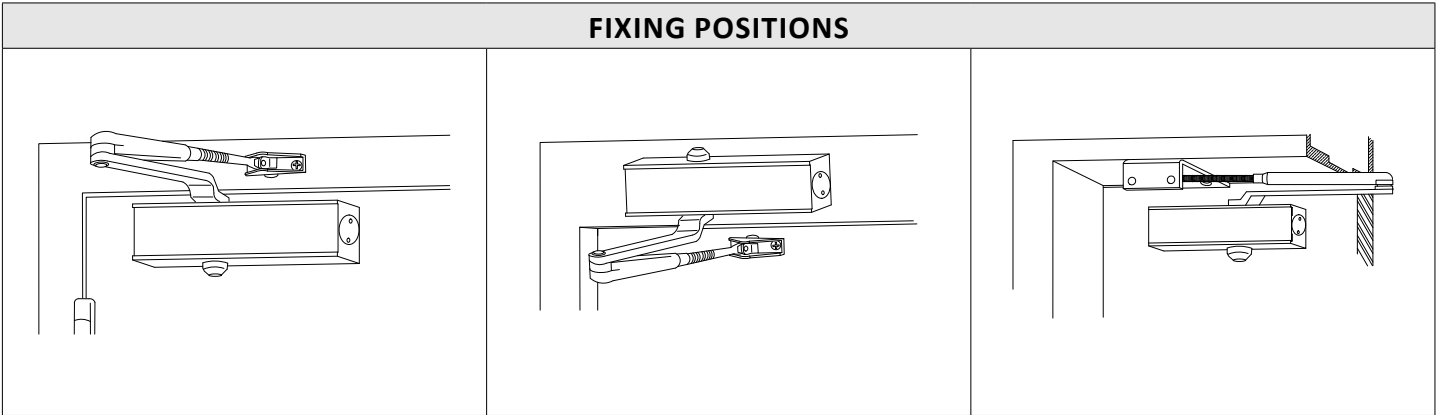
- Adjustable power size EN2/EN3/EN4 (by template position).
- Standard adjustable sweep/speed and latching valves.
- CE marked: 0905-CPR-000524-01 & 0359-CPR-000524.
- Tested and certified to BS EN 1154:1996/A1:2002/AC: 2006 & BS EN 1634-1:2014.
- DoP (Declaration of Performance) available on website or on request.
- Standard in package: FIG1 (standard arm pull side), FIG61 (standard arm push side) and bracket for FIG66 (parallel arm push side).
- Optional hold open arm (not recommended for fire rated doors).
- Maximum angle of operation: 180°. Closer projection 39 mm.
- Optional feature: guide rail, SSS cover and backcheck.
- Door weight up to 80 kgs, door width up to 1100 mm.
- Durability: 500 000 cycles.
- Cast Aluminium body.
- Standard finish: Silver (Aluminium-SE, US28,689).
- Other finishes are available upon request.
- Door closer Classification:



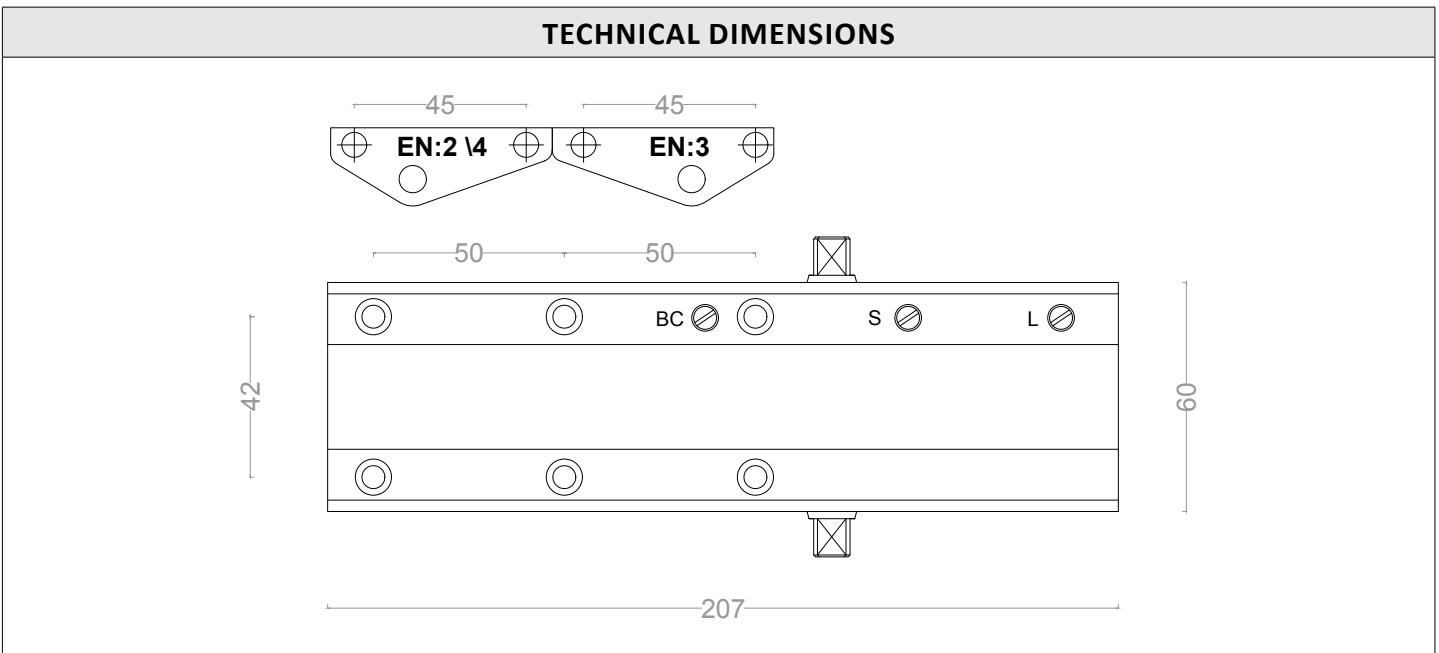
CATEGORY OF USE	NUMBER OF TEST CYCLES	TEST DOOR MASS/SIZE	FIRE BEHAVIOUR	SAFETY	CORROSION RESISTANCE
4	8	2/4	1	1	3

SSS COVER	DC6424BC + DC6424-GR
	

FIXING POSITIONS



TECHNICAL DIMENSIONS



SELECTION CHART

MODEL #	POWER SIZE	REMARK
DC6424BC	2-4 (BY TEMPLATE)	BACKCHECK

PARALLEL ARM BRACKET	GUIDE RAIL	HOLD OPEN ARM

ITEM CODE: DC6626BC RANGE

EN 1154
EN 1634-1  **CE**

Features:

- Adjustable power size 2-6
- Standard adjustable sweep/speed, latching and backcheck.
- CE marked: 0905-CPR-000525-01 & 0359-CPR-000525.
- Tested and certified to BS EN 1154:1996/A1:2002/AC: 2006 & BS EN 1634-1:2014.
- Available with slide arm/guide rail
- DoP (Declaration of Performance) available on website or on request.
- Standard packaging: FIG1 (standard arm push side), FIG61 (standard arm pull side) and bracket for FIG66 (parallel arm pull side).
- Optional hold open arm (not recommended for fire doors)
- Maximum angle of operation: 180°. Closer projection 46 mm.
- Optional feature: guide rail, SSS cover and delayed action.
- Door weight up to 120 kgs, door width up to 1400 mm.
- Durability: 500 000 cycles.
- Cast Aluminium body.
- Standard finish: Silver (Aluminium-SE, US28,689). Other finishes are available upon request.

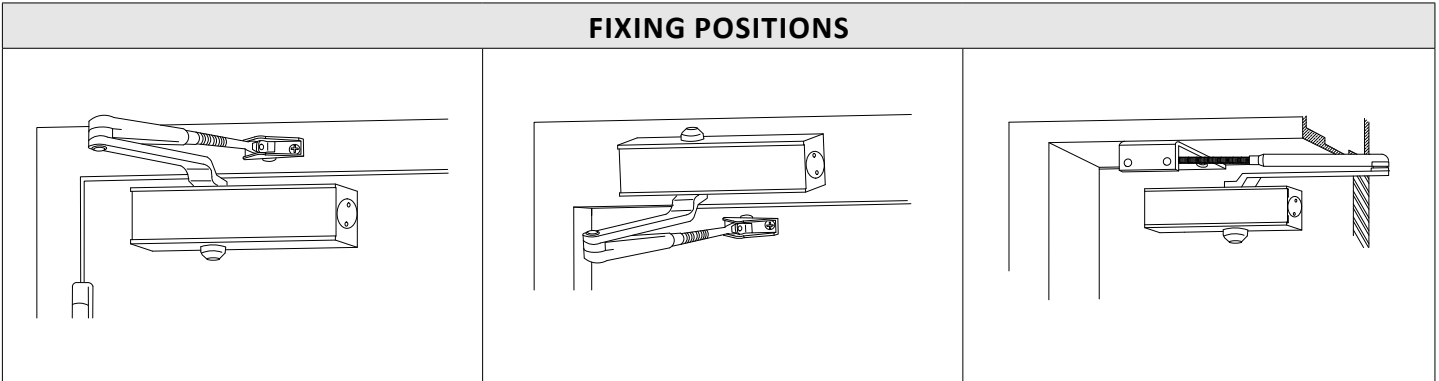


Door closer Classification:

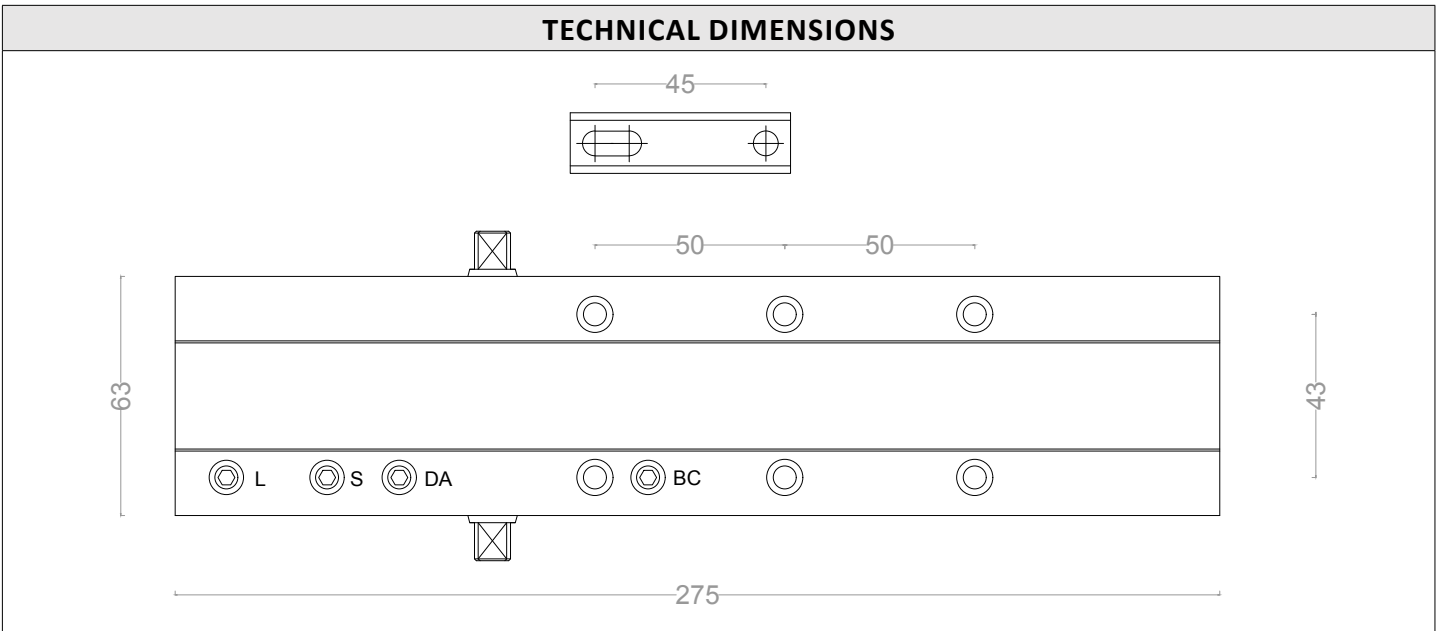
CATEGORY OF USE	NUMBER OF TEST CYCLES	TEST DOOR MASS/SIZE	FIRE BEHAVIOUR	SAFETY	CORROSION RESISTANCE
4	8	6	1 ^B	1	3
		2 ^A			

PARALLEL ARM BRACKET	GUIDE RAIL	HOLD OPEN ARM
		

FIXING POSITIONS



TECHNICAL DIMENSIONS



SELECTION CHART

MODEL #	POWER SIZE	REMARK
DC6626BCDA	2-6	BACKCHECK AND DELAYED ACTION
DC6626BC	2-6	BACKCHECK
DC6626BC-G	2-6	BACKCHECK, HOLD OPEN & GUIDE RAIL (EFFECTIVE POWER SIZE 2-4 DUE TO SLIDE ARM INSTALLATION)



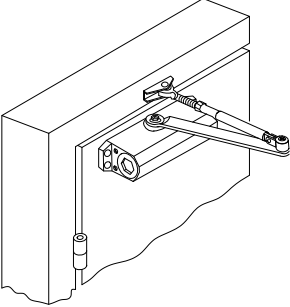
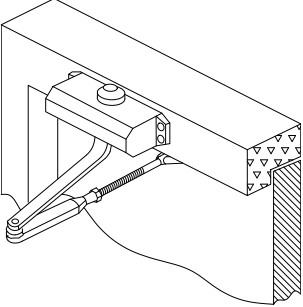
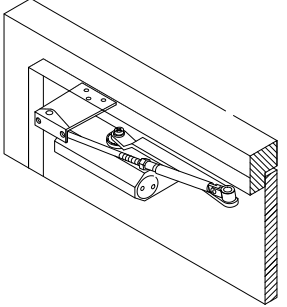
ITEM CODE: DCR RANGE

EN 1634-1  

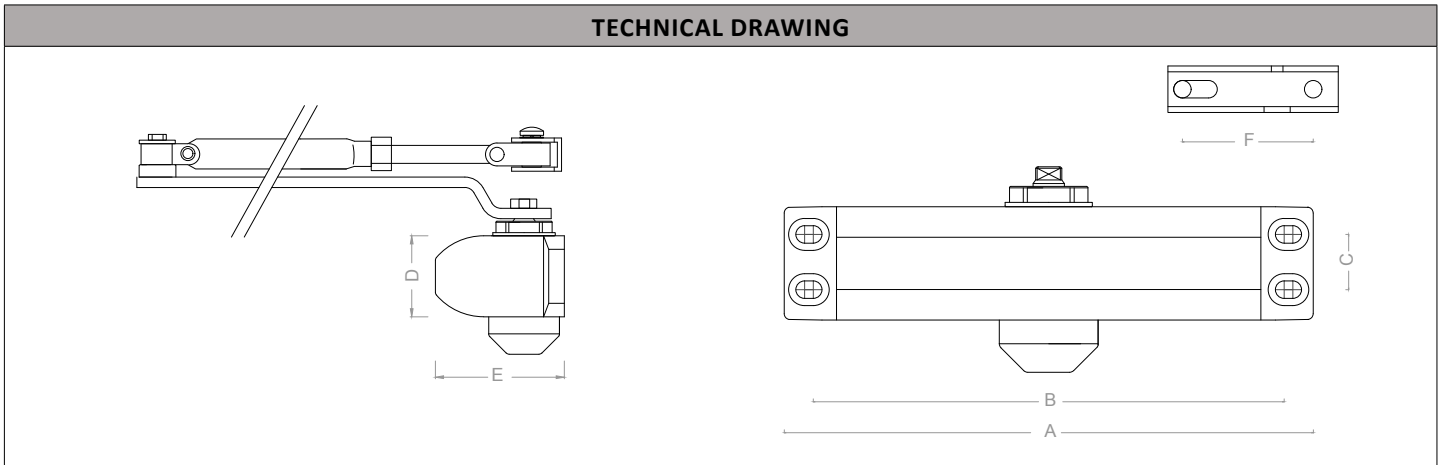
Features:

- Fixed power size 2/3/4/5/ or 6.
- Power size by template (2,3 and 4 for DCR3).
- Adjustable close/sweep and latch speed.
- UL listed. UL10C up to 3 hours fire rated.
- Fire rated up to 4 hours to EN 1634-1:2014 (E and EI fire doors).
- UL file number: GVEV.R39005
- Non-handed.
- High strength die cast aluminium body
- Standard package: Regular and top jamb installation.
- Optional mounting: Parallel bracket for parallel arm installation. Hold open arm for DCR2 & DCR3.
- Optional: ABS cover
- Standard finish: Silver (Aluminium-SE).
- Other finishes are available upon request.



FIG1	FIG61	FIG66
		
<p>REGULAR ARM INSTALLATION CLOSER IS INSTALLED ON PULL/HINGE SIDE OF DOOR</p>	<p>TOP JAMB INSTALLATION CLOSER IS INSTALLED ON FRAME ON PUSH/STOP SIDE OF DOOR</p>	<p>PARALLEL ARM INSTALLATION CLOSER IS INSTALLED ON PUSH/STOP SIDE OF DOOR</p>

PARALLEL ARM BRACKET	ABS COVER	HOLD OPEN ARM FOR DCR2 & DCR3
		



A.	LENGTH OF CLOSER BODY	B.	HORIZONTAL MOUNTING HOLES SPACING
C.	VERTICAL MOUNTING HOLES SPACING	D.	CLOSER BODY HEIGHT
E.	PROJECTION FROM DOOR	F.	ARM SHOE SPACING

Model#	TECHNICAL DIMENSIONS MINIMUM - MAXIMUM WIDTH OF DOOR (MM)						CLOSER SIZE	STANDARD & TOP JAMB		MAX. DOOR WEIGHT (KG)
	A	B	C	D	E	F		INTERIOR	EXTERIOR OR VESTIBULE DOORS	
	DCR2	147	132	19	36	56		44	2	
DCR3	178	162	19	39	62	44	3	863.6 to 965.5	609 to 762	45
DCR4	204	188	19	42	71	44	4	965.5 to 1219.2	762 to 914.4	57
DCR5	226	208	19	16	72	44	5	1219.2 to 1371.6	914.4 to 1066.8	70
DCR6	248	230	19	46	72	44	6	1371.6 to 1524	1066.8 to 1219.2	82

Model#	TECHNICAL DIMENSIONS MINIMUM - MAXIMUM WIDTH OF DOOR (MM)						CLOSER SIZE	PARALLEL ARM		MAX. DOOR WEIGHT (KG)
	A	B	C	D	E	F		INTERIOR	EXTERIOR OR VESTIBULE DOORS	
	DCR2	147	132	19	36	56		44	2	
DCR3	178	162	19	39	62	44	3	609 to 863.6		36
DCR4	204	188	19	42	71	44	4	863.6 to 965.5	609 to 762	45
DCR5	226	208	19	16	72	44	5	965.5 to 1219.2	762 to 914.4	57
DCR6	248	230	19	46	72	44	6	1219.2 to 1371.6	914.4 to 1066.8	70

DCR2 - HOLES PATTERN: 132X19 MM



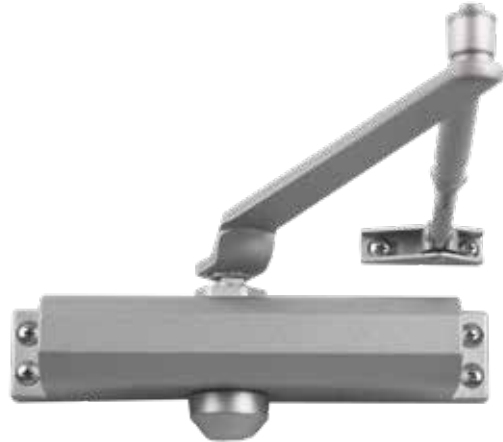
DCR3- HOLES PATTERN: 165X19 MM



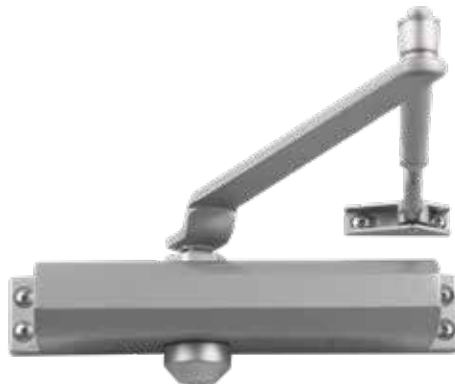
DCR4- HOLES PATTERN: 188X19 MM

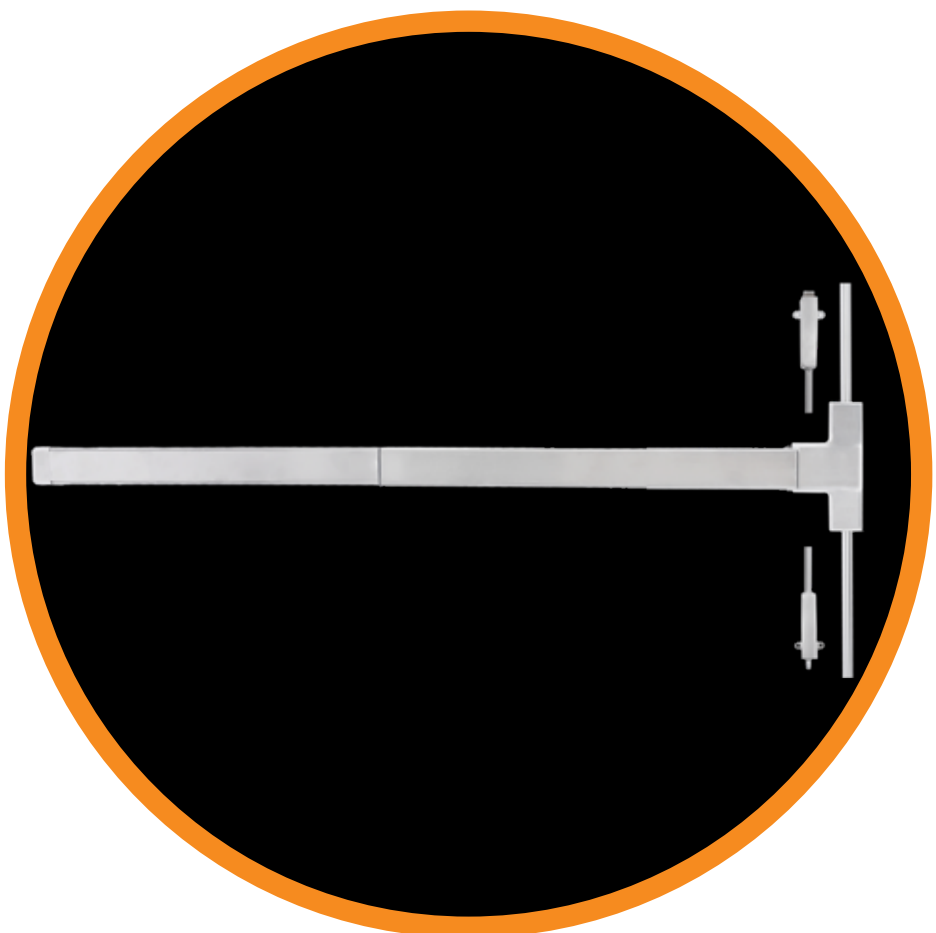
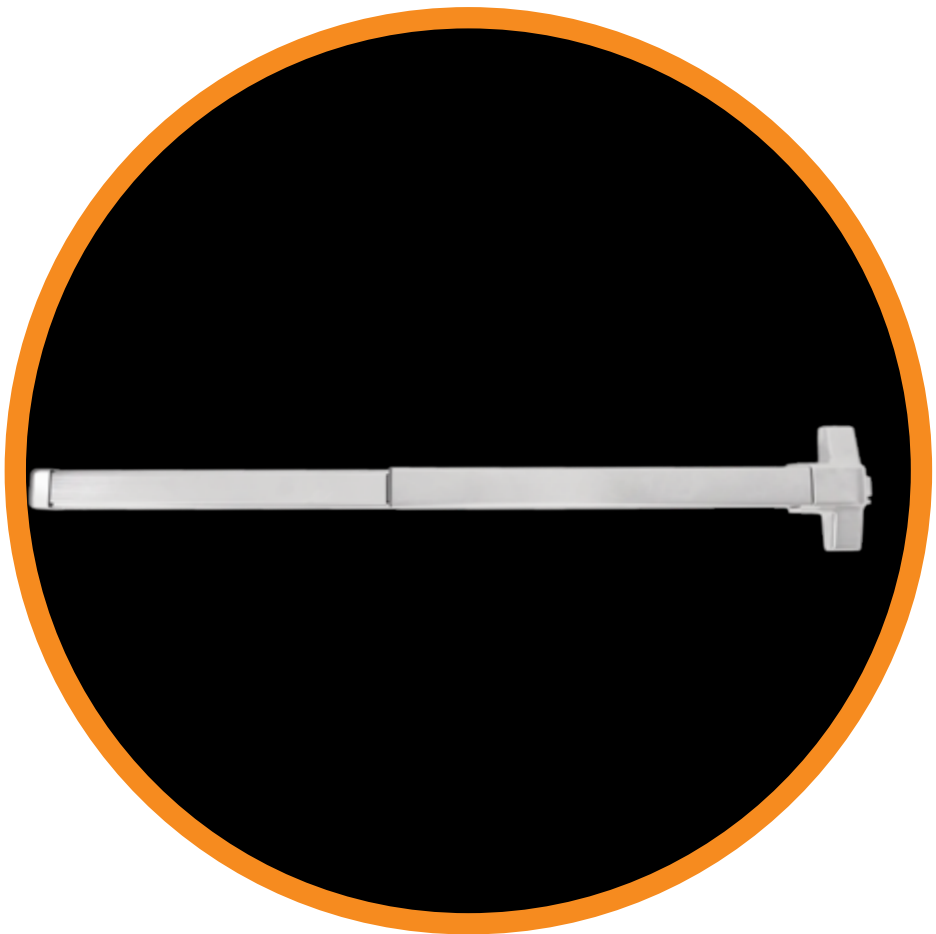


DCR5- HOLES PATTERN: 208X19 MM



DCR6- HOLES PATTERN: 230X19 MM





**ITEM CODE: D301, D302, D306 & D307 SERIES
PANIC EXIT DEVICE WITH HALF OR FULL TOUCH BAR**

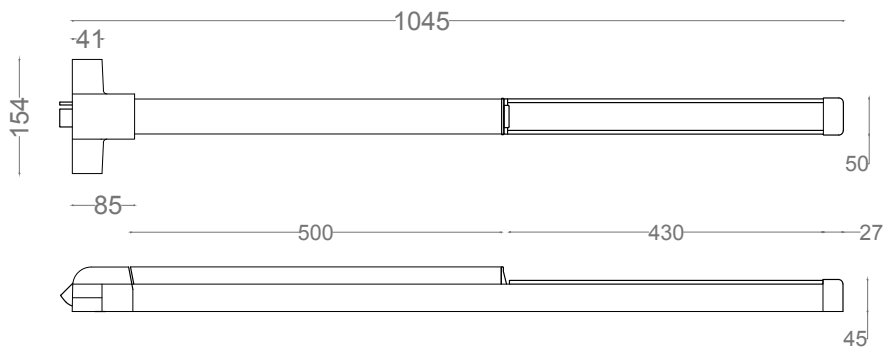


Features:

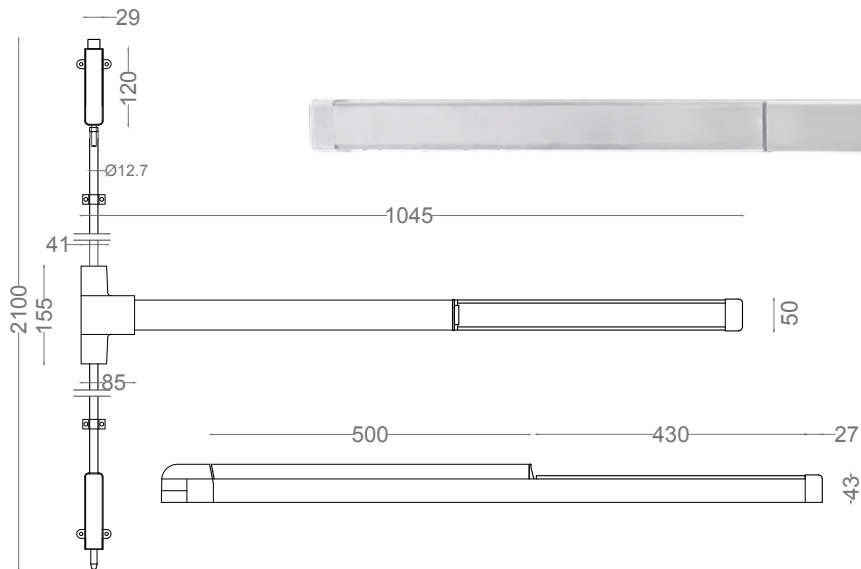
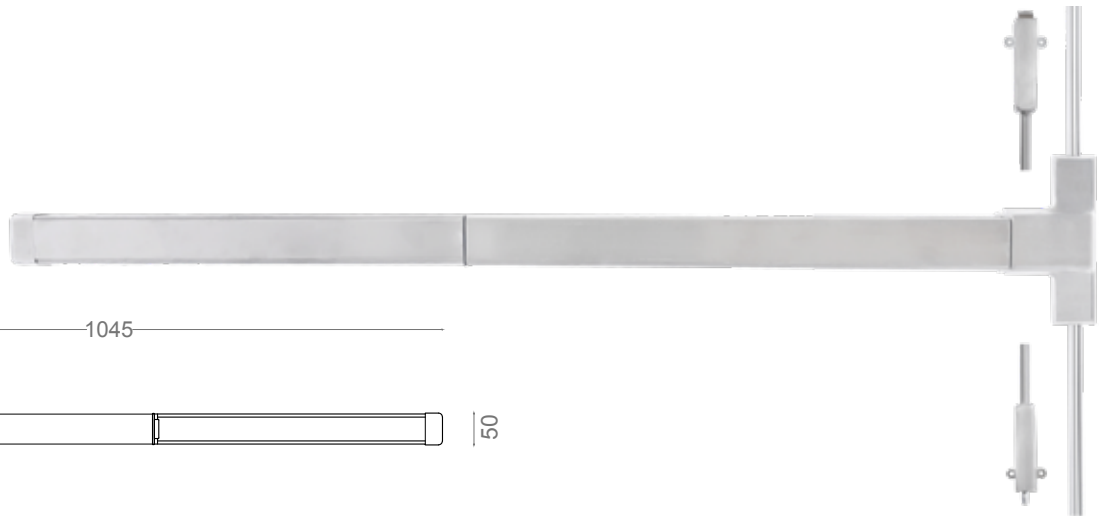
- Area of application: For single or double wooden and metal doors.
- Standard material:
 - D301S and D302S (Panic Latch Touch Bar): End cover, body cover, lock body, push bar, centre cover, striking plate and latch bolt are stainless steel EN 1.4301 (type 304).
 - D301P and D302P (Panic Latch Touch Bar): End cover, body cover, lock body, push bar, centre cover, striking plate and latch bolt are steel (Q235-A)
 - D306S and D307S (Panic Bolt Touch Bar): End cover, body cover, lock body, push bar, centre cover, top and bottom covers are stainless steel EN 1.4301 (type 304).
 - D306P and D307P (Panic Bolt Touch Bar): End cover, body cover, lock body, push bar, centre cover, top and bottom covers are steel (Q235-A).
- One-locking point for D301/D302 and two-point locking for D306/307.
- Anti-thrust latch function for D301/D302.
- Single operation. Fully reversible.
- Optional material: EN 1.4401 (type SUS316).
- Supplied with:
 - D301/D302 series: 1 pc complete set panic latch touch bar, 1 pc keep (strike) for single leaf with full set of screws.
 - D306/D307 series: 1 pc complete set panic bolt touch bar, 1 pc top strike, 1 pc bottom strike, 1 set top latch, 1 set bottom latch, 2 sets clamps, 2 pc connect bar (for maximum door height 2133 mm).
- Strike plate (SPD003-A) for double leaf to be ordered separately.
- OAD (outside access device): Certified to be used with DT004, DT006, DT008 and DT010. All outside trims are made in stainless steel EN 1.4301.
- Optional: Request to Exit (REX) is available.
- Tested and certified to EN 1125:2008 and BS EN 1634-1: 2014
- CE marked.
- D302 and D307 series touch bar length 845 mm.
- DoP (Declaration of Performance) available on website or on request.
- Standard finish: Silver or Satin stainless steel (SSS). Other finishes are available upon request.
- Classification:


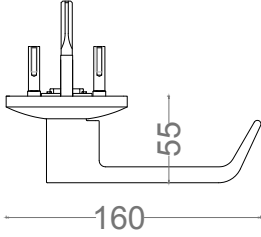

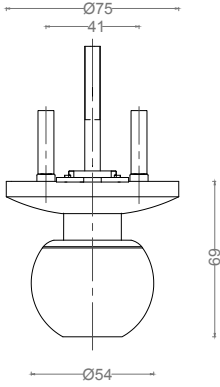

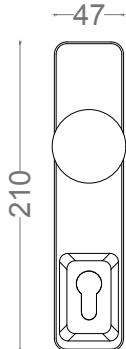

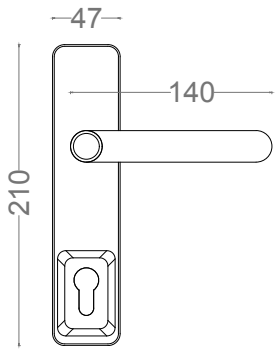

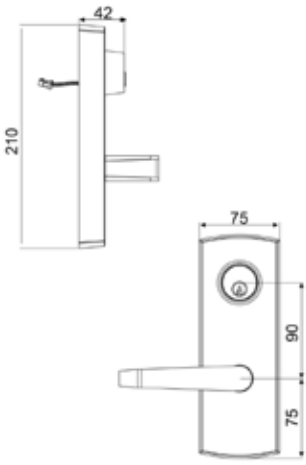

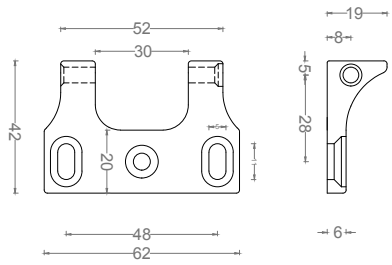
ITEM CODE	CATEGORY OF USE	NUMBER OF TEST CYCLES	TEST DOOR MASS	FIRE RESISTANCE	SAFETY	CORROSION RESISTANCE	SECURITY	PROJECTION OF DEVICE	TYPE OF DEVICE	FIELD OF APPLICATION
D301/D302	3	7	6	B ¹	1	4	2	2	B	A
D306/D307	3	7	6	B ¹	1	4	2	2	B	C

PANIC LATCH TOUCH BAR D301X SERIES



PANIC BOLT TOUCH BAR D306X SERIES



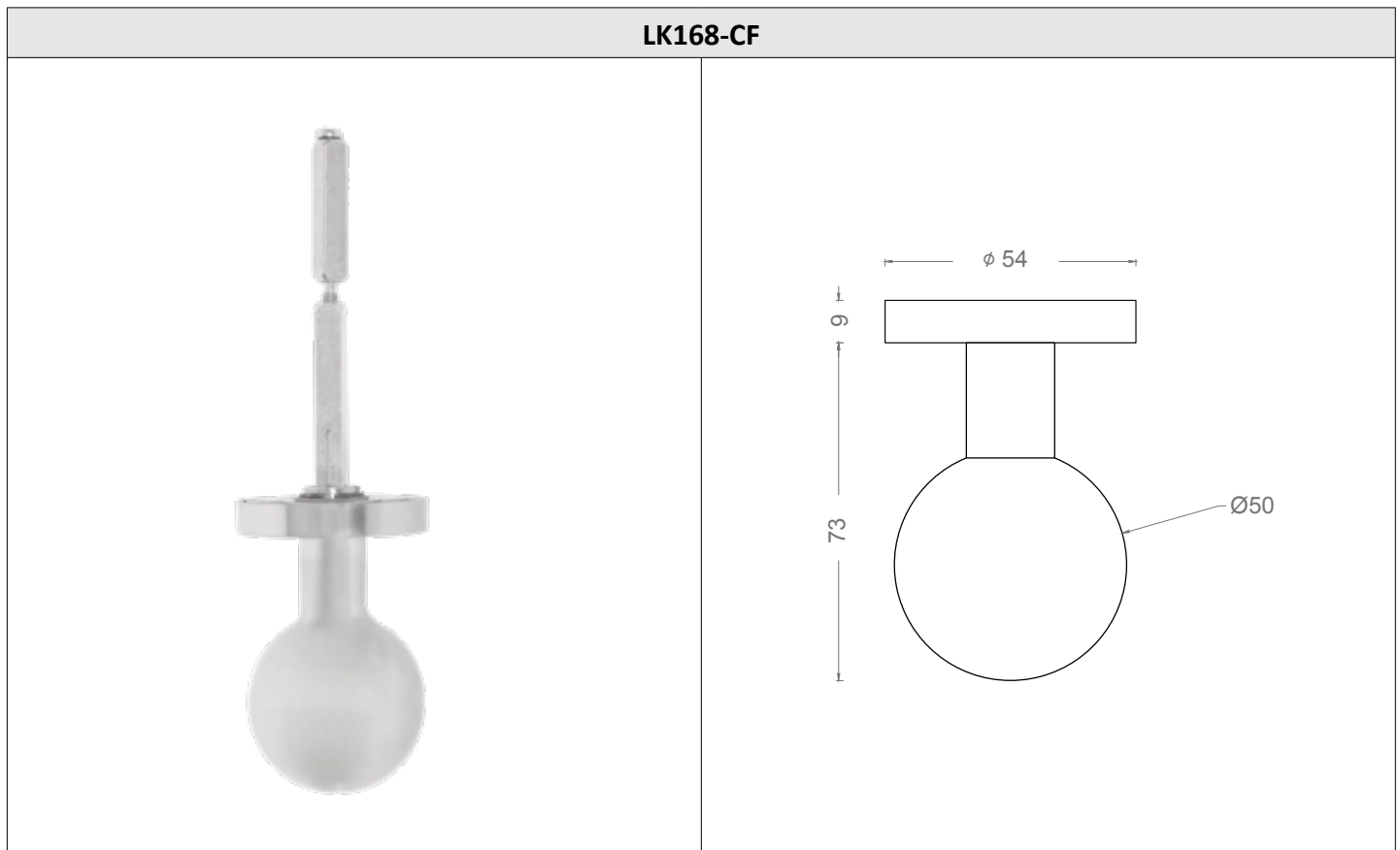
DT004		DT006	
			
DT008		DT010	
			
DT109 (ELECTRIFIED)		STRIKE PLATE FOR DOUBLE DOORS, SPD003-A	
			

ITEM CODE: D301X-CF & D306X-CF SERIES

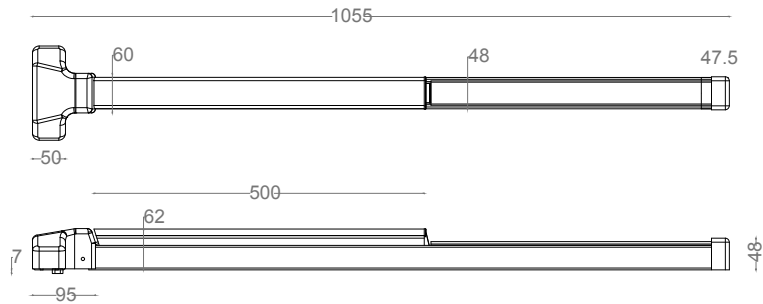
PANIC EXIT DEVICE WITH HALF TOUCH BAR & MORTISE CLASSROOM LOCK.

Features:

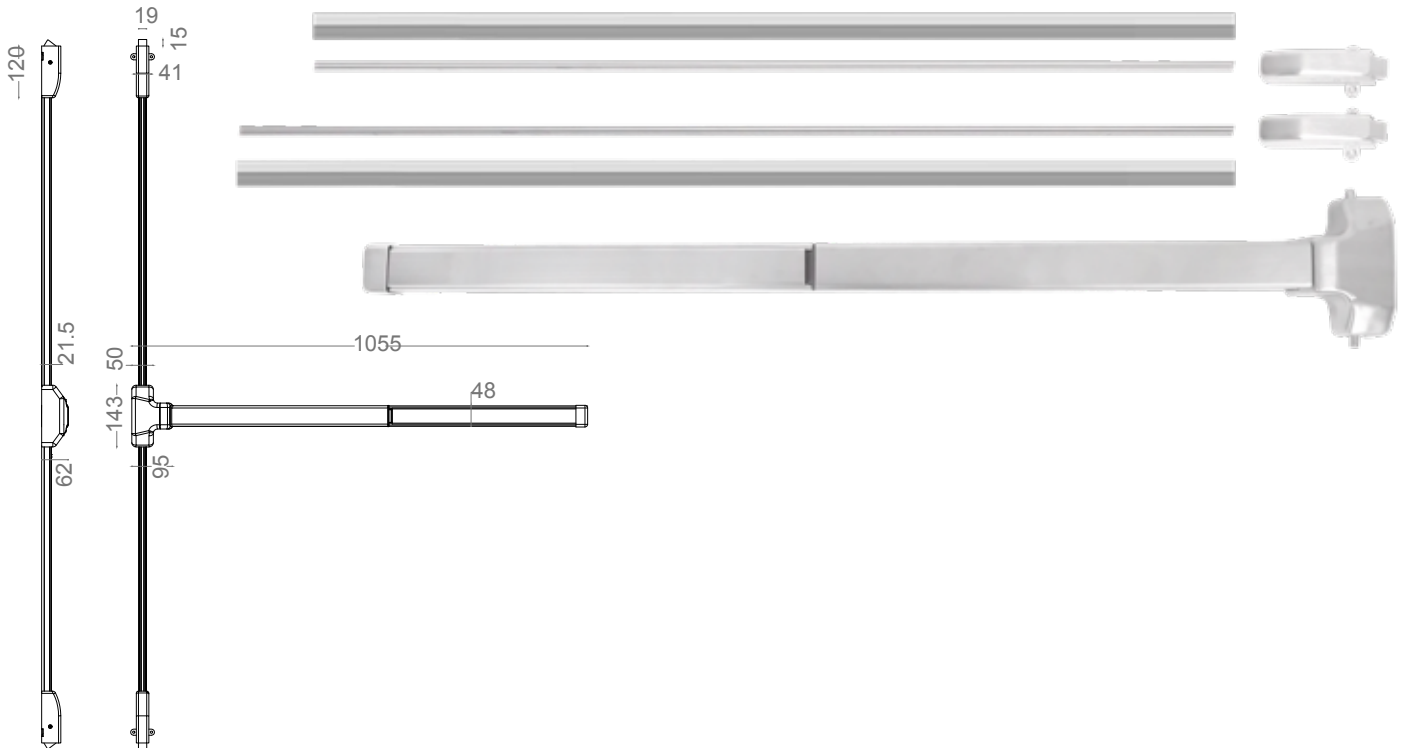
- Area of application: For single or double wooden and metal doors.
- Standard material:
 - o D301S-CF (Panic Latch Touch Bar): End cover, body cover, lock body, push bar and centre cover in stainless steel EN 1.4301 (type 304).
 - o D306S-CF (Panic Bolt Touch Bar): End cover, body cover, lock body, push bar, centre cover, top and bottom covers in stainless steel EN 1.4301 (type 304).
- One-locking point for D301S-CF (via mortise classroom lock) and two-point locking for D306S-CF.
- Suitable mortise locks for D301S-CF: refer to classroom locks L-8072 CR (DINR or DINL) or L-5572 CR (DINR or DINL) or electrified mortise lock EML-FSX. Sold separately.
- Single operation. Fully reversible.
- OAD (outside access device): DT112-8 series or LK168-CF (rotating knob). All outside trims are made in stainless steel EN 1.4301. Sold separately.
- Single cylinder, sold separately.
- Standard finish: Satin stainless steel (SSS). Other finishes are available upon request.



PANIC LATCH TOUCH BAR D301X-CF



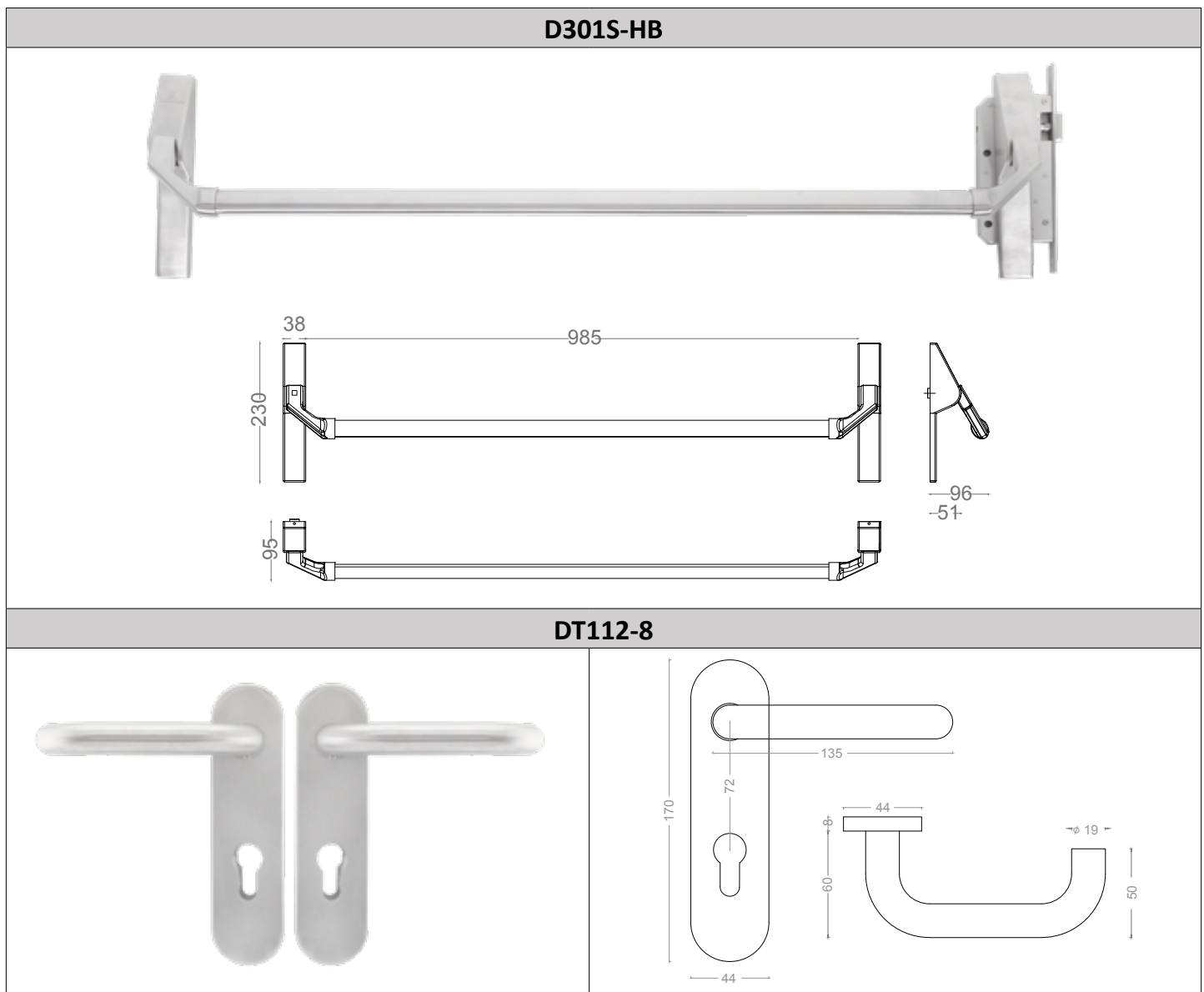
PANIC BOLT TOUCH BAR D306X-CF



**ITEM CODE: D301S-HB SERIES
HEAVY-DUTY STAINLESS STEEL PANIC BOLT PUSH BAR**

Features:

- Area of application: For single wood or metal doors.
- Material: Stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Suitable classroom mortise lock: L-5572 CR, L-8072 CR or mortise lock P-6572A. Sold separately.
- Outside trim DT112-8 (specify DIN left or DIN right) in SSS finish, sold separately.
- Single cylinder, sold separately.
- Optional stainless steel horizontal bar length 1050 mm, sold separately.
- Standard finish: Satin Stainless Steel. Other finishes are available upon request



ITEM CODE: PHBE

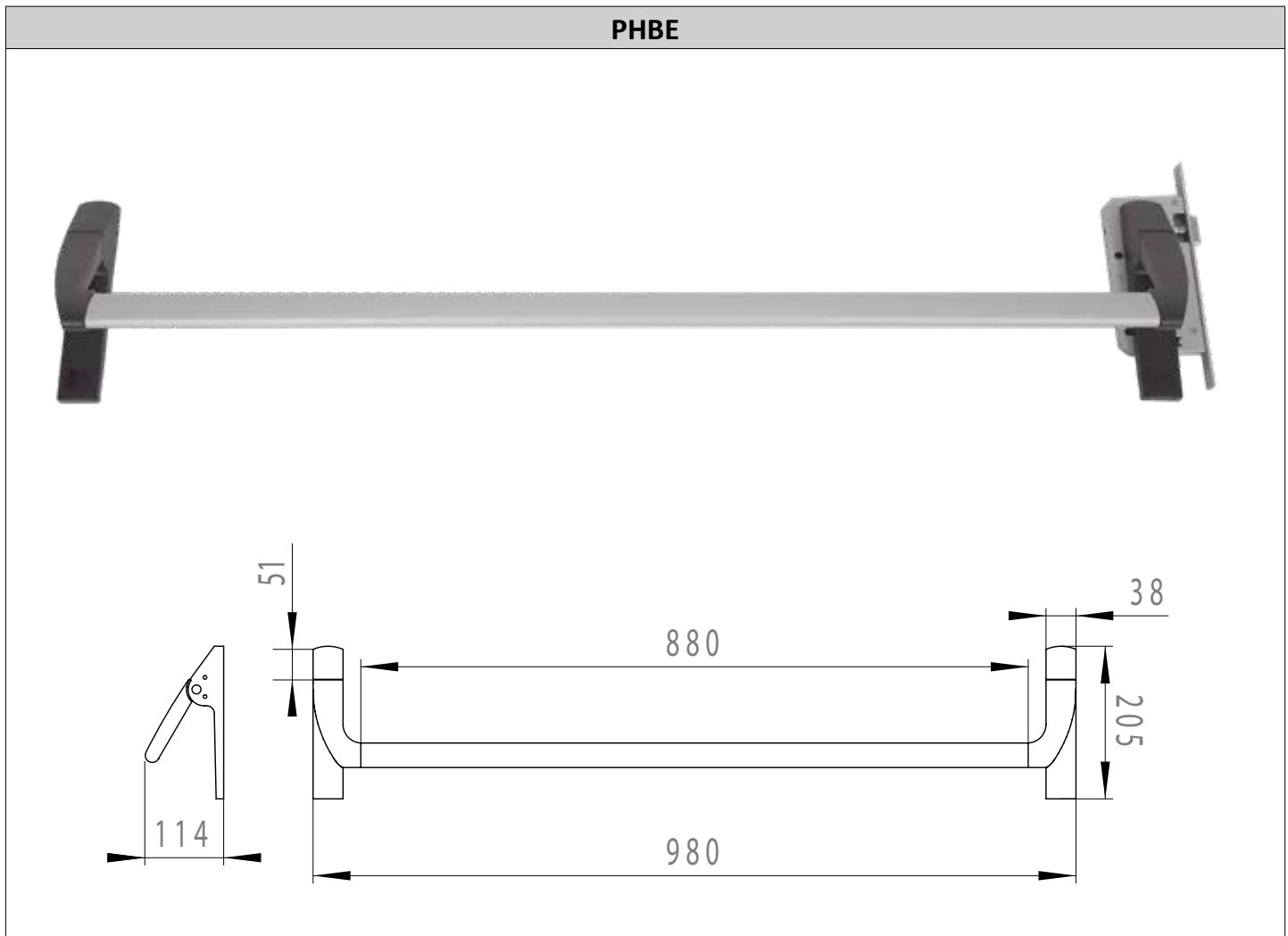
HEAVY-DUTY PANIC BOLT PUSH BAR

EN1634-1

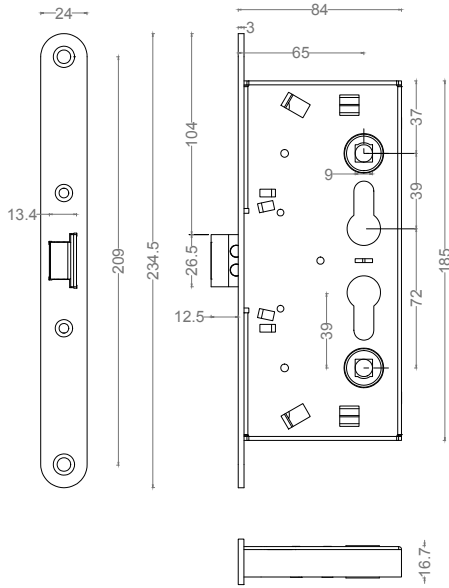


Features:

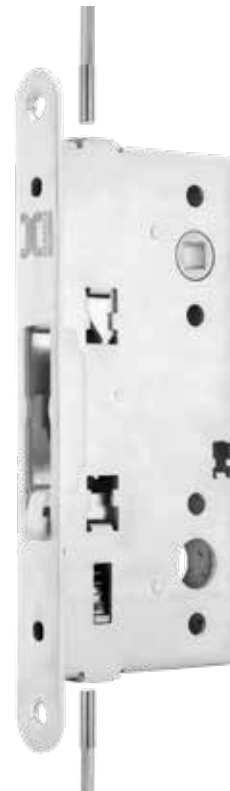
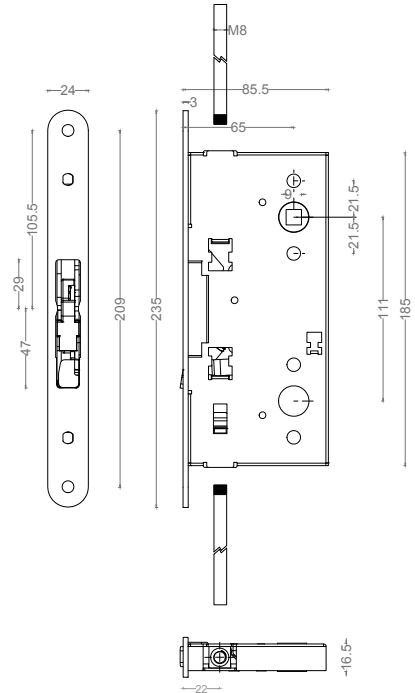
- Area of application: For single or double wooden and metal doors.
- Material: Push bar in Aluminium. Corrosion Resistant steel body.
- Suitable mortise locks: P-6572A for active leaf and P-65XXIN for inactive leaf. Optional L-8072 CR or L-5572 CR (for single leaf only). Sold separately.
- P-65XXIN will be supplied as complete set including concealed vertical rod and accessories.
- Universal handing.
- Outside trim DT112-8 (DIN left or DIN right), sold separately. Specify thickness of the doors while ordering.
- Single cylinder, sold separately.
- Tested successfully to EN 1634-1, 3 hours.
- Standard finish: Mortise locks in Satin Stainless Steel. PHBE in Black/aluminium finish. Other finishes are available upon request.



