



EXTERNAL DEVICES & OPERATORS





CONTENTS

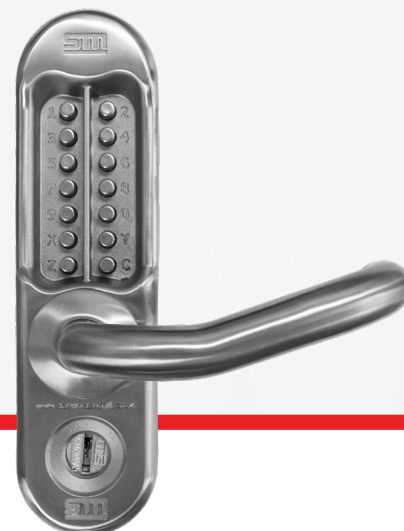
EDEN	04
TRENT	06
LEO	10
CYLINDER GUARDS	12
LEVER HANDLES	18
ANTI-FISHING SECURITY HANDLE	20
SECURITY HANDLE SHROUD	22
ANTI-LIGATURE LEVER HANDLE	24
ANTI-LIGATURE PULL HANDLE	26

The Eden is a heavy duty, lockable handle trim with mechanical keypad and lever handle for panic and emergency exit doors. The device has two modes of operation with the cylinder enabling the user to switch between both modes:

Code Access - where the keypad is required to gain entry

Free Access - where the handle allows entry at all times

The key cylinder is also used to enable resetting of the code on the device to a 1-13 character combination.



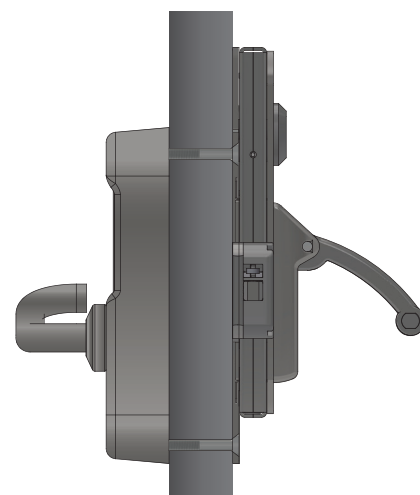
EDEN

FEATURES

- Mechanical keypad provides a keyless handle entry
- Stainless steel main casing for hostile environments and durability
- Cycle tested to over 1,000,000 cycles
- Supplied with pre-installed screw in rim cylinder
- 8 mm square spindle drive compatible with Surelock McGill systems
- Surface mounted for maximum strength
- Robust through-bolt mounting kits available
- Automatic relocking after door closure when in code access mode
- Combination code length of 1-13 characters, with over 8,000 combinations
- Includes clutch mechanism external lever to protect against abuse
- Free access mode
- Compatible with most Surelock Panic & Emergency Escape systems and maintaining the CE mark under BS EN 179 and BS EN 1125

BENEFITS

- Provides keypad entry to panic or emergency exit doors
- Code easily set and reset via code change tool
- Enables emergency escape at any time
- Full rotation of the cylinder deactivates the keypad and allows free entry/egress via lever handle
- Ideal enhancement for the Slimline and Stirling systems to grant keyless entry
- Engineered for longevity and trouble-free service
- Certified to a range of international standards (see Product Performance Chart)