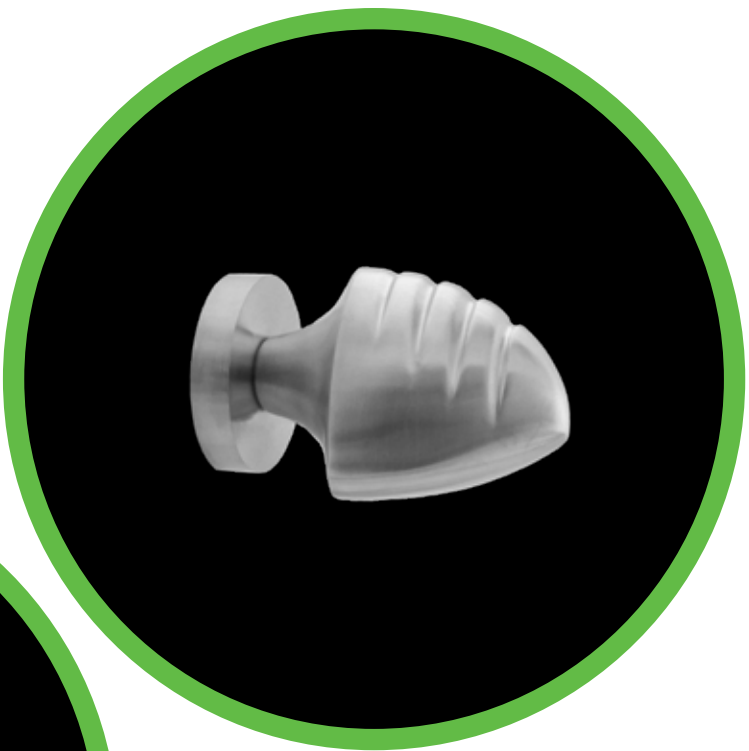
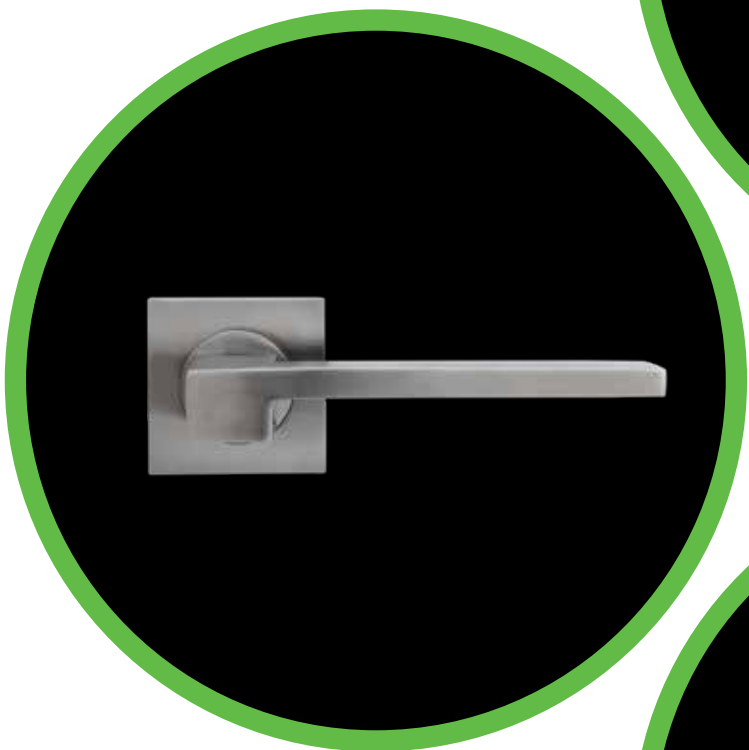
P-6572A



P-65XXIN



VR SET for P-65XX			






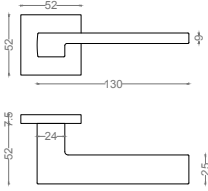
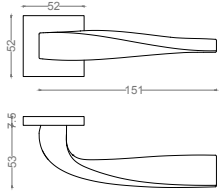
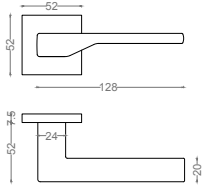



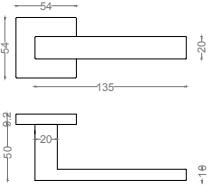
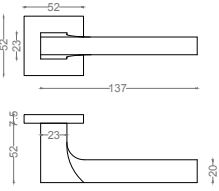
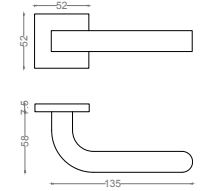



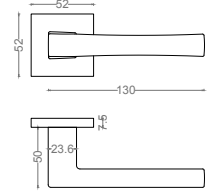
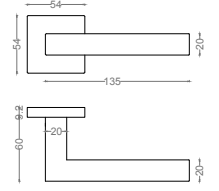
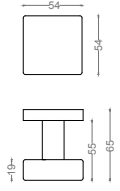
LEVER HANDLES EN

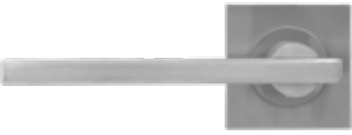

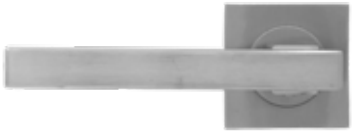
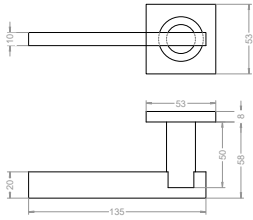
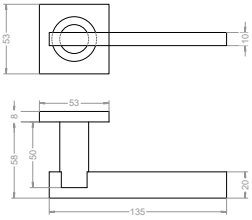
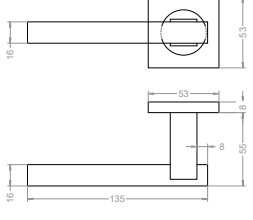

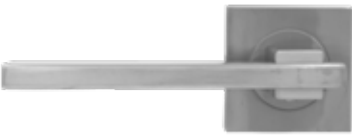

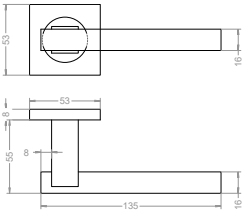
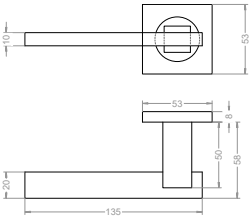
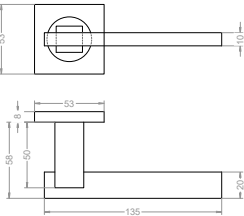



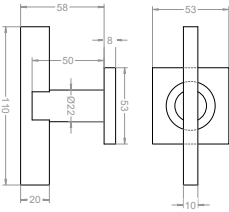
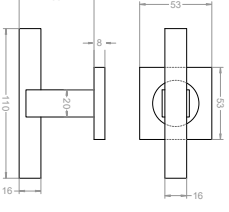
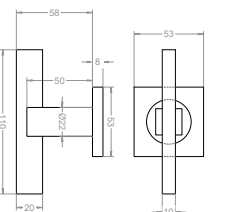
HOLLOW OR SOLID STAINLESS STEEL LEVER HANDLES ON ROUND OR SQUARE LEVER ROSE & CYLINDER ROSE.




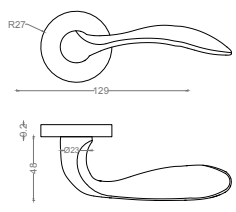
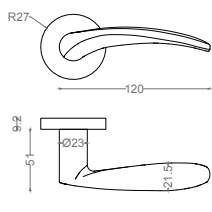
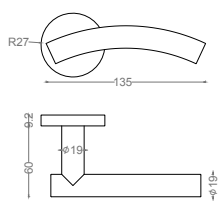



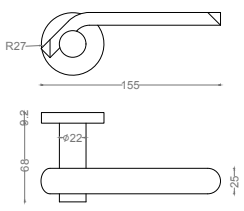
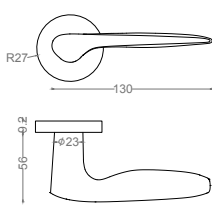
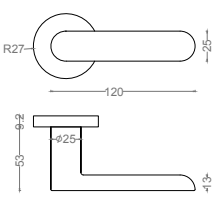



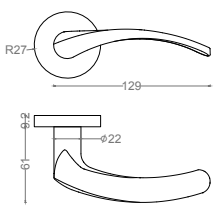
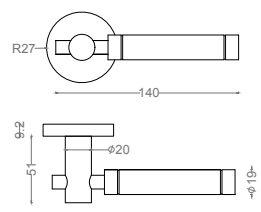
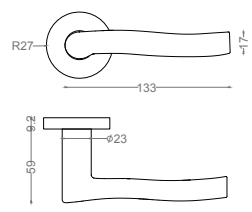
Features:



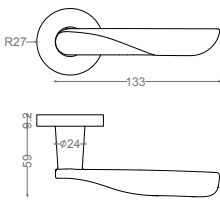
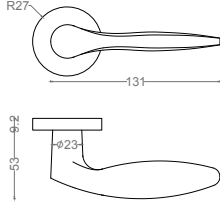
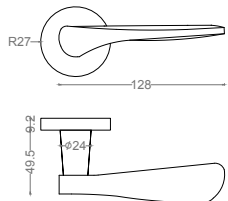
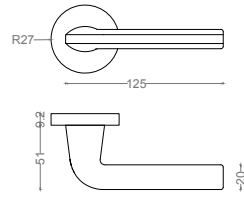


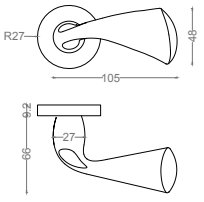
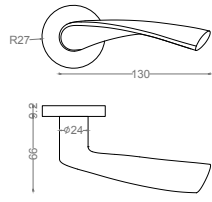
- Stainless steel lever handle set on lever rose with cylinder rose. Fully return spring assisted lever handle. The cylinder rose and lever rose features concealed fixing via an easy click.
- Material: stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Optional: Anti-bacterial coating.
- Door thickness: up to 50 mm (for doors thickness more than 50 mm please specify while ordering).
- Several options of cylinder rose types. Escutcheons/cylinder roses are supplied separately.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.




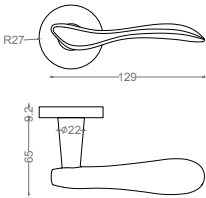
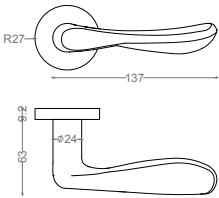
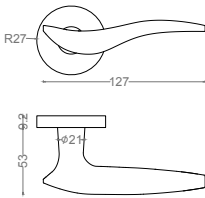



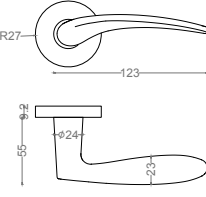
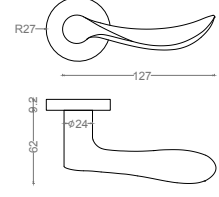
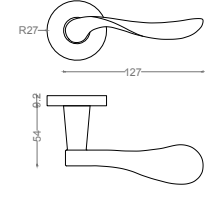



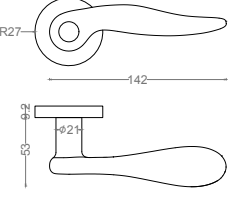
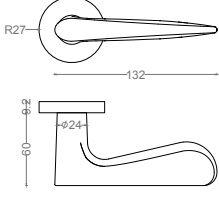
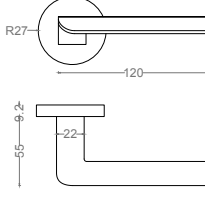
AVAILABLE FINISHES	
MATT BLACK/US10B	POLISHED STAINLESS STEEL
	
PVD SATIN BRASS	
	




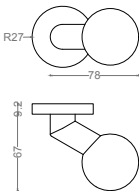
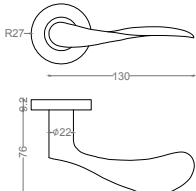
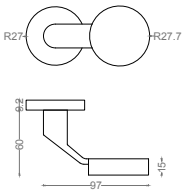



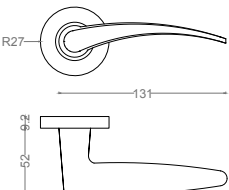
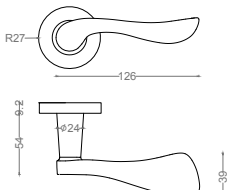
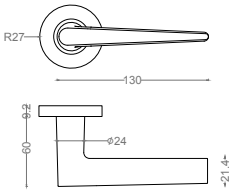



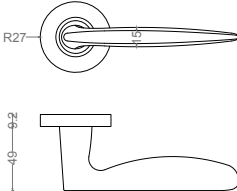
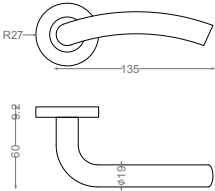
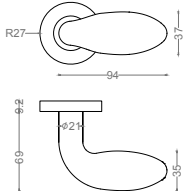
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HOLLOW – HT3008Q	SOLID – HS3028Q	SOLID – HS3036Q
		
		
SOLID – HS3044Q	HOLLOW – HH3043Q	HOLLOW – KH3047Q
		
		




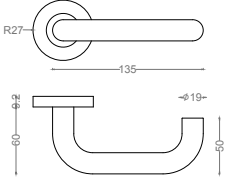
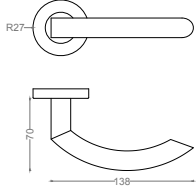
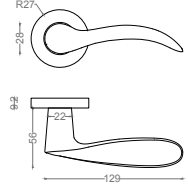



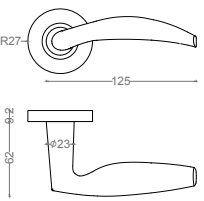
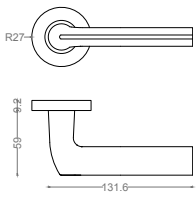
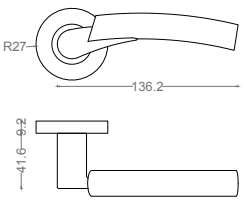



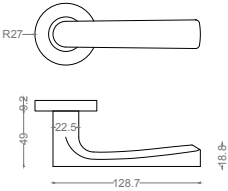
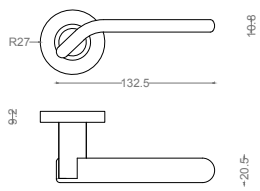
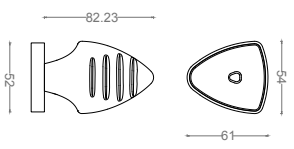
<p>H54-S-DINL SSS</p> 	<p>H54-S-DINR SSS</p> 	<p>H55-S-DINL SSS</p> 
		
<p>H55-S-DINR SSS</p> 	<p>H56-S-DINL SSS</p> 	<p>H56-S-DINR SSS</p> 
		
<p>THQ54-S SSS</p> 	<p>THQ55-S SSS</p> 	<p>THQ56-S SSS</p> 
		




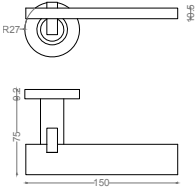
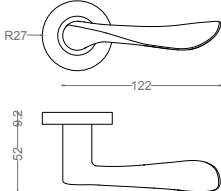
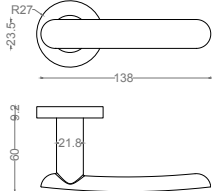



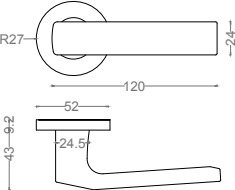
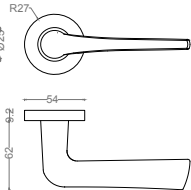
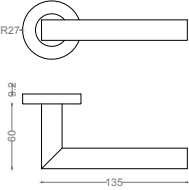



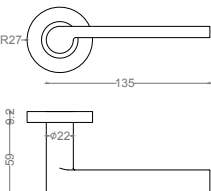
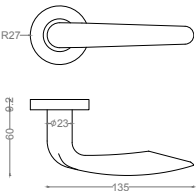
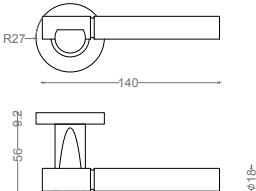
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SOLID - HS3009	SOLID - HS3010	SOLID - HS3011
		
		
SOLID - HS3012	SOLID - HS3013	SOLID - HS3014
		
		




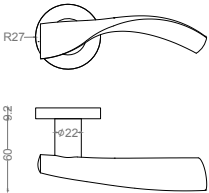
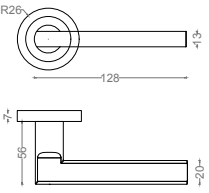
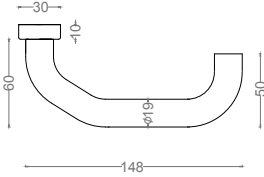



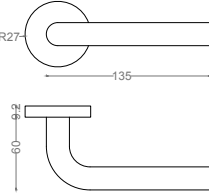
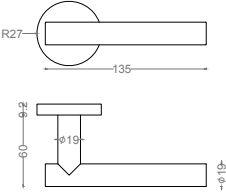
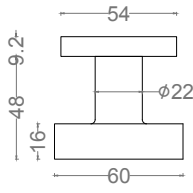


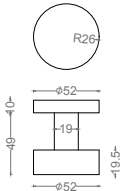
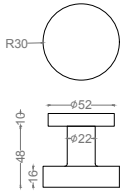
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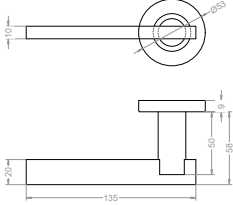
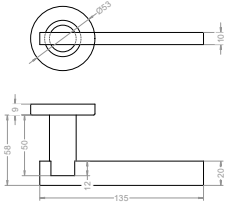
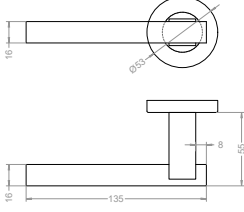



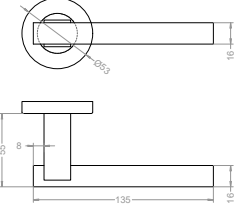
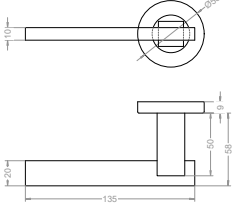
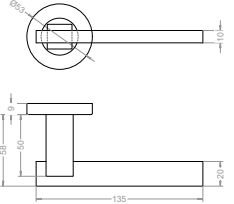



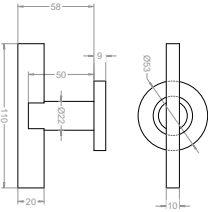
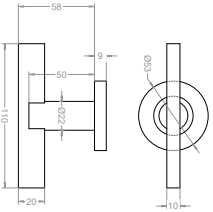
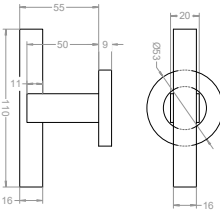
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SOLID – HS3032	SOLID – HS3033	SOLID – HS3035
		
		




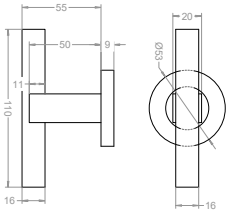
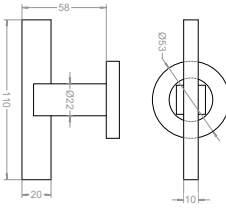
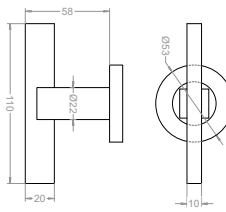
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SOLID – HS3041	SOLID – HS3042	SOLID – HS3059
		
		
SOLID - HS3066	HOLLOW - H04	SOLID – HS3046
		
		

HOLLOW – H01B01	HOLLOW – HL42	SOLID – HS3050
 <p>EN1634-1</p>		
		
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SOLID – HS3053	SOLID – HS3056	HOLLOW – KH3049
		
		



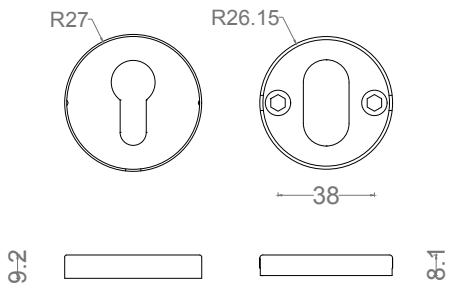


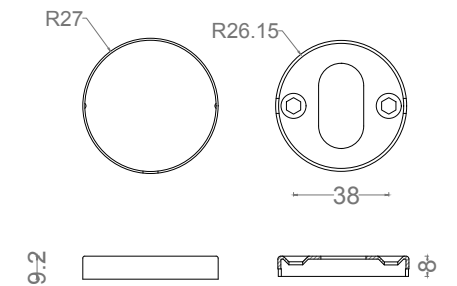


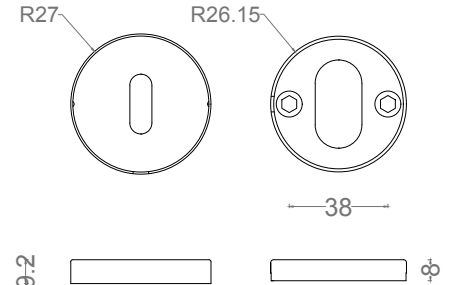


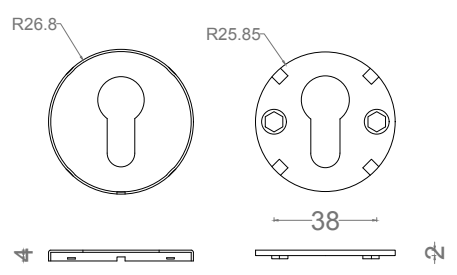
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SOLID – H60B01	HOLLOW – HT3067	SOLID – H16
		
		

SOLID – H61	SOLID - H34B01-E1 (Available with threaded rose and escutcheon)	HOLLOW - HT1036CR (Available with oval rose and escutcheon)
		
		
HOLLOW - H02B01	HOLLOW - HT2B01	HOLLOW – LK2X (ROTATING SPINDLE, FIXED KNOB)
		
		
HOLLOW – KH3006	SOLID – KS3030	
		
		

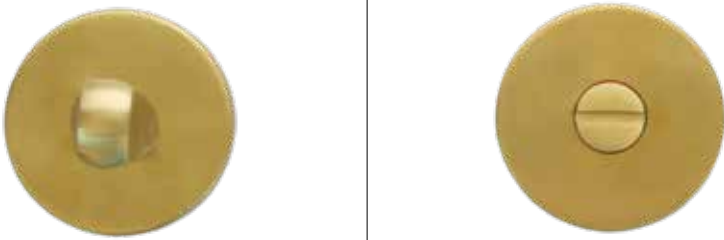
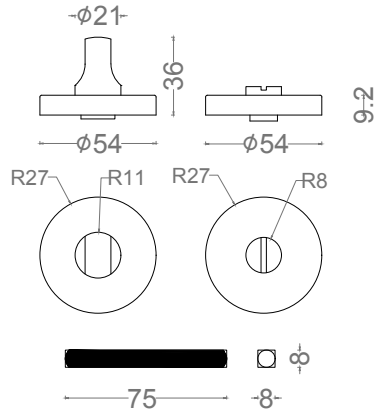
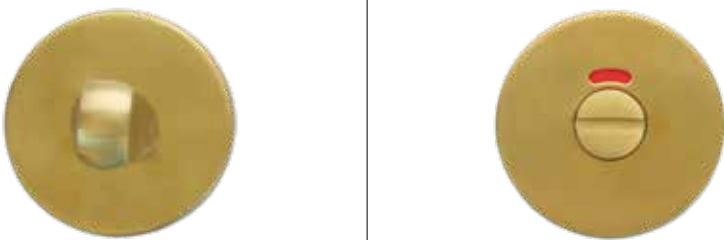
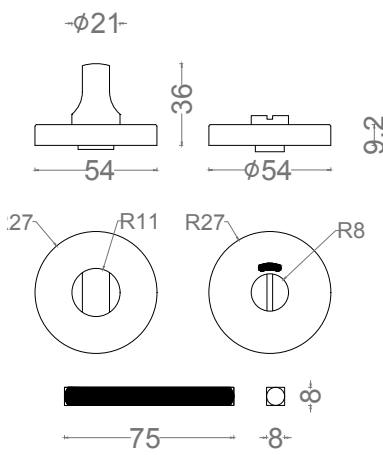
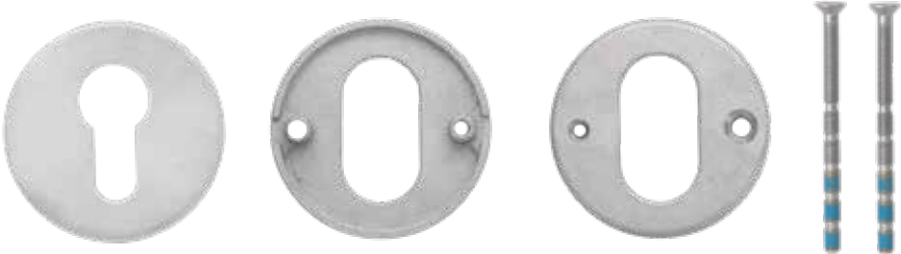
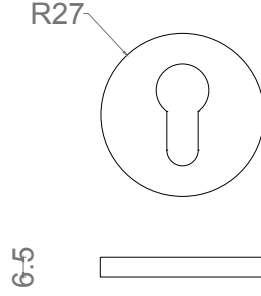
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THQ54-R-DINR SSS	THQ54-R-DINL SSS	THQ55-R-DINL SSS
		
		

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ITEM CODE: ESCUTCHEONS TYPES.

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		B01.E3
		
		B01.E1.4
		

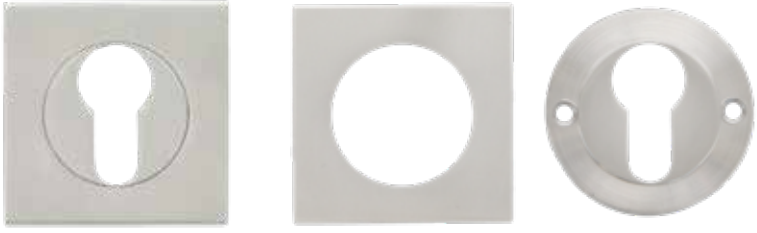
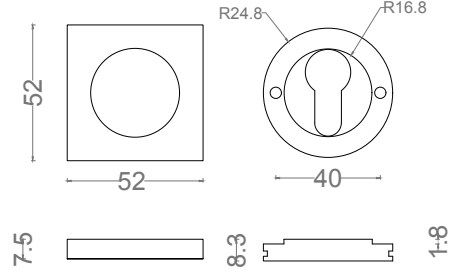
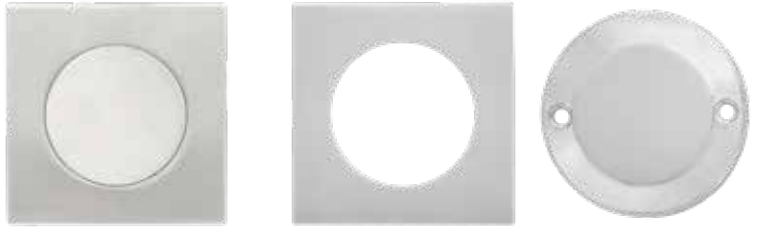
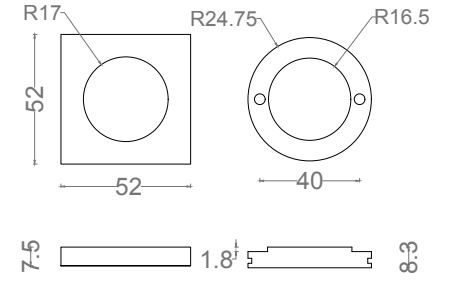


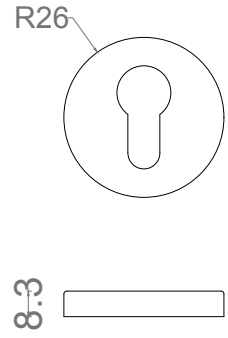
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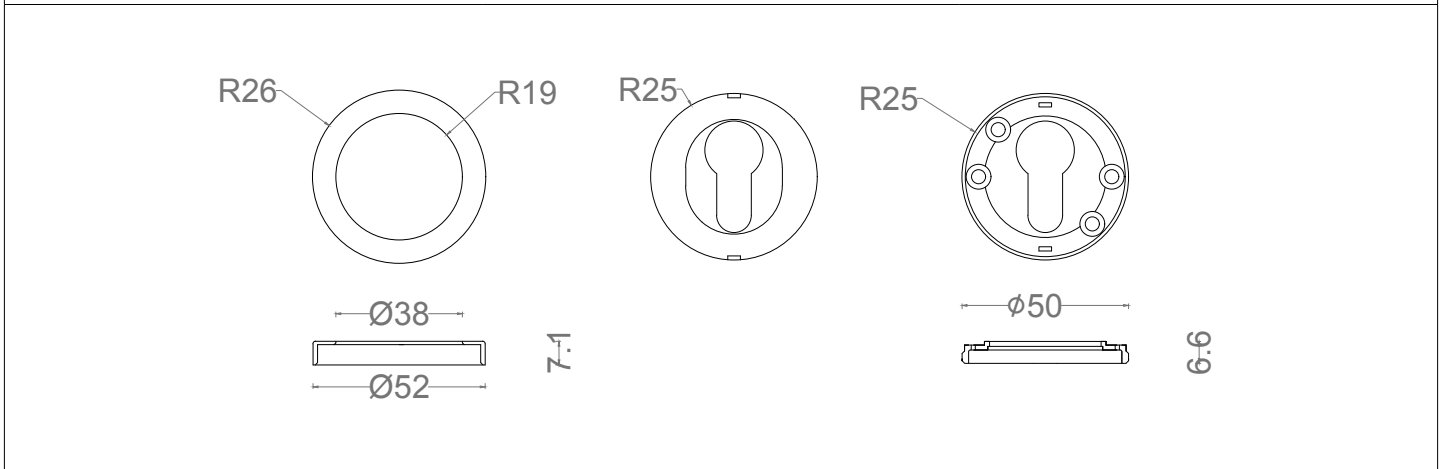
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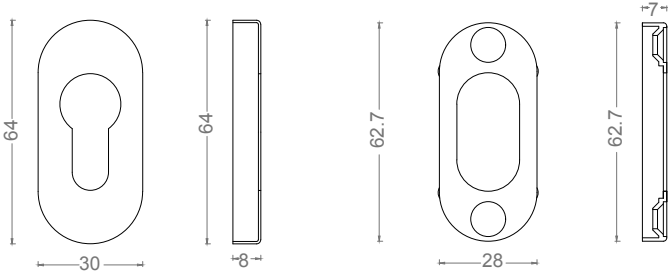

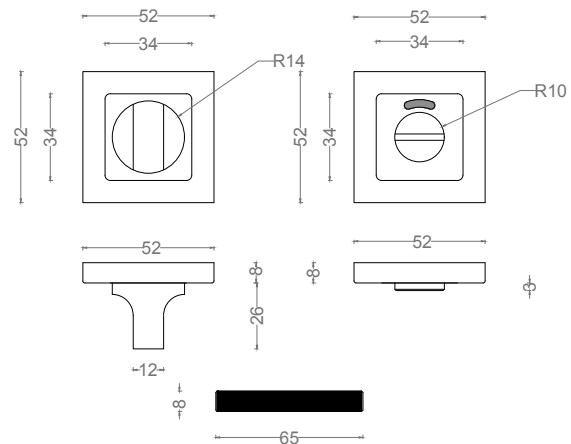

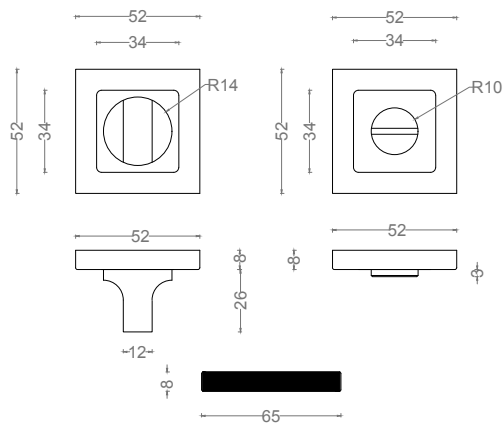
ITEM CODE: ESCUTCHEONS TYPES.

BS01Q.E1		
		
B01Q		
		
BA01.E1		
		

ITEM CODE: ESCUTCHEONS TYPES.



ITEM CODE: ESCUTCHEONS TYPES.

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ITEM CODE: ESCUTCHEONS TYPES.

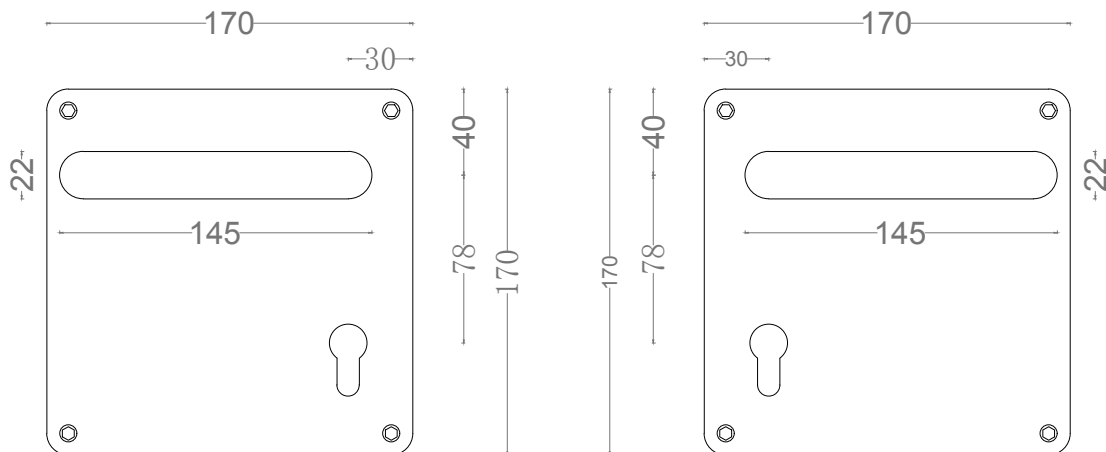
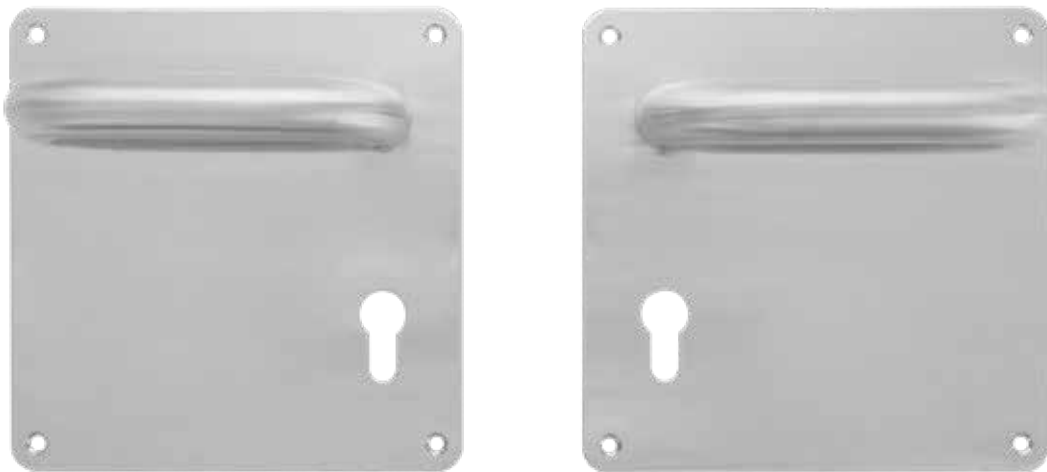
	T01B01-8
<p>Photographs showing six views of the T01B01-8 escutcheon: top, front, back, and three side views. A separate photograph shows the lever handle component.</p>	<p>Technical drawing of the T01B01-8 escutcheon and lever handle. The drawing includes: <ul style="list-style-type: none"> Top view of the escutcheon with radius R25.5. Front view of the escutcheon with radius R25.5. Back view of the escutcheon with radius R25.5. Side view of the escutcheon with radius R26. Technical drawing of the lever handle with dimensions: 7, 22, 31, 10, 50, 52, 58, 8, and diameter symbols ϕ. </p>
	T01E01-8
<p>Photographs showing six views of the T01E01-8 escutcheon: top, front, back, and three side views. A separate photograph shows the lever handle component.</p>	<p>Technical drawing of the T01E01-8 escutcheon and lever handle. The drawing includes: <ul style="list-style-type: none"> Top view of the escutcheon with radius R25. Front view of the escutcheon with radius R25. Back view of the escutcheon with radius R25. Side view of the escutcheon with radius R26. Technical drawing of the lever handle with dimensions: 7, 22, 10, 50, 52, 58, and diameter symbols ϕ. </p>

ITEM CODE: H01B32.E1

STAINLESS STEEL HOLLOW lever handle ON square backplate.

Features:

- Description: Stainless steel lever handle set on square backplate. Fully return spring assisted lever handle.
- Material: stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Door thickness: 35 mm to 70 mm (for doors thickness more than 70 mm please specify while ordering).
- 1 pair of lever handles on backplate 170 x 170 x 1.5 mm, 1 piece of 8 x 105 mm square solid spindle.
- 1 pc. of Allen key, 8 pcs wooden screws
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

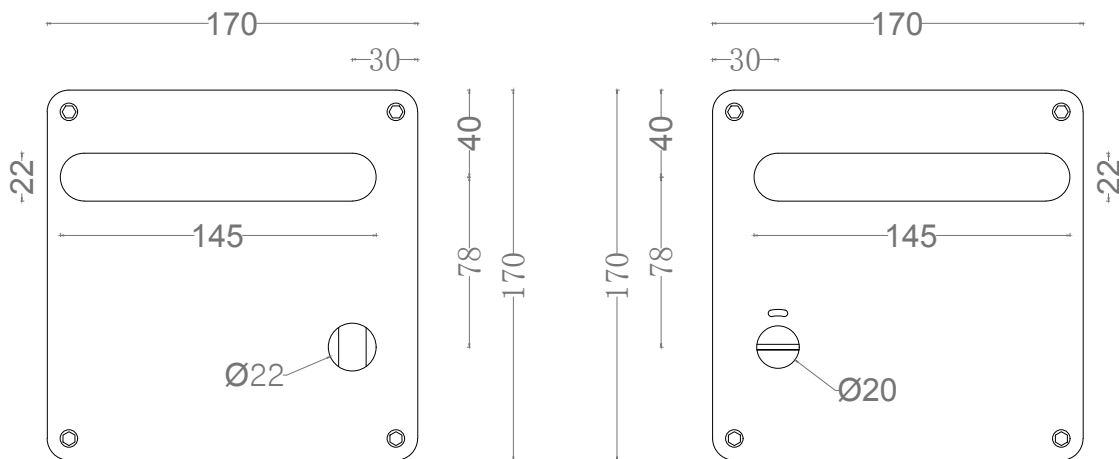
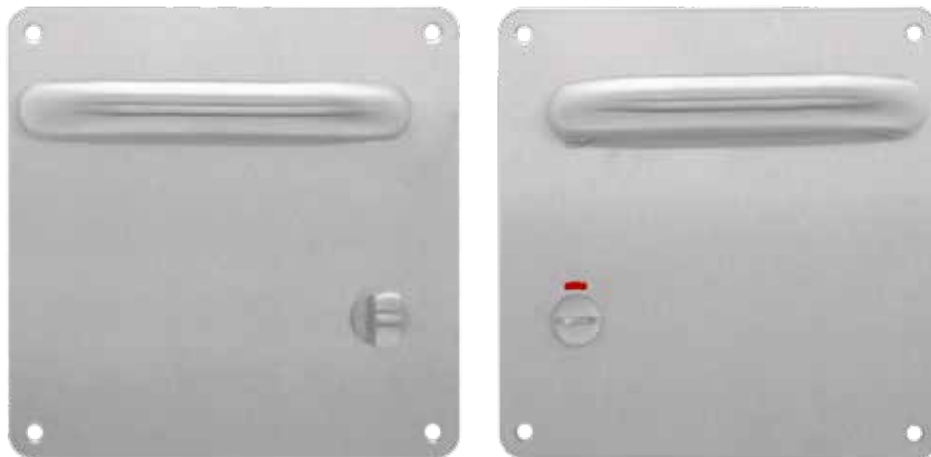


ITEM CODE: H01B03T1-78L

STAINLESS STEEL HOLLOW lever handle ON BACKPLATE.

Features:

- Description: Stainless steel hollow lever handle set on backplate 170 x 170 x 1.5 mm with turn and release & indicator. Fully return spring assisted lever handle.
- Material: stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Door thickness: 35 mm to 45 mm (for doors thickness more than 45 mm please specify while ordering).
- Centre to centre: 78 mm
- Left handed.
- 1 pair of lever handles dia. 22 x 145 mm, 1 piece of 8 x 58 mm square solid spindle.
- 1 pc. of Allen key, 8 pcs wooden screws
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

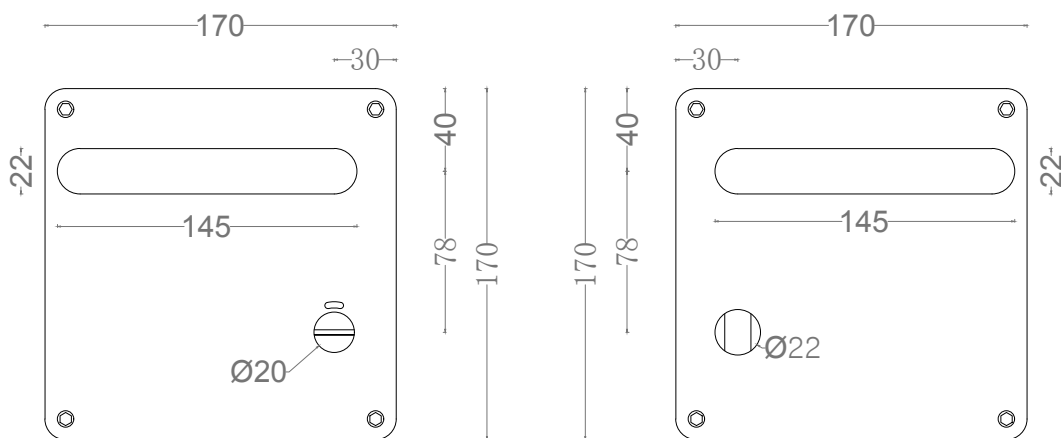
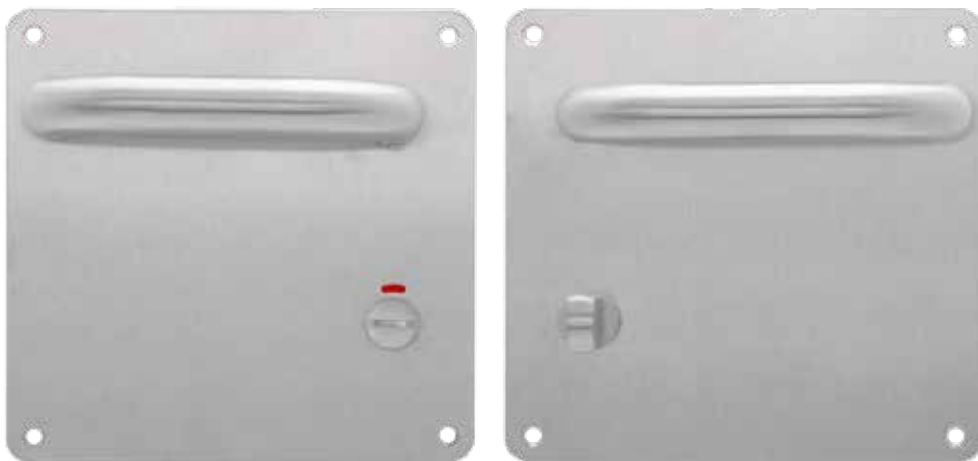


ITEM CODE: H01B03T1-78R

STAINLESS STEEL HOLLOW lever handle ON BACKPLATE.

Features:



- Description: Stainless steel hollow lever handle set on backplate 170 x 170 x 1.5 mm with turn and release & indicator. Fully return spring assisted lever handle.
- Material: stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Door thickness: 35 mm to 45 mm (for doors thickness more than 45 mm please specify while ordering).
- Centre to centre: 78 mm
- Right handed.
- 1 pair of lever handles dia. 22 x 145 mm, 1 piece of 8 x 58 mm square solid spindle.
- 1 pc. of Allen key, 8 pcs wooden screws
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.