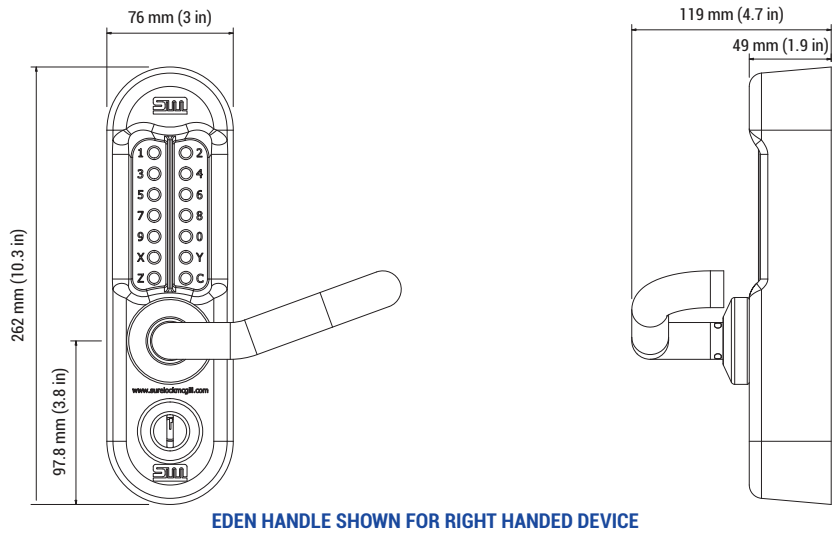
EDEN WITH THROUGH-BOLT
FIXINGS AND SLIMLINE

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY														SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES					
LPS 1175								LPS 1673 (AR.)					FEBR (min)							EN 1627	STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7							SR8										
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5								
10 MIN									180 SEC					15	RC4	BR4	SRA	EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE	EN 1634-1	GR4	500K
5 MIN									120 SEC						RC3	BR3								
3 MIN	A3	B3							60 SEC					5	RC2	BR2	UL 305	NIJ 0108.01 Level 1-4				GR3	200K	
1 MIN									30 SEC						RC1	BR1								BS 476-22

EDEN TECHNICAL DRAWINGS

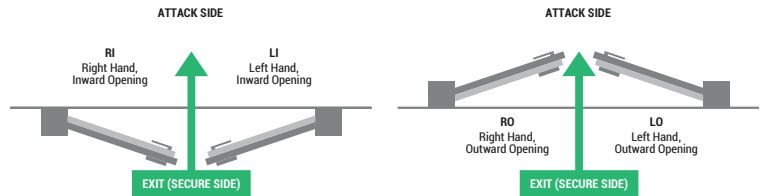


EDEN HANDLE SHOWN FOR RIGHT HANDED DEVICE

ORDERING CODES

The Eden has a structured ordering code that covers the load plate and handing configuration. Additional enhancements can be added to further customise.

EXAMPLE ORDER CODE: ED-01-RX

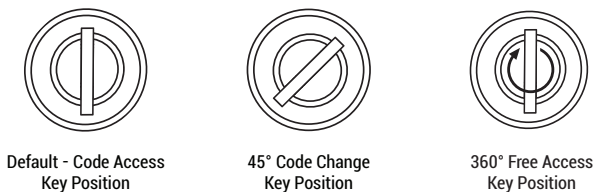


PRODUCT NAME		LOAD PLATE		HANDING	
ED	EDEN	XX	None	LX	Left Hand
		01	Recessed Mounting Plate	RX	Right Hand

EXAMPLE ENTRY/EXIT DIRECTIONSSee coding chart above for reference

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

EDEN KEY POSITIONS



Default - Code Access Key Position

45° Code Change Key Position

360° Free Access Key Position

The Trent is a heavy duty lockable handle trim, enabling operational changes from electronic access control to mechanical code access, or free access at timings of your preference.

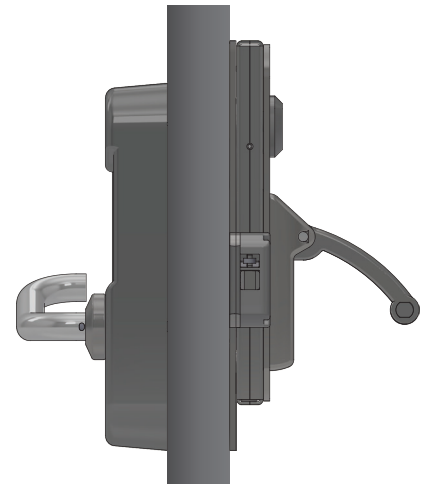
The Trent is an optional feature to Slimline single-point and multi-point access control systems. Key cylinders disable the Slimline electronic deadlock, enabling the Trent mechanical digital code, or free-entry to be selected.