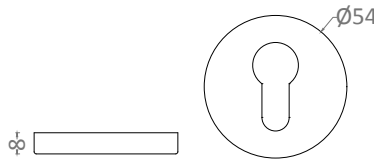
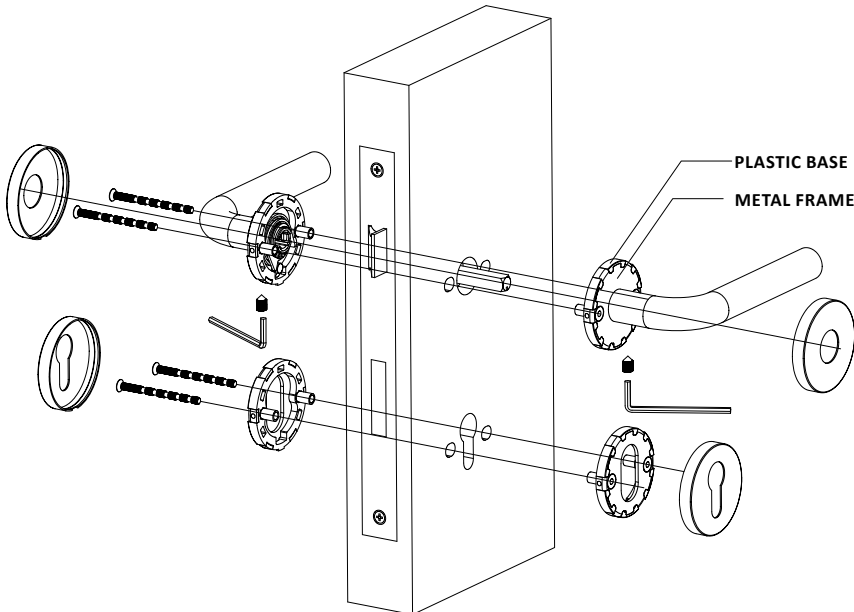
**LEVER HANDLES
GRADE 4 EN**

**ITEM CODE: HXXXXX-EN4L SERIES
GRADE 4 STAINLESS STEEL LEVER HANDLE**

EN1634-1  **4** 




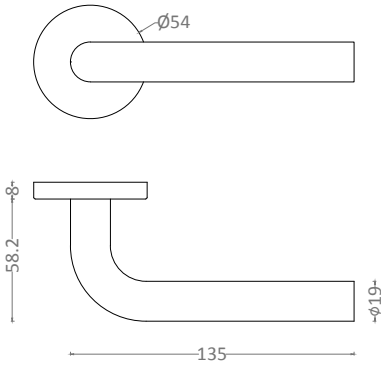
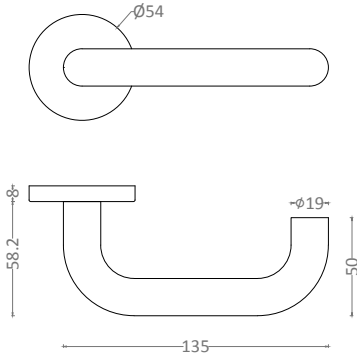
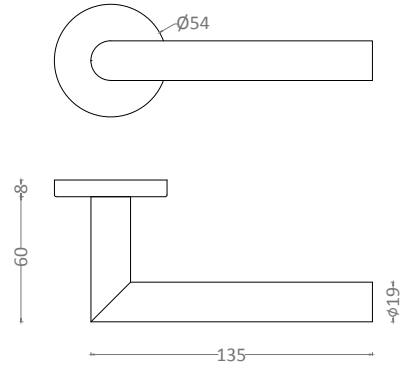



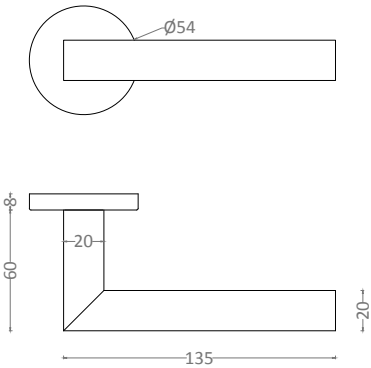
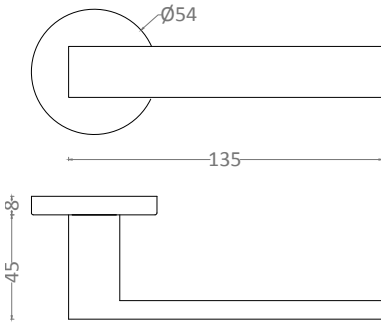
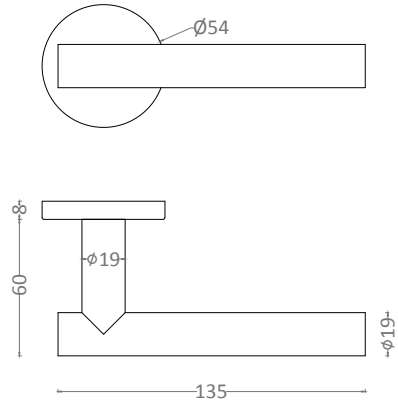
Features:




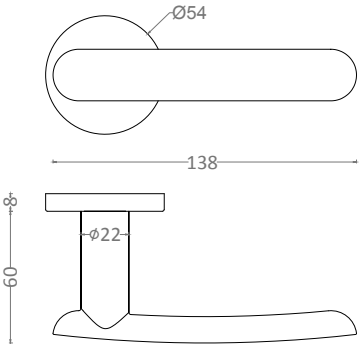
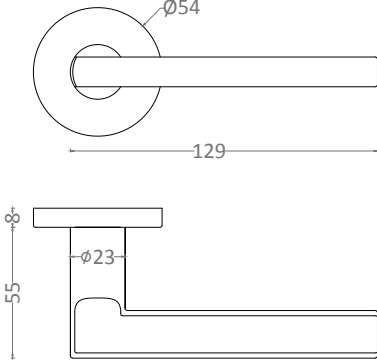
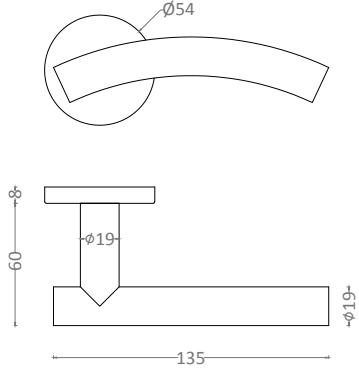


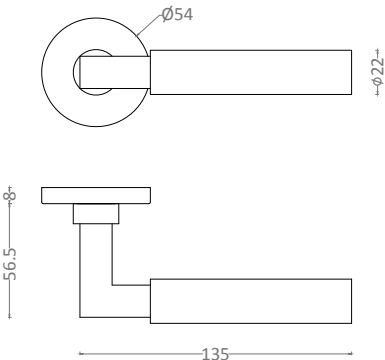
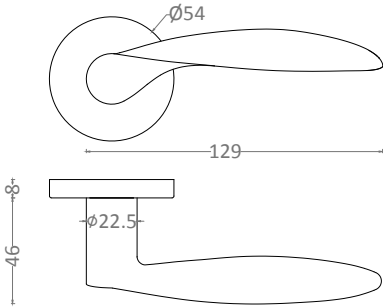
- Description: Solid or hollow Stainless steel lever handle set on round lever rose with Europrofile escutcheon. Fully return spring assisted, concealed fixing (escutcheon baseplate & lever rose).
- Material: Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Tested and certified to BS EN 1634-1: 2014+A1:2018 and BS EN 1906:2012.
- Standard finish: satin stainless steel (SSS). Other finishes are available upon request

LEVER HANDLE	
1 pair of stainless steel solid or hollow lever handle. 1 pair of stainless steel lever rose dia. 54 x 8 mm on plastic escutcheon baseplate.	1 pair of bolt through. 1 piece of square solid spindle 110 x 8 mm. 1 piece of Allen key 1 pair grub screws
STANDARD ESCUTCHEONS	
1 pair of stainless steel Europrofile cylinder rose dia 54 x 8 mm. 1 pair of plastic rose baseplate. 1 pair of bolt through. Available in round shape.	
	

CLASSIFICATION:

CATEGORY OF USE	DURABILITY	TEST DOOR MASS	FIRE RESISTANCE	SAFETY	CORROSION RESISTANCE	SECURITY	TYPE OF OPERATION
4	7	-	B	1	4	0	B

HOLLOW - H02B01-EN4L	HOLLOW - H01B01-EN4L	HOLLOW - HL2B01-EN4L
		
		
HOLLOW - HL2B01-EN4L-20	SOLID - HT3008-EN4L	SOLID - HT2B01-EN4L
		
		

SOLID – HS3052-EN4L	SOLID – H34B01-EN4L	HOLLOW – HT3007-EN4L
		
		
SOLID – HS3064-EN4L	SOLID – HS3062-EN4L	
		
		



ITEM CODE: DCP EUROPROFILE CYLINDERS SERIES

Features:

BS EN 1303:2015



- Europrofile 5 pins tumbler solid brass cylinders.
- Available application: double cylinder (DCP M-F series), single cylinder (DCP M-X series), single cylinder & turn (DCP P-F series) and coin & turn release bathroom cylinder (DCP P-BK).
- Unique keyway for all cylinders types: S26.
- Available in key different, Key alike, master keyed, grand master keyed or grand grand master keyed.
- Available in various lengths, symmetrical and assymetrical.
- Keys made in Brass material, Nickel plated finish. 3 keys are supplied as standard except for DCP P-BK.
- Cam 30° offset as standard design.
- Standard keyhead D08 (round hole) except keyway D70 (rectangular hole) for double cylinder with shorter lengths (e.g: 26/26 mm).
- Double cylinders (DCP M-F) and single cylinder & turn (DCP P-F) with length equal or below 70 mm are supplied with interrupted screw M5X70 in Nickel plated finish.
- All coin & turn release bathroom cylinder (DCP P-BK) are supplied with interrupted screw M5X70 in Nickel plated finish.
- Double cylinders (DCP M-F) with length greater than 70 mm and all single cylinder (DCP M-X) are supplied with interrupted screw M5X70 and un-interrupted screw M5x90 in the same packaging in Nickel plated finish.
- Double cylinders (DCP M-F) with shorter length are supplied with un-interrupted screw M5X40 in nickel plated finish.
- Anti-drill protection for DCP M-F, DCP M-X and DCP P-F.
- Durability passed: 100,000 cycles. Tested key related security: 19,532 minimum number of effective keys different. Passed attack resistance: Grade A. Tested and certified to BS EN1303:2015. Fire rated to EN 1634-1
- Standard finish: Satin Nickel (SN). Other finishes are available upon request.
- Classification:

CATEGORY OF USE	DURABILITY	DOOR MASS	FIRE RESISTANCE	SAFETY	CORROSION RESISTANCE AND TEMPERATURE	KEY RELATED SECURITY	ATTACK RESISTANCE
1	6	0	1	0	C	3	A

DCP M-F SERIES



DCP M-X SERIES



DCP P-F SERIES



DCP P-BK



ITEM CODE: DCP6P SERIES

BS EN 1303:2015 

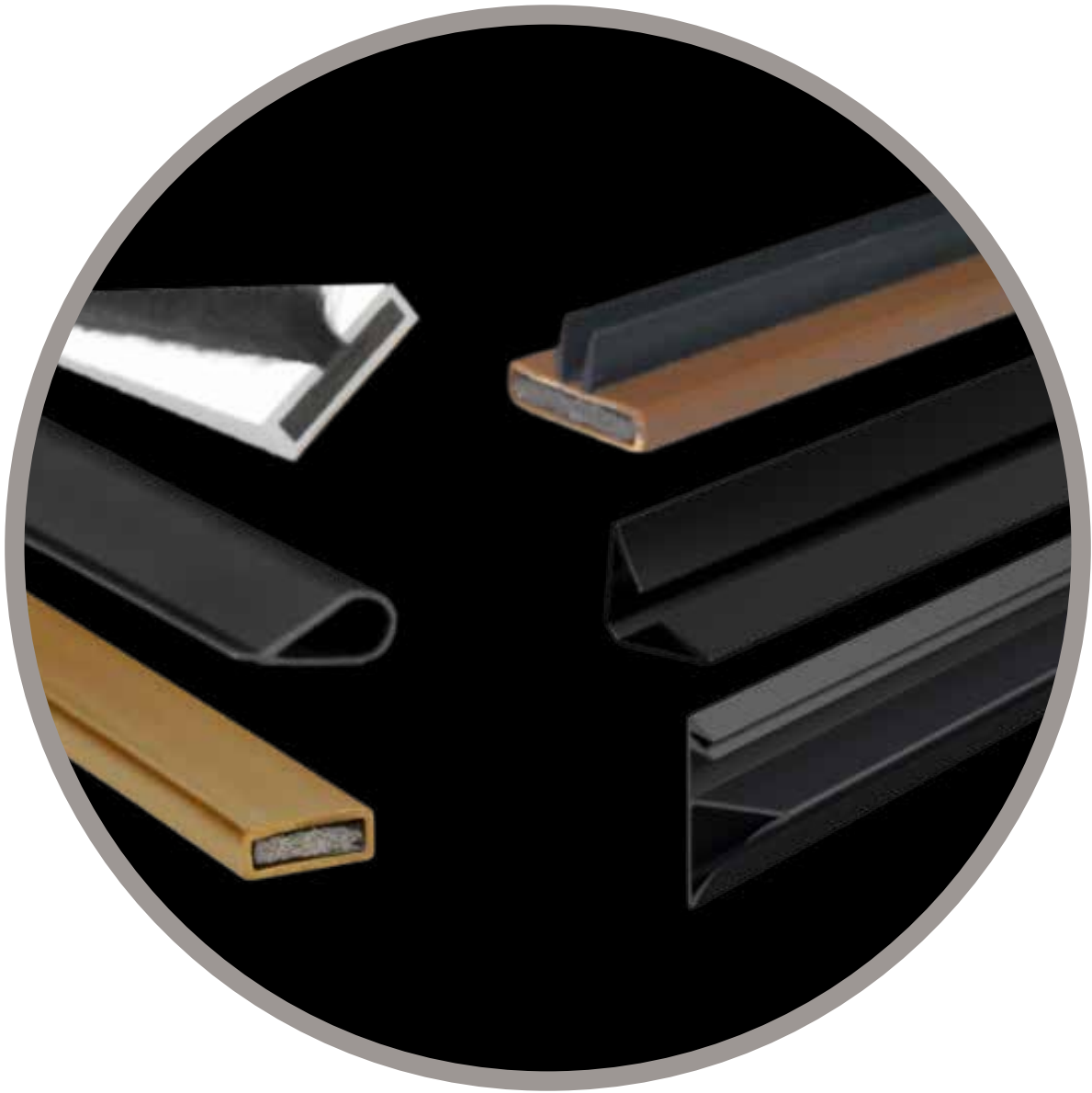
Features:

- Europrofile 6 pins tumbler solid brass cylinders.
- Available application: double cylinder (DCP6P M-F series), single cylinder (DCP6P M-X series), single cylinder & turn (DCP6P P-F series) and coin & turn release bathroom cylinder (DCP6P P-BK).
- Unique horizontal keyway.
- Available in key different, Key alike and Master key.
- Available in various lengths, symmetrical and assymetrical.
- Computer keys made in silver nickel. 5 keys are supplied as standard except for DCP6P P-BK.
- Cam 30° offset as standard design.
- Anti-drill protection for DCP6P M-F, DCP6P M-X and DCP6P P-F.
- Durability passed: 100,000 cycles.
- Anti-Snap, anti-pick, anti-bumping and key override function (Emergency function).
- Tested and certified to BS EN1303:2015.
- Standard finish: Satin Nickel (SN). Other finishes are available upon request.
- Classification:



CATEGORY OF USE	DURABILITY	DOOR MASS	FIRE RESISTANCE	SAFETY	CORROSION RESISTANCE AND TEMPERATURE	KEY RELATED SECURITY	ATTACK RESISTANCE
1	6	0	1	0	B	5	0

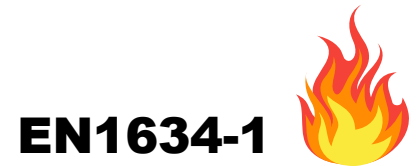




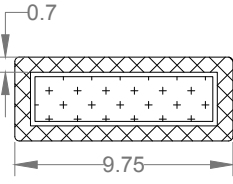
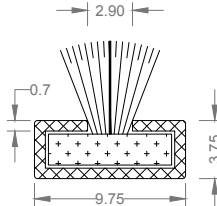
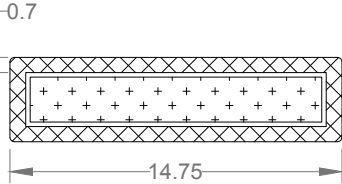
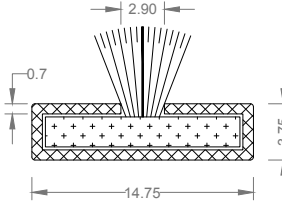
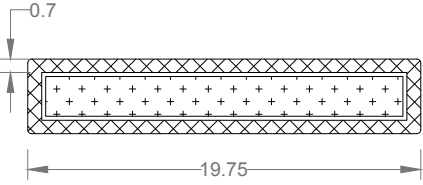
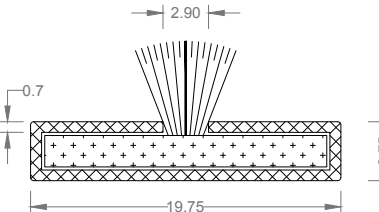
SEALS

ITEM CODE: DCIS series

Features:



- Intumescent seals
- Area of application: For wooden or metal doors
- Material: Intumescent fire seal in a rigid PVC casing for use on fire resisting doors and doors frames.
- Available: DCIS1040B or DCIS1040W (10x4 mm), DCIS1540B or DCIS1540W (15x4 mm) and DCIS2040B or DCIS2040W (20x4 mm).
- Available with brush (smoke resistance): DCIS1040BB or DCIS1040BW (10x4 mm), DCIS1540BB or DCIS1540BW (15x4 mm), DCIS2040BB or DCIS2040BW (20x4 mm).
- Location: Mortise into the doorframe and around stiles and head.
- Fixing: Self-adhesive.
- Approval: BS EN 1634-1: 2014
- Standard finish: Brown (B) and White (W). Other finishes are available upon request.

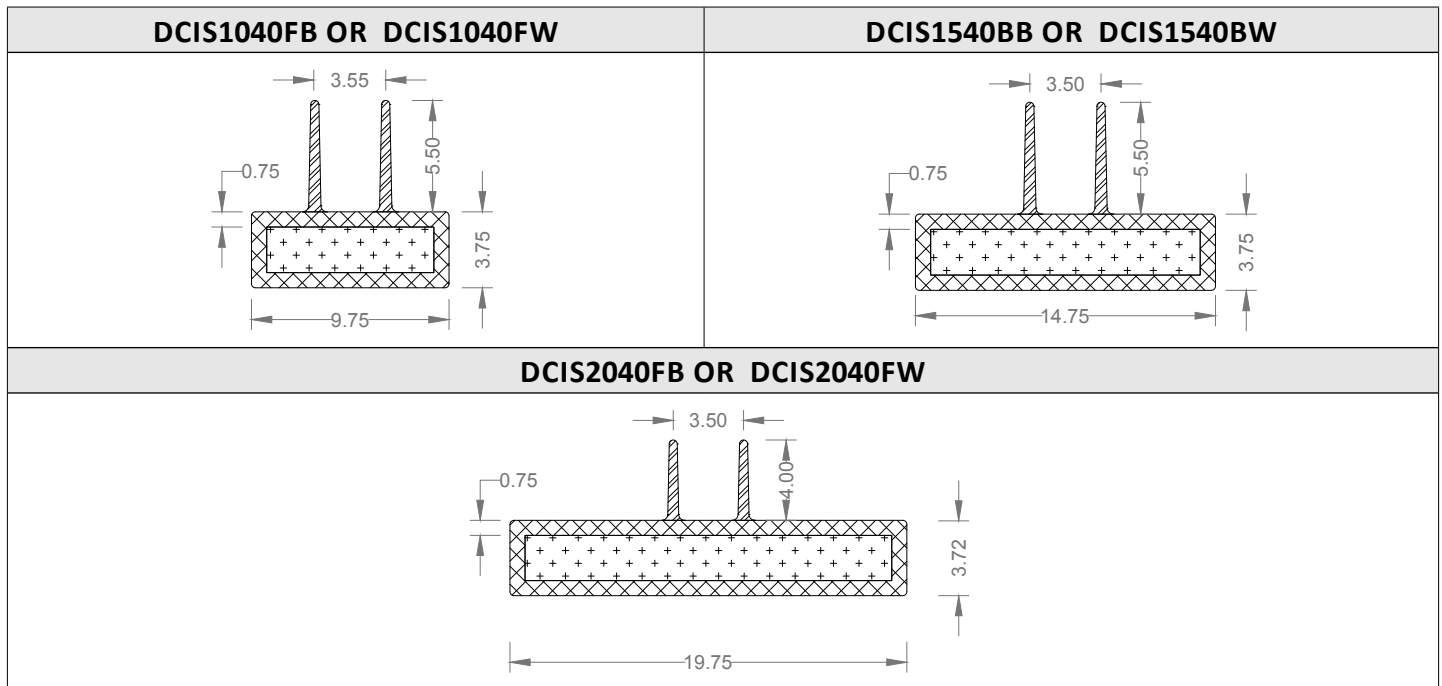
DCIS1040B OR DCIS1040W	DCIS1040BB OR DCIS1040BW
	
DCIS1540B OR DCIS1540W	DCIS1540BB OR DCIS1540BW
	
DCIS2040B OR DCIS2040W	DCIS2040BB OR DCIS2040BW
	

ITEM CODE: DCIS WITH FLIPPERS SERIES

Features:



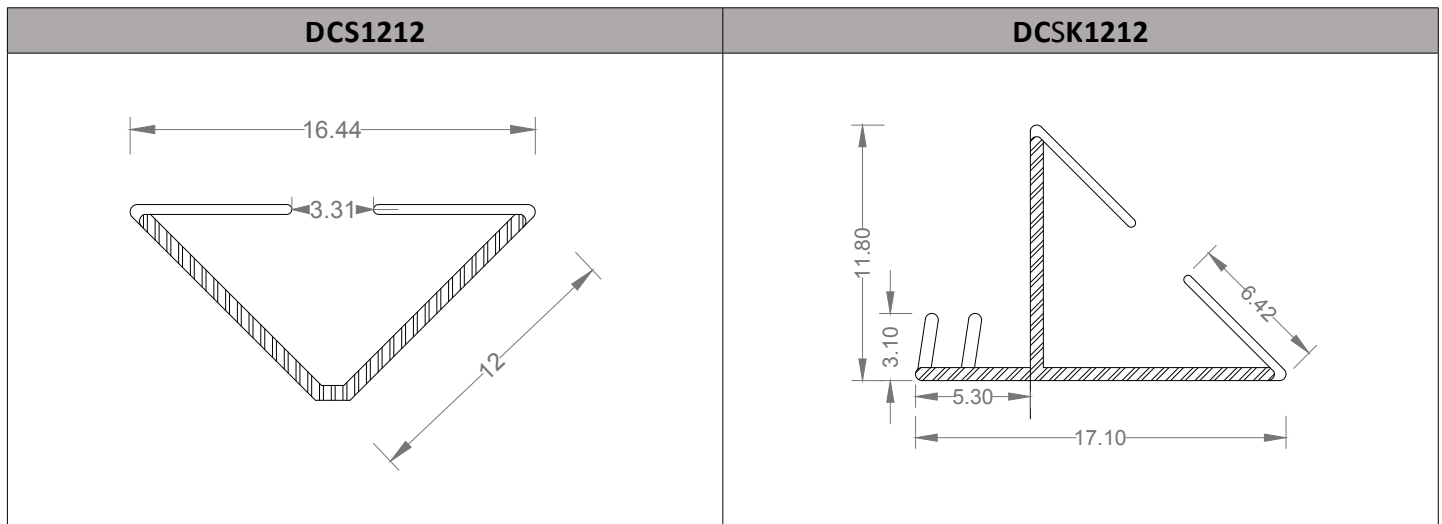
- Intumescent seals with double flippers
- Area of application: For wooden doors
- Material: Intumescent fire seal in a rigid PVC casing for use on fire, acoustic and smoke resistance doors and doors frames.
- Available: DCIS1040FB or DCIS1040FW (10x4 mm), DCIS1540FB or DCIS1540FW (15x4 mm) and DCIS2040FB or DCIS2040FW (20x4 mm).
- Location: Mortise into the doorframe and around stiles and head.
- Fixing: Self-adhesive.
- Approval: BS EN 1634-1: 2014
- Standard finish: Brown (B) and White (W). Other finishes are available upon request.




ITEM CODE: DCS & DCSK

Features:

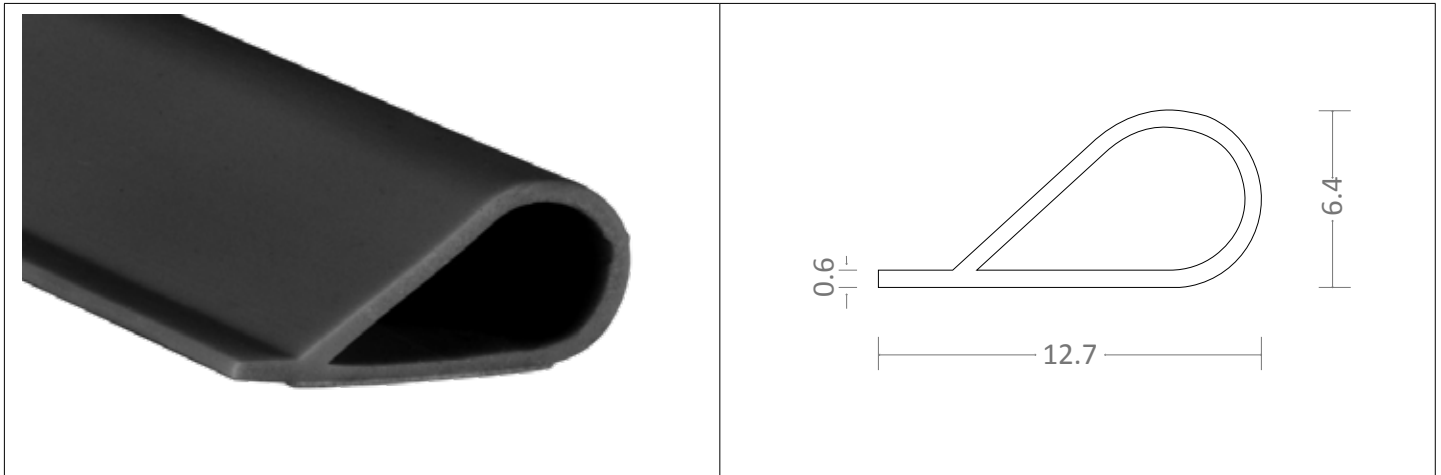
- Acoustic and smoke seals
- Area of application: For wooden or metal doors
- Material: Co-extruded PVC acoustic and smoke seals.
- Available: DCS1212 (2100 x 12 x 12 mm)
- Available with Push-in locking fit: DCSK1212 (2100 X 12 X 12 mm).
- Fixing: Self-adhesive (DCS1212) and Push-in (DCSK1212).
- Standard finish: Dark Brown (DB), White (W), Black (B), Light Brown (LB) and Clear (C).
- Other finishes are available upon request.

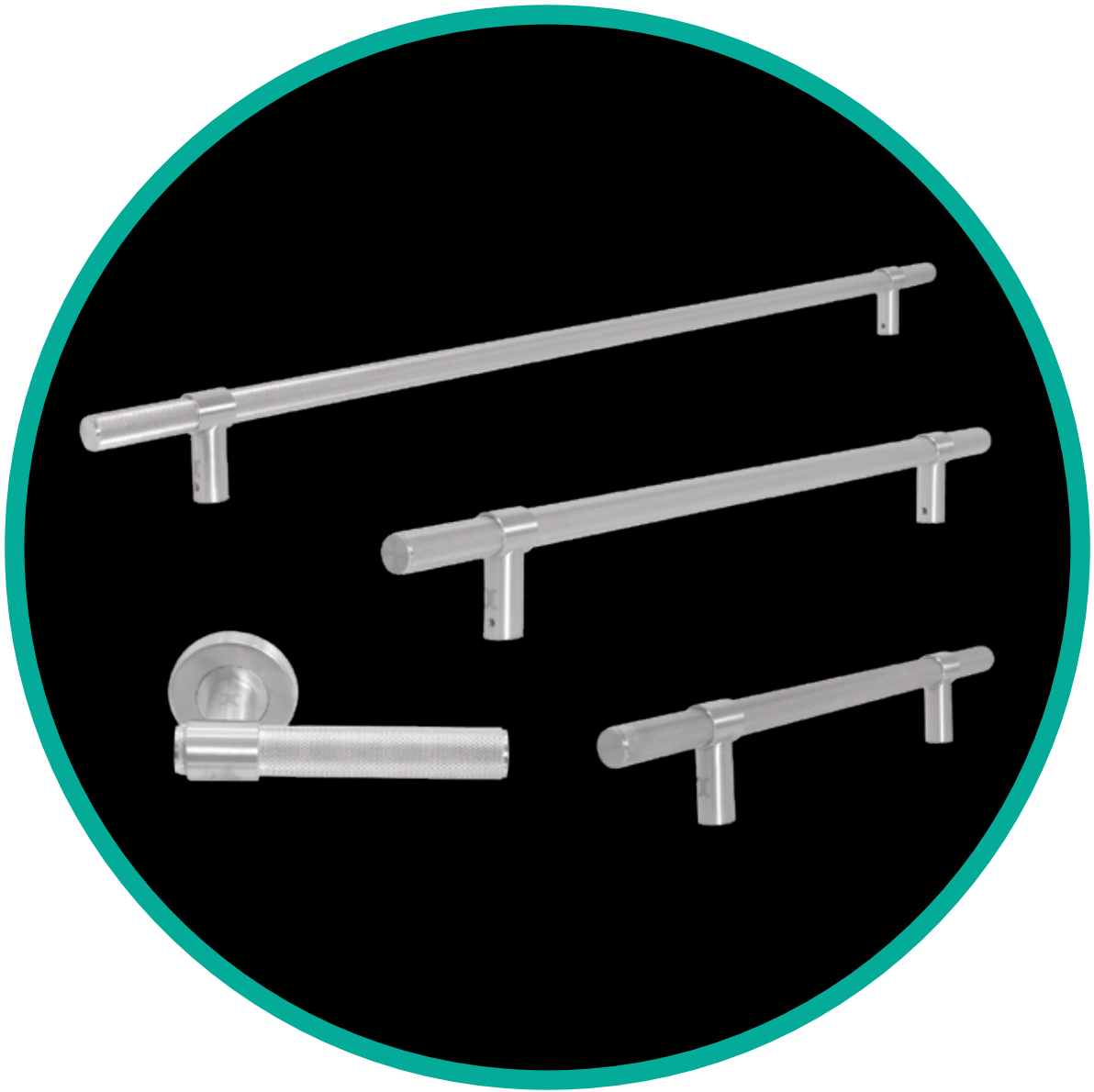


**ITEM CODE: DS88 SERIES
FIRE/SMOKE RESISTANT SILICONE GASKETS****EN1634-1** 
EN1634-3

Features:

- Area of application: For wooden or metal doors and windows.
- Material: Self Adhesive surface mounted Silicone fire/smoke gaskets.
- Standard finish: Black. Other finishes are available upon request.
- Location: head, strike and hinges jambs.
- Excellent elasticity and compression, tear and wear, aging resistant.
- Tested successfully to EN 1634-1 (4 hours) and EN 1634-3.
- Available in 50 meters per roll





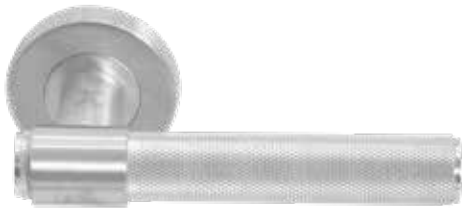

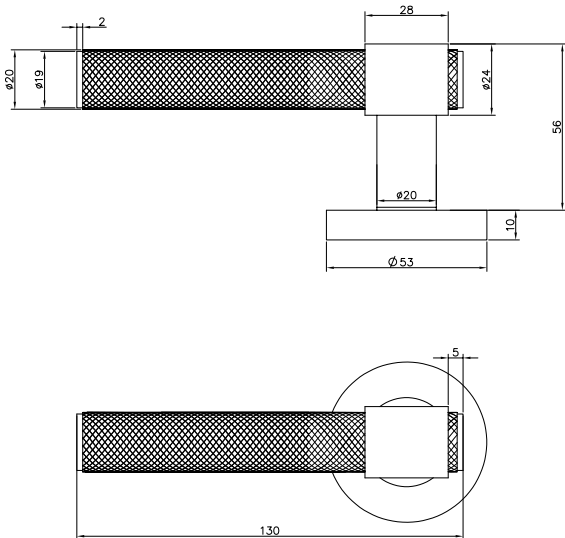
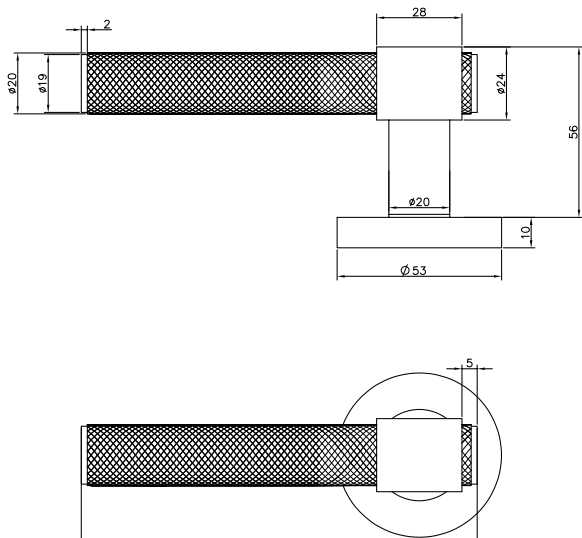
**KNURLED PULL & LEVER
HANDLES**

ITEM CODE: LHKT-1

KNURLED SOLID STAINLESS STEEL LEVER HANDLES ON ROUND LEVER ROSE & CYLINDER ROSE.

Features:


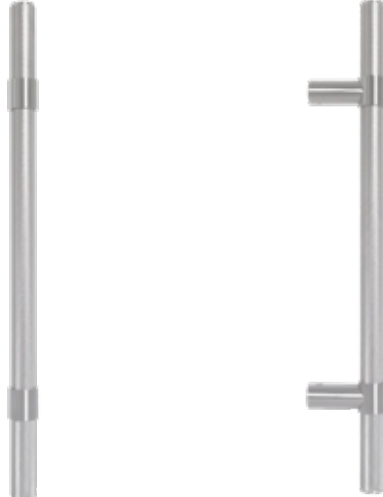
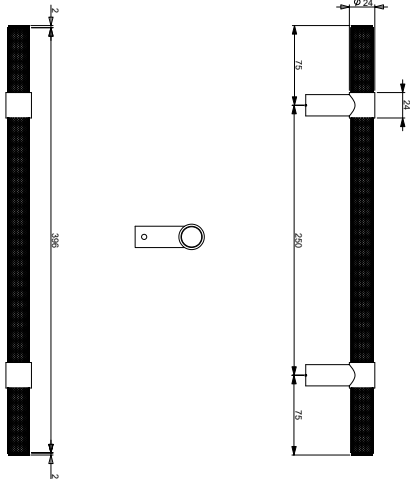
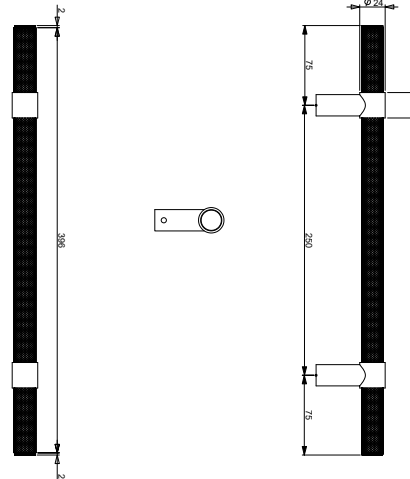
- Solid Stainless Steel Fully return spring assisted lever handle set on lever rose with cylinder rose.
- The cylinder rose and lever rose features concealed fixing via an easy click.
- Material: stainless steel EN 1.4301 (type SUS304), optional in EN 1.4401 (type SUS316).
- Door thickness: up to 50 mm (for doors thickness more than 50 mm please specify while ordering).
- Standard finish: Satin Stainless Steel (SSS) and Matt Black. Other finishes are available upon request.

LHKT-1 SSS	LHKT-1 MATT BLACK
	
	

**ITEM CODE: DPHK & DPHKUD SERIES
KNURLED SOLID PULL HANDLES**

Features:

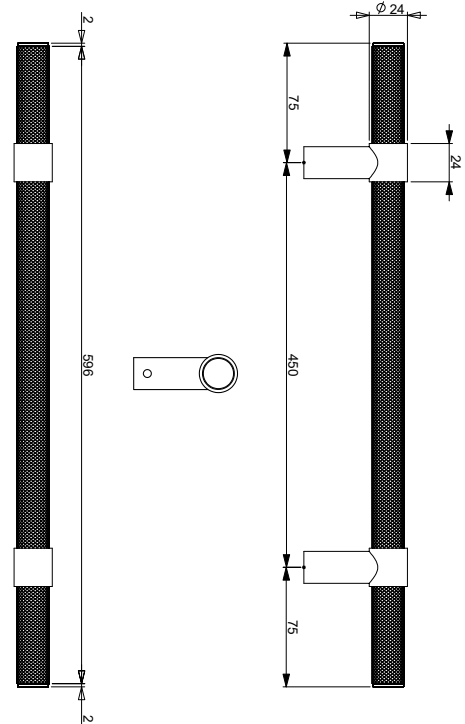
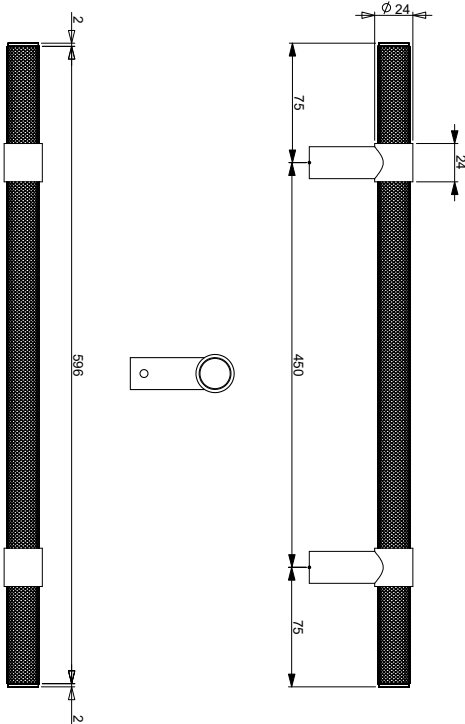
- Area of application: for wood, steel or glass doors
- Material: Solid Stainless Steel EN 1.4301 (type SUS304). Optional: Stainless steel EN 1.4401 (type SUS316).
- Available in round design.
- Accessories are available in back-to-back or concealed fixing.
- Standard available lengths: 900 mm (C/C 750 mm), 600 mm (C/C 450 mm) and 400 mm (C/C 250 mm).
Optional lengths are available upon request.
- Standard finish: Satin Stainless Steel (SSS) and Matt Black. Other finishes are available upon request.

DPHK24X400 MATT BLACK	DPHK24X400 SSS
	
	

DPHK24X600 MATT BLACK



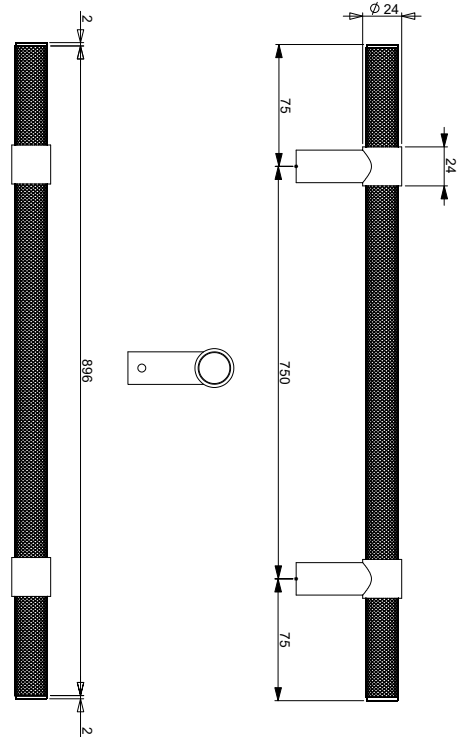
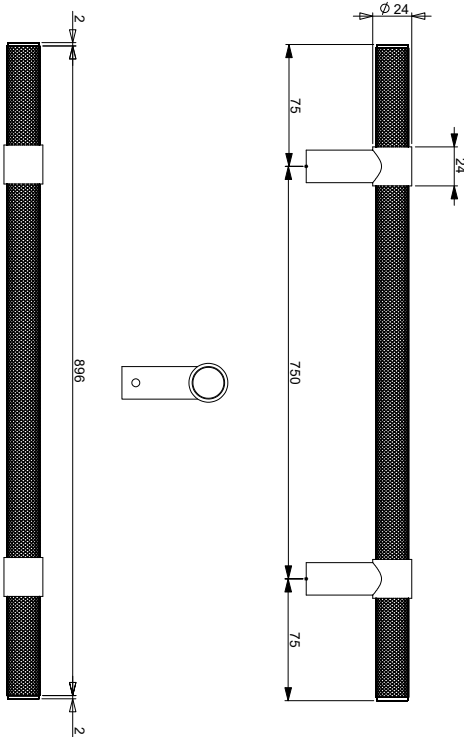
DPHK24X600 SSS



DPHK24X900 MATT BLACK



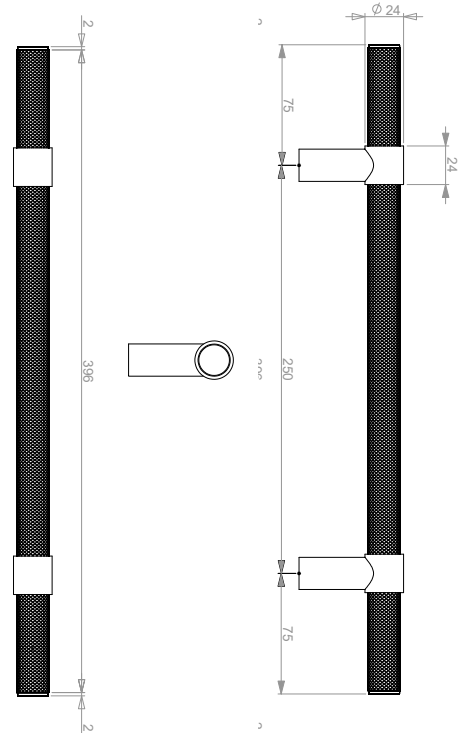
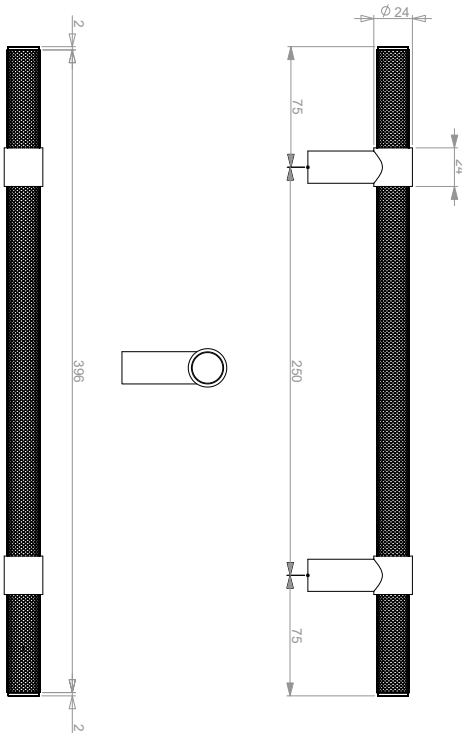
DPHK24X900 SSS



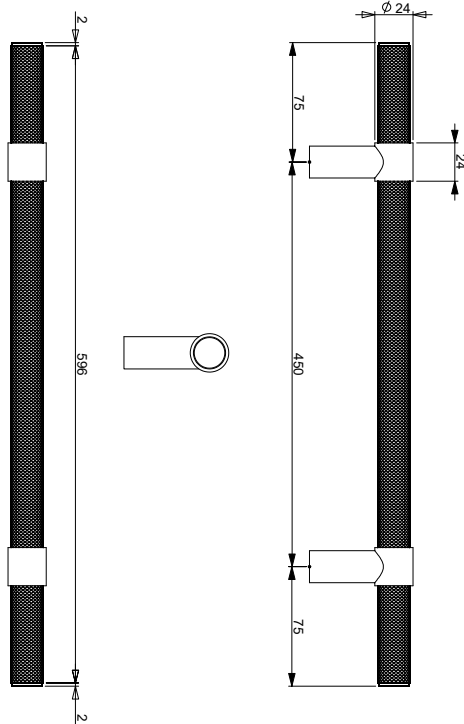
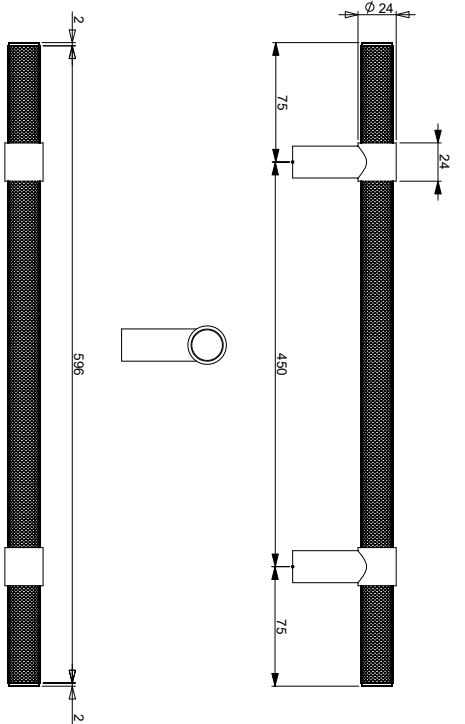




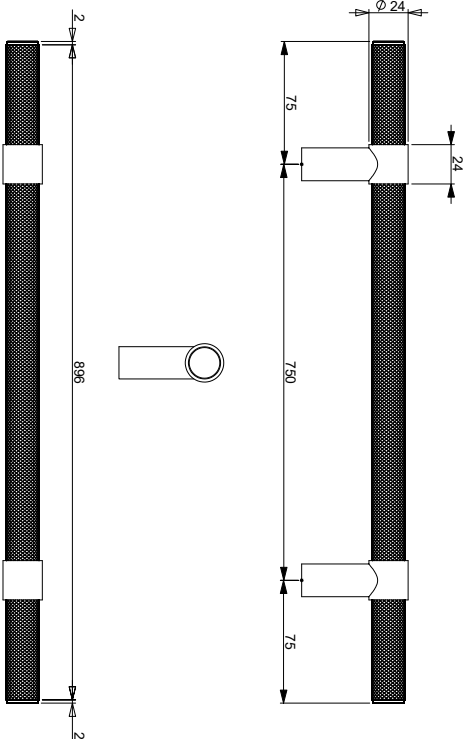
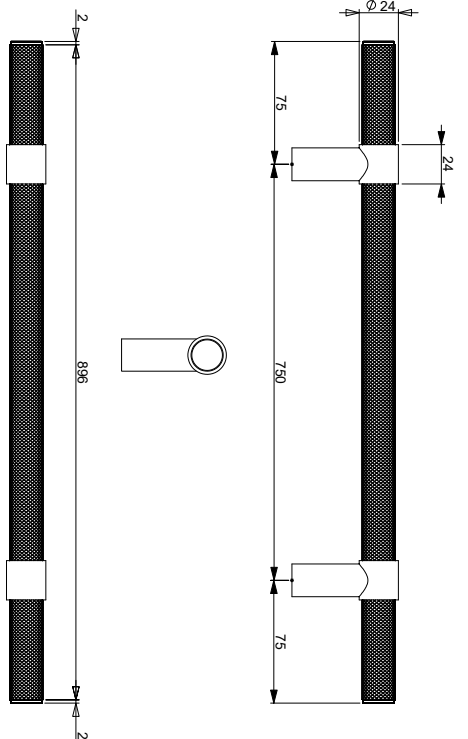
DPHKUD24X400 MATT BLACK



DPHKUD24X400 MATT BLACK



DPHKUD24X600 MATT BLACK	DPHKUD24X600 MATT BLACK
	
	

DPHKUD24X900 MATT BLACK	DPHKUD24X900 MATT BLACK
	
	



**BATTERY
OPERATED LOCKS**

ELECTRIFIED LATCH RETRACTION

ITEM CODE: BOL-XXXX

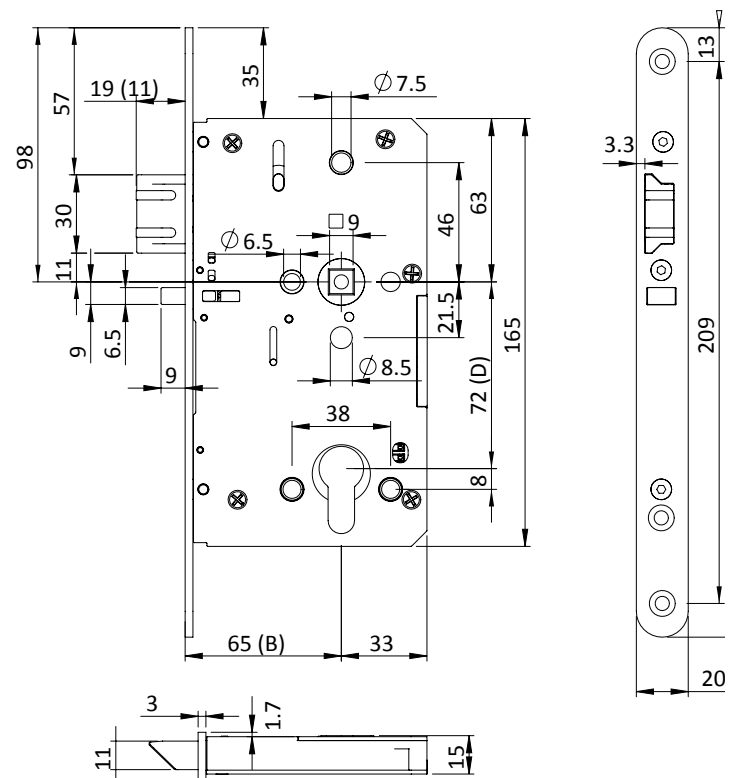
Features:

- Battery operated lock.
- External handle electrically engageable. Several lever handles are available.
- Whisper latch bolt, 20 mm latch (stainless steel).
- Tamper-protected triggering of the latch bolt. 9x9 mm follower.
- Self-locking. Panic function.
- Transmitter and electronics protected in the lock housing.
- Tamper-proof programming button integrated in the battery compartment, which can only be opened with cylinder key (Mechanical override by key).
- Radio frequency: 2.4 GHz / AES 128 encryption.
- I/O module optional.
- Standard finish: 630 (satin stainless steel). Other finishes are available upon request.



D	B	Face Plate			
		20x235x3	24x235x3	20x280x3	24x280x3
72	55	✓	✓		
72	60	✓	✓		
72	65	✓	✓		
72	80	✓	✓		
85	60		✓		
92	65			✓	✓
92	80			✓	✓

All sizes in mm



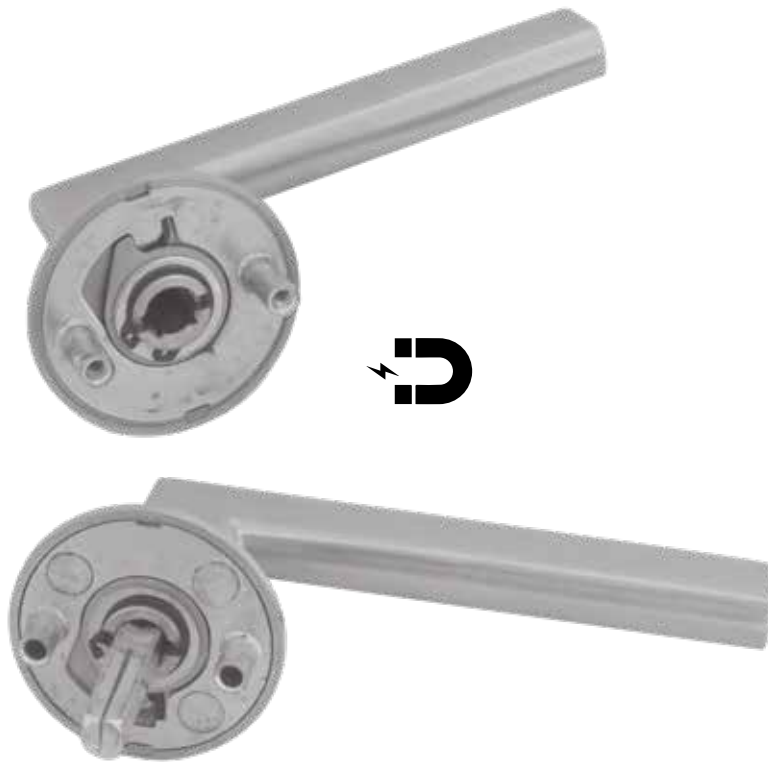
MAGNETIC LEVER HANDLES



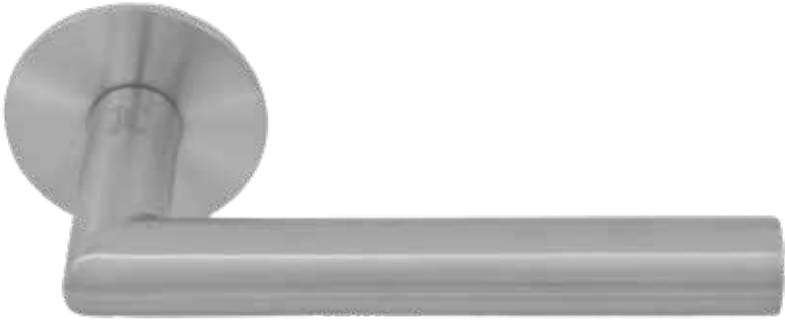
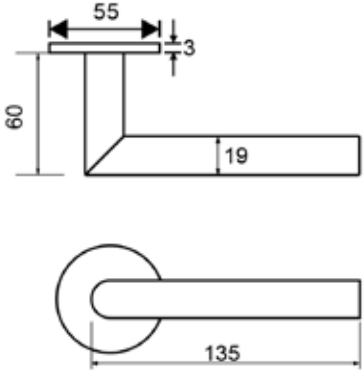
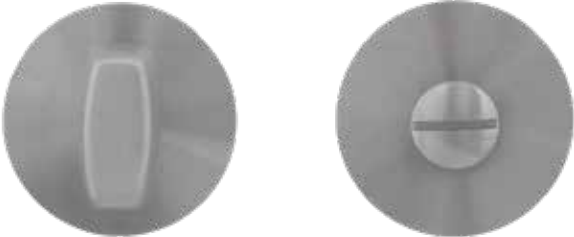

HOLLOW MAGNETIC LEVER HANDLES ON ROUND OR SQUARE LEVER ROSE. ITEM CODE: LHM SERIES

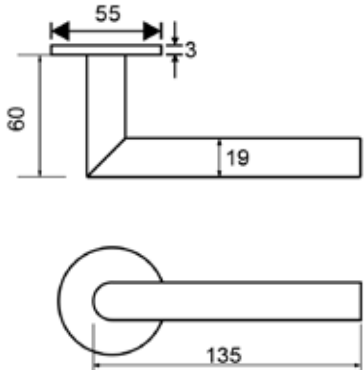


Features:

- Stainless steel hollow magnetic lever handle set on lever rose with cylinder rose. Fully return spring assisted lever handle. The cylinder rose and lever rose features concealed fixing.
- Designed for interior doors.
- Supplied with 8x8 mm eccentric spindle and fixing accessories.
- Door thickness: up to 50 mm (for doors thickness more than 50 mm please specify while ordering).
- Escutcheons/cylinder rose's projection: 3 mm.
- Available with square or round magnetic WC.
- Base of lever rose and escutcheon is steel.
- Lever rose and escutcheon are available in round or square shape.
- Finishes: Satin Stainless Steel, matt black or PVD. Other finishes are available upon request.

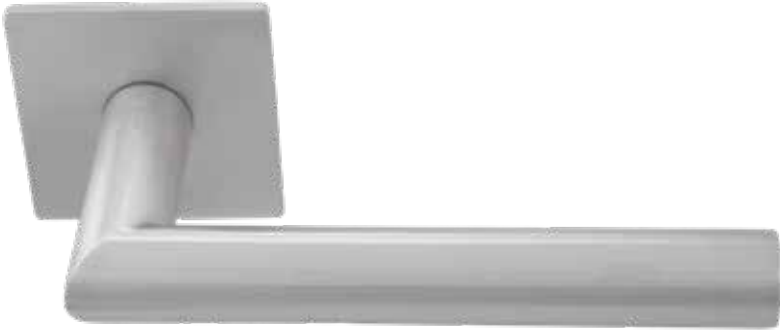
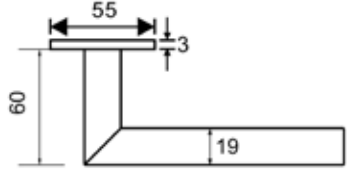
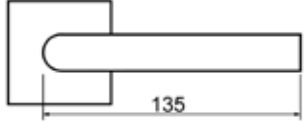




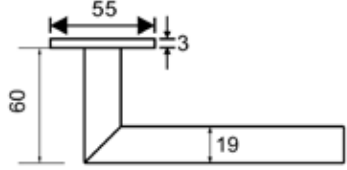
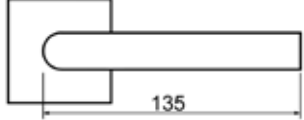





MAGNETIC LEVER HANDLES



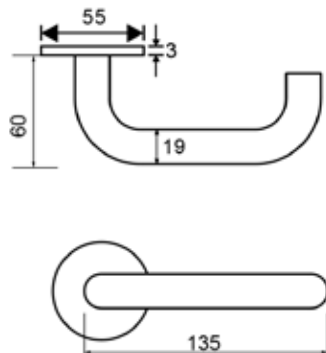

LHM101	DIMENSIONS
	
	

LHM101	DIMENSIONS
	
	

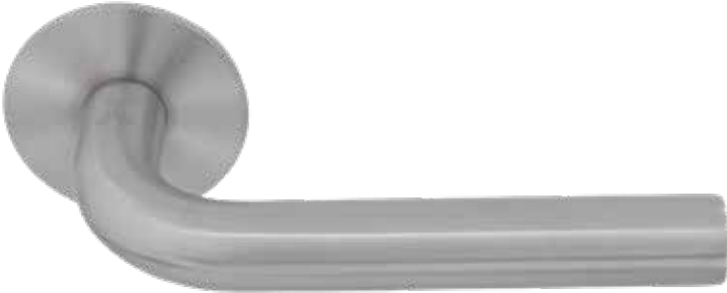
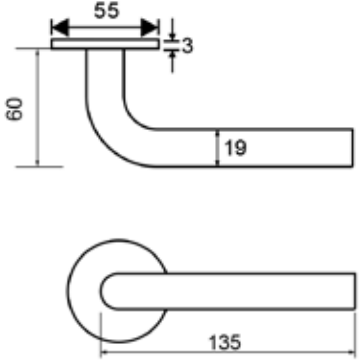

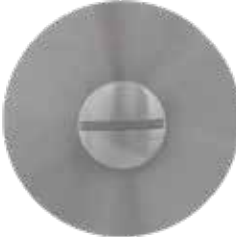


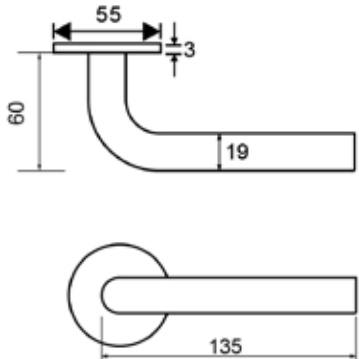



MAGNETIC LEVER HANDLES

LHM101SQ		DIMENSIONS
		 
		
LHM101SQ		DIMENSIONS
		 
		

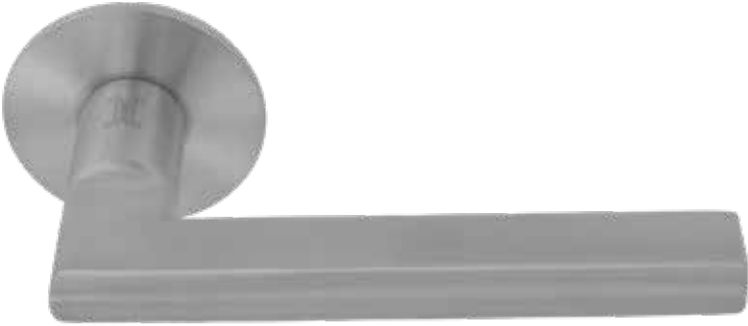
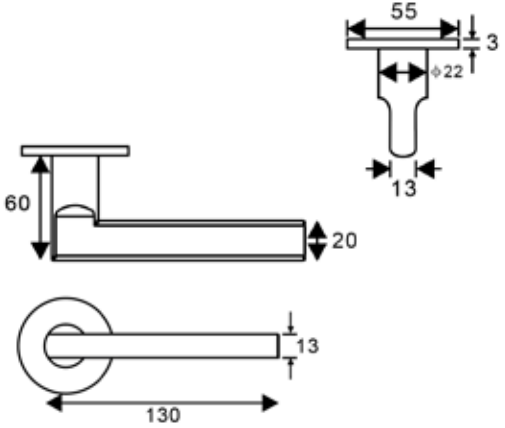
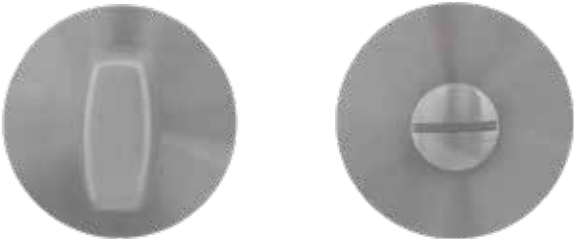

MAGNETIC LEVER HANDLES


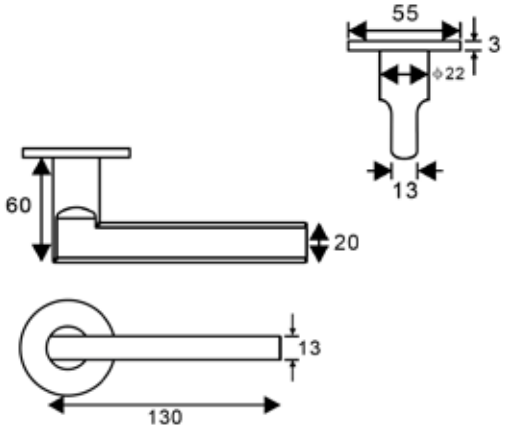


LHM102		DIMENSIONS
		
		
LHM102		DIMENSIONS
		
		

MAGNETIC LEVER HANDLES

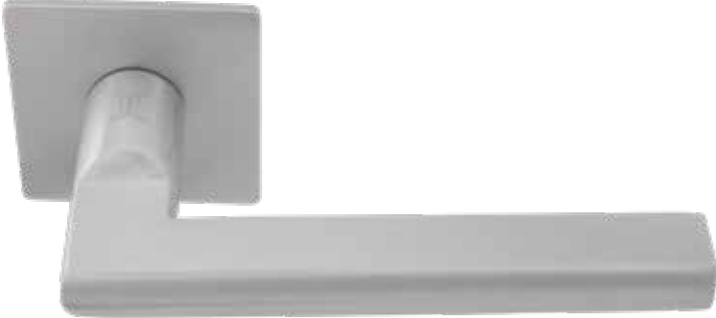
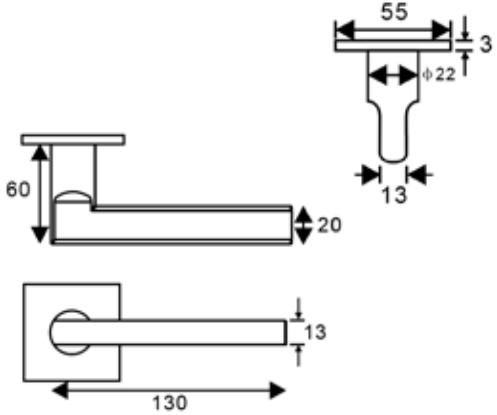
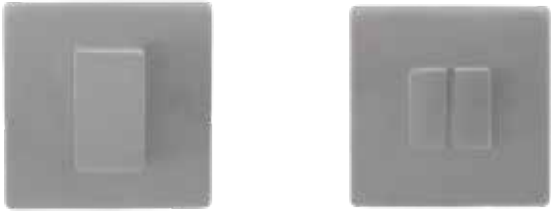


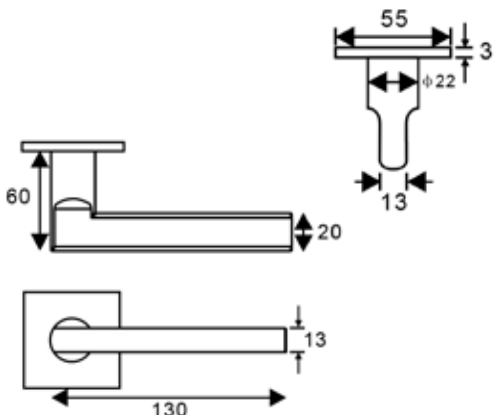


LHM103		DIMENSIONS
		
 		
LHM103		DIMENSIONS
		
 		

MAGNETIC LEVER HANDLES

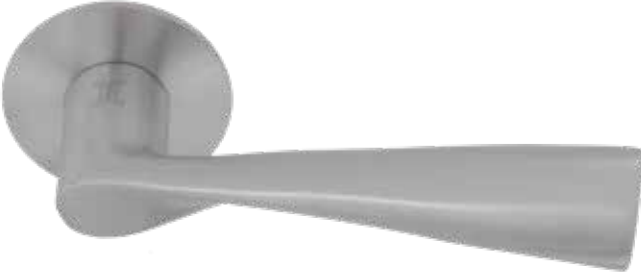
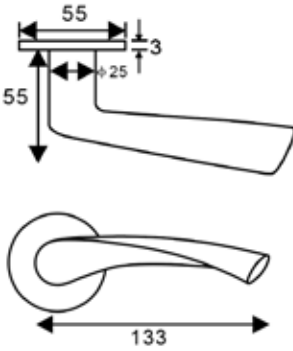

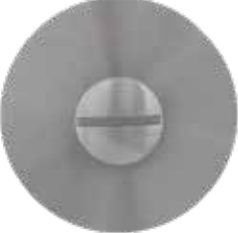


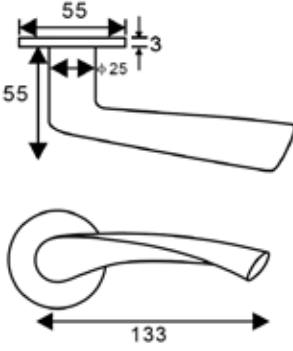



LHM104	DIMENSIONS
	
	

LHM104	DIMENSIONS
	
	

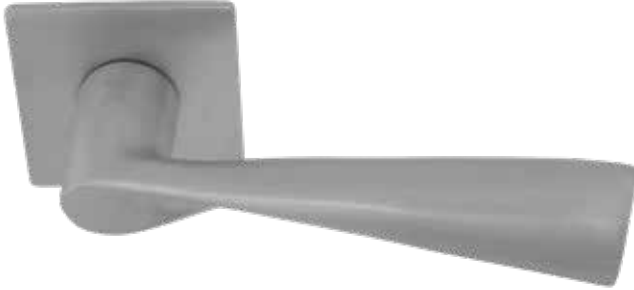
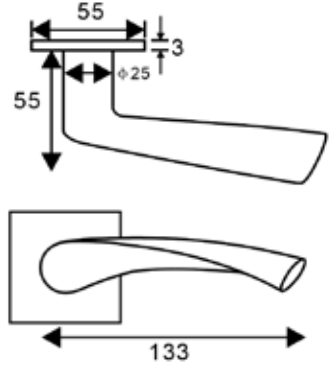
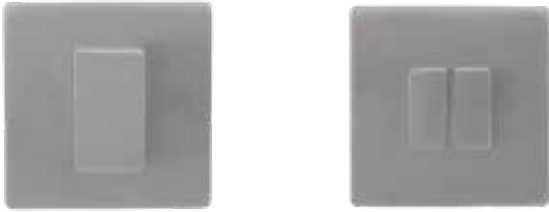


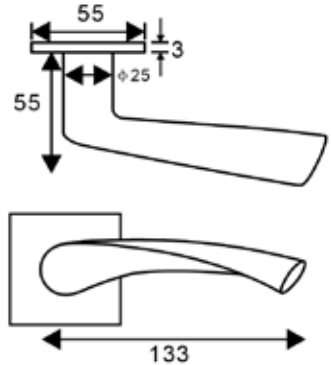


MAGNETIC LEVER HANDLES

LHM104SQ	DIMENSIONS
	
	
LHM104SQ	DIMENSIONS
	
	

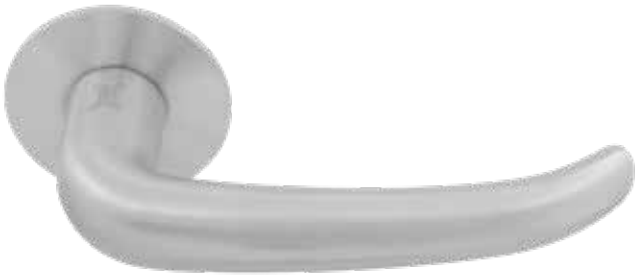
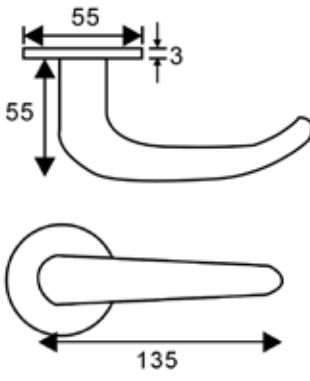
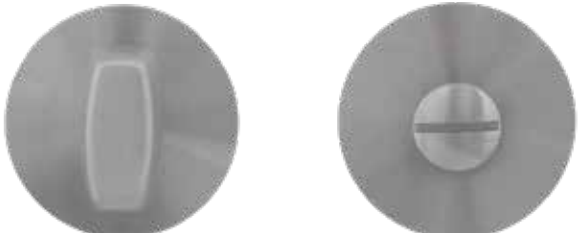


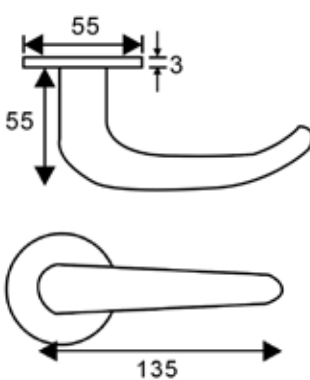


MAGNETIC LEVER HANDLES

LHM106		DIMENSIONS
		
		
LHM106		DIMENSIONS
		
		

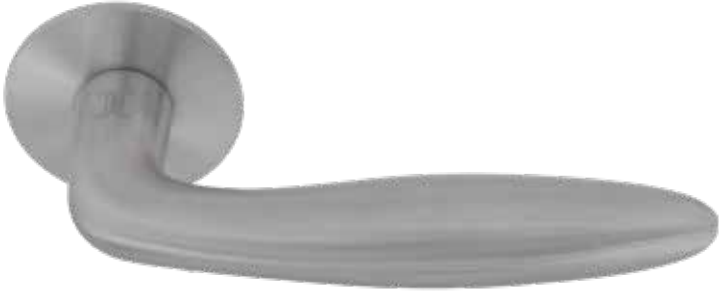
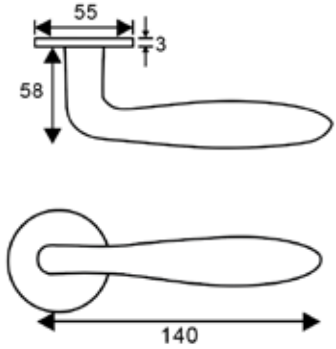
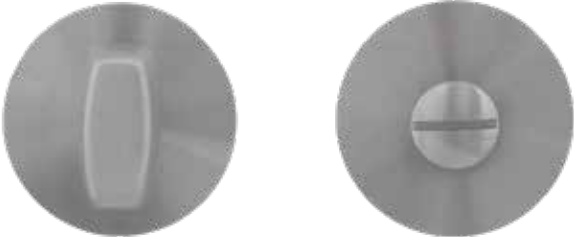


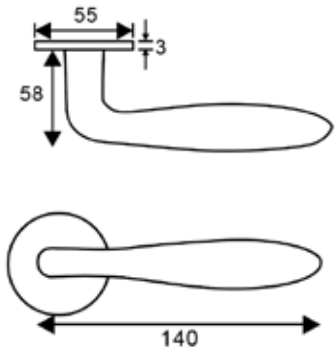


MAGNETIC LEVER HANDLES

LHM106SQ		DIMENSIONS
		
		
LHM106SQ		DIMENSIONS
		
		


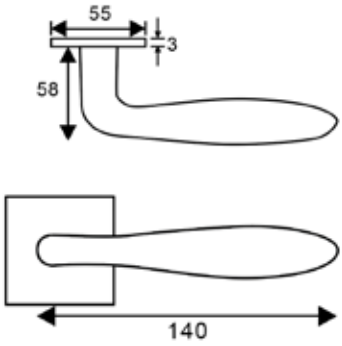

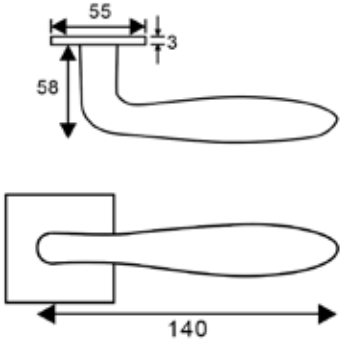

MAGNETIC LEVER HANDLES

LHM107	DIMENSIONS
	
	
LHM107	DIMENSIONS
	
	


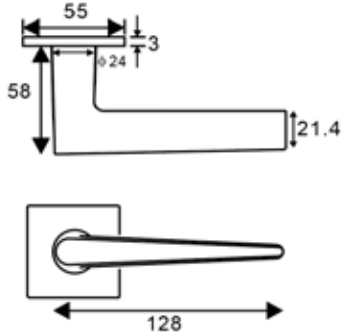
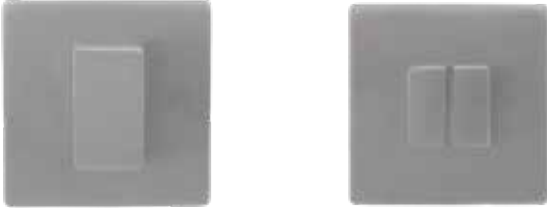


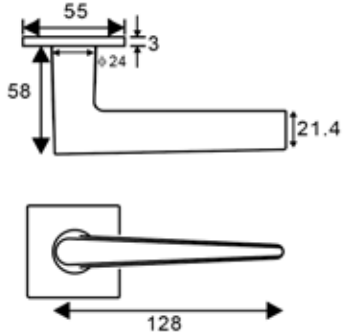


MAGNETIC LEVER HANDLES

LHM108	DIMENSIONS
	
	
LHM108	DIMENSIONS
	
	

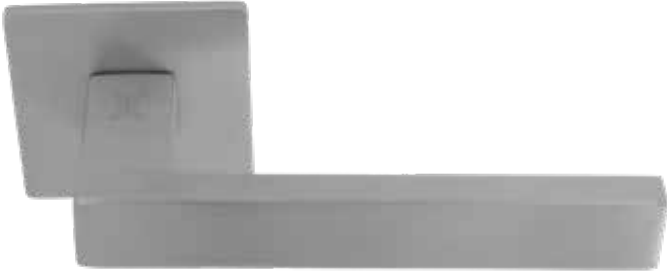
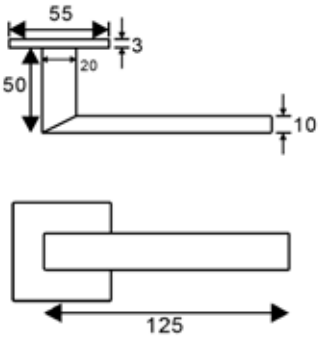
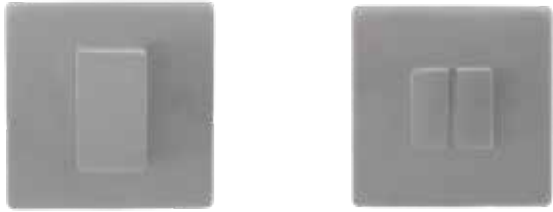


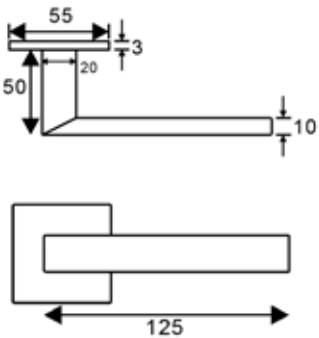


MAGNETIC LEVER HANDLES

LHM108SQ	DIMENSIONS
	
	
LHM108SQ	DIMENSIONS
	
	

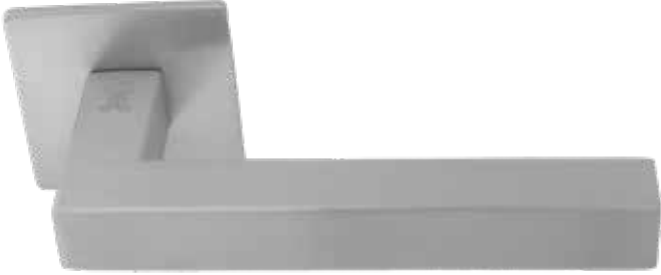
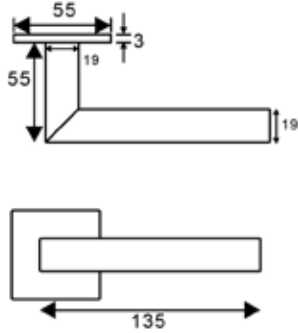
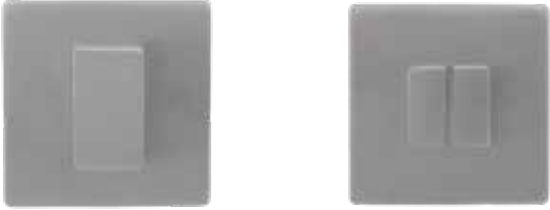


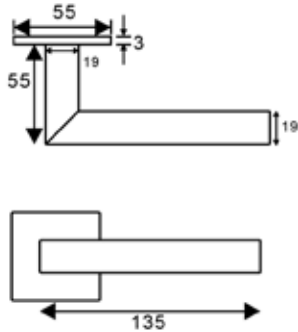


MAGNETIC LEVER HANDLES

LHM113SQ		DIMENSIONS	
			
			
LHM113SQ		DIMENSIONS	
			
			

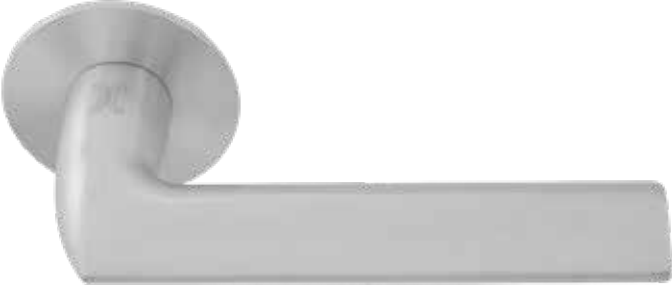
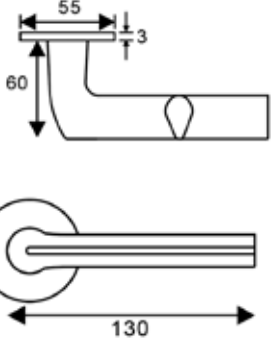
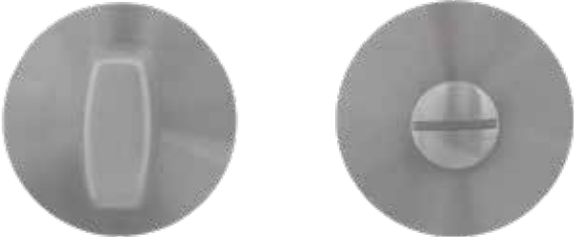


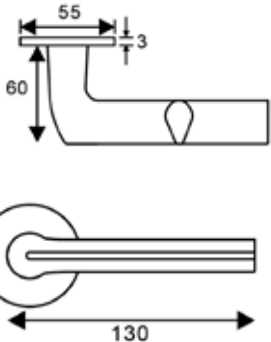


MAGNETIC LEVER HANDLES

LHM115SQ	DIMENSIONS
	
	
LHM115SQ	DIMENSIONS
	
	


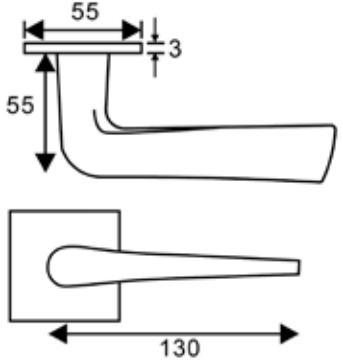
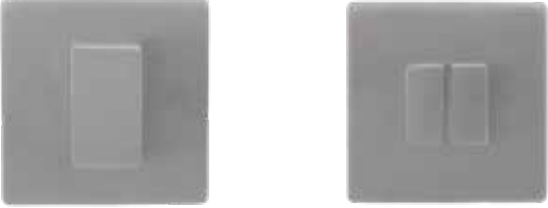


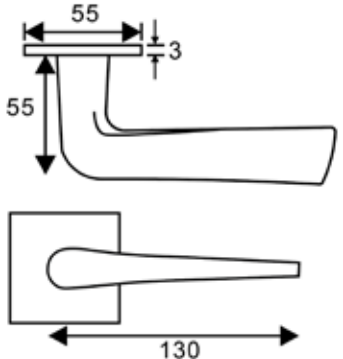


MAGNETIC LEVER HANDLES

LHM116SQ	DIMENSIONS
	
	
LHM116SQ	DIMENSIONS
	
	

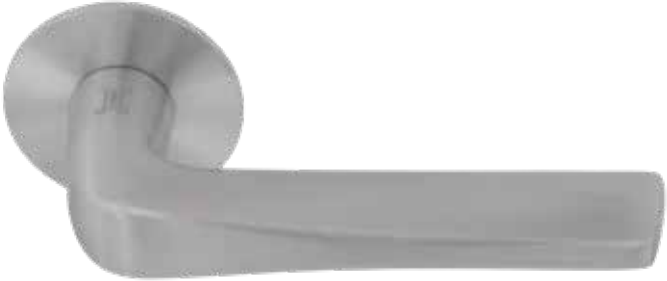
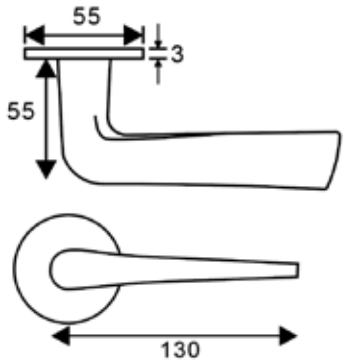
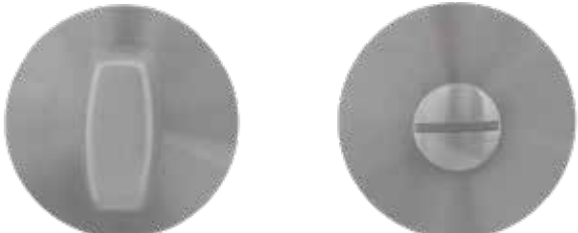


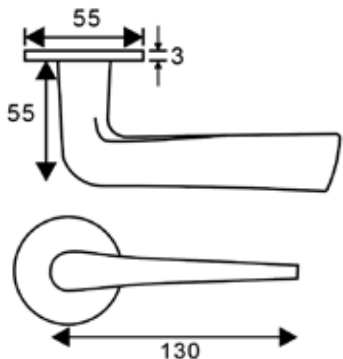


MAGNETIC LEVER HANDLES

LHM118	DIMENSIONS
	
	
LHM118	DIMENSIONS
	
	

MAGNETIC LEVER HANDLES

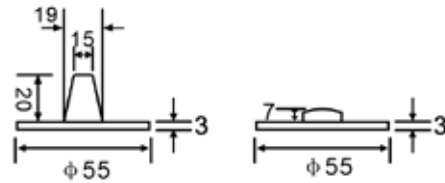
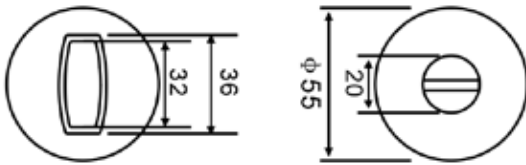
LHM118SQ		DIMENSIONS
		
		
LHM118SQ		DIMENSIONS
		
		

MAGNETIC LEVER HANDLES

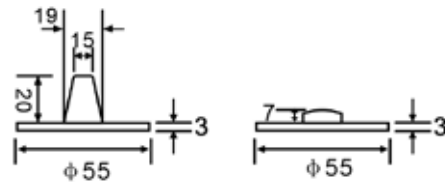
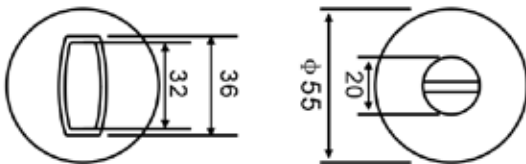
LHM119	DIMENSIONS
	
	
LHM119	DIMENSIONS
	
	

MAGNETIC LEVER HANDLES

T01E01-3

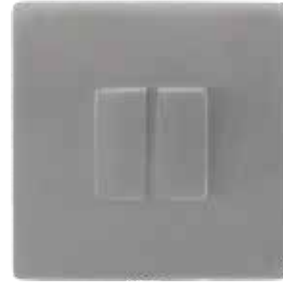
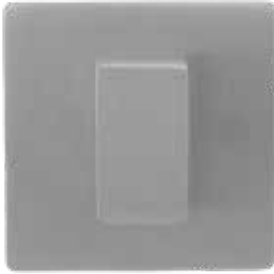


T01E01-3

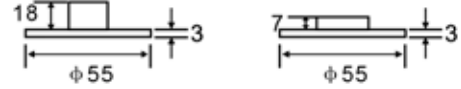
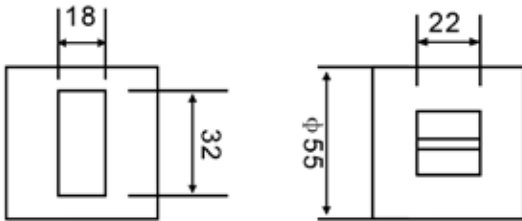


MAGNETIC LEVER HANDLES

T07JQ01SQ



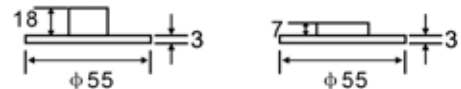
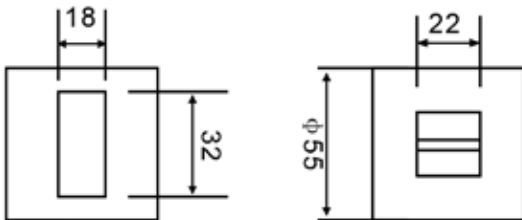
DIMENSIONS

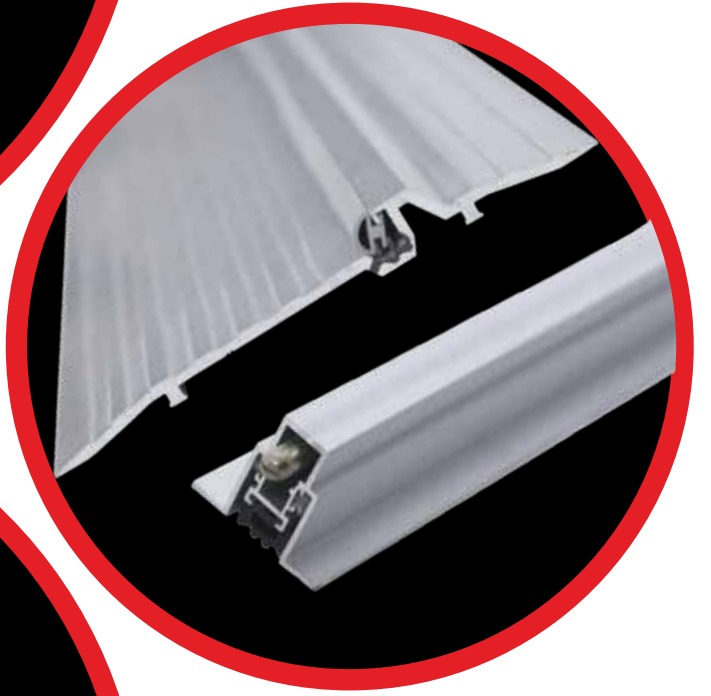


T07JQ01SQ



DIMENSIONS


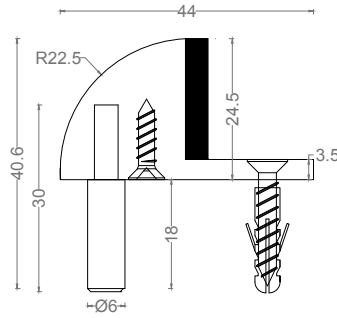

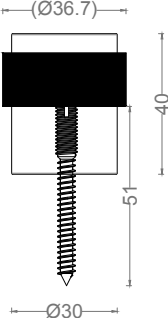

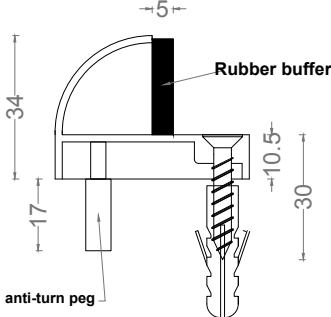

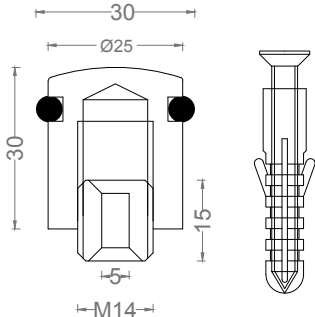

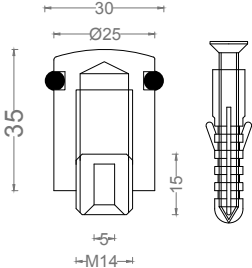




ITEM CODE: T10, T30, T40 & SST25D

Features:

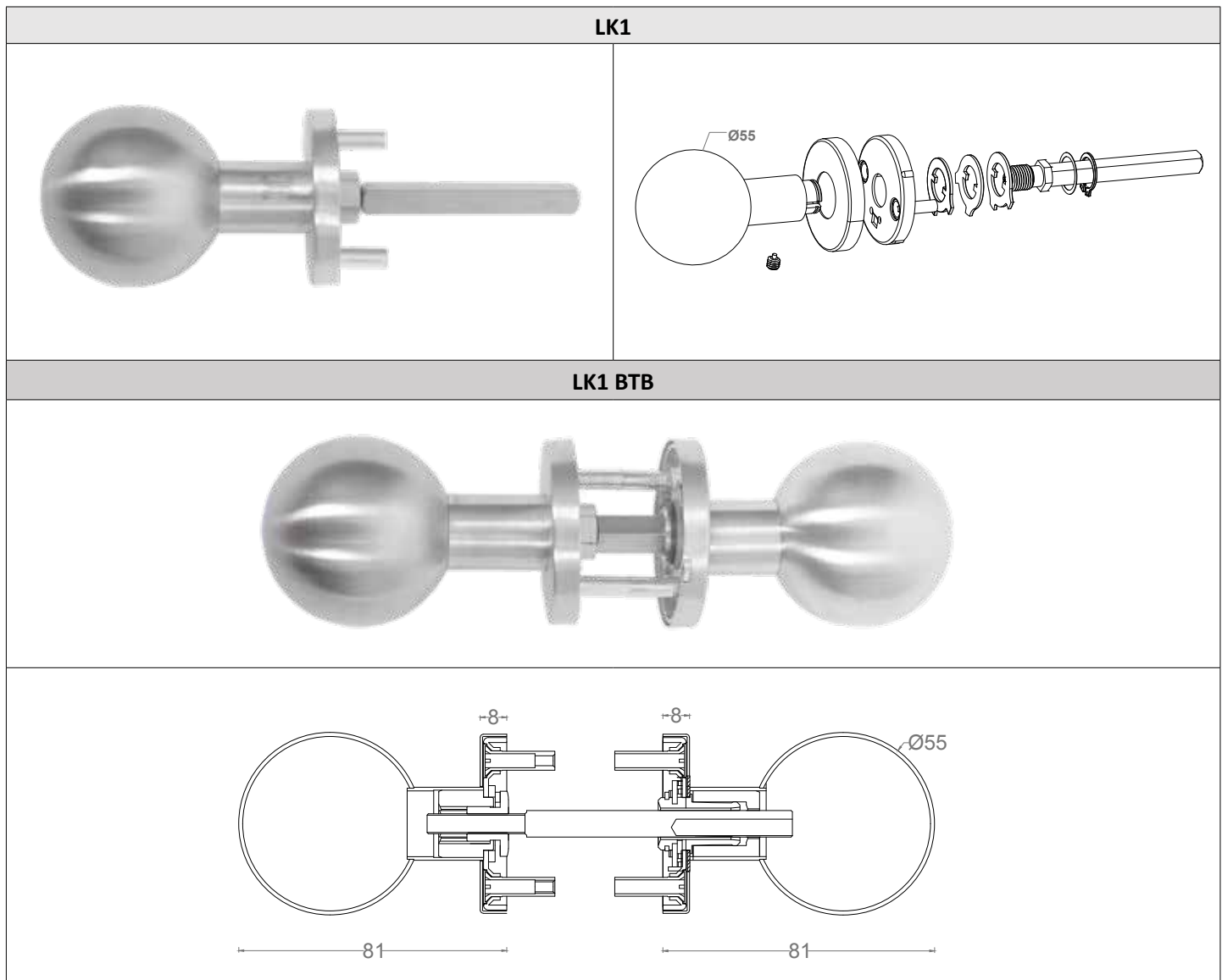
- Door stop
- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Floor mounted. Floor fixing.
- Complete with fixing bolts and screws.
- Anti-turn peg for T10 and T40.
- Standard finish: Satin Stainless steel (SSS) finish with rubber buffer.
- Other finishes are available upon request.

T10		T30	
			
T40		SST25D-30	
			
SST25D-35			
			

ITEM CODE: LK1 SERIES

Features:


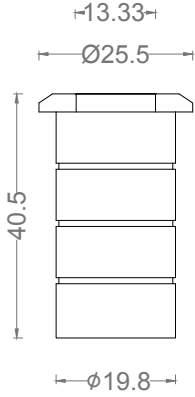

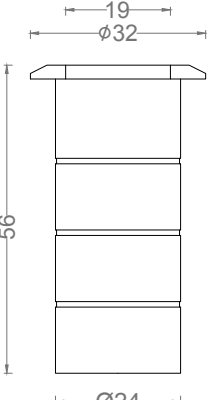
- Fixed knob with rotating spindle for LK1 and dead fixing for LK1 BTB (back to back).
- Area of application: for wood or steel doors.
- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Specify door thickness while ordering.
- Complete with fixing screws and spindle.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.



ITEM CODE: DPS-01 & DPS-02

Features:

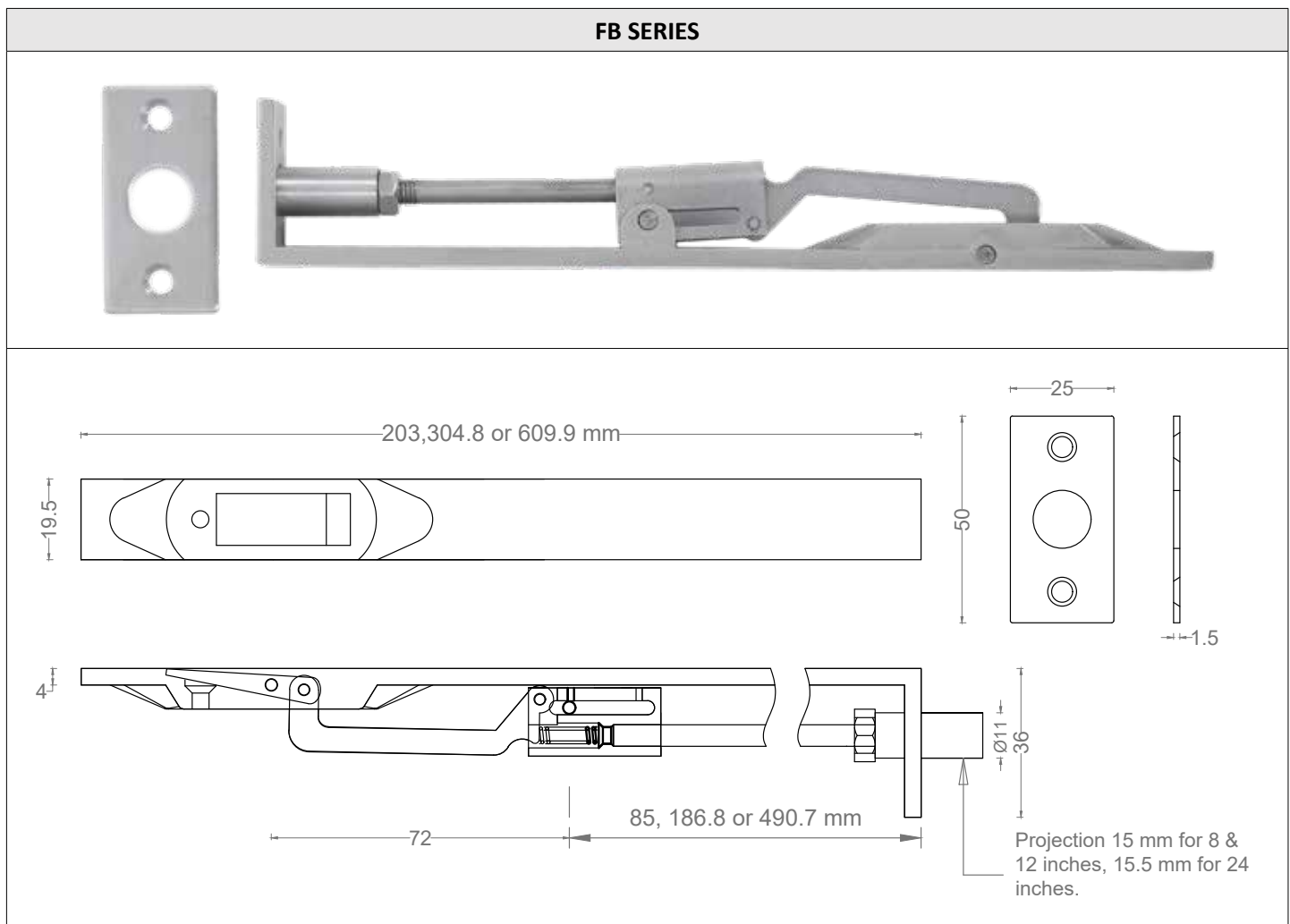
- Dust proof socket
- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Spring-loaded cover to prevent accumulation of dust or dirt inside the dust excluding socket.
- DPS-01: Suitable for FB manual flush bolt for wood doors and suitable for flush bolt shot bolt of diameter 11 mm.
- DPS-01: The barrel shall be sunk into the floor measures 19.8 mm diameter and needs to be sunk approximately 37.44 mm. The top flange is 25.5 mm diameter and the receiving hole is 13 mm.
- DPS-02: Suitable for DAFB (Automatic flush bolt, bottom).
- DPS-02: The barrel shall be sunk into the floor measures 24 mm diameter and needs to be sunk approximately 52 mm. The top flange is 32 mm diameter and the receiving hole is 19 mm.
- Standard finish: Satin Stainless steel.
- Other finishes are available upon request.