TRENT

FEATURES

- Entry modes at timings of your preference
 - Electronic access control
 - Mechanical code access
 - Free access
- Automatic relocking after door closure when in code access mode
- Anti-vandal clutch mechanism in external lever handle, protects against abuse
- Stainless steel main casing for hostile environments and durability
- Cycle tested to over 1,000,000 cycles
- Supplied with pre-installed cylinders (keyed alike)
- 8 mm square spindle drive compatible with Surelock McGill systems
- Robust through-bolt mounting kits available
- Combination code length of 1-13 characters, with over 8,000 combinations
- Compatible with most Surelock Panic & Emergency Escape systems and maintaining the UL 305 certification and CE mark under BS EN 179, BS EN 1125



**TRENT LOCKABLE HANDLE WITH
ACCESS CONTROL SLIMLINE**

BENEFITS

- Key controlled switching between modes of entry, at timings of your preference
- Code easily set and reset via code change tool without removing lock from door
- Enables life-safety escape at all times
- Ideal enhancement for Slimline access control systems to grant keyless entry
- Engineered for longevity and trouble-free service
- Certified to a range of international standards (see Product Performance Chart)

OPTIONAL ENHANCEMENTS

- Request to Exit (REX)
- Breakdome over thumbturn and lever handle to control exit
- Infinite 'iRestraint' restrains bolts throughout their opening travel
- Choice of exit device operators
- 24V DC fail secure, 12V DC or 24V DC fail safe

PRODUCT PERFORMANCE CHART

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SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES		
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D	60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
20 MIN									300 SEC						RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE	GR4	500K
15 MIN									240 SEC						RC4	BR4			UL 305	NIJ 0108.01 Level 1-4	BS 476-22	GR2	200K	
10 MIN									180 SEC					15	RC3	BR3	SRA	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL	
5 MIN									120 SEC						RC2	BR2								EN 179
3 MIN	A3	B3							60 SEC					5	RC1	BR1	SRA	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL	
1 MIN									30 SEC						RC1	BR1								EN 179