DPS-01	
	
DPS-02	
	

ITEM CODE: FB SERIES

Features:



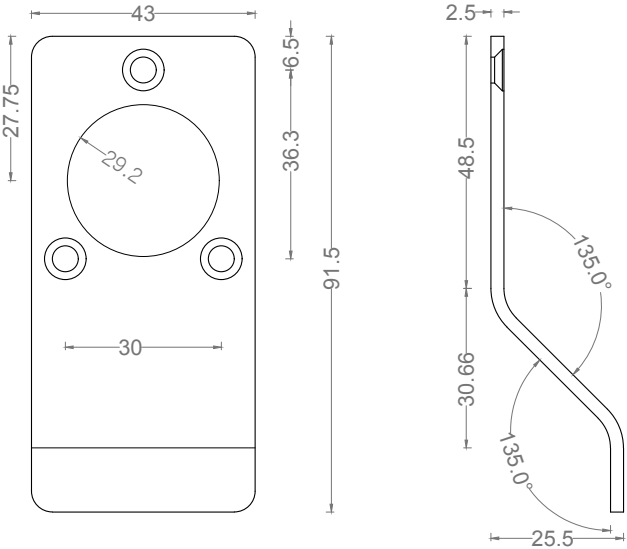
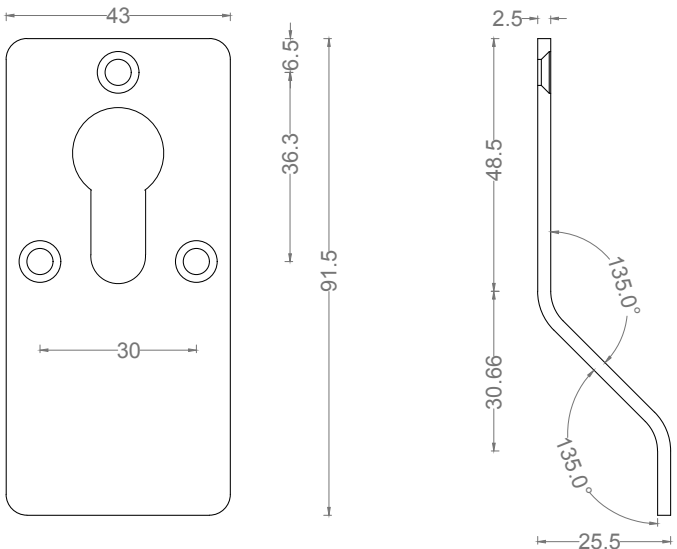
- Area of application: Wood doors.
- Manual lever action flush bolt.
- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Recessed into edge of door at top and bottom. Throw 15 mm for 203 & 304.8 mm and 15.5 mm for 609.9 mm. Supplied with strike plate 50 x 25 x 1.5 mm. Forend plate thickness 4 mm.
- Available in three lengths: 203 x 36 x 19.5 mm (8 inches), 304.8 x 36 x 19.5 mm (12 inches) and 609.9 x 36 x 19.5 mm (24 inches)
- Supplied with countersunk screws holes and wood screws.
- Standard finish: Satin Stainless steel (SSS).
- Other finishes are available upon request.



ITEM CODE: DMCP & ES001

CYLINDER LATCH PULL HANDLE

- Area of application: Metal or wood doors.
- Suits Europrofile or ANSI cylinders.
- Supplied with fixing screws.
- Standard finish: US32D (Satin Stainless Steel).
- Other finishes are available upon request.

DMCP	ES001
	
	

ITEM CODE: DCPTD SERIES

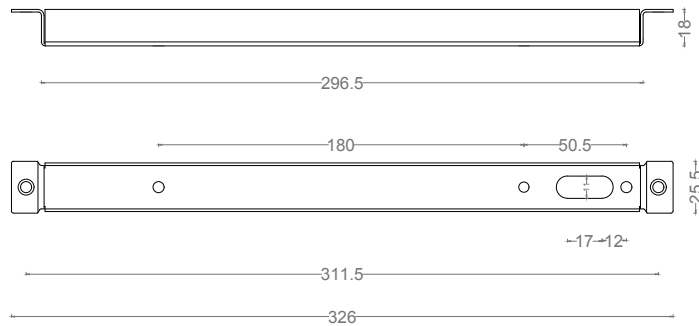
CONCEALED POWER TRANSFER DEVICE

EN1634-1

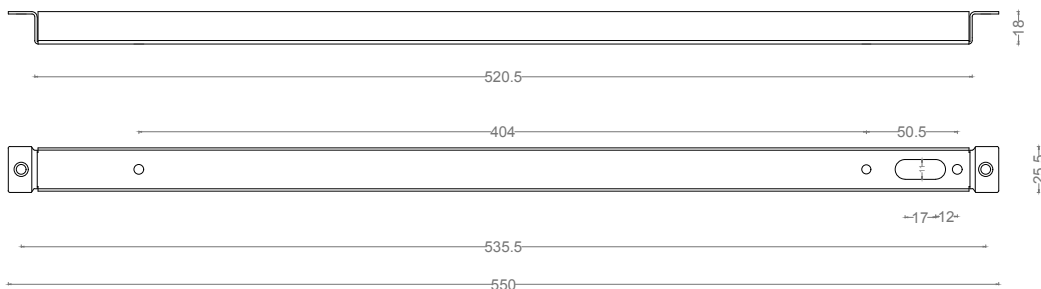


- Area of application: Metal or wood doors.
- Transfer power from frames to electrified hardware in the leaf.
- Standard in stainless steel EN 1.4301 (type SUS304).
- Tested successfully to EN 1634-1, E240.
- Maximum opening angle: 120° for DCPTD-120 and 180° for DCPTD-180.
- Supplied with fixing screws.
- Standard finish: US32D (Satin Stainless Steel).
- Other finishes are available upon request.

DCPTD-120




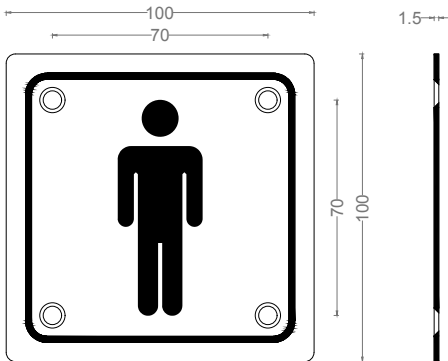
DCPTD-180


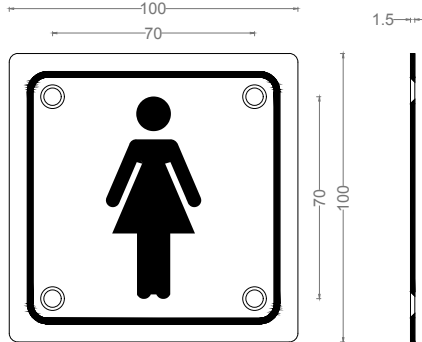


ITEM CODE: A-MS001, A-FS002, A-DS003, A-US004, B-MSR01, B-FSR02, B-DSR03, B-USR04, B-WCR05, C-FDKLS, C-FDKC, C-FDKS & C-AFDKC

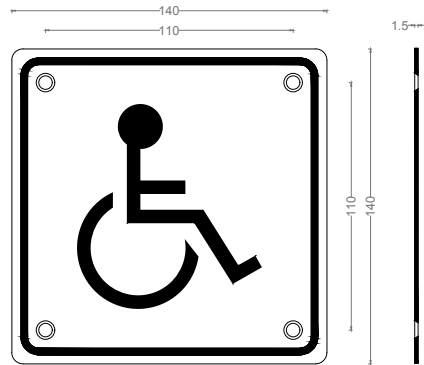
Features:

- Signs
- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Supplied with countersunk screws drilling and screws.

ART# A-MS001	
	
<p>MALE TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304) SIZE: 100X100X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS</p>	

ART# A-FS002	
	
<p>FEMALE TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304) SIZE: 100X100X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS</p>	

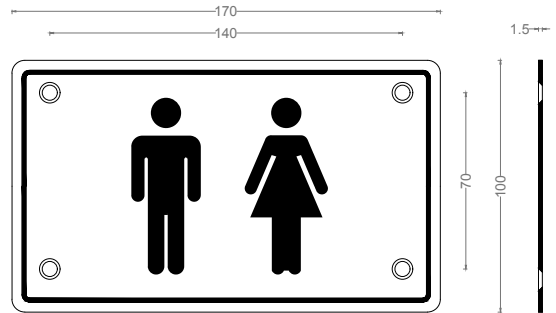
ART# A-DS003



DISABLED TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 140X140X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

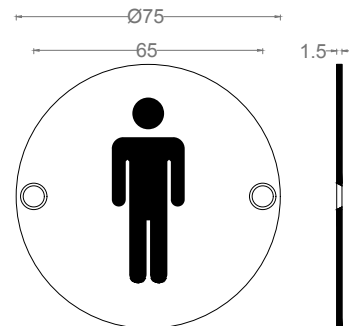
ART# A-US004



UNISEX TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 170X170X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

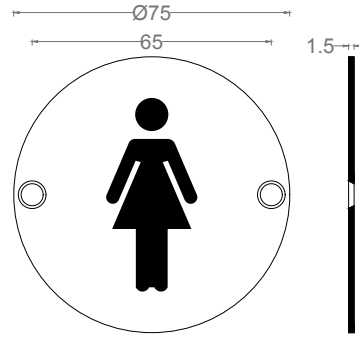
ART# B-MSR01



MALE TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

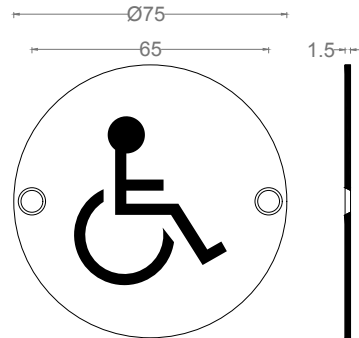
ART# B-FSR02



FEMALE TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

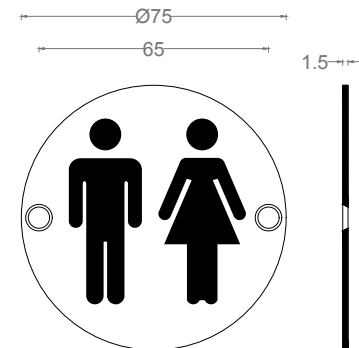
ART# B-DSR03



DISABLED TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

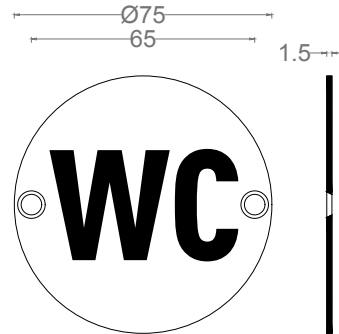
ART# B-USR04



UNISEX TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

ART# B-WCR05



WC TOILET DOOR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

ART# C-FDKLS



FIRE DOOR KEEP LOCKED SHUT SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

ART# C-FDKC



FIRE DOOR KEEP CLEAR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

ART# C-FDKS



FIRE DOOR KEEP SHUT SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH WOOD & STEEL SCREWS

ART# C-AFDKC



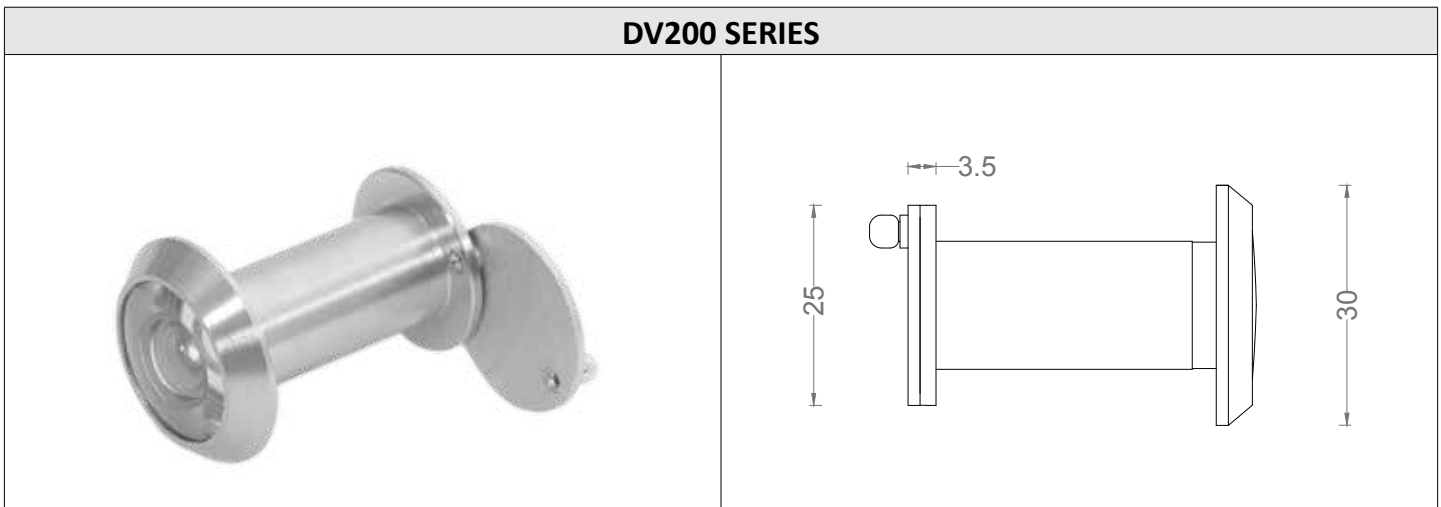
AUTOMATIC FIRE DOOR KEEP CLEAR SIGN - MATERIAL: STAINLESS STEEL EN 1.4301 (TYPE 304)

SIZE: 75X1.5 MM - SUPPLIED WITH 2 WOOD SCREWS

ITEM CODE: DV200 SERIES

Features:

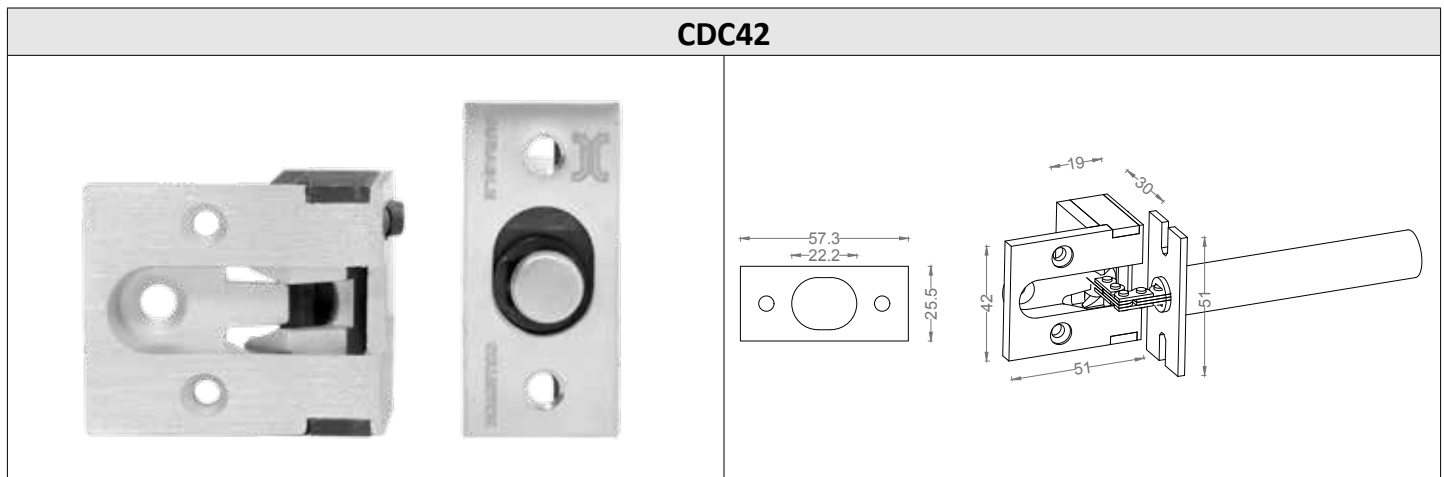
- One-way door viewer.
- With privacy flap.
- 200 degree viewing angle
- Glass lense.
- Base material: brass.
- Adjustable, for door thickness range from 35 mm to 90 mm:
 - 35 to 60 mm
 - 45 to 75 mm
 - 45 to 80 mm
 - 55 to 90 mm.
- Dia.15 mm shaft.
- Available finishes: Satin nickel (SN), antique brass (AB), polished brass (PB) and satin brass (SB).



ITEM CODE: CDC42

Features:


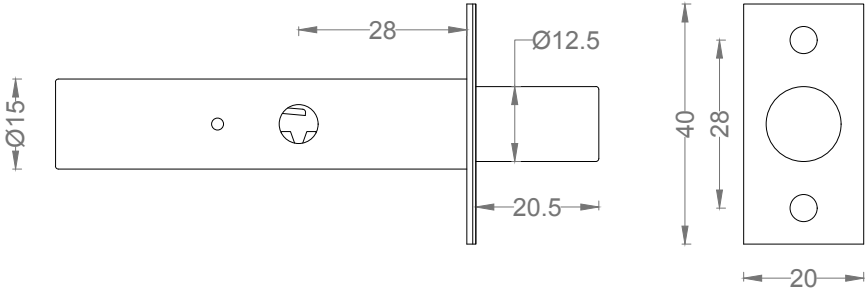
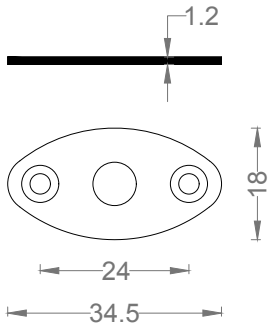
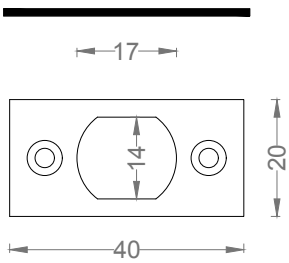
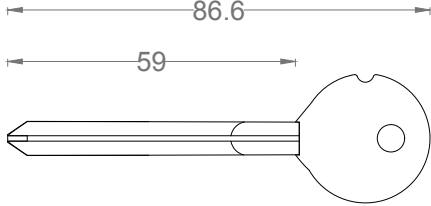
- Spring loaded security concealed door chain.
- Body, Chain, cover & fixing screws: Stainless steel EN 1.4301 (type 304).
- Engaged/disengaged by push button keep.
- Chain automatically restricts door opening when engaged and retracts automatically when released.
- Can only be unlocked when door is closed.
- Supplied with fixing screws.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available: Polished stainless steel (PSS), polished brass (PB), antique brass (AB), antique copper (AC) and Physical vapour deposition (PVD) finishes.



ITEM CODE: D909

Features:


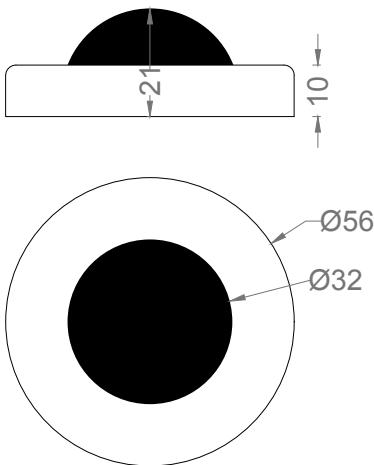

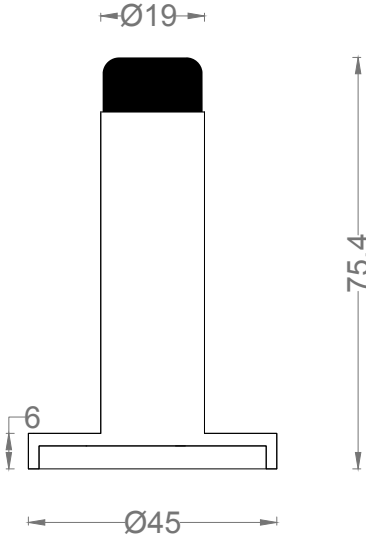
- Rackbolt
- Stainless steel EN 1.4301 (type 304).
- Nickel-plated key turn operated (key is included).
- Backset 29.5 mm. Full depth 70 mm.
- Supplied with 1 x strike plate and 1 x escutcheon and with countersunk wood and metal screws.
- Standard finish: Satin Stainless Steel (SSS).
- Other finishes are available upon request.

D909		
		
STRIKE PLATE	ESCUTCHEON	KEY
		

ITEM CODE: T50 and T60

Features:

- Standard in stainless steel EN 1.4301 (type SUS304), optional in stainless steel EN 1.4401 (type SUS316).
- Wall mounted. Wall fixing (concealed).
- Supplied with fixing bolts and screws.
- Standard finish: Satin Stainless steel (SSS) finish with rubber buffer. Other finishes are available upon request.

T50	
	
T60	
	

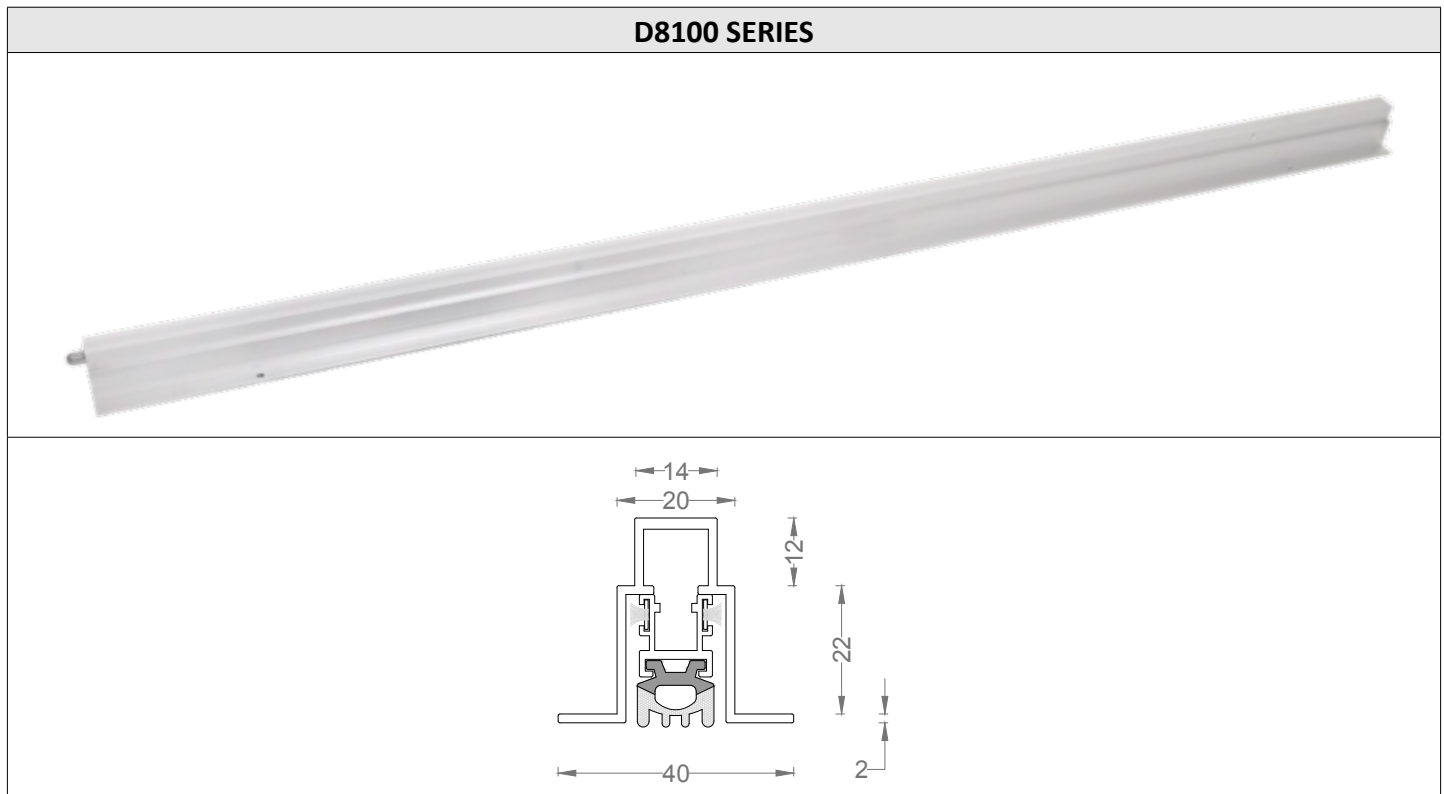
**ITEM CODE: D8100 SERIES
DOOR AUTOMATIC CONCEALED BOTTOM SEALS**



EN1634-1

Features:

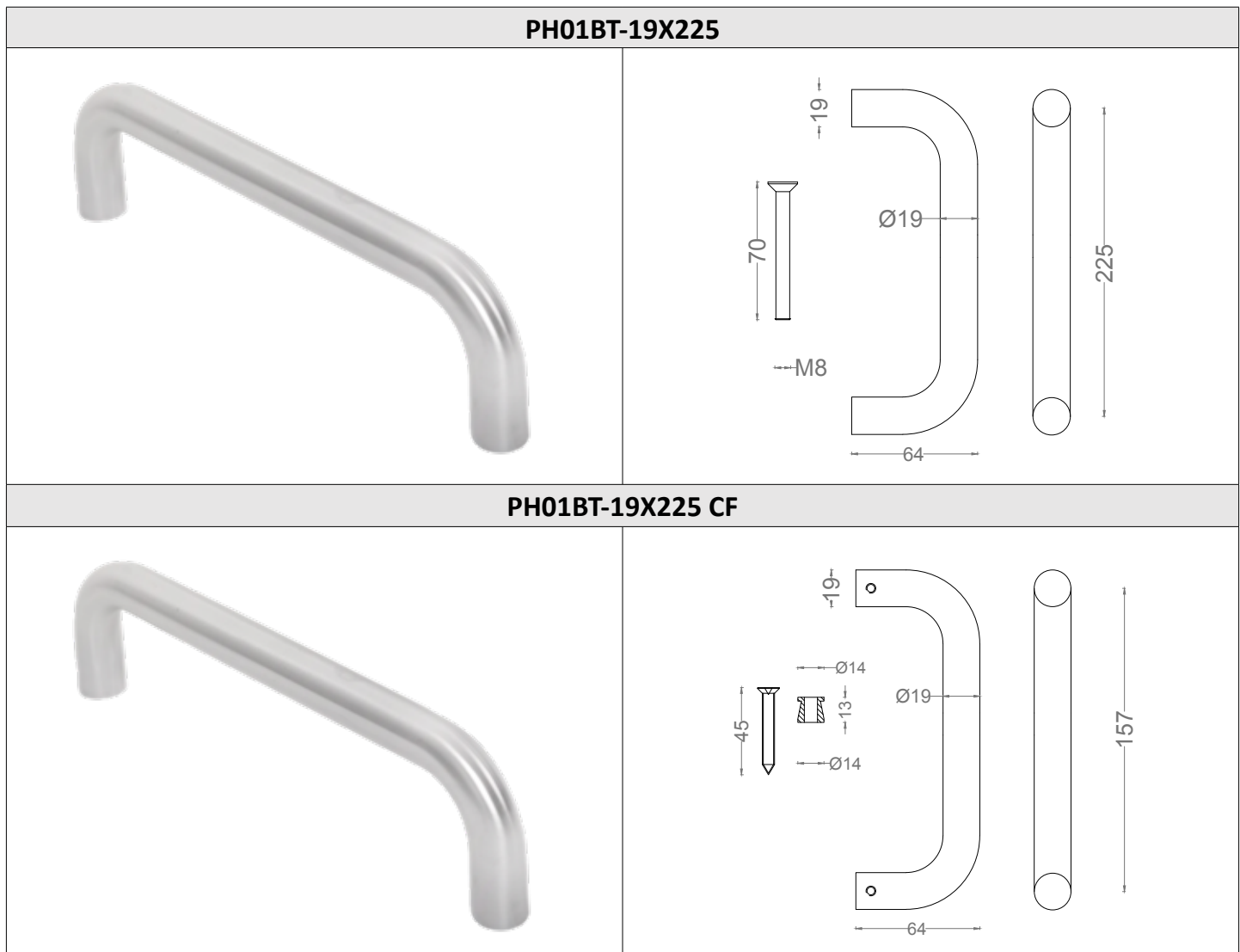
- Area of application: All doors types.
- For commercial and residential buildings.
- A highly efficiency mechanism that lifts the seal clear of the floor as soon as the door “is opened” by few millimeters.
- Used to seal the gap at the bottom of your door to prevent infiltration of sound (up to STC32-35), lights, draught, insects, moisture and smoke.
- Successfully fire tested to EN 1634-1, E240.
- Non handed.
- Size of the groove: 21 x 36 mm. Min/Max gap size: 1 mm/13 mm.
- Available lengths: 280, 450, 610, 820, 920, 1070, 1220 and 1540 mm.
- Each length can be cut to the next size down, except 280 mm cut to 260 mm.
- Aluminum profile/section.
- Seal material: Black fire stopping EPDM rubber gasket.
- Supplied with fixing screws.
- Available finish: Silver anodized aluminium.



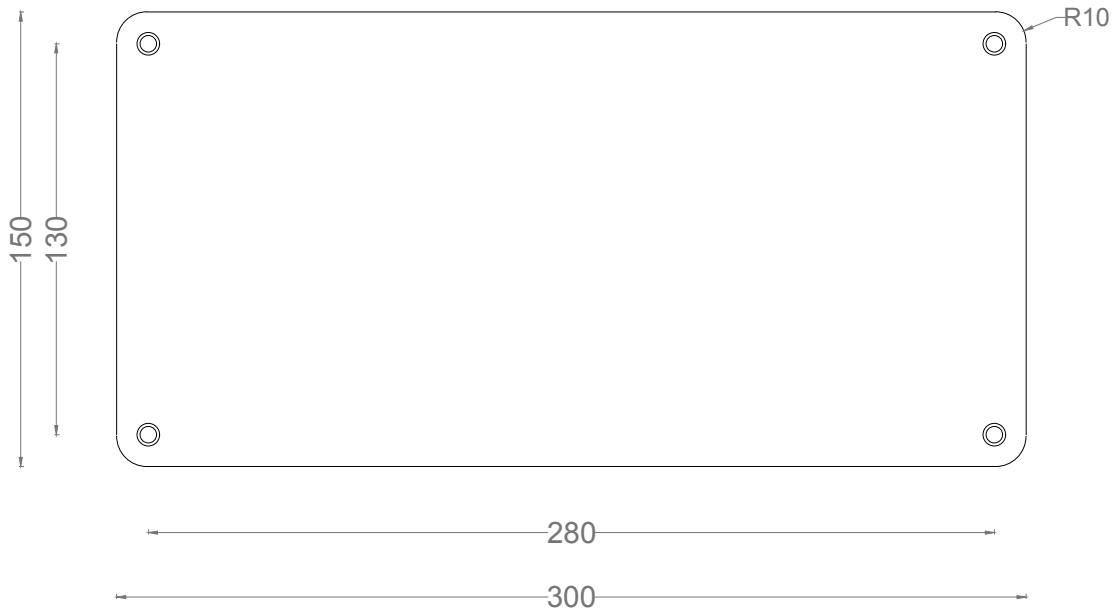
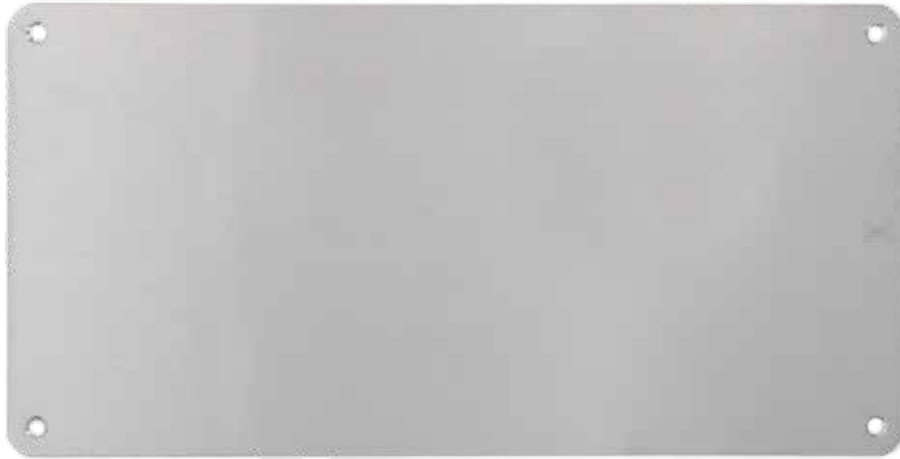
ITEM CODE: PH01BT-19X225, SP300150B and PH01BT-19X225 CF

Features:

- Area of application: Wood or steel doors.
- Standard: stainless steel EN 1.4301 (type SUS304). Optional in stainless steel EN 1.4401 (type SUS316).
- Round pull design. Flat push plate.
- Standard: Push/Pull (PH01BT-19X225 + SP300150B) or Pull/Pull (PH01BT-19X225 CF).
- Standard available size: pull handle: 225 x 64 x dia. 19 mm, push plate: 300 x 150 x 1.5 mm.
- Optional lengths and dimensions are available.
- Standard finish: Satin Stainless steel (SSS).
- Other finishes are available upon request.



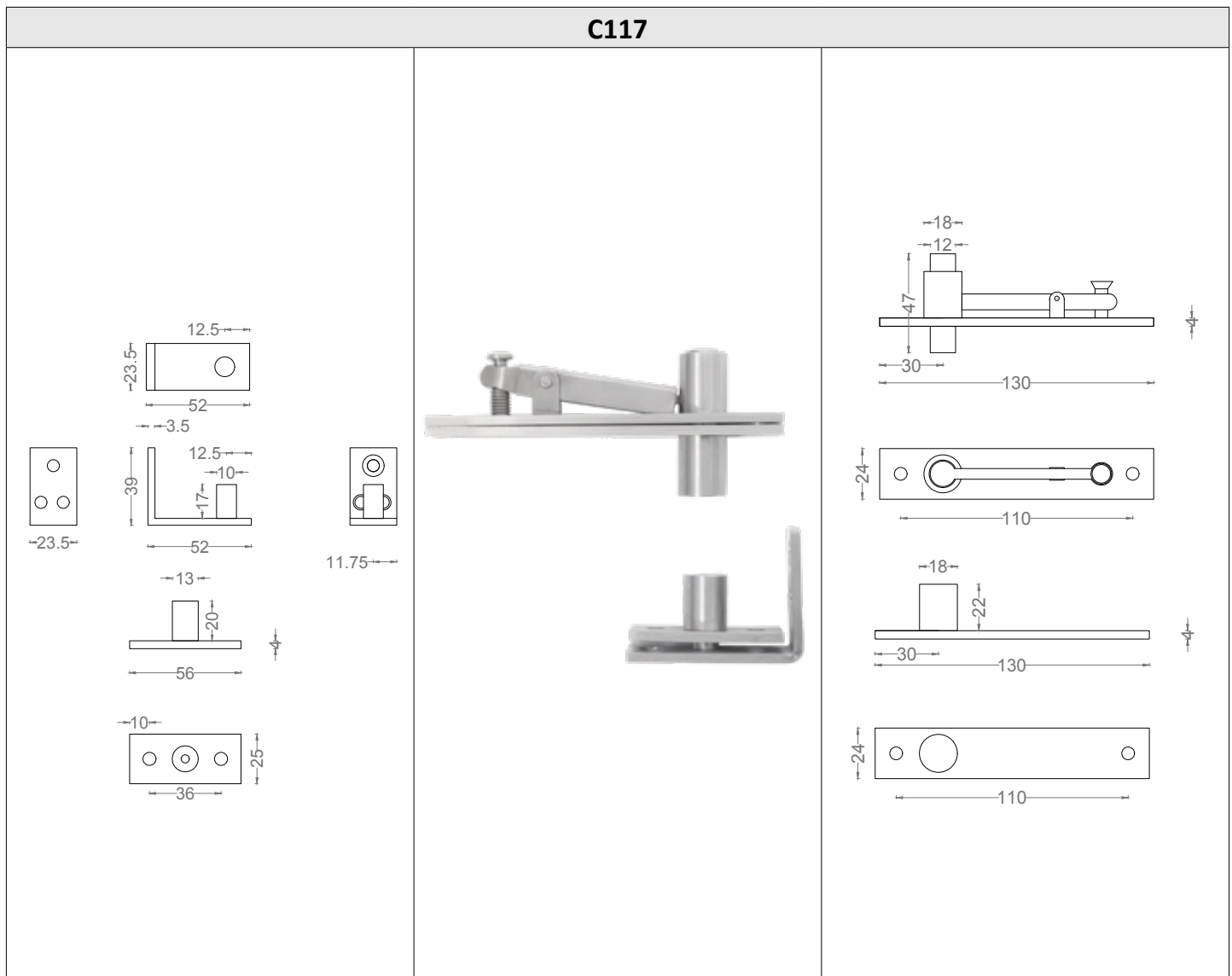
SP300150B



ITEM CODE: C117
STAINLESS STEEL DOOR PIVOT HINGE SYSTEM

Features:

- Area of application: Bedroom, living room and mansion doors.
- Standard: stainless steel EN 1.4301 (type SUS304).
- High quality ball bearing which can ensure strong strength and features long durability, supporting 360° rotating.
- Standard finish: Satin Stainless steel (SSS).
- Other finishes are available upon request.

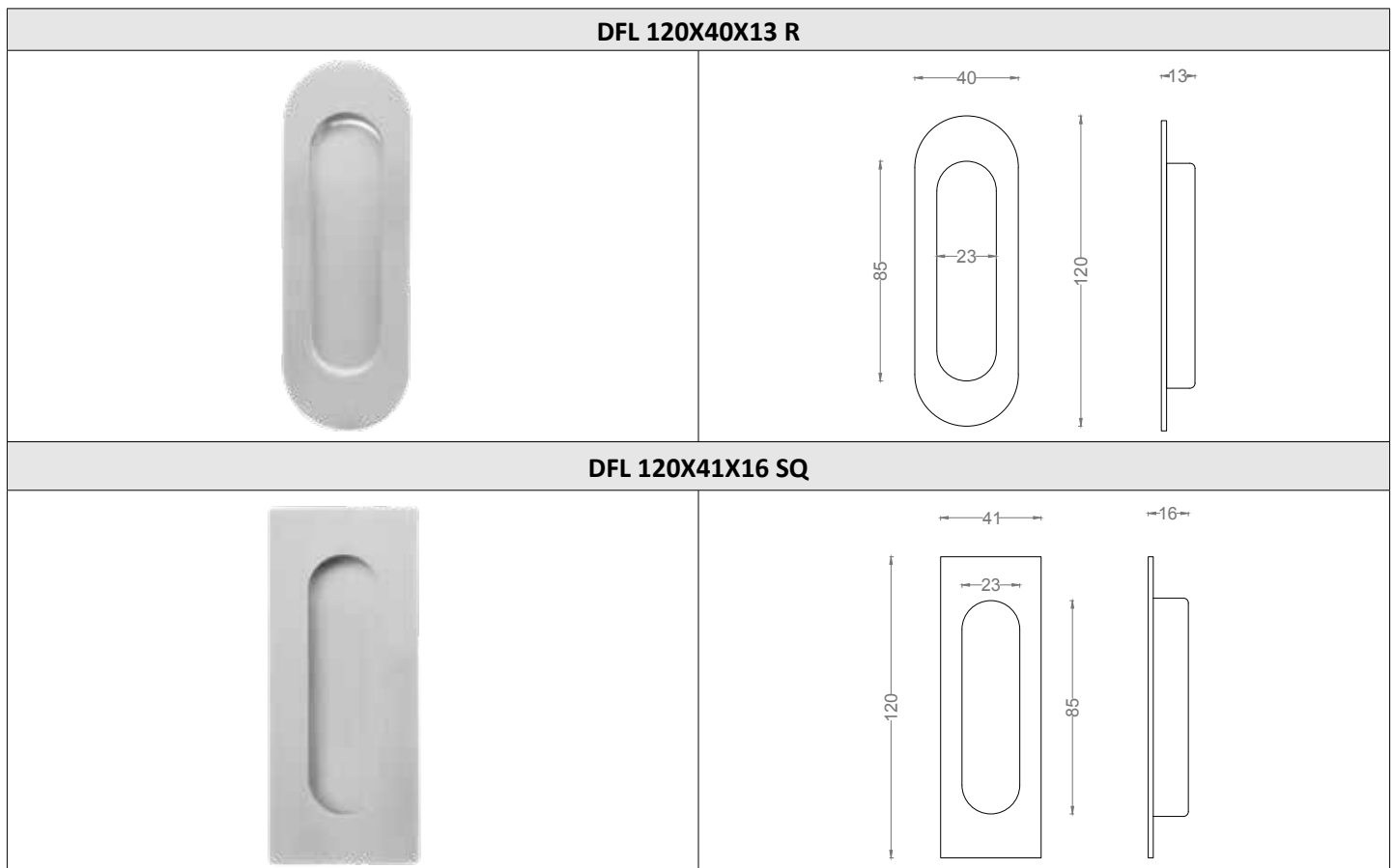


ITEM CODE: DFL SERIES FLUSH PULL HANDLE

Features:

- Area of application: for wood or steel doors.
- Standard: Stainless steel EN 1.4301 (type SUS304). Optional Stainless steel EN 1.4401 (type SUS316).
- Optional sizes are available upon request.
- Standard finish: Satin stainless steel. Other finishes are available upon request.
- Available in rectangular design, round or square edges, available sizes:

MODEL	HEIGHT/MM	WIDTH/MM	THICKNESS/MM	EDGES
DFL150X50X14	150	50	14	SQUARE
DFL120X40X13	120	40	13	ROUND & SQUARE
DFL102X51X12	102	51	12	SQUARE
DFL120X41X16	120	41	16	ROUND & SQUARE
DFL120X50X15	120	50	15	ROUND & SQUARE
DFL180X60X20.5	180	60	20.5	ROUND & SQUARE

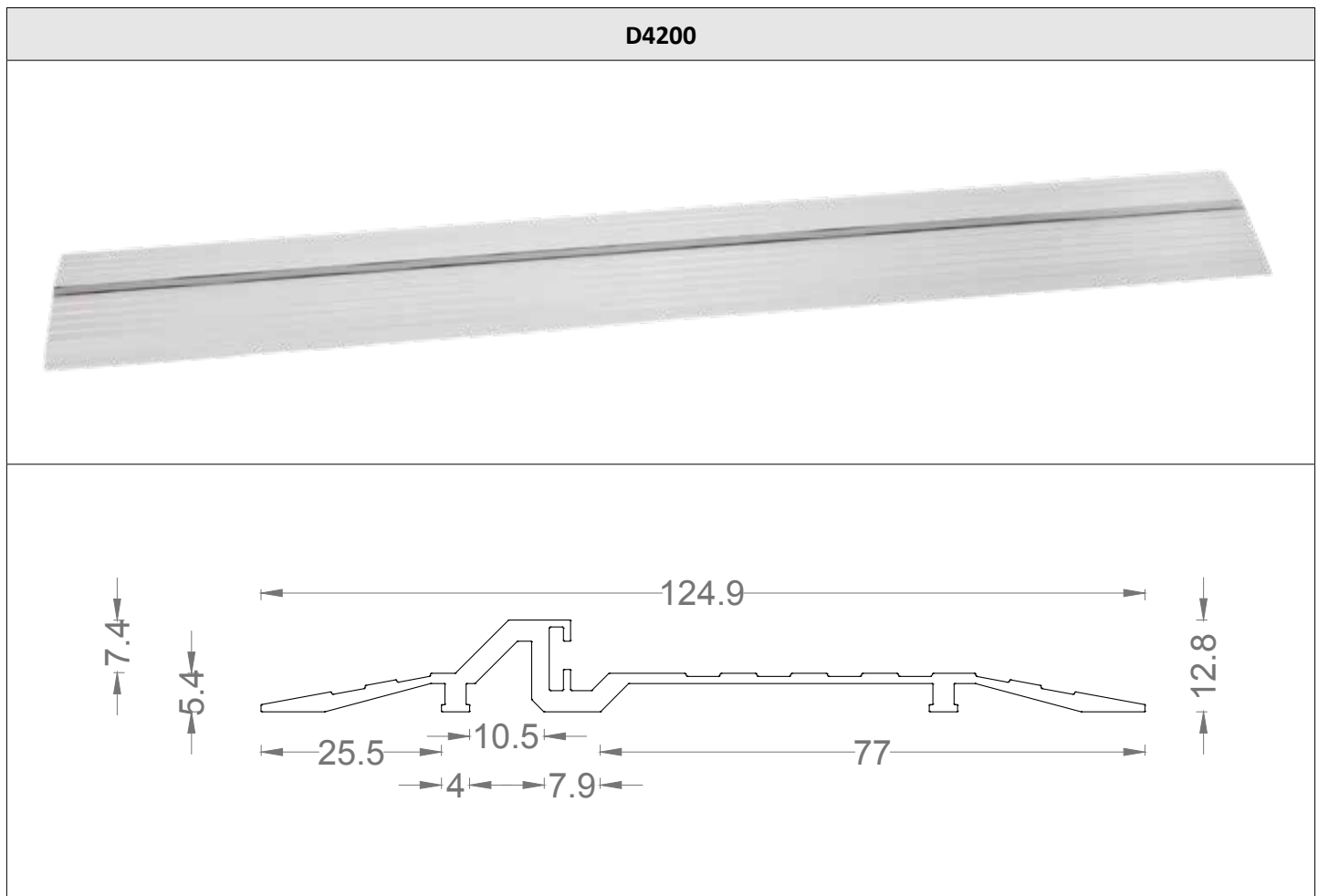


ITEM CODE: D4200 SERIES

THRESHOLD PLATE WITH GREY SILICONE RUBBER AND BEDDING PADS.

Features:

- Area of application: wooden or metal doors.
- Base material: aluminum.
- Suitable for outward opening doors to prevent rain, draughts, light and noise penetration. The high performance silicone rubber compression seal, combined with the vinyl bedding pads, help provide an effective acoustic barrier.
- May be used with a panic type exit device.
- Meets approved document M (England and Wales).
- Standard lengths: 1100 mm and 2000 mm. Optional additional length is available upon request.
- Standard finish: silver anodised aluminium with grey silicone rubber gasket.

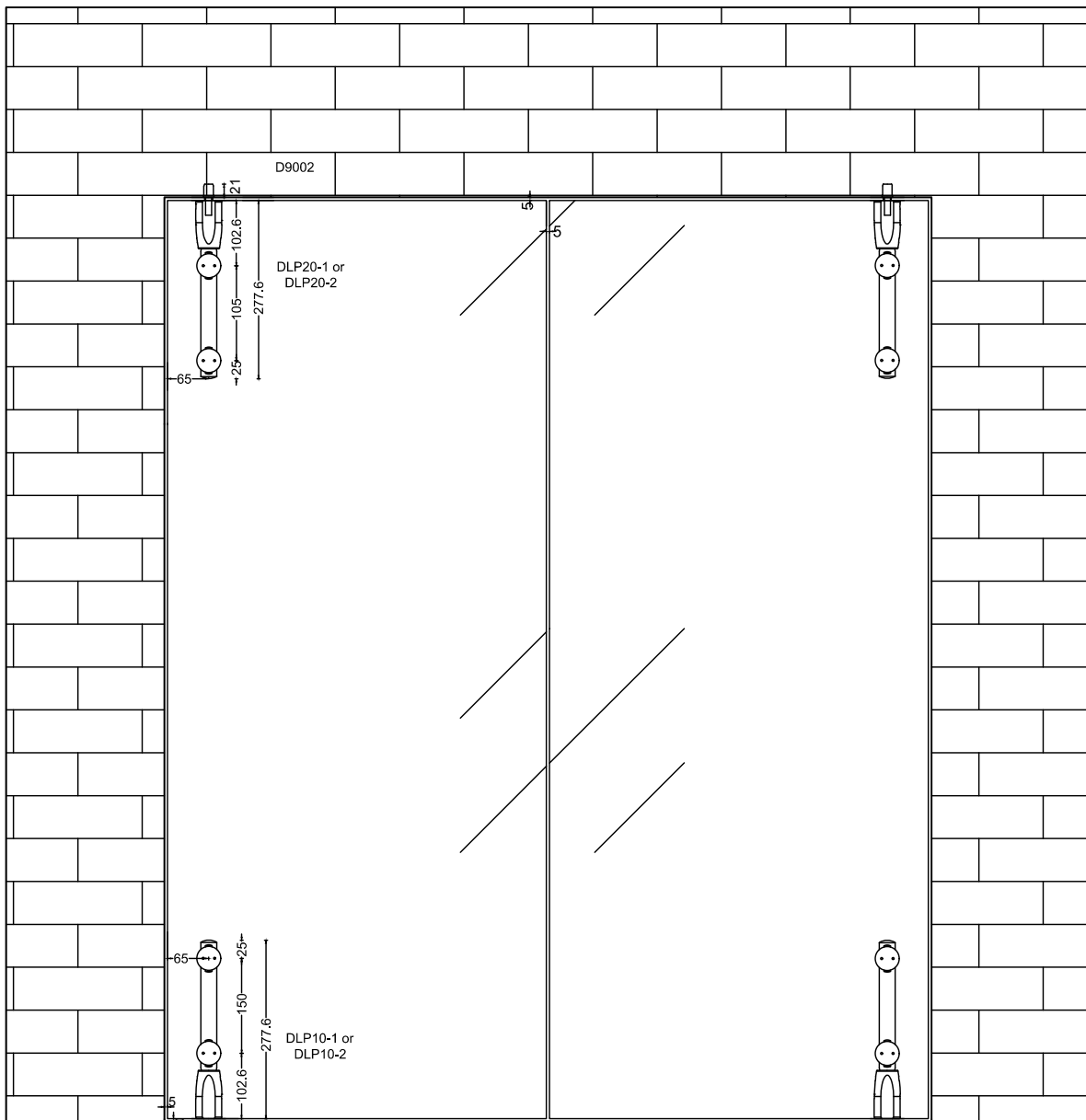



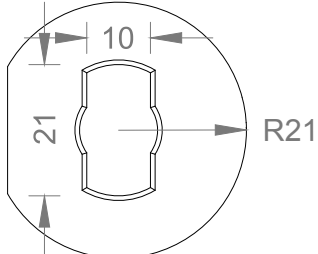

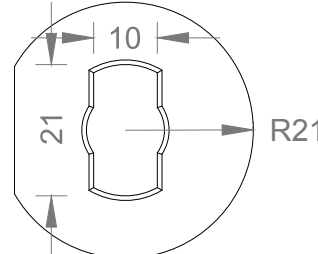


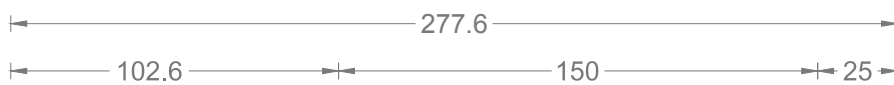
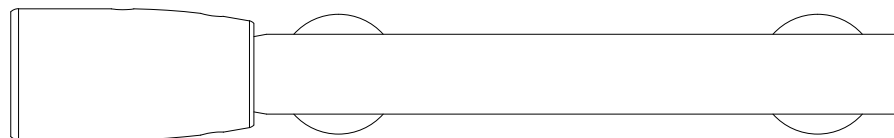
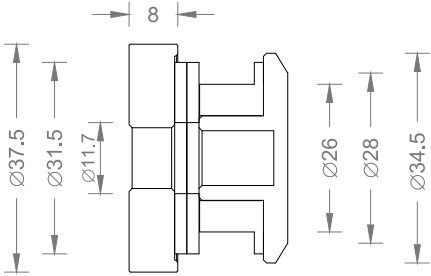
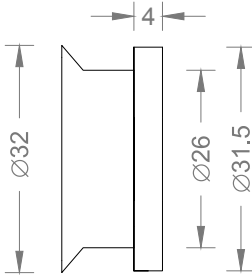



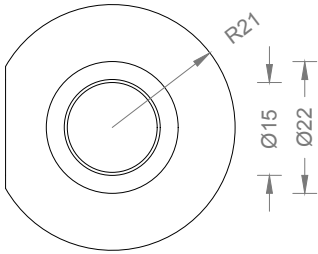

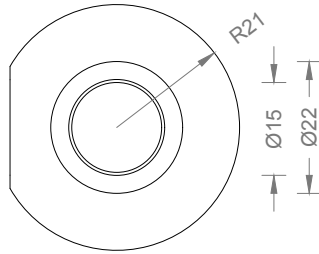




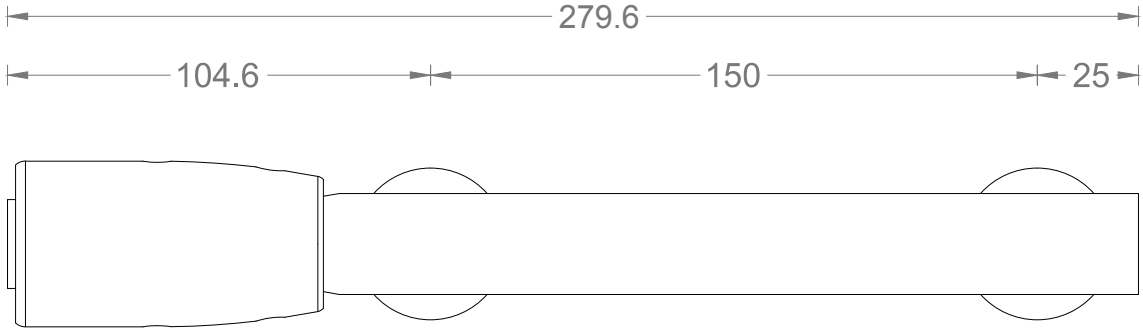
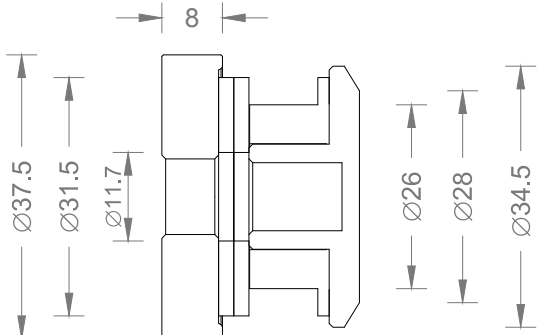
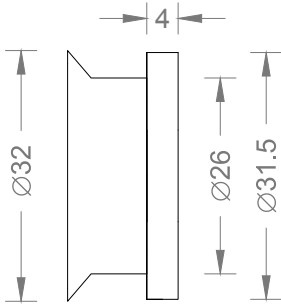
ITEM CODE: PIVOT FRAMELESS GLASS SWING DOOR SYSTEMS

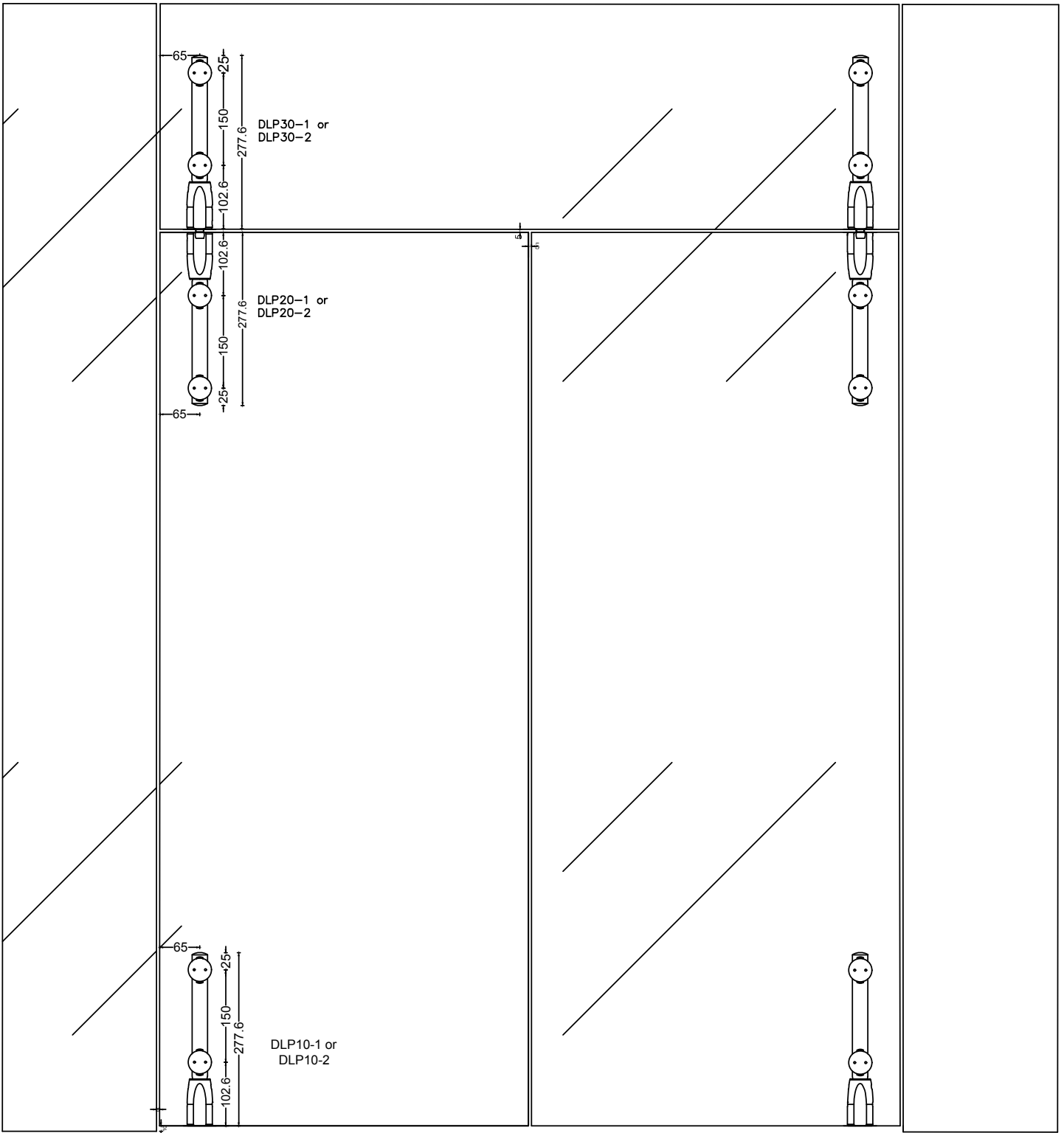
Features:


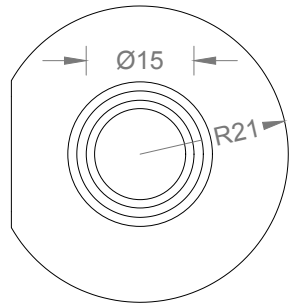

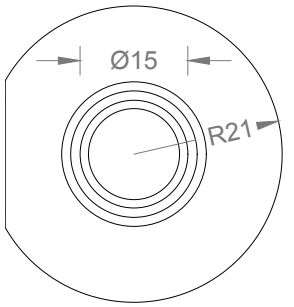




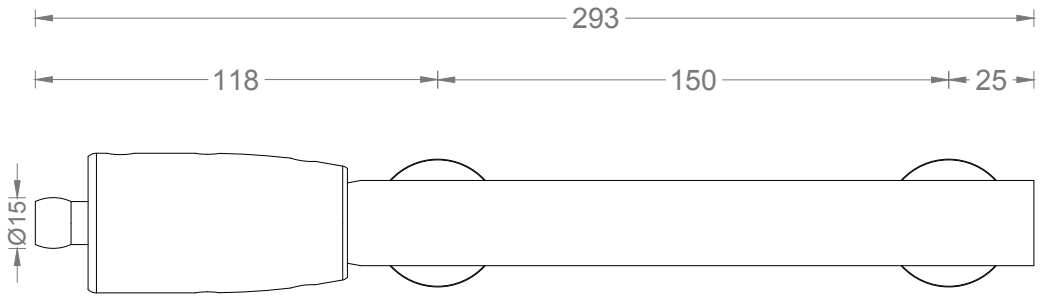
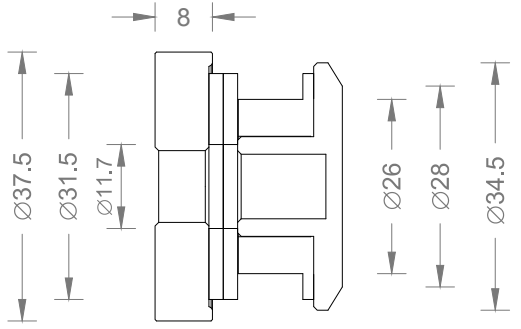
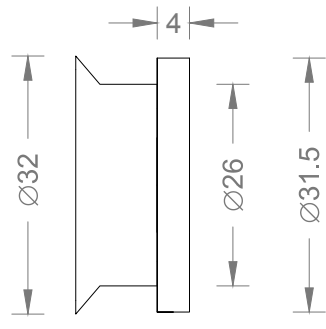
- Made of high-grade stainless steel EN 1.4401 (type 316).
- For frameless glass swing doors.
- For use with glass thickness from 8 to 12 mm.
- Optional design: Flush-mount (countersunk) or surface-mount (flat cap) glass fabrication.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

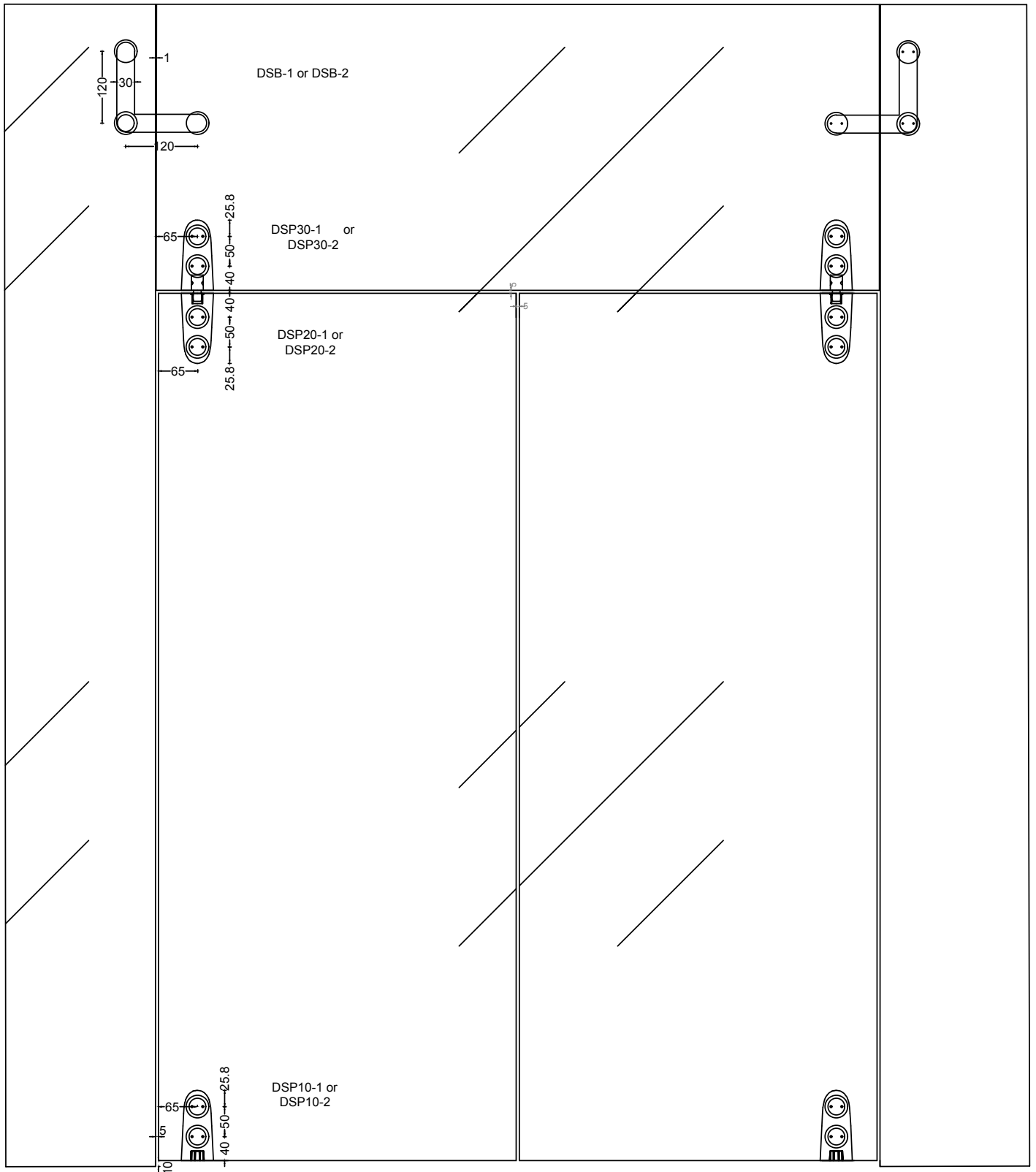



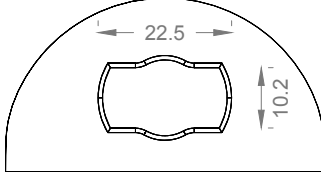

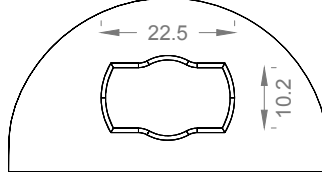




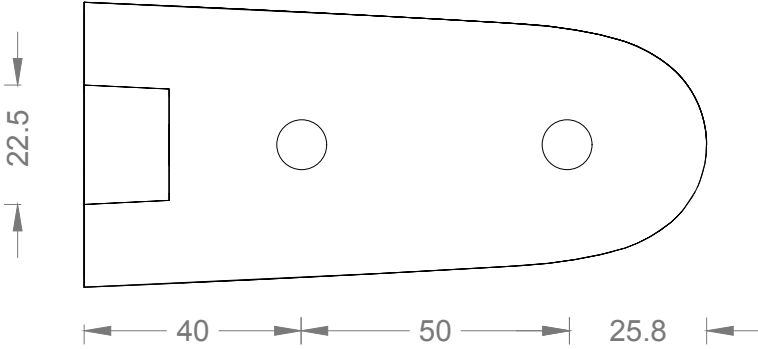
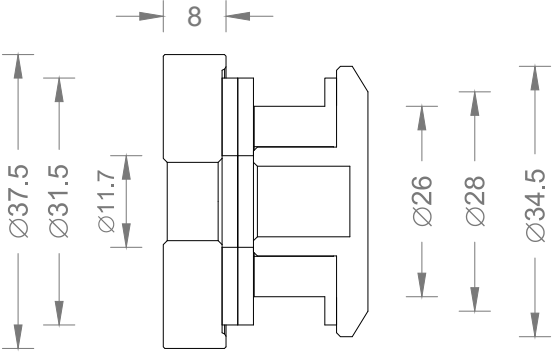
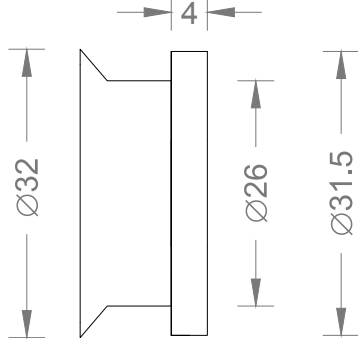
ITEM ILLUSTRATED AND DIMENSIONS			
DLP10-1		DLP10-2	
			
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	


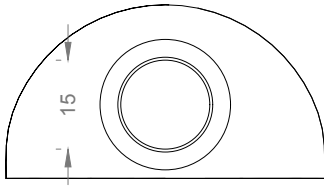

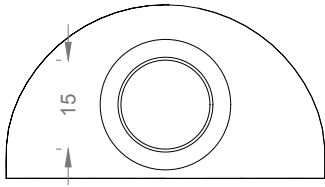




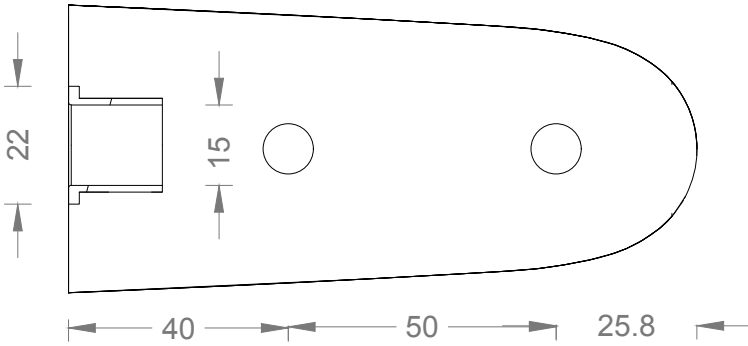
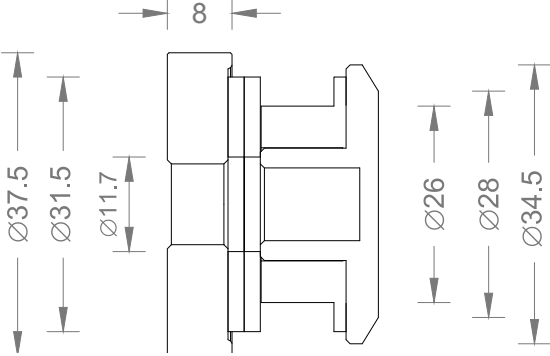
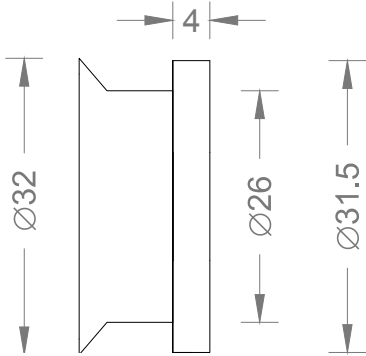
ITEM ILLUSTRATED AND DIMENSIONS			
DLP20-1		DLP20-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	


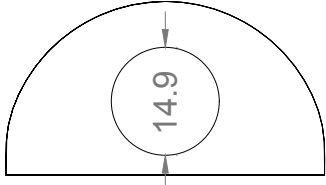

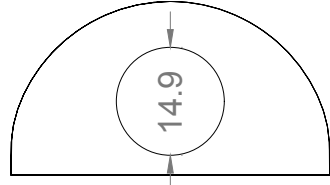


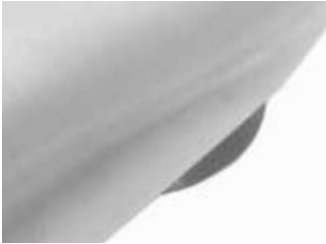

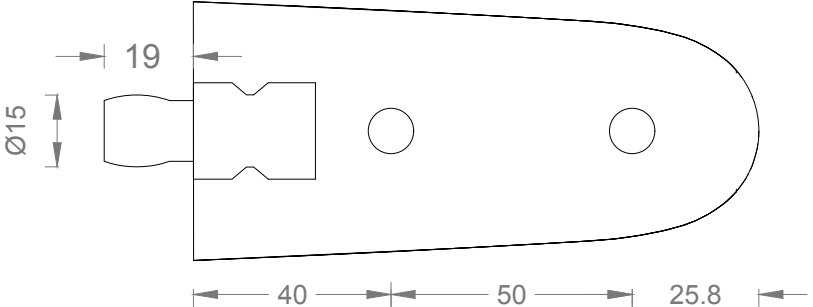
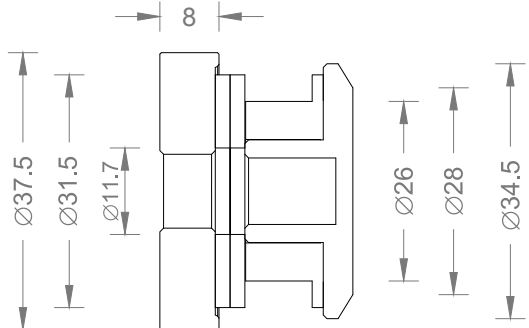
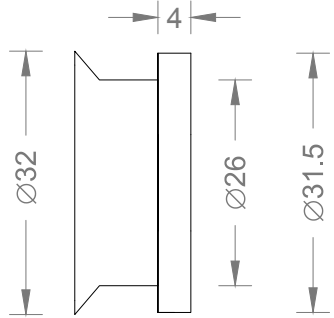


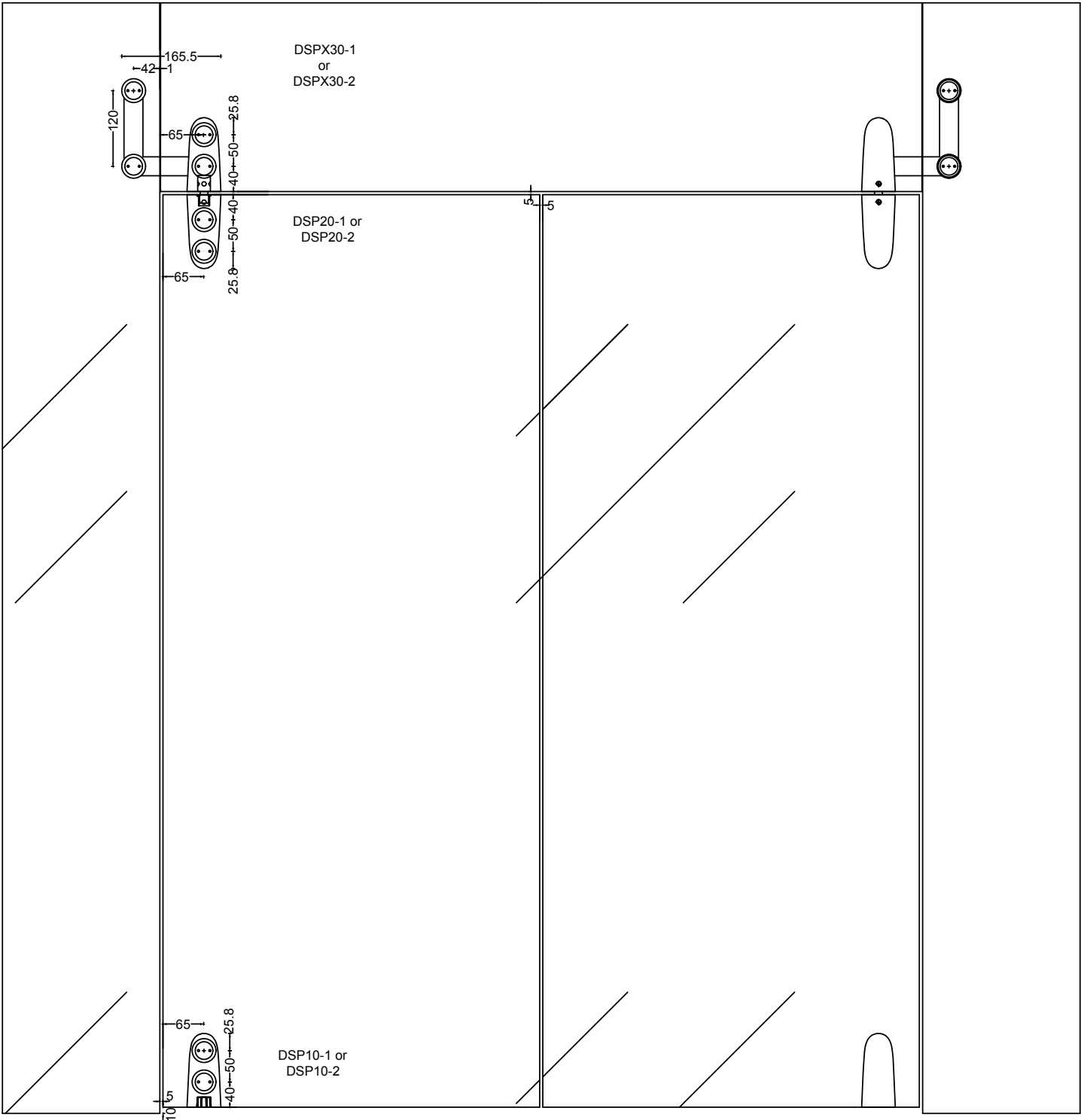
ITEM ILLUSTRATED AND DIMENSIONS			
DLP30-1		DLP30-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	


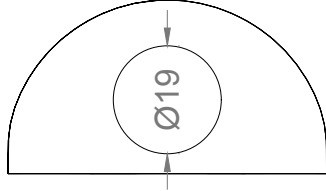

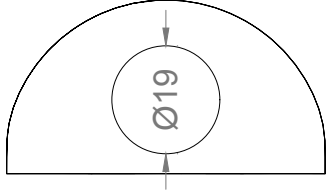




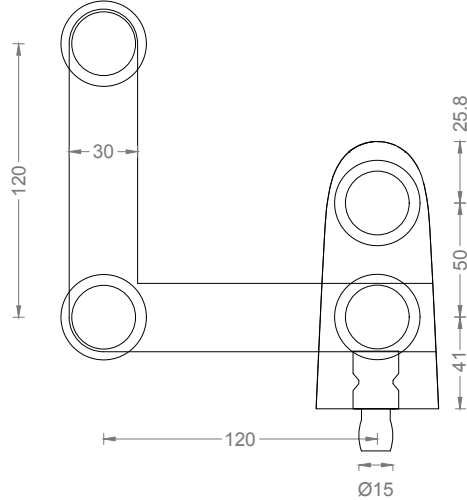
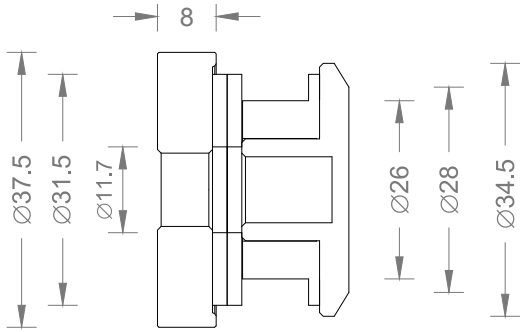
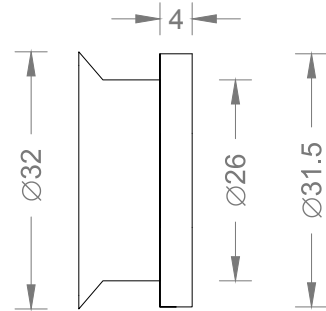


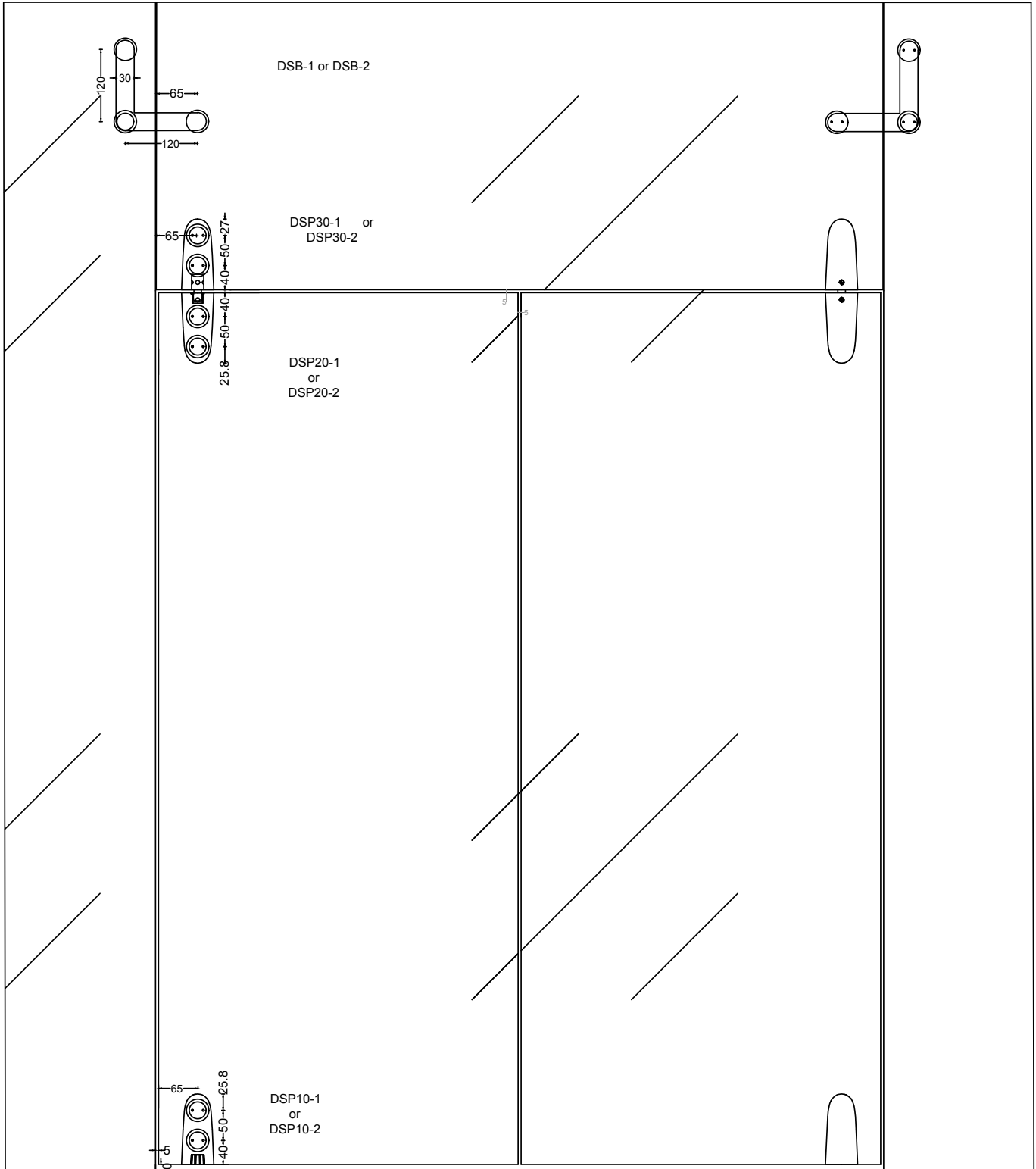
ITEM ILLUSTRATED AND DIMENSIONS			
DSP10-1		DSP10-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	





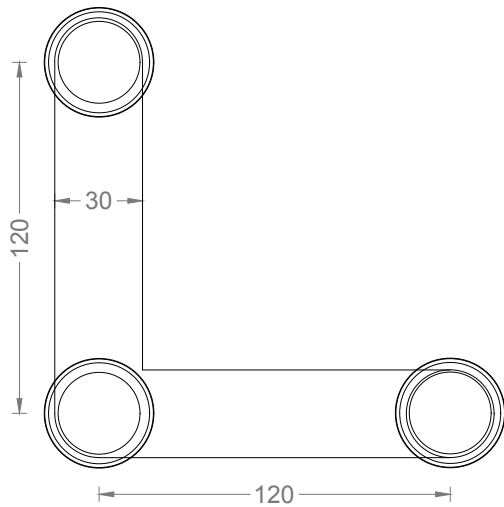
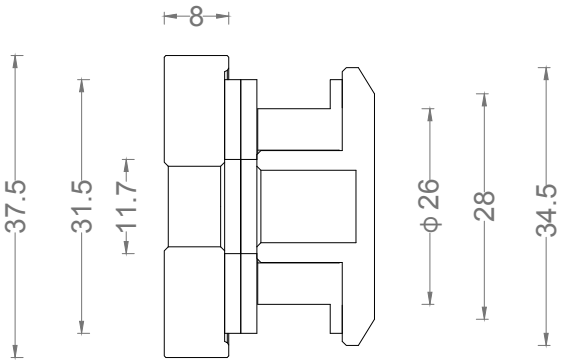
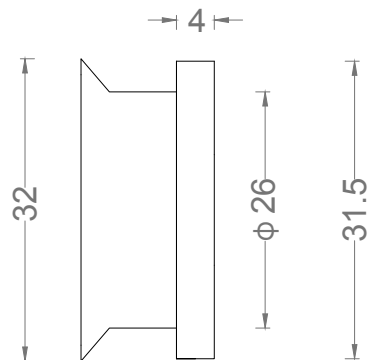
ITEM ILLUSTRATED AND DIMENSIONS			
DSP20-1		DSP20-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	



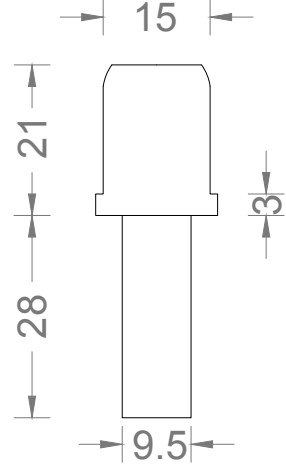




ITEM ILLUSTRATED AND DIMENSIONS			
DSP30-1		DSP30-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	



ITEM ILLUSTRATED AND DIMENSIONS			
DSPX30-1		DSPX30-2	
			
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	



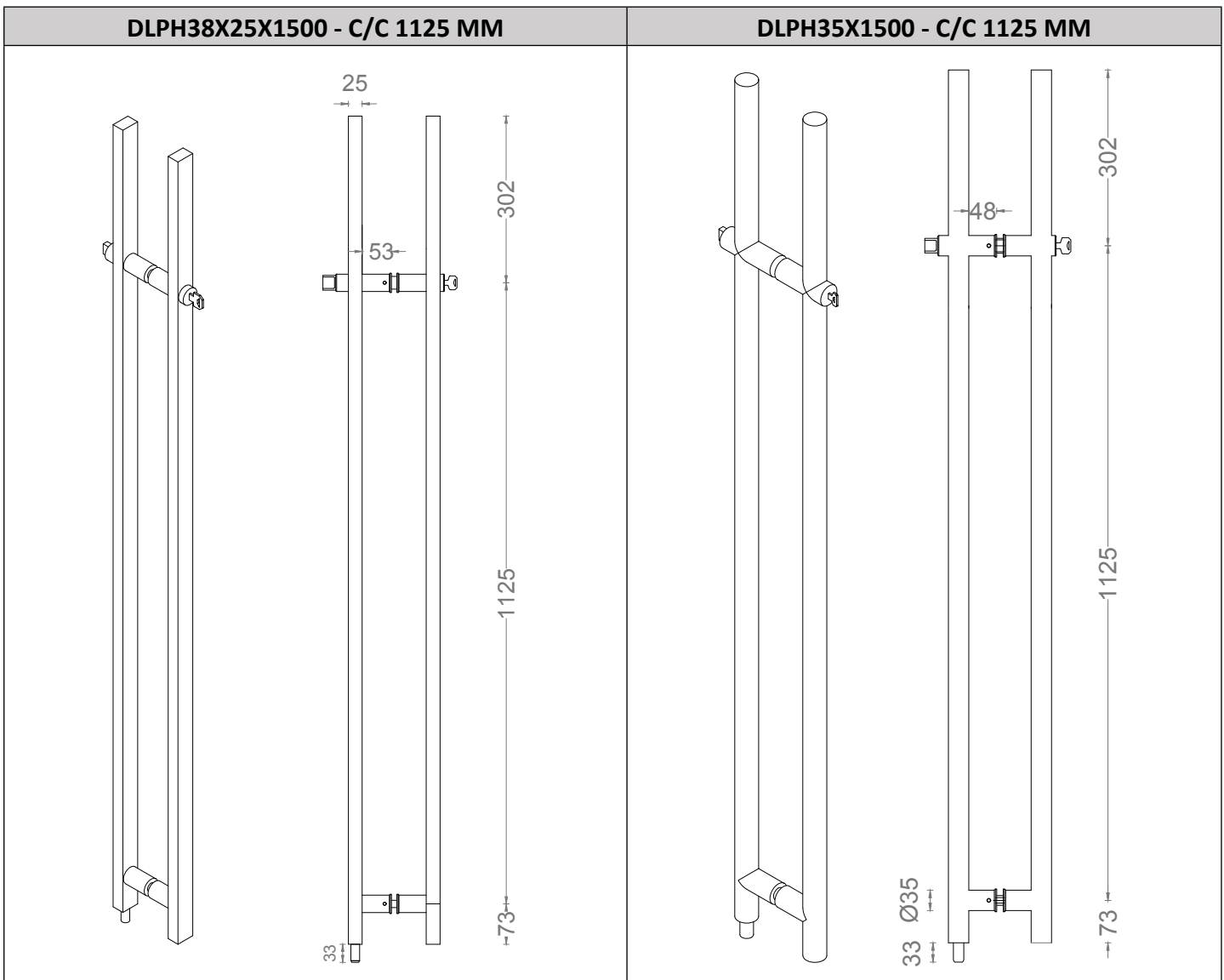
ITEM ILLUSTRATED AND DIMENSIONS			
DSB-1		DSB-2	
			
			
 <p>Glass thickness from 8 to 12 mm</p>		 <p>Glass thickness from 8 to 12 mm</p>	

ITEM ILLUSTRATED AND DIMENSIONS	
DEB	9002
	 
RRB-1	RRB-2
	
D9002X	RRBX
	

ITEM CODE: DLPH SERIES

Features:

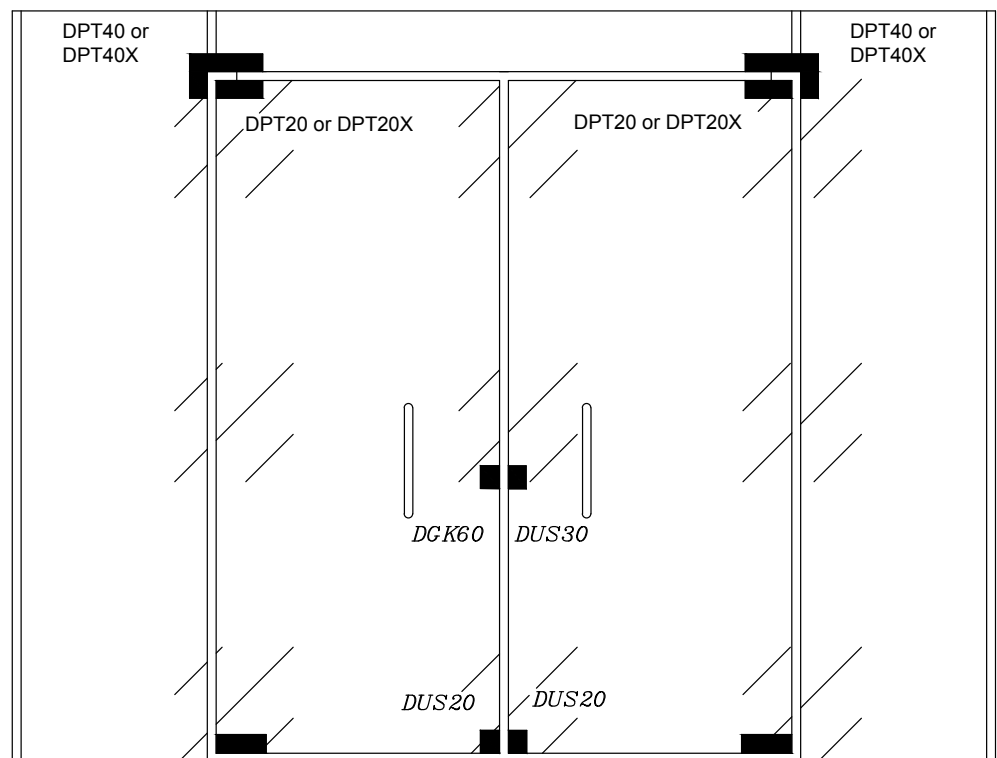
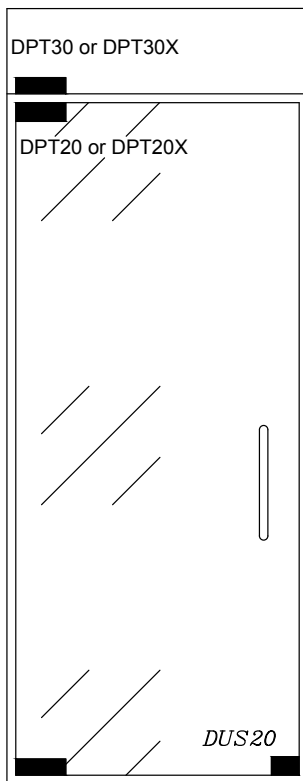
- Area of application: for glass doors
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Optional: Stainless steel EN 1.4401 (type SUS316)
- Available design: Round (dia. 35 mm) and Rectangular (38x25 mm).
- Standard accessories: back-to-back.
- Standard available length: 1500 mm (Centre to centre 1125 mm). Optional lengths are available.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.


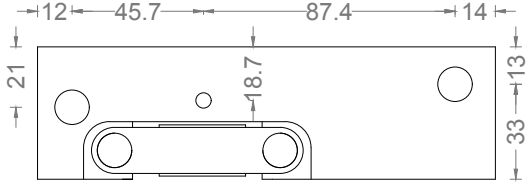

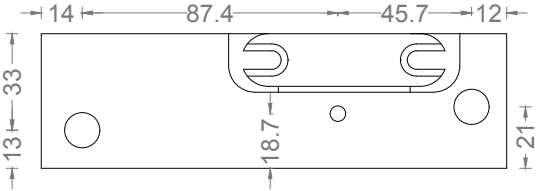

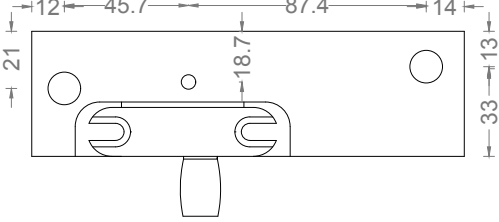

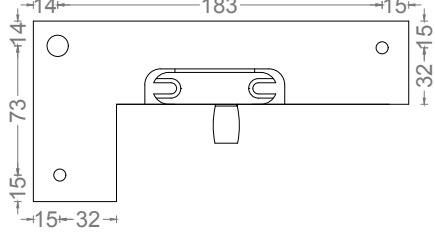

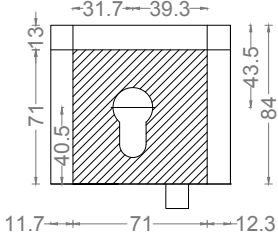

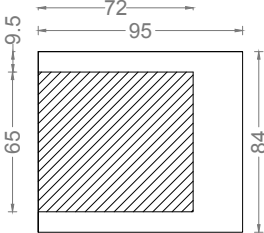



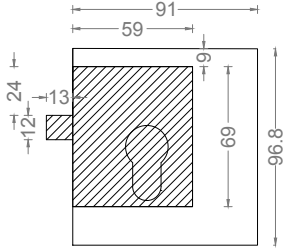

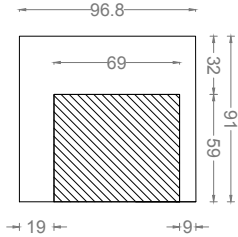

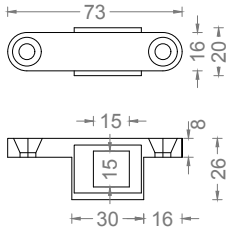

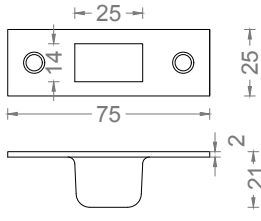

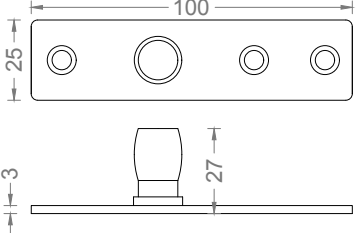

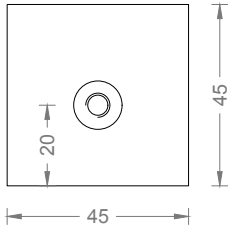
ITEM CODE: PATCH FITTINGS (DPT), LOCKS and CLAMPS (DX)


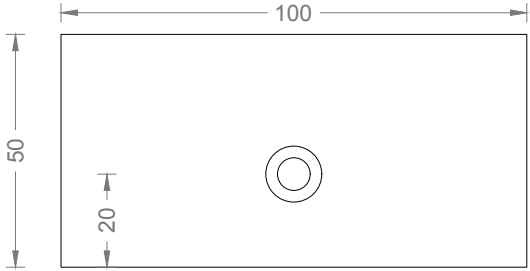

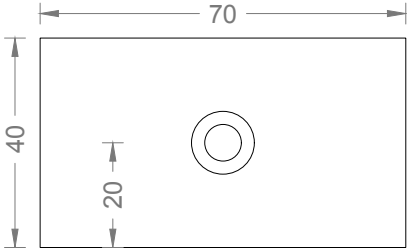

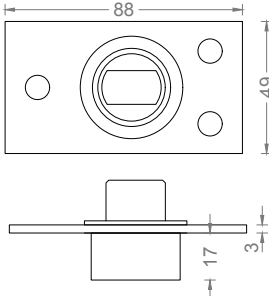

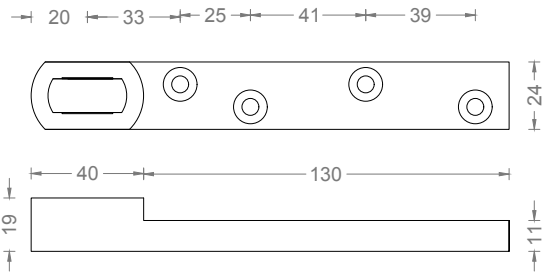

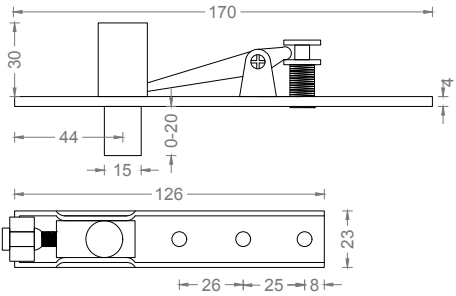
Features:


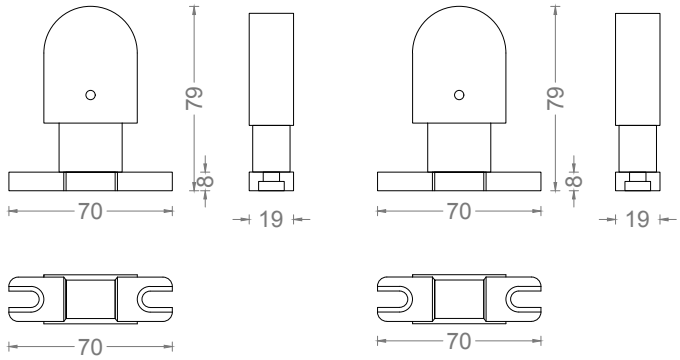

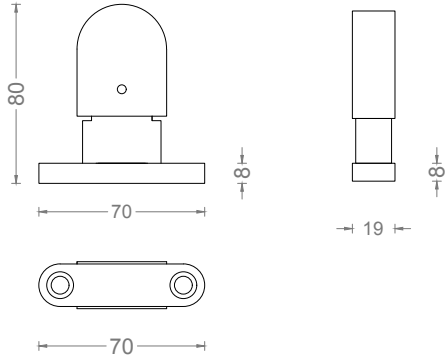

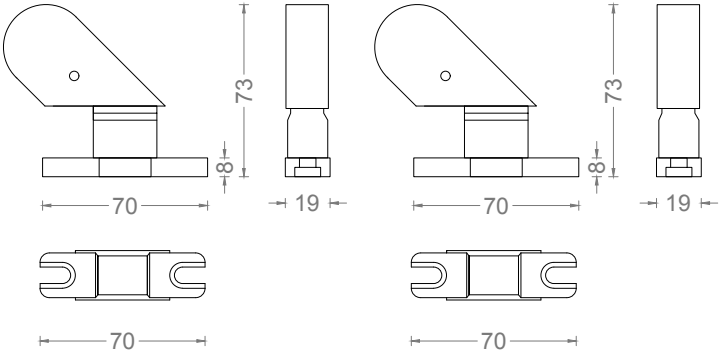

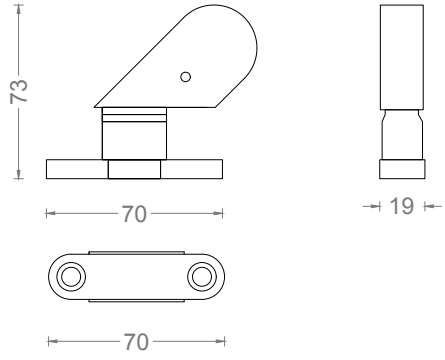
- DPT standard body material and thickness: Aluminium, 7 mm.
- DPT heavy-duty body material and thickness: Aluminium, 10 mm
- DPT standard cover: Satin or Polished Stainless steel EN 1.4401 (type 316), 0.8 mm thickness.
- DPT heavy-duty cover: Satin or Polished Stainless steel EN 1.4301 (type 304), 1 mm thickness.
- Middle locks (DUS20 or DUD30) and receivers/strikes (DGK50 or DGK60) cover thickness & body thickness: Aluminium, 0.6 mm.
- DPT is suitable for max door weight: 80 kgs and maximum door width: 1100 mm.
- DPT heavy-duty is designed for max door weight: 150 kgs.
- DPT, DUS20, DGK50 and DX are suitable for glass door thickness: 8-12 mm
- DPT heavy-duty is suitable for glass door thickness: up to 22 mm, supplied with longer screws.
- Complete with screws and cushion parts.
- Other finishes are available upon request.



ITEM #	ITEM Photo	ITEM ILLUSTRATED AND DIMENSIONS
<p>DPT10 or DPT10X BOTTOM CLAMP</p>		
<p>DPT20 or DPT20X UPPER CLAMP</p>		
<p>DPT30B or DPT30X TOP CLAMP WITH WALL PLATE</p>		
<p>DPT40 or DPT40X CORNER CLAMP</p>		
<p>DUS20 SQUARE LOCK</p>		
<p>DGK50 SQUARE RECEIVER FOR DUS20</p>		

ITEM #	ITEM Photo	ITEM ILLUSTRATED AND DIMENSIONS
<p>DUS30 SQUARE LOCK</p>		
<p>DGK60 SQUARE RECEIVER FOR DUS30</p>		
<p>DG2 RECTANGULAR HEAD FOR DPT10 or DPT10X</p>		
<p>DLC2 LOCK CATCH FOR SQUARE LOCK DUS20</p>		
<p>DP2 TOP PIVOT FOR DPT20 or DPT20X</p>		
<p>DX1 CLAMP 45X45X4MM</p>		

ITEM #	ITEM Photo	ITEM ILLUSTRATED AND DIMENSIONS
<p>DX2 CLAMP 100X50X4MM</p>		
<p>DXX CLAMP 70X40X4MM</p>		
<p>DP3 FLOOR MOUNTED PIVOT</p>		
<p>DP4 BOTTOM DOOR STRAP</p>		
<p>DP5 RETRACTABLE TOP PIVOT & ADJUSTABLE TOP CENTER</p>		

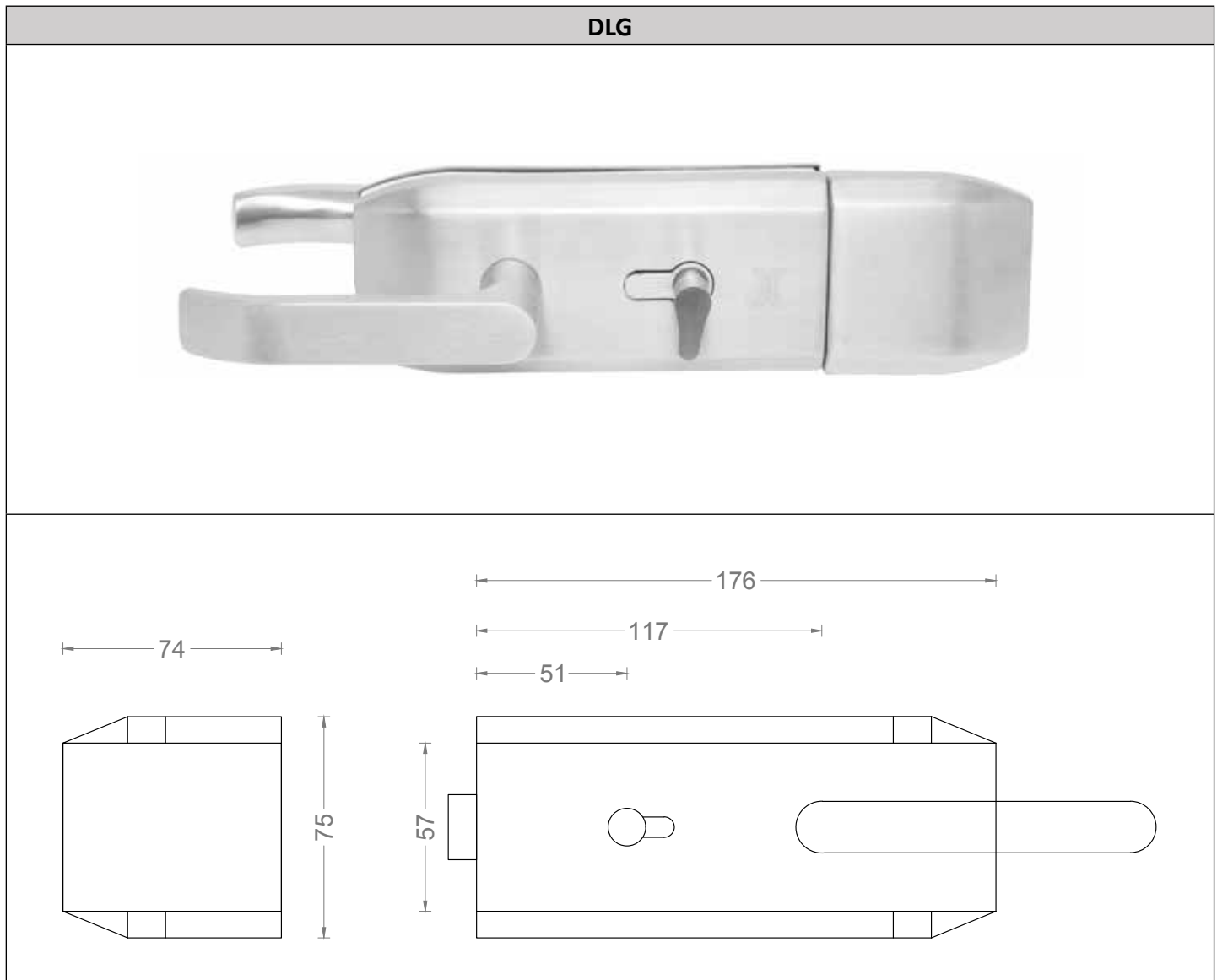
ITEM #	ITEM Photo	ITEM ILLUSTRATED AND DIMENSIONS
<p>DG3-90 TOP</p>		
<p>DG3-90 BOTTOM</p>		
<p>DG3-135 TOP</p>		
<p>DG3-135 BOTTOM</p>		

ITEM CODE: DLG

Glass door lock with handle and Europrofile cylinder

Features:

- Area of application: for glass doors
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Optional: Stainless steel EN 1.4401 (type SUS316)
- Includes Euro Cylinder (thumb turn from inside and key from outside) and lever handle.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

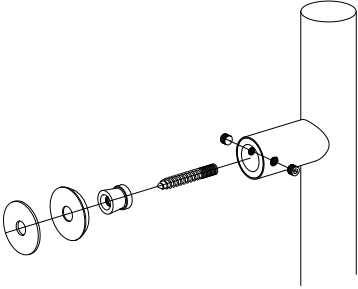
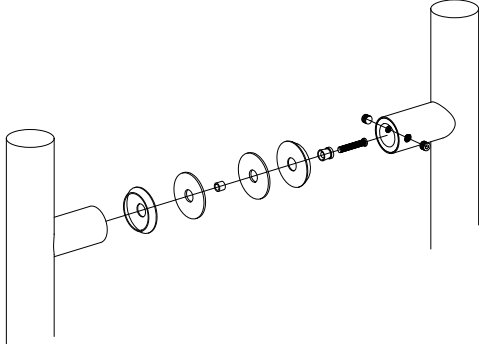
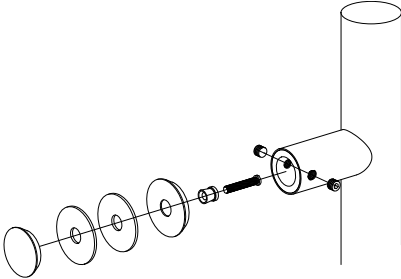
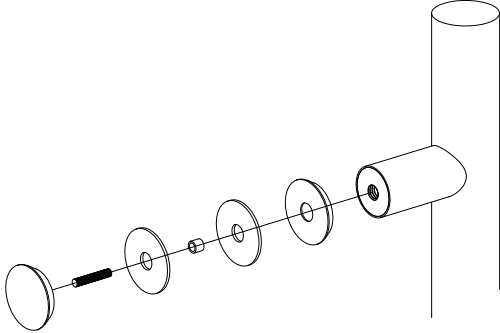


ITEM CODE: DPH PULL HANDLES SERIES

Features:

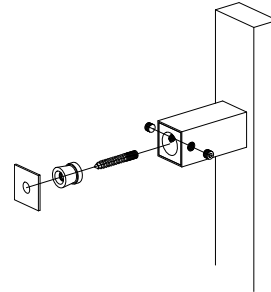
- Area of application: for wood, steel or glass doors
- Standard: Stainless steel EN 1.4301 (type SUS304). Optional: Stainless steel EN 1.4401 (type SUS316)
- Available in round and rectangular design
- Accessories are available in back-to-back, bolt fix and concealed fixing
- Standard available lengths: 1200 mm, 900 mm and 600 mm for round design. 1500 mm, 1200 mm and 600 mm for rectangular design. Optional lengths are available.
- Standard finish: Satin Stainless Steel (SSS). Other finishes are available upon request.

<p>DPH32X1200 - C/C 1050 MM (PHOTO ILLUSTRATED BELOW) DPH32X900-C/C 750 MM DPH32X600-C/C 450 MM</p>	<p>DPH20X40X1500 - C/C 1350 MM DPH20X40X1200-C/C 1050 MM (PHOTO ILLUSTRATED BELOW) DPH20X40X600-C/C 450 MM</p>

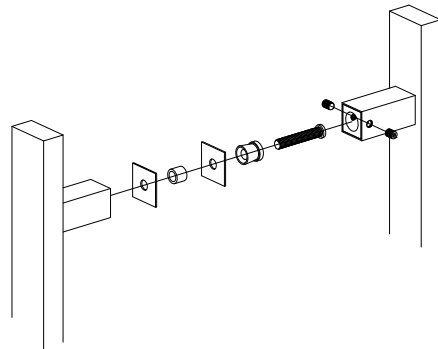
ACCESSORIES TYPE SUITABLE FOR ROUND PULL HANDLES	
<p>CONCEALED FIXING – ACC X FOR WOOD DOORS DRILLED PULL HANDLES</p>	
<p>BACK TO BACK – ACC D FOR WOOD, STEEL AND GLASS DOORS DRILLED AND UNDRILLED PULL HANDLES</p>	
<p>BOLT FIX – ACC 5B FOR WOOD AND STEEL DOORS DRILLED PULL HANDLES</p>	
<p>BOLT FIX – ACC 4B FOR WOOD, STEEL AND GLASS DOORS UNDRILLED PULL HANDLES</p>	

ACCESSORIES TYPE SUITABLE FOR RECTANGULAR PULL HANDLES

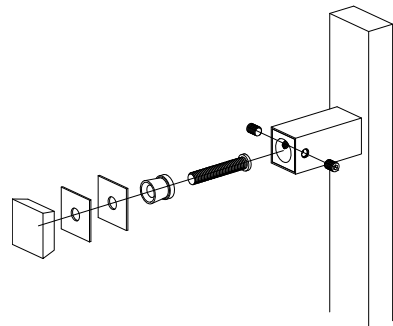
**CONCEALED FIXING – ACC X1
FOR WOOD DOORS
DRILLED PULL HANDLES**



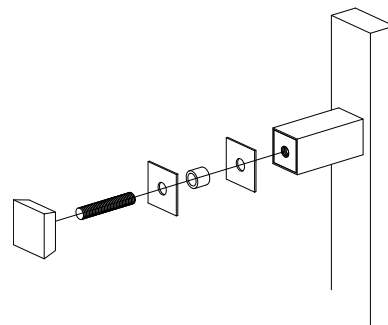
**BACK TO BACK – ACC A
FOR WOOD, STEEL AND GLASS DOORS
DRILLED AND UNDRILLED PULL HANDLES**



**BOLT FIX – ACC C
FOR WOOD AND STEEL DOORS
DRILLED PULL HANDLES**



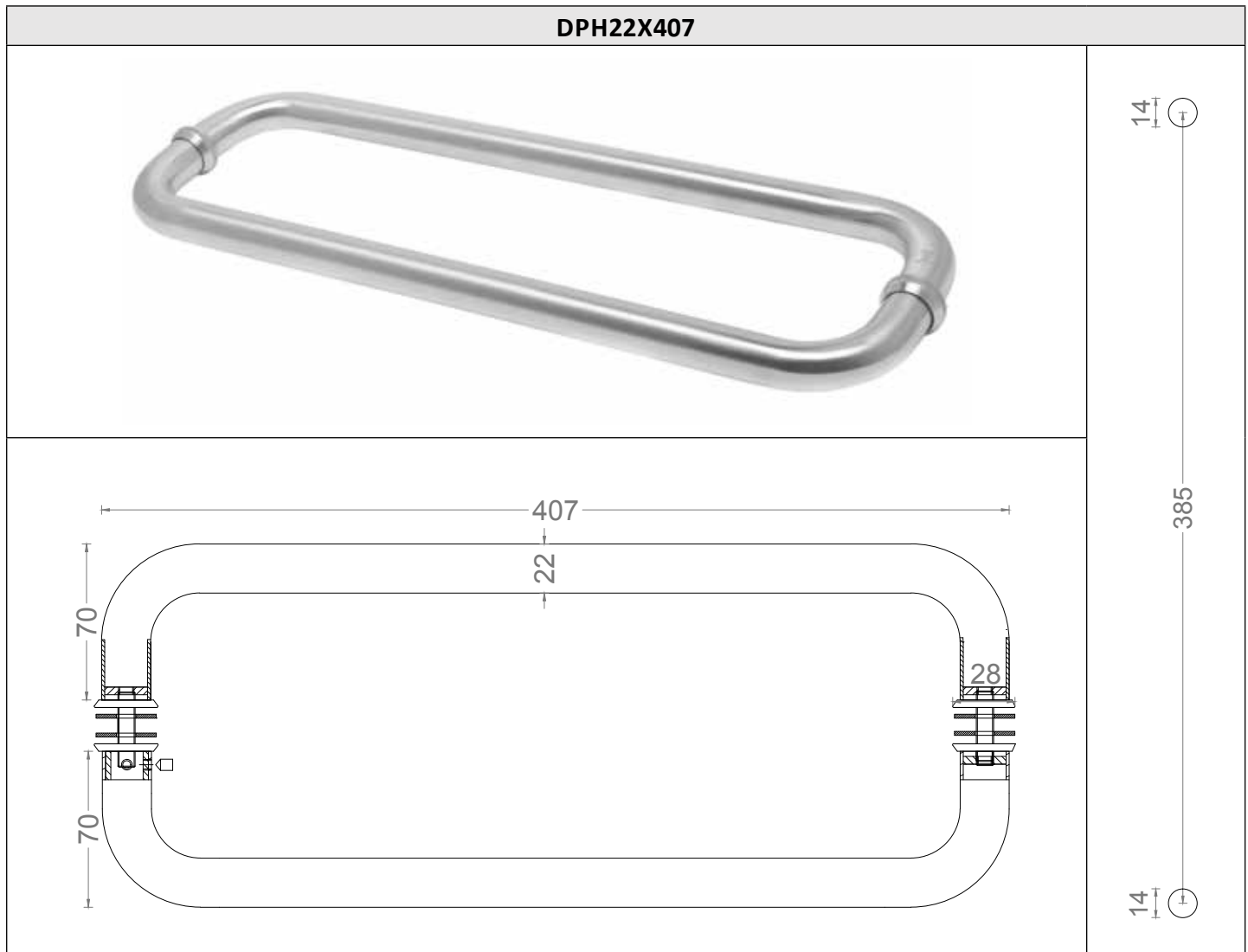
**BOLT FIX – ACC B
FOR WOOD, STEEL AND GLASS DOORS
UNDRILLED PULL HANDLES**



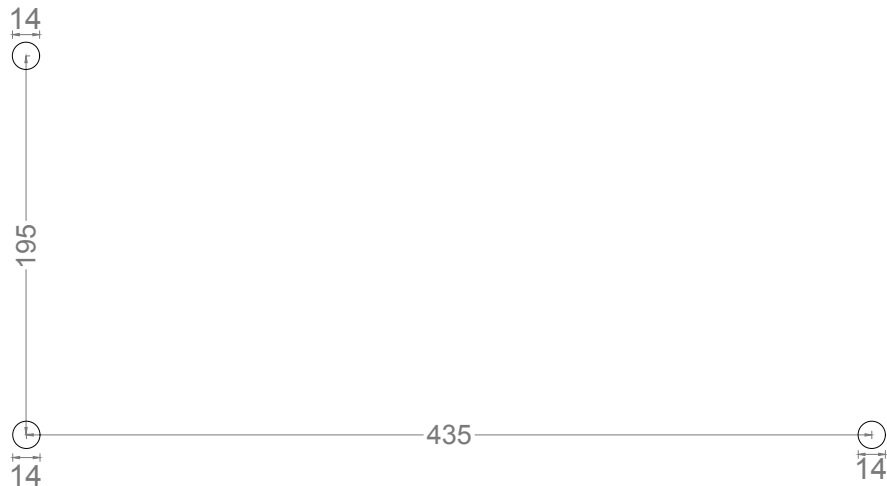
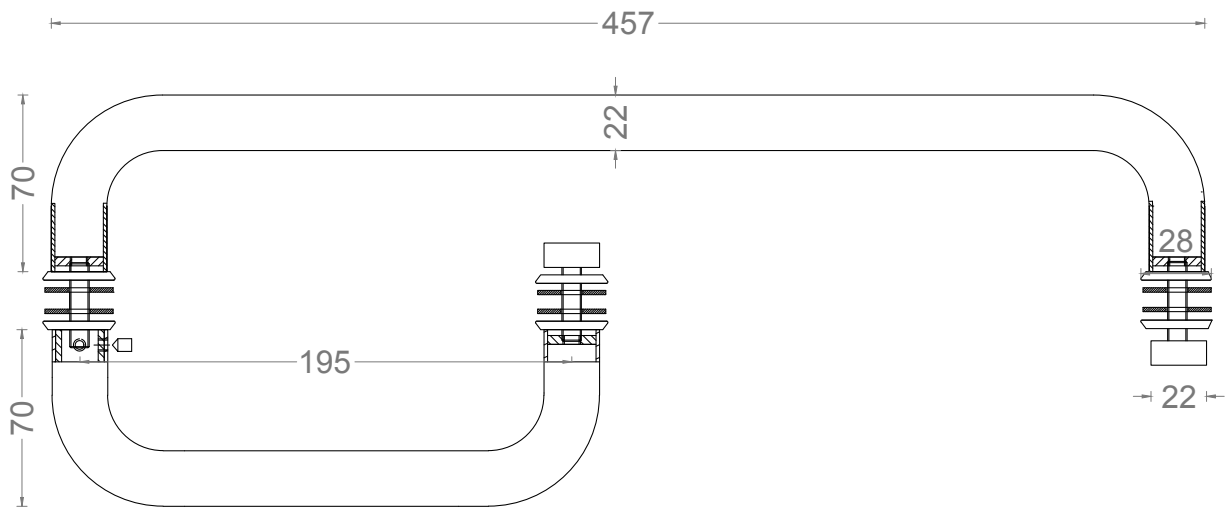
ITEM CODE: DPH22 SERIES
SHOWER FRAMELESS GLASS DOORS PULL HANDLES

Features:

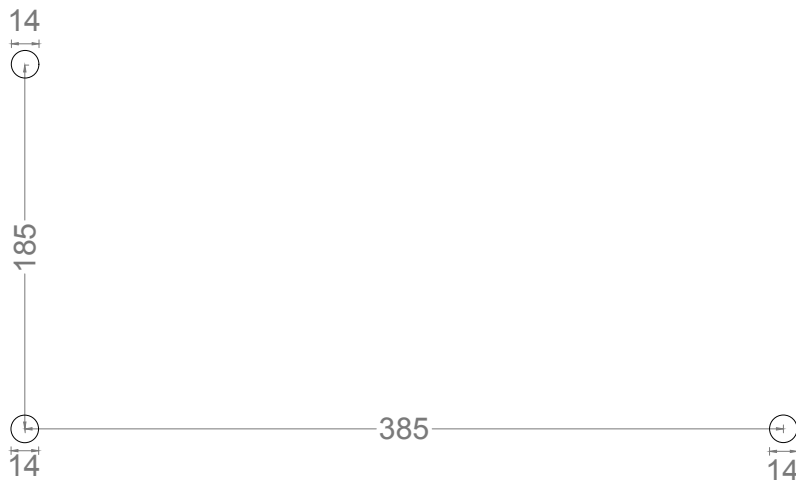
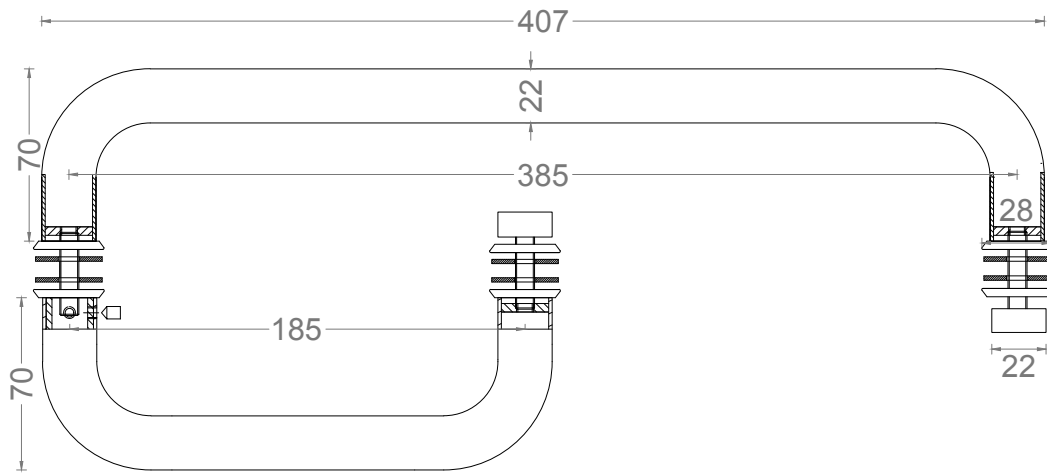
- Area of application: for shower frameless tempered glass doors.
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Optional: Stainless steel EN 1.4401 (type SUS316)
- Complete with fixing screws, gasket and Allen key.
- Tube diameter 22mm, thickness 1.5mm
- Glass door thickness: 8 to 12 mm.
- Standard finish: Satin or Polished Stainless Steel. Other finishes are available upon request.



DPH22X457X217





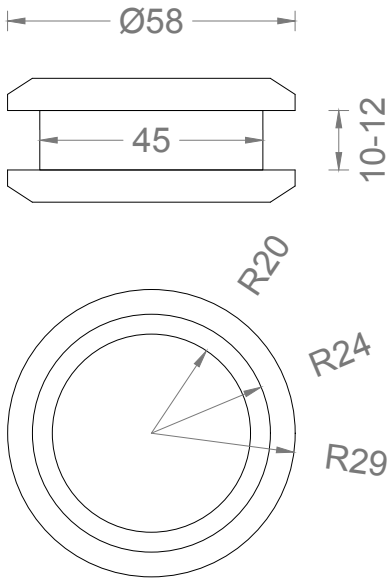
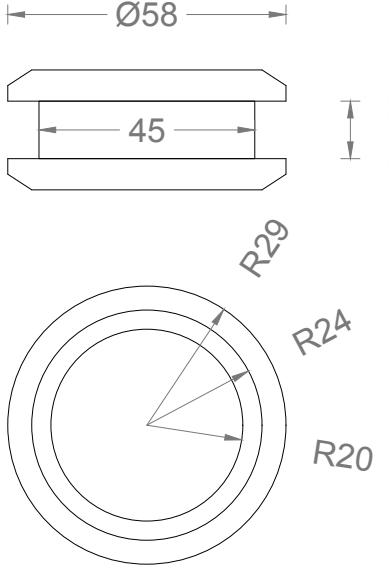
DPH22X407X207



ITEM CODE: DSFP SERIES
SLIDING SHOWER DOOR FINGER PULL

Features:



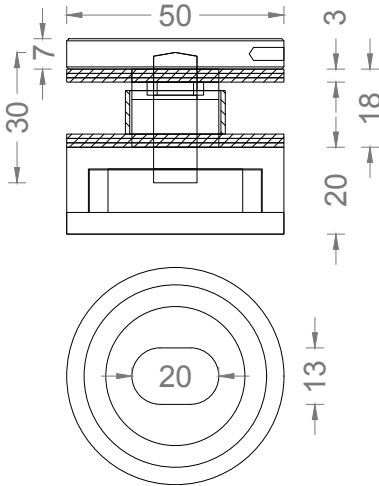
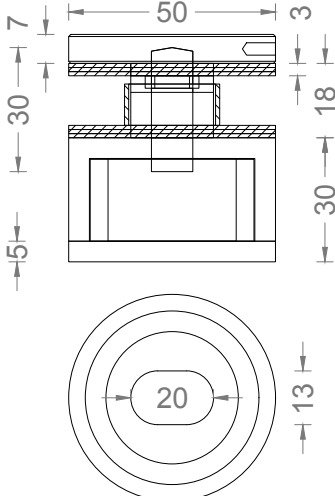
- Area of application: for glass doors.
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Door thickness: 10 to 12 mm.
- Standard finish: Satin or Polished Stainless Steel. Other finishes are available upon request.

DSFP-1	DSFP-2
	
	

ITEM CODE: DGS-20 and DGS-30
MULTI DIRECTIONAL ADJUSTABLE GLASS STANDOFFS

Features:

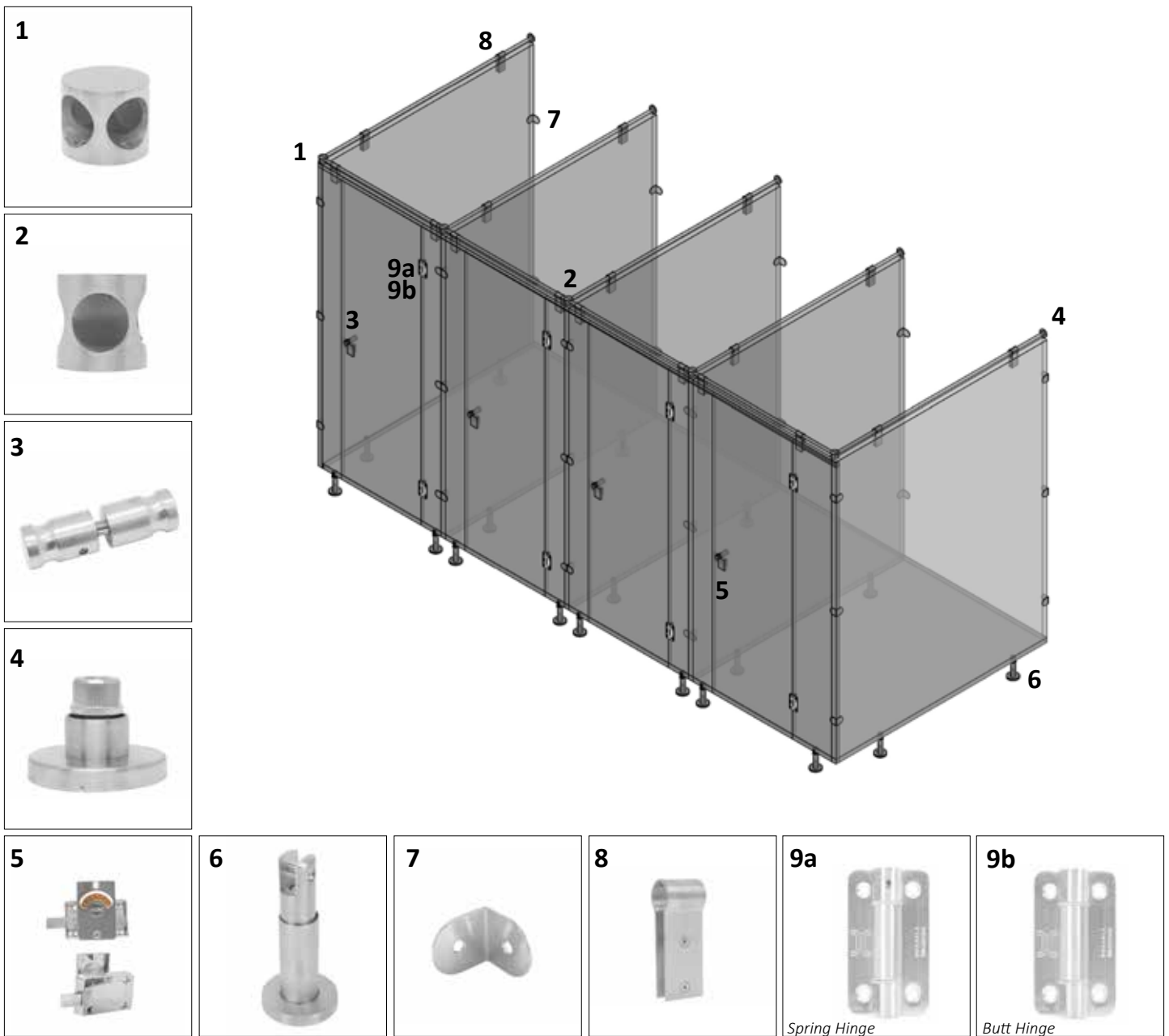
- Area of application: For glass panels.
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Suitable for glass thickness: up to 18mm.
- Multi directional.
- Unique back fixing plate that can extend.
- No need for extra shims or spacers when the fixing surface is not in perfectly level condition.
- Standard finish: Satin Stainless Steel. Other finishes are available upon request.

DGS-20	DGS-30
	
	

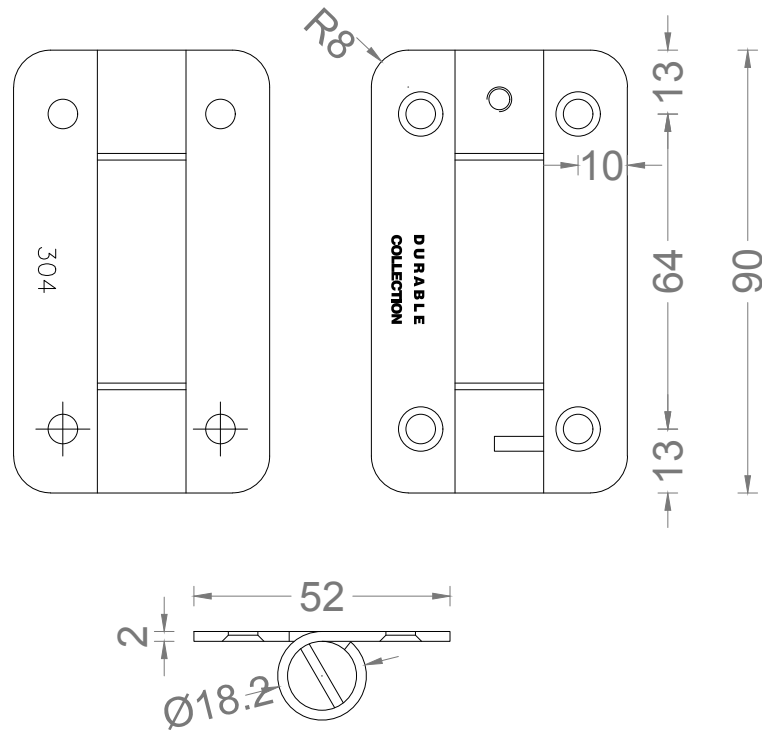
ITEM CODE: DCPF SERIES
CUBICLE PARTITION FITTINGS

Features:

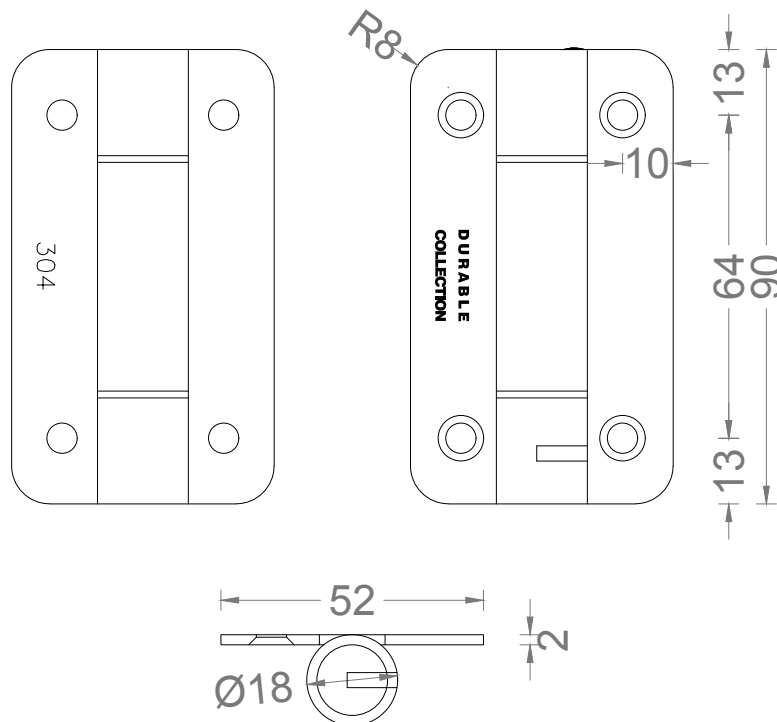
- Area of application: Cubicle partition.
- Standard: Stainless steel EN 1.4301 (type SUS304)
- Suitable for glass thickness: up to 14mm.
- Standard finish: Satin Stainless Steel. Other finishes are available upon request.



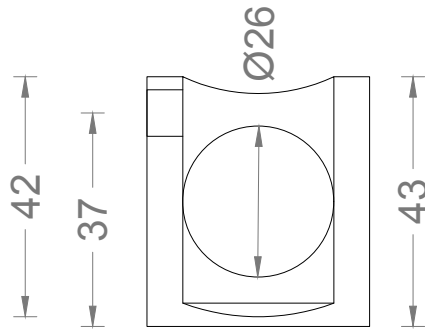
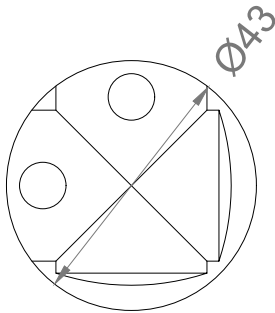
DSH3522



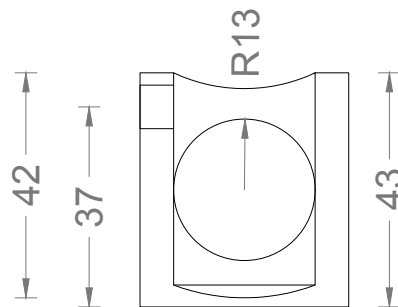
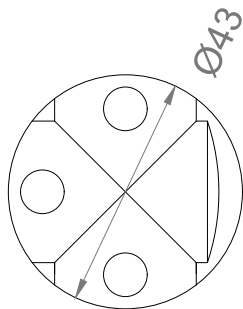
HG3.522SS304



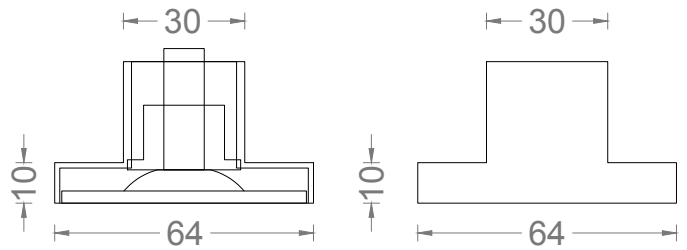
DCPF-1



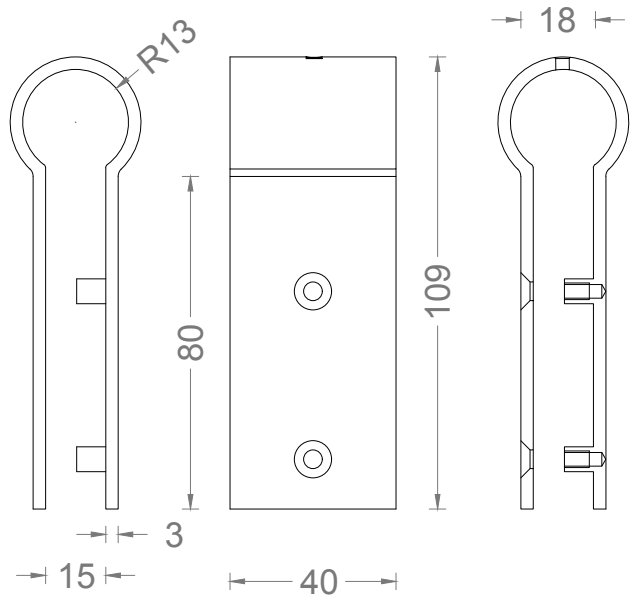
DCPF-2



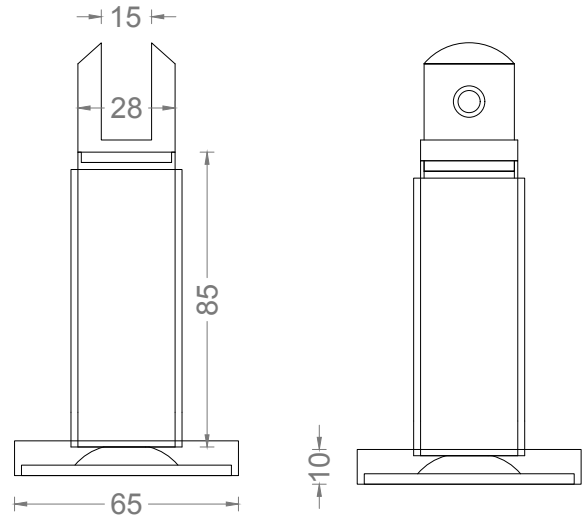
DCPF-3



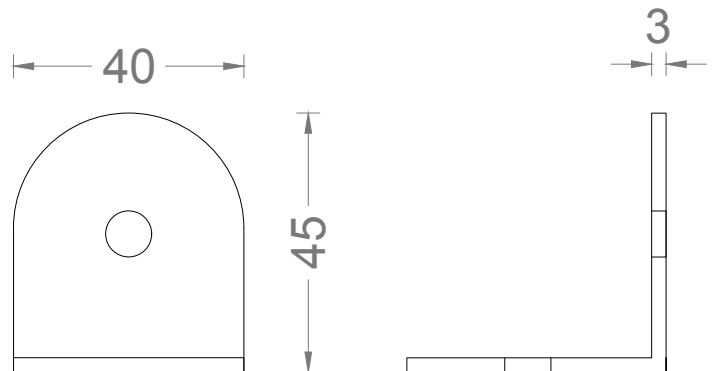
DCPF-4



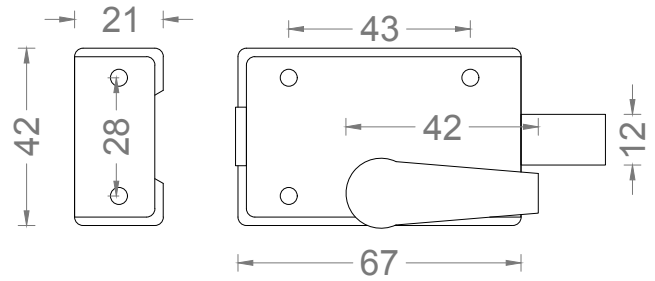
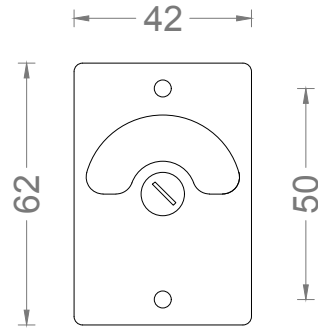
DCPF-5



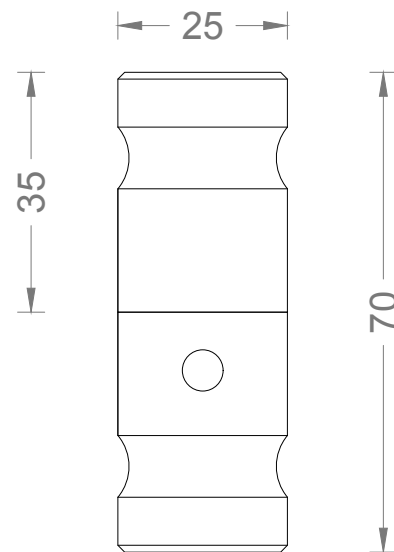
DCPF-6



DCPF-7



DCPF-8



ITEM CODE: DSH301 & DSH303
SHOWER HINGES FOR FRAMELESS GLASS DOORS

Features:

- Area of application: for frameless glass doors.
- Material: solid brass.
- Door thickness: 8 to 12 mm.
- Includes gasket, hexagon socket head screws and Allen key.
- Maximum glass doors weight: 30 kgs with 2 hinges.
- Automatic closing from opening angle 25°
- Wall to glass 90° (DSH301) and glass to glass 180° (DSH303).
- Standard finish: Satin or Bright Chrome.
- Other finishes are available upon request.

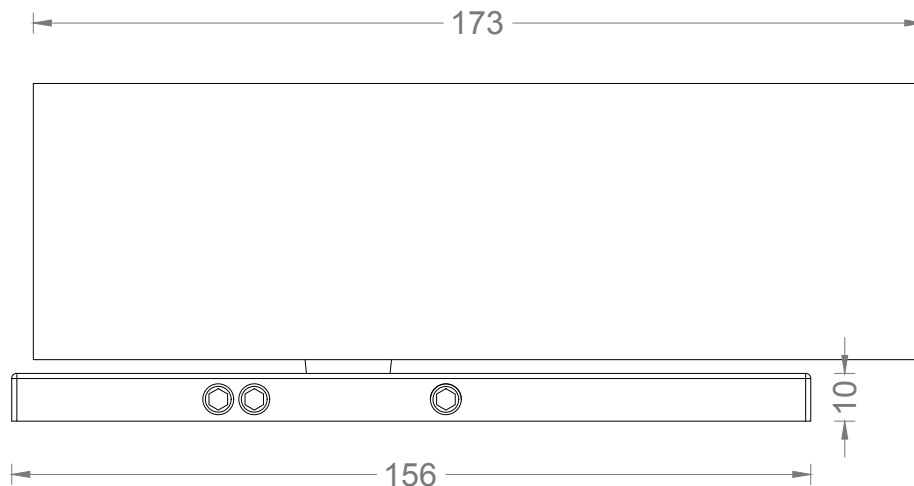
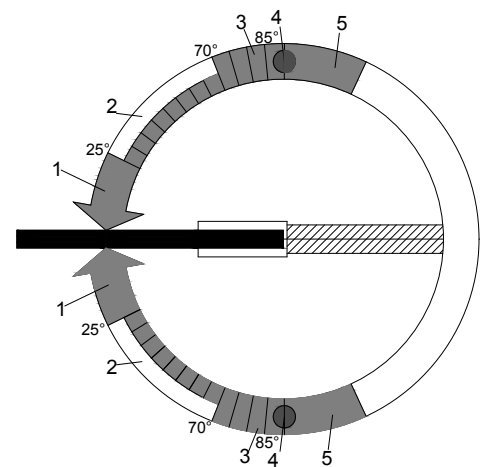
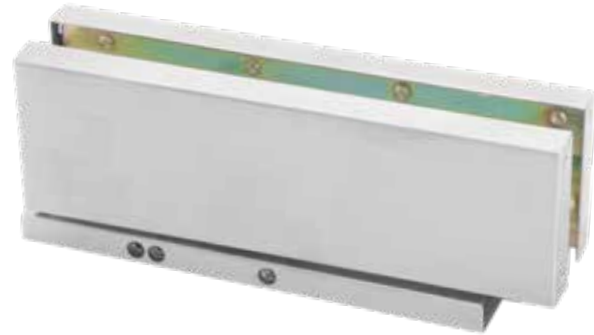


DSH301	DSH303

**ITEM CODE: DPC109-100, DPC108-100, DTP101 & DTP100
DPC109-100**

Features:

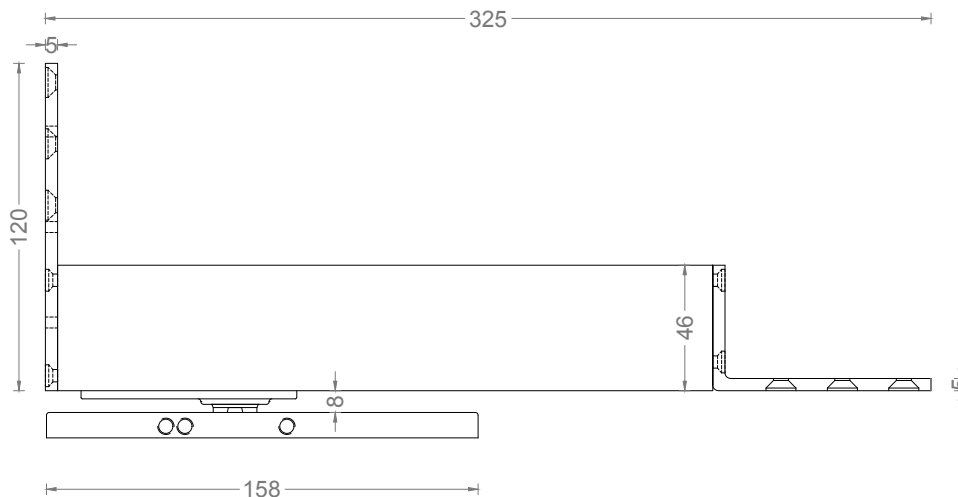
- Surface mounted pivot closer.
- Double action.
- Self-closing range when door is between 70°- 85°.
- Closing speed control via two independent adjustment valves (0°-25° and 25°-70°).
- Maximum door weight 100 kgs.
- Maximum door leaf width 1050 mm.
- Non handed.
- Hold open 90°.
- Maximum opening angle 125°.
- For glass door thickness (from 10 to 13.5 mm glass thickness).
- Simple final adjustment (3 mm backward/forward, 3 mm left/right).
- Complete with fixing screws for wood floor and anchors bolts for concrete floor.
- Complete with two types of gasket.
- Door stop is recommended to limit the opening angle.
- Refer to manual provided with the unit for notching glass details and installation instructions.
- Standard finish: Hairline.
- Other finishes available upon request.



DPC108-100

Features:


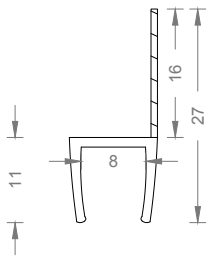

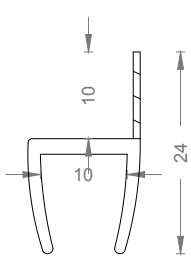

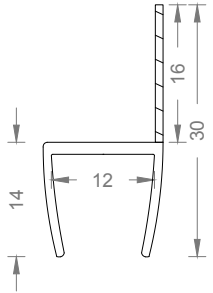
- Double action concealed bottom door closer.
- Closing speed control via two independent adjustment valves (0°-25° and 25°-70°).
- Maximum door weight 100 kgs.
- Maximum door leaf width 1050 mm.
- Non handed.
- Hold open 90°-125°.
- For wood door thickness (Minimum 40 mm thickness).
- Simple final adjustment (3 mm backward/forward, 3 mm left/right).
- Self-aligned when door reaches initial position.
- Additional accessories to be ordered separately.
- Complete with fixing screws for wood floor and anchors bolts for concrete floor.
- Doorstop is recommended to limit the opening angle.
- Refer to manual provided with the unit for notching glass details and installation instructions.
- Standard finish: Stainless Steel.
- Other finishes available upon request.

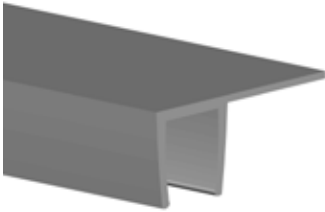
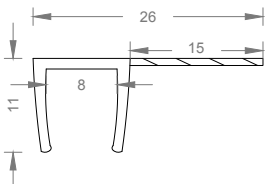

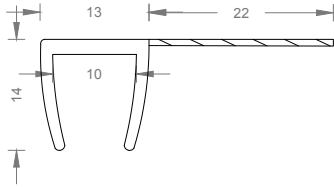


ITEM CODE: DSG SERIES

Features:

- Super-clear glass doors seals
- Area of application: For sliding and swinging glass doors.
- Material: PC & PVC waterproof seals.
- Available: several lengths and thicknesses. Magnet seals for holding the doors in closed position.
- Snap-on easy to install.
- Standard finish: Super-clear seals

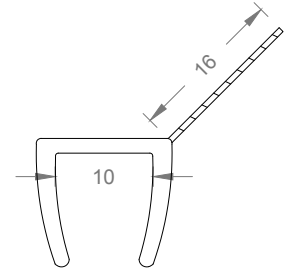
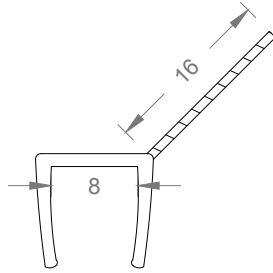
DSG0816SWD LENGTH 2500 MM GLASS THICKNESS 8 MM SOFT LIPPING 16 MM		DSG1010SWD LENGTH 2500 MM GLASS THICKNESS 10 MM SOFT LIPPING 10 MM		DSG1216SWD LENGTH 2500 MM GLASS THICKNESS 12 MM SOFT LIPPING 16 MM	
					

DSG0815SLD LENGTH 2500 MM GLASS THICKNESS 8 MM SOFT LIPPING 15 MM		DSG1022SLD LENGTH 2500 MM GLASS THICKNESS 10 MM SOFT LIPPING 22 MM	
			

STANDARD APPLICATION- SLIDING GLASS DOORS

DSG0816SLD | LENGTH 2500 MM | GLASS THICKNESS 8 MM
SOFT LIPPING 16 MM

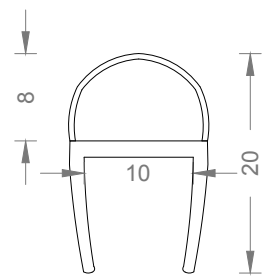
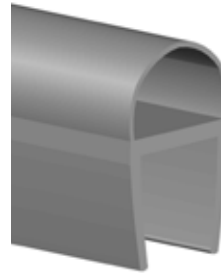
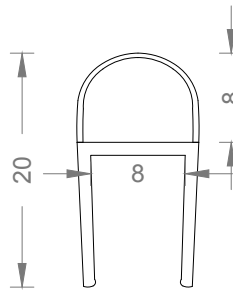
DSG1016SLD | LENGTH 2500 MM | GLASS THICKNESS 10 MM
SOFT LIPPING 16 MM



STANDARD APPLICATION- SWINGING & SLIDING GLASS DOORS

DSG08SLDSW | LENGTH 2500 MM | GLASS THICKNESS 8 MM

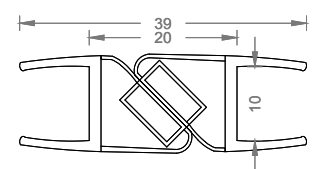
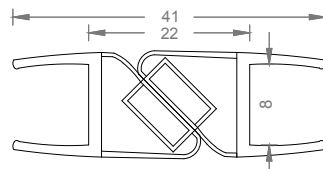
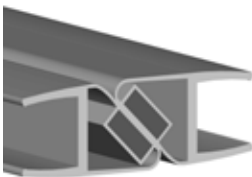
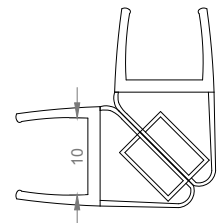
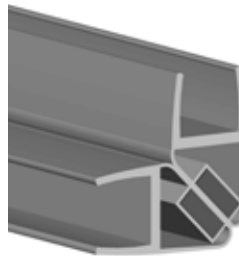
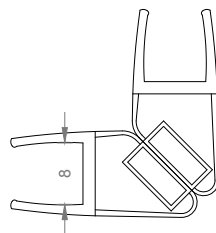
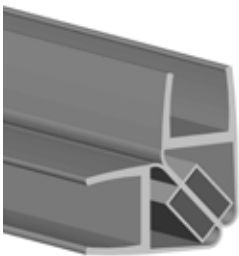
DSG10SLDSW | LENGTH 2500 MM | GLASS THICKNESS 10 MM



STANDARD APPLICATION- MAGNETIC SEALS

DSG08MB – BLACK MAGNETIC | DSG08MW- WHITE MAGNETIC
LENGTH 2400 MM | GLASS THICKNESS 8 MM



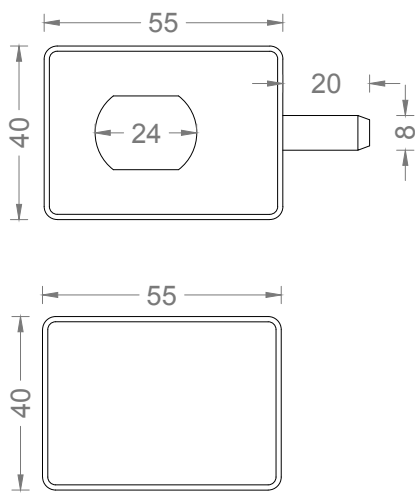
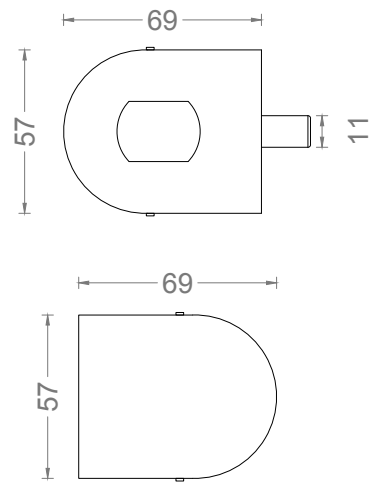
DSG10MB – BLACK MAGNETIC | DSG10MW- WHITE MAGNETIC
LENGTH 2400 MM | GLASS THICKNESS 10 MM



ITEM CODE: DUS21 SERIES

Features:

- Area of application: For sliding and swinging glass doors.
- Material: Zinc alloy.
- Glass thickness: 8 to 12 mm.
- Standard finish: Satin Nickel and polished Nickel.

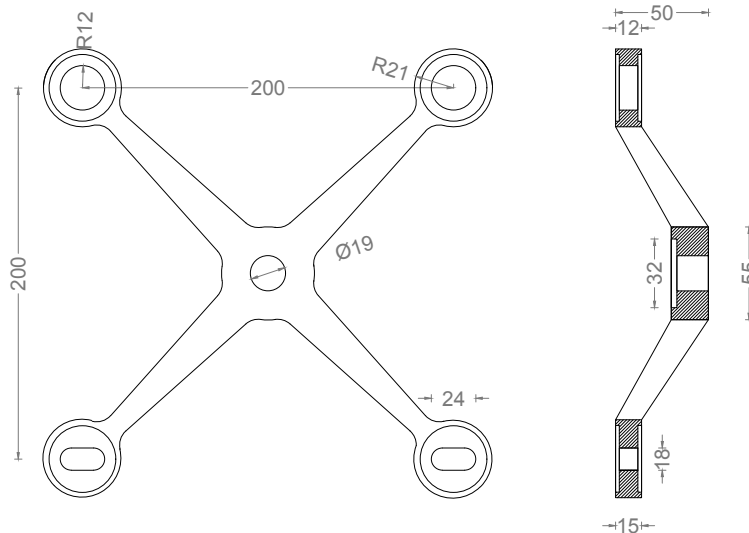
DUS21	DUS210
	
	

ITEM CODE: SPIDERS FITTINGS SERIES

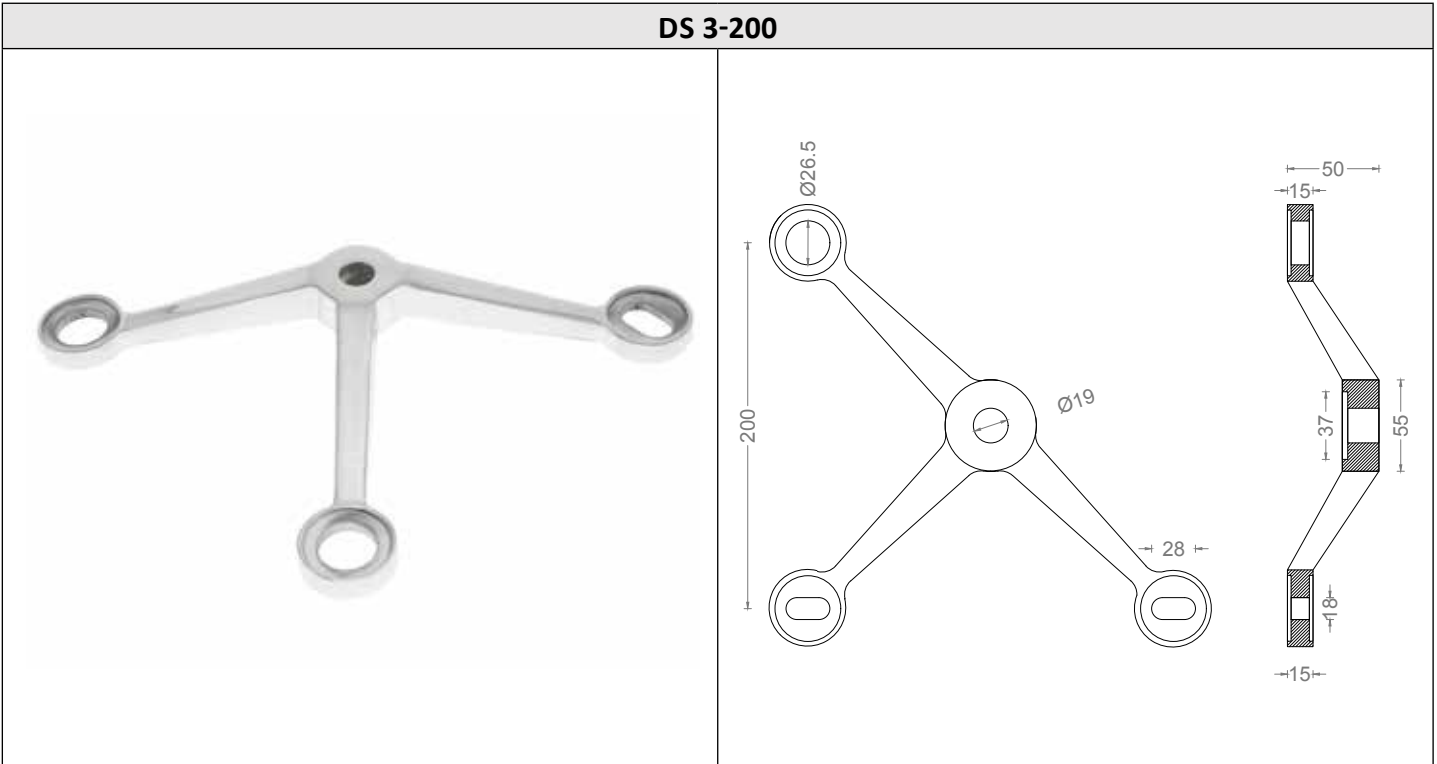
Features:

- Designed for mounting glass to wall or glass to glass
- Material: Stainless steel EN 1.4401 (type SUS316)
- Ideal for creating “all glass” look.
- Holes must be drilled in the glass for assembly.
- Available in 1, 2, 3 and 4 arm configurations.
- Accommodates glass thickness 19 to 26 mm.
- Suitable for interior and exterior use.
- Standard finish: Satin Stainless steel and polished stainless steel.

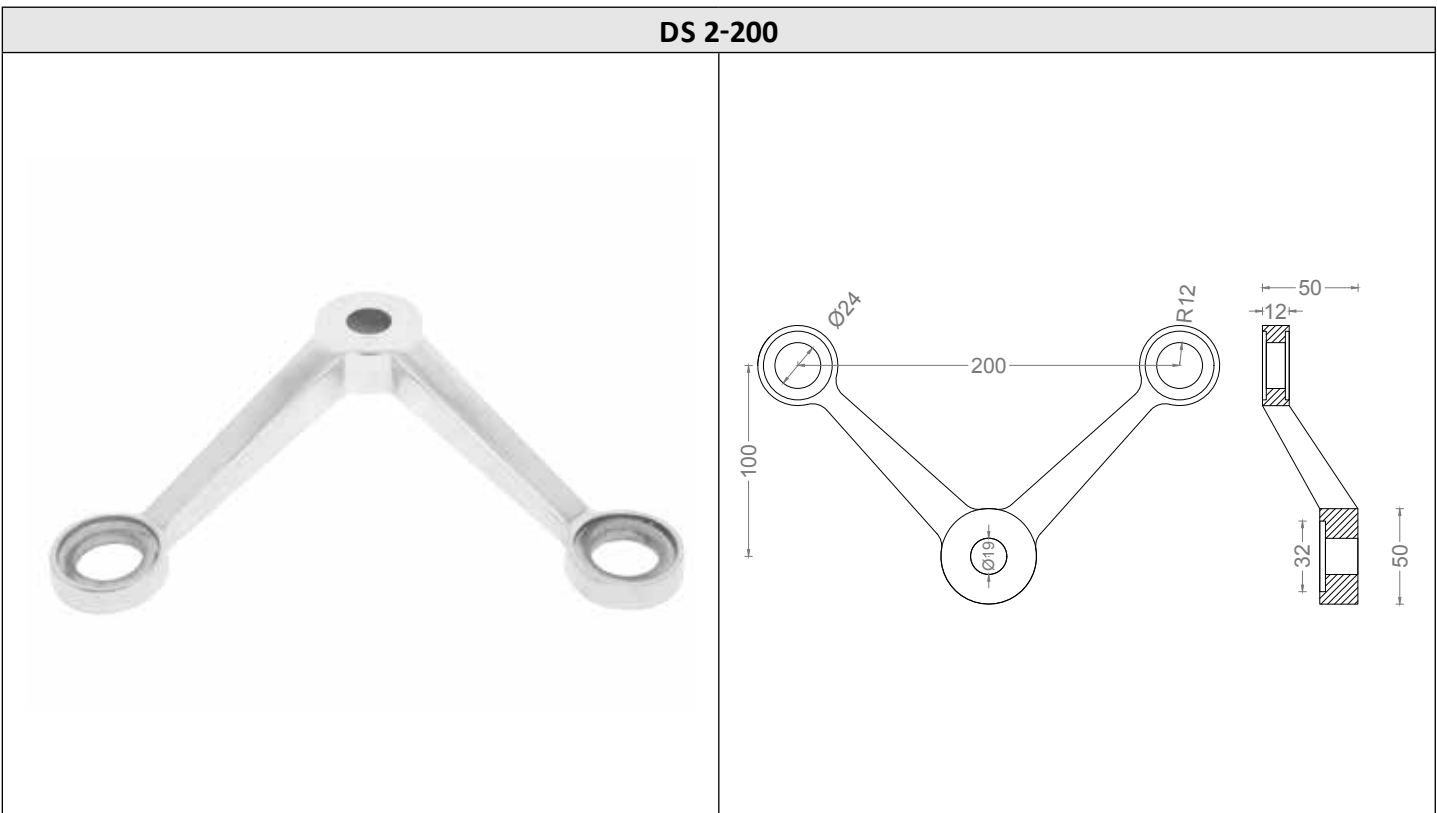
DS 4-200



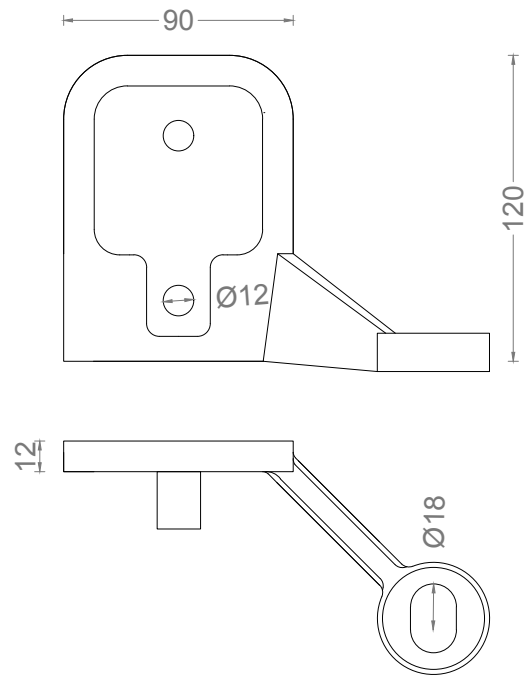
DS 3-200



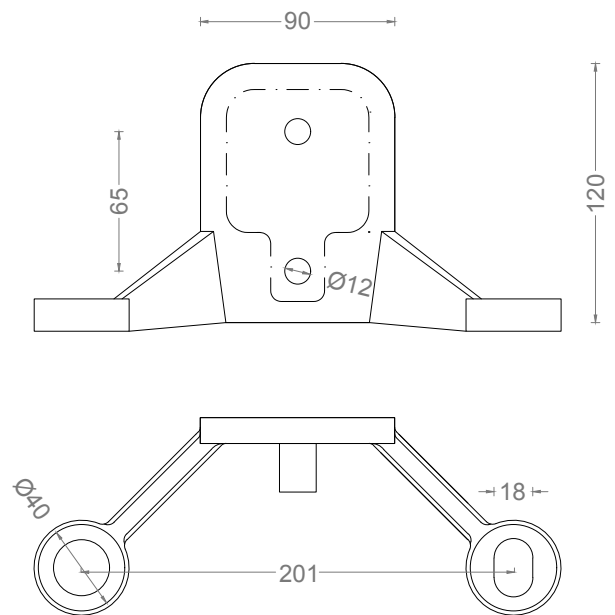
DS 2-200



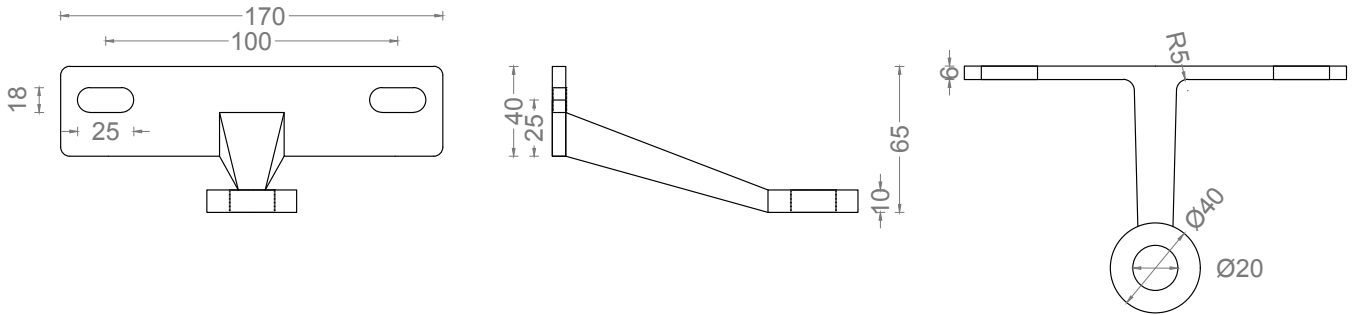
DFS 1-135E



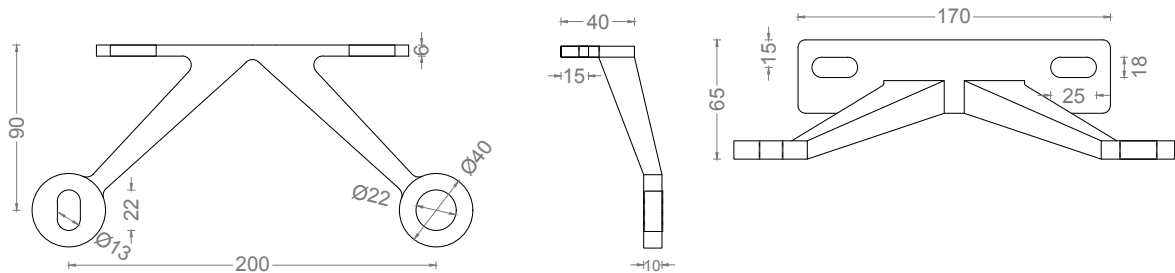
DFS 2-90E



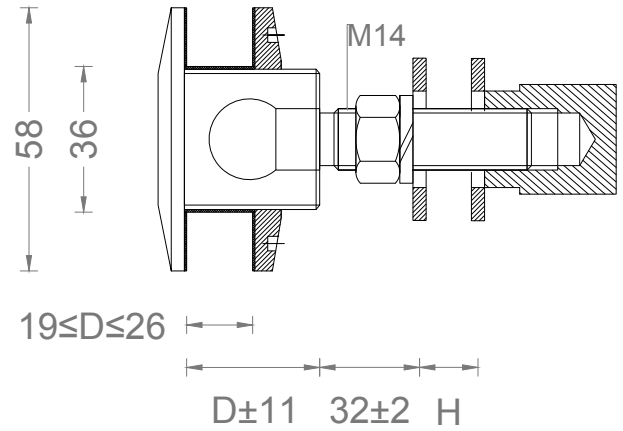
DFS 2-180M



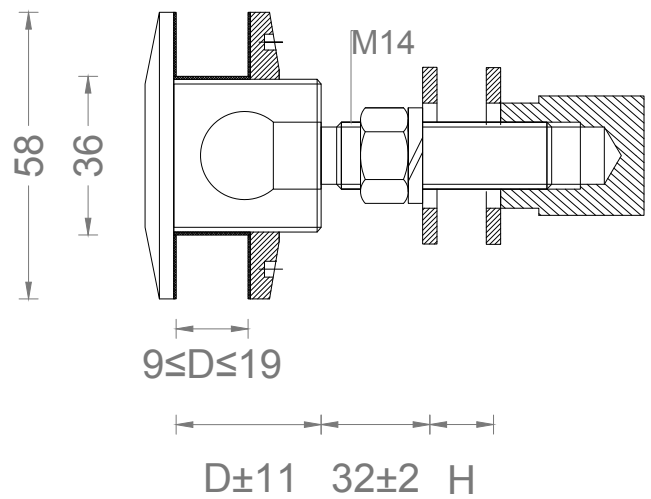
DFS 4-90M



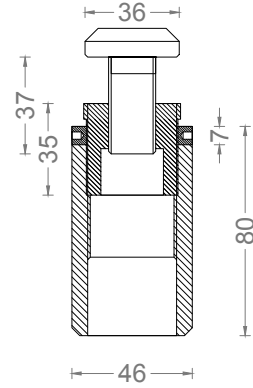
DFCR 22



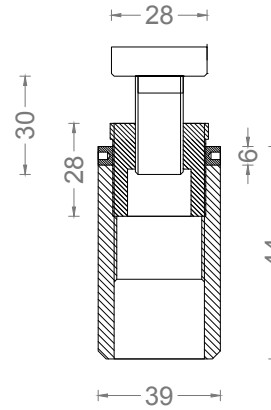
DFCR 12



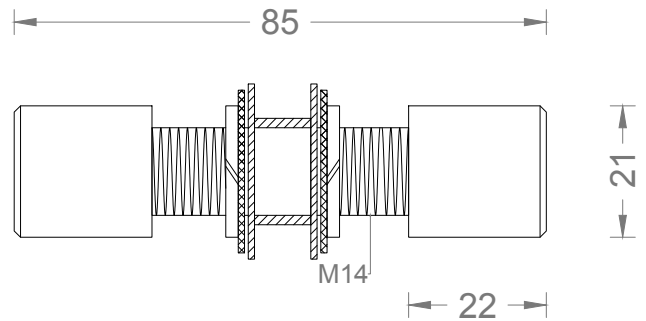
DC 80X36



DC 44X28





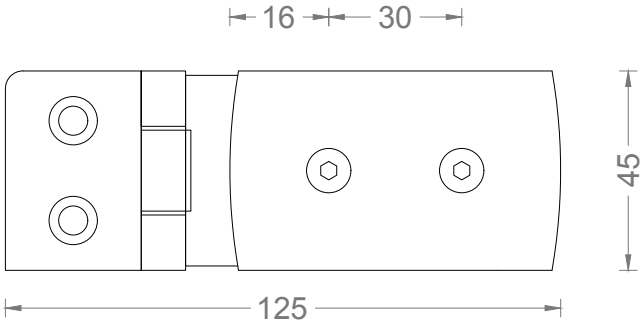
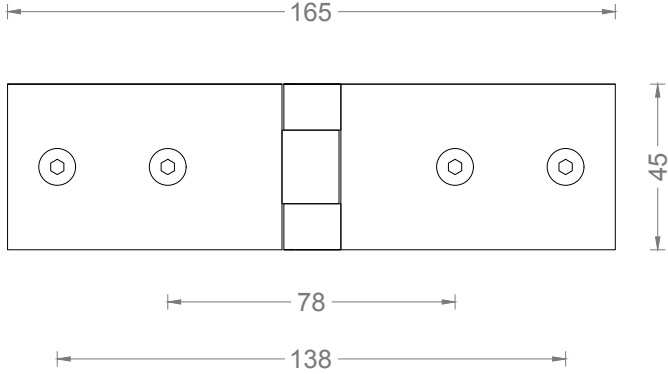
DSM14



ITEM CODE: DHG SERIES

Features:

- Area of application: For swinging glass doors.
- Material: Made of high-grade stainless steel EN 1.4401 (type 316).
- Maximum load bearing: 45 kgs.
- Glass thickness: 8 to 12 mm.
- Suitable for left and right.
- Standard finish: Satin or Polished Stainless Steel.

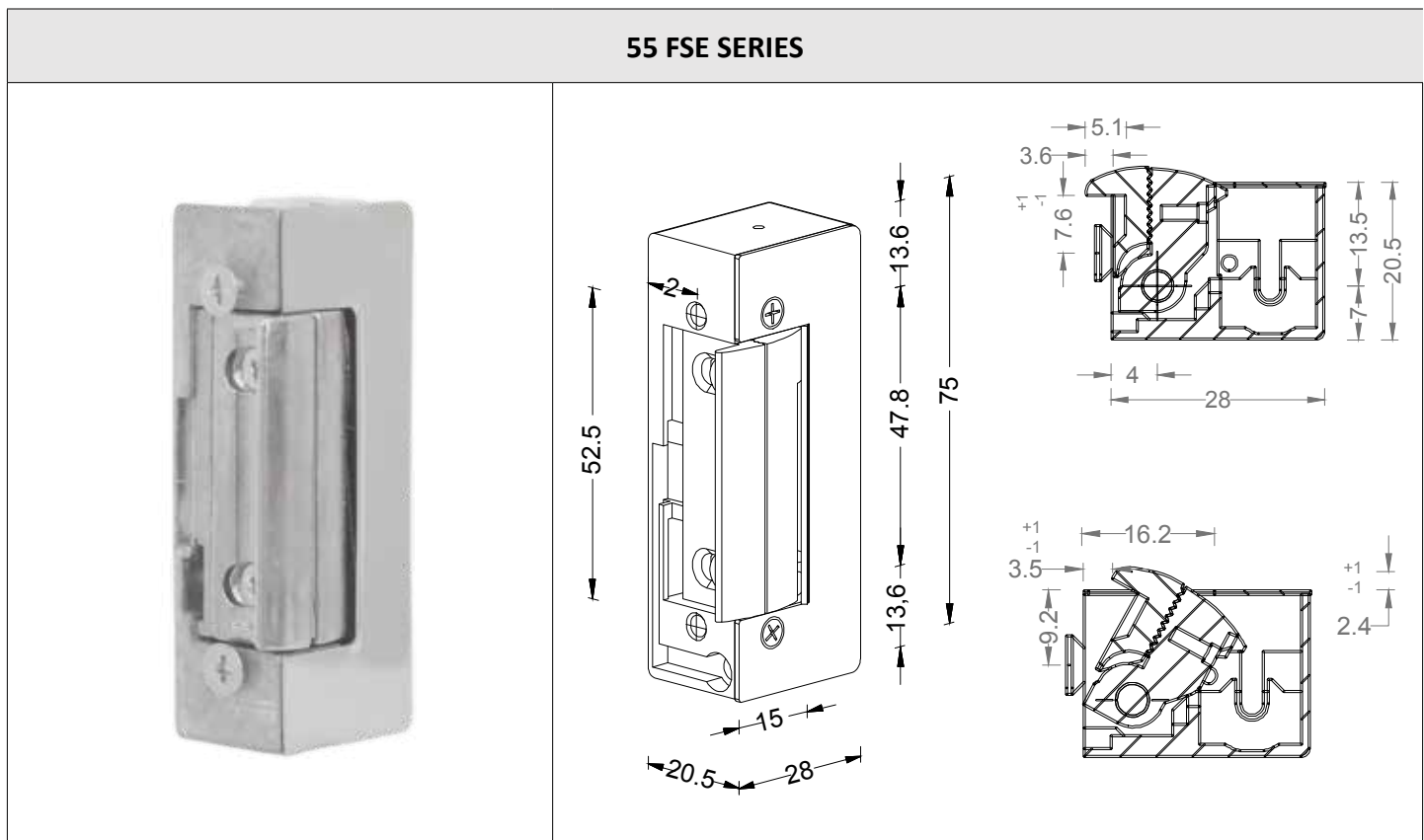
DHG 90 W-G	DHG 180 G-G
	
 <p>Technical drawing of the DHG 90 W-G glass hinge. Dimensions shown: 16, 30, 125, and 45.</p>	 <p>Technical drawing of the DHG 180 G-G glass hinge. Dimensions shown: 165, 78, 138, and 45.</p>



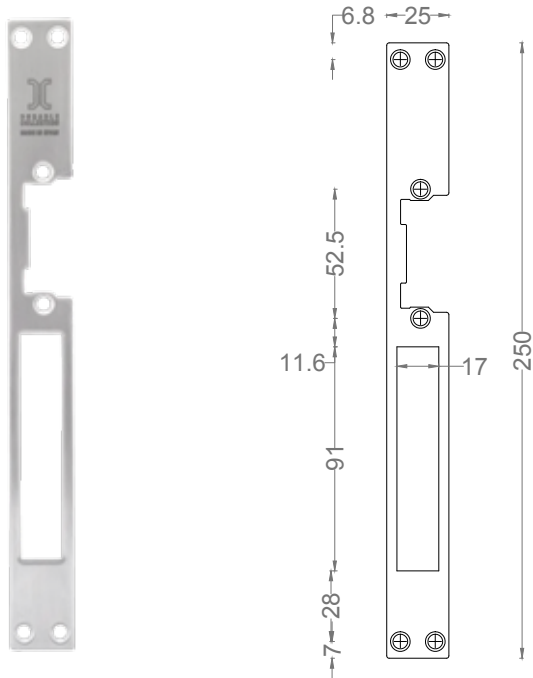
ITEM CODE: 55 SERIES ELECTRIC STRIKE

Features:

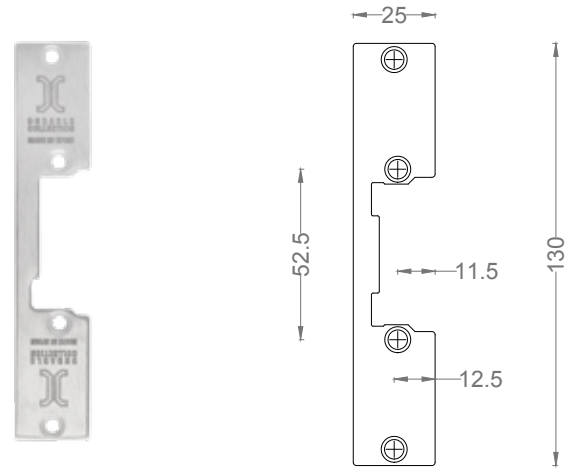
- Available in a variety of configurations to accommodate several types of mechanical locks, doors and frames.
- Available strikes: handed and non-handed, short and long, with and without lipping.
- Radial latch (R.L.), Incorporates a latch which rotates on its axis, reduces the perimeter of movement. It allows for a much narrower gap between the door and the jamb.
- Current: fail secure (12VAC/DC-30Ω), fail safe (12VDC-58Ω), other current is available upon request.
- Continuously rated, standard 60 seconds.
- Holding force: 3.450 N/350 kg-f.
- Fail-secure (FSE) electric strikes, are locked when power is removed (i.e. Power is applied to unlock the door).
- Fail-safe (FSA) electric strikes, are unlocked when power is removed (i.e. Power is applied to lock the door).
- Standard adjustable latch bolt (A.L.B), an ideal assistance for adjusting adjustable latch (+1-1 mm), possible to compensate for expansion at any time by readjusting the door strike.
- Optional functions:
 - Mechanism unlocking (MU), electric strike with actuating lever in the keep for mechanical release of the keep, return it again to recover its standard function.
 - Hold open (HO), the latch bolt-controlled hold open catch in the center of the keeper holds the strike unlocked even after a contact is made until the door is opened.
- Standard finish: strike in satin stainless steel (SSS). Other finishes are available upon request.



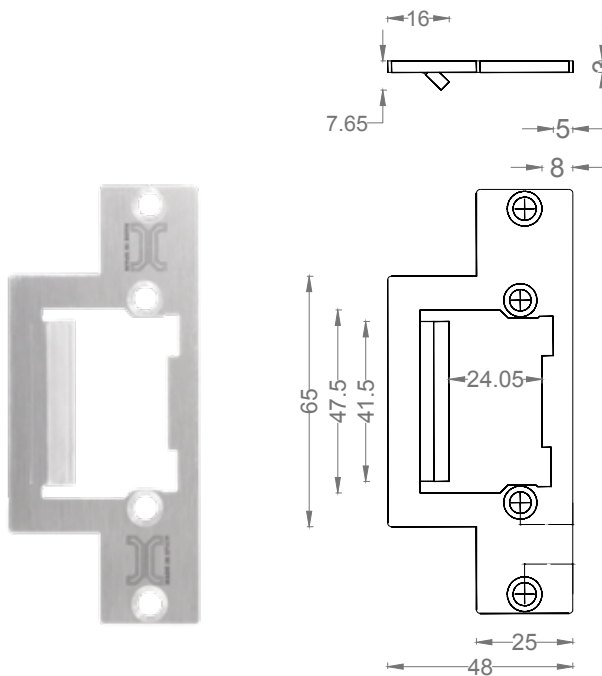
55 L. STRIKE



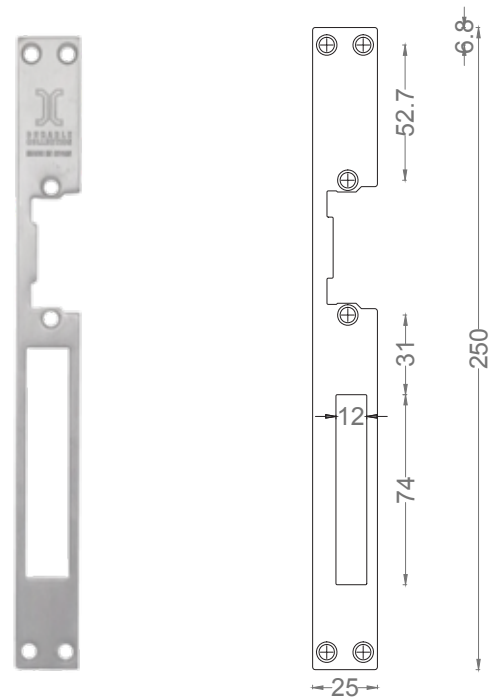
55 S. STRIKE



88 S. STRIKE



67 L. STRIKE


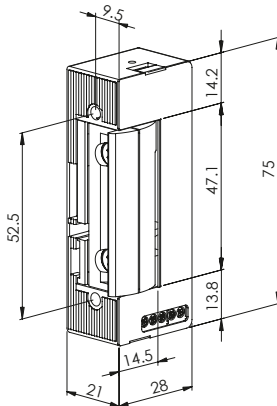
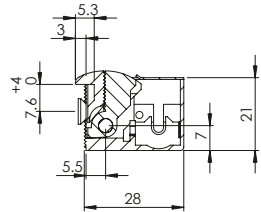
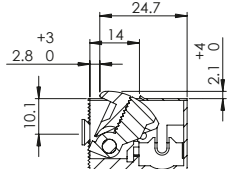

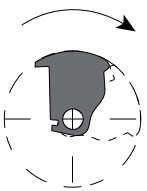
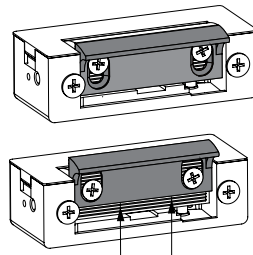


ITEM CODE: 57 SERIES ELECTRIC STRIKE

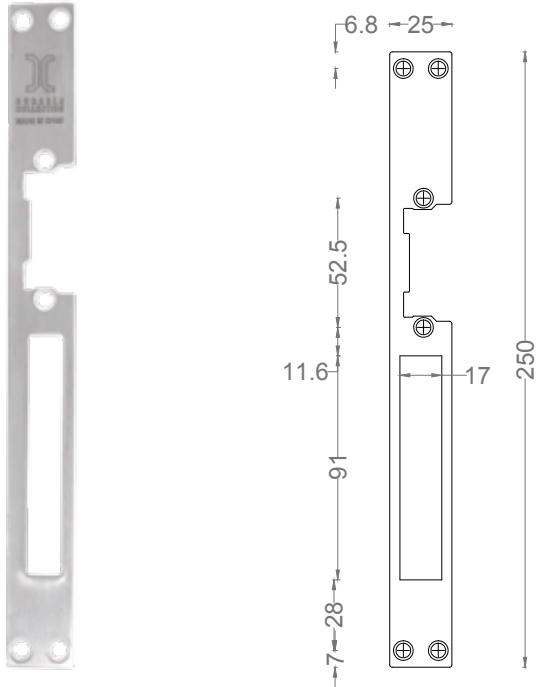
Features:

- Fail Secure Electric Strike.
- Made in Spain.
- Available strikes: Handed and non-handed, short and long, with and without lipping.
- Radial latch (R.L.).
- Current: Fail secure (12VAC/DC, 30Ω). Holding force: 3.450 N/350 kg-f.
- Built-in Time Delay Action (TDA), Allows the opening in a defined period of time (adjustable time between 11 to 30 seconds). Electric strike is automatically relocked if the door is not open or used. Ideal for push button device.
- Standard Fail-Secure (FSE) electric strikes, are locked when power is removed (i.e. power is applied to unlock the door).
- Standard Adjustable Latch bolt (A.L.B), an ideal assistance for adjusting adjustable latch (+1-1 mm), possible to compensate for expansion at any time by readjusting the door strike.
- Mechanism Unlocking (MU), electric strike with actuating lever in the keep for mechanical release of the keep, return it again to recover its standard function.
- Standard finish: Strike in satin stainless steel (SSS). Other finishes are available upon request.
- Suitable strike plates:

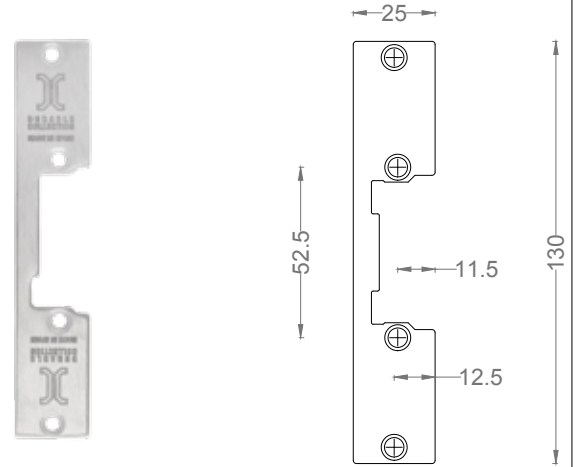
MODELS	55 S. PLATE	57 L. PLATE	88 S.STRIKE
57 FSE 12VAC/DC	YES	YES	YES

57 FSE SERIES	
	
	
RADIAL LATCH (R.L)	ADJUSTABLE LATCH BOLT
 <p>NO RADIAL</p>  <p>RADIAL</p>	

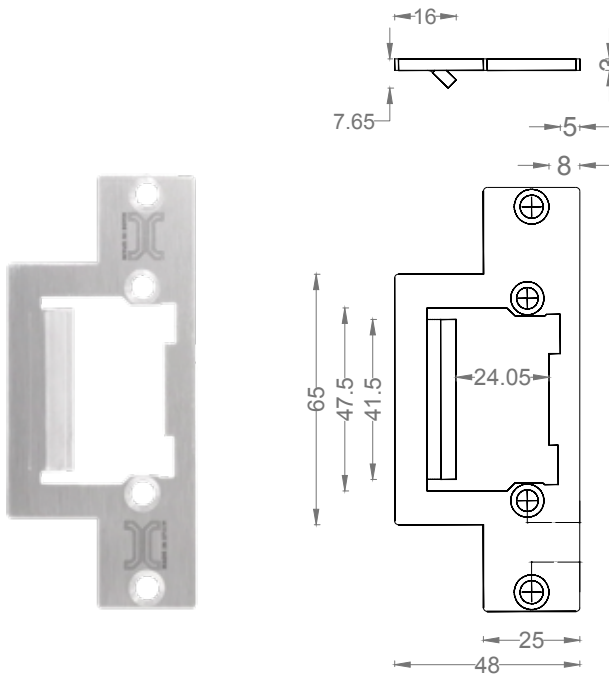
57 L. STRIKE



55 S. STRIKE



88 S. STRIKE

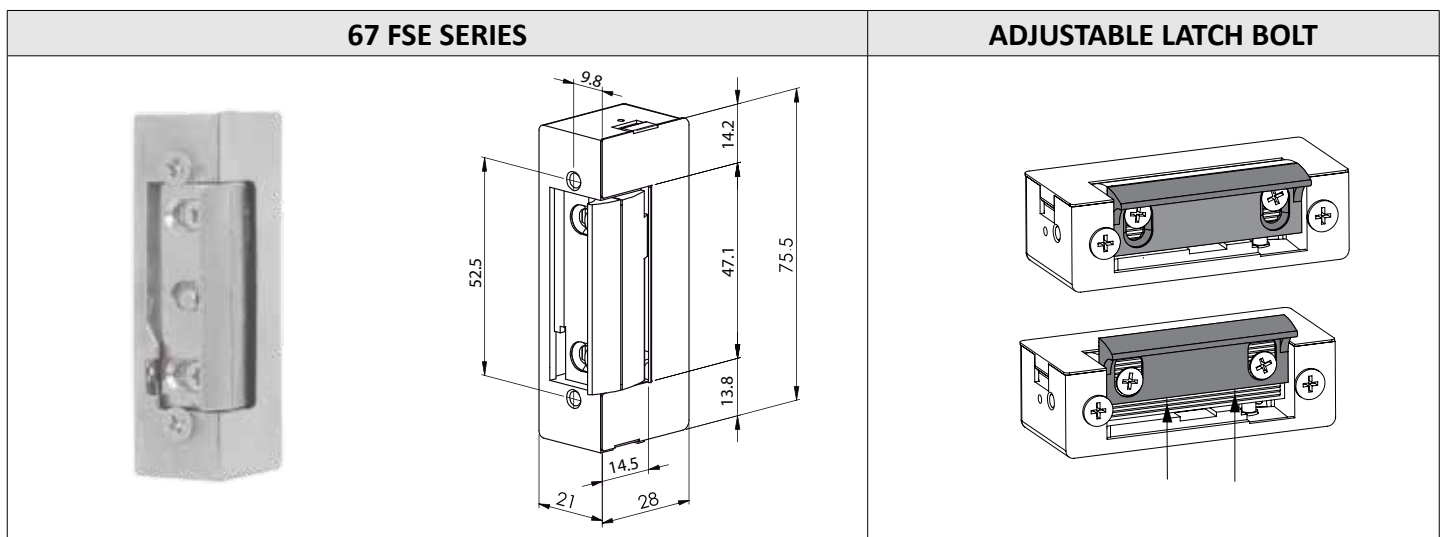


ITEM CODE: 67 SERIES ELECTRIC STRIKE

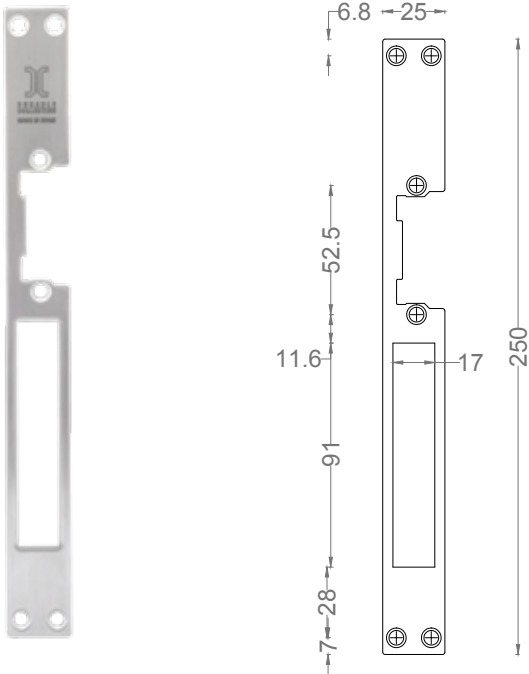
Features:

- Fail secure electric strike.
- Made in Spain.
- Available in a variety of configurations to accomodate several types of mechanical locks, doors and frames.
- Available strikes: Handed and non-handed, short and long, with and without lipping.
- Non Radial latch (R.L.).
- Current: Fail secure (12VAC/DC-17 or 30Ω), Other current is available upon request.
- Holding force: 3.450 N/350 kg-f.
- Standard Fail-Secure (FSE) electric strikes, are locked when power is removed (i.e. power is applied to unlock the door).
- Standard Adjustable Latch bolt (A.L.B), an ideal assistance for adjusting adjustable latch (+1-1 mm), possible to compensate for expansion at any time by readjusting the door strike.
- Optional functions:
 - o Mechanism Unlocking (MU), electric strike with actuating lever in the keep for mechanical release of the keep, return it again to recover its standard function.
 - o Hold Open (HO), the latch bolt-controlled hold open catch in the center of the keeper holds the strike unlocked even after a contact is made until the door is opened.
 - o Monitor, suitable for interlocked doors.
- Standard finish: Strike in satin stainless steel (SSS). Other finishes are available upon request.
- Suitable strike plates:

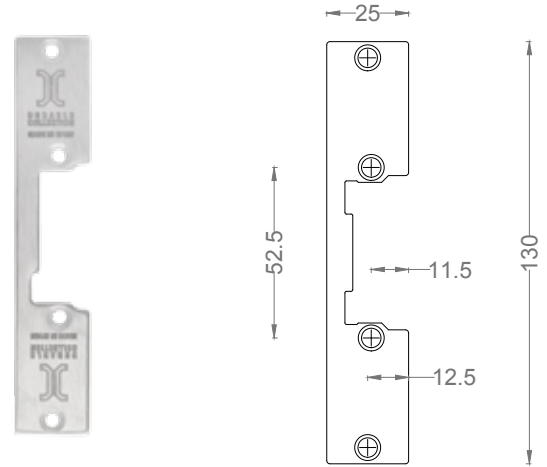
MODELS	55 S. PLATE	55 L. PLATE	67 L. PLATE	88 S.STRIKE
67 FSE 8-12VAC/DC 17 OHMS	YES	COME WITH	NO	YES
67 FSE 8-12 VAC/DC W/O H.O. 30 OHMS	YES	COME WTH	NO	YES
67 FSE 8-12 VAC/DC MONITOR 30 OHMS	YES	NO	COME WITH	NO



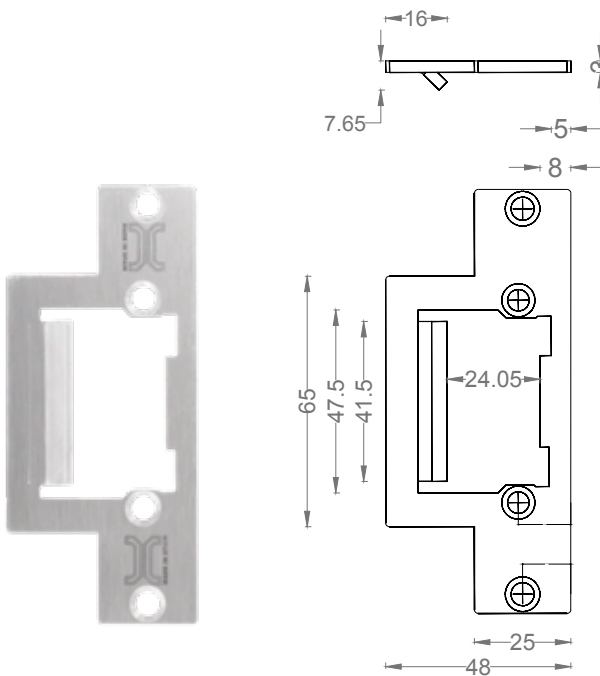
55 L. STRIKE



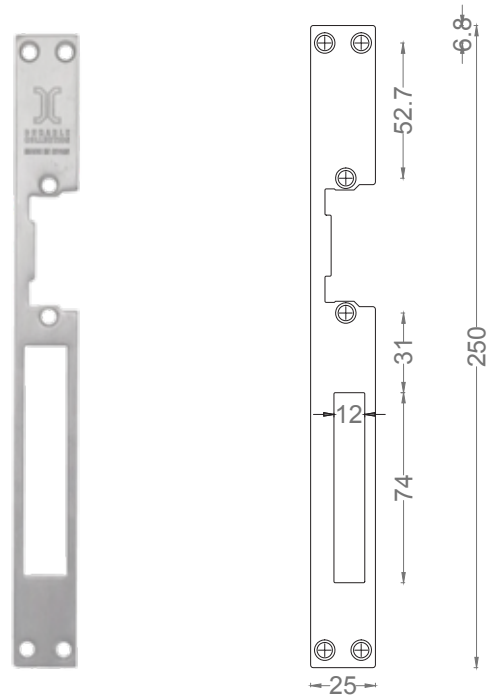
55 S. STRIKE



88 S. STRIKE



67 L. STRIKE


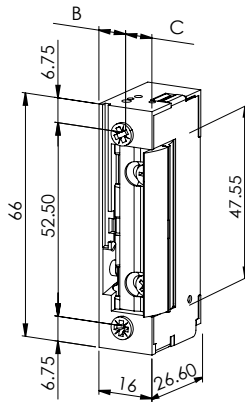
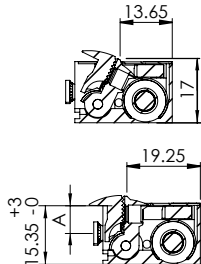
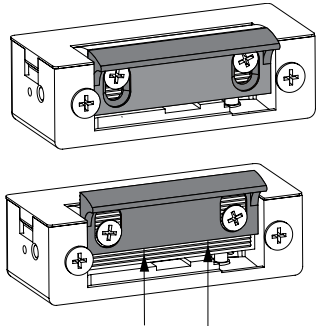

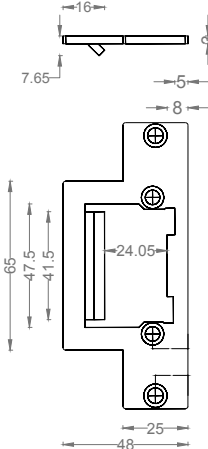
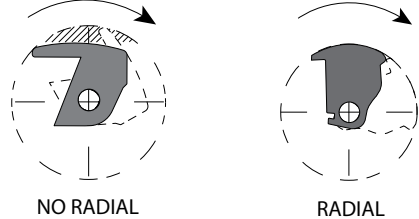


ITEM CODE: 88 FSE ELECTRIC STRIKE



Features:

- Fail Secure Electric Strike.
- Made in Spain.
- Fire rated to EN 1634-1
- Suitable strike plate: 88 S.Strike.
- Radial latch (R.L.), Adjustable Latch Bolt.
- Current: Fail secure (12VAC/DC, 30Ω). Break resistance 900 kgs.
- Standard Fail-Secure (FSE) electric strike, are locked when power is removed (i.e. power is applied to unlock the door).
- Standard Adjustable Latch bolt (A.L.B), an ideal assistance for adjusting adjustable latch (+1-1 mm), possible to compensate for expansion at any time by readjusting the door strike.
- Standard finish: Strike plate in satin stainless steel (SSS). Other finishes are available upon request.


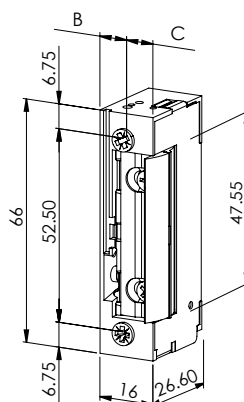
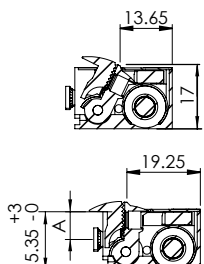
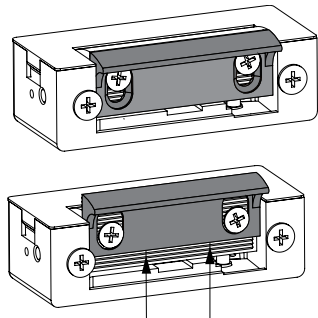

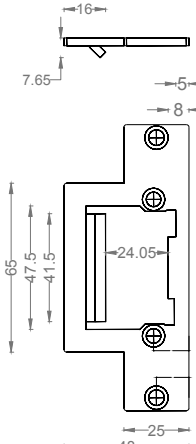
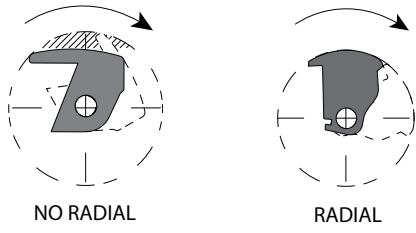
88 FSE 12VAC/DC 30Ω – DIMENSIONS (STANDARD C=8.85MM)	ADJUSTABLE LATCH BOLT															
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88 S. STRIKE	RADIAL LATCH (R.L)															
 																

ITEM CODE: 88 FSE ELECTRIC STRIKE



Features:

- Fail Secure Electric Strike.
- Made in Spain.
- Fire rated to EN 1634-1
- Suitable strike plate: 88 S.Strike.
- Radial latch (R.L.), Adjustable Latch Bolt.
- Current: Fail secure (12VAC/DC, 30Ω). Break resistance 900 kgs.
- Standard Fail-Secure (FSE) electric strike, are locked when power is removed (i.e. power is applied to unlock the door).
- Standard Adjustable Latch bolt (A.L.B), an ideal assistance for adjusting adjustable latch (+1-1 mm), possible to compensate for expansion at any time by readjusting the door strike.
- Standard finish: Strike plate in satin stainless steel (SSS). Other finishes are available upon request.

88 FSE 12VAC/DC 30Ω – DIMENSIONS (STANDARD C=8.85MM)	ADJUSTABLE LATCH BOLT															
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