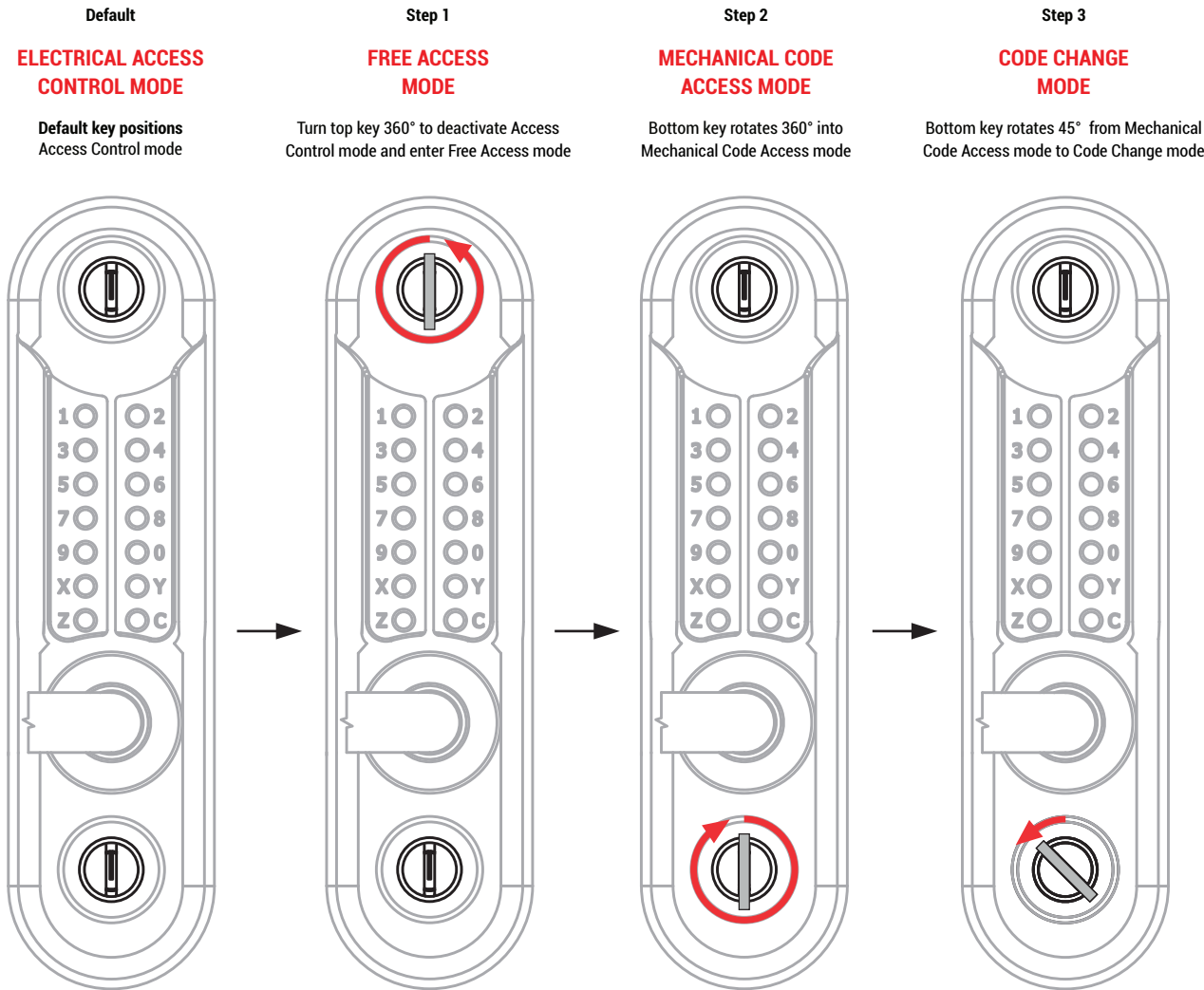
METHOD OF ENTRY

ELECTRONIC ACCESS CONTROL (PRIMARY)	Provided by the Slimline access control system and lever handle (mechanical keypad disabled)
MECHANICAL CODE ACCESS	Provided by the Trent digital keypad and lever handle (Slimline electronic deadlock disabled)
FREE ACCESS	Lever handle allows entry at all times

EXIT FUNCTIONS

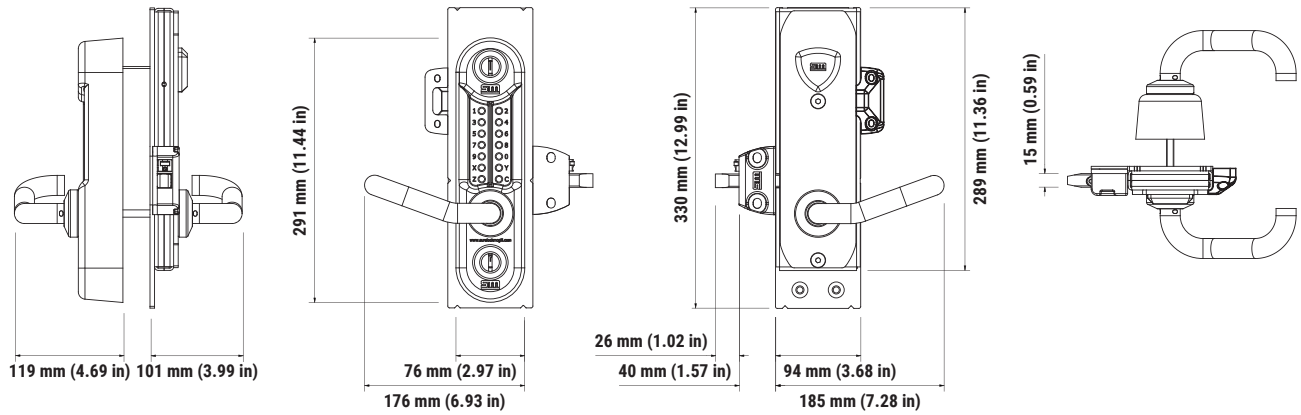
PANIC BAR	Life-safety panic egress
EMERGENCY – PUSH PAD	Single operation egress
EMERGENCY – LEVER HANDLE	Single operation egress

TRENT KEY POSITIONS*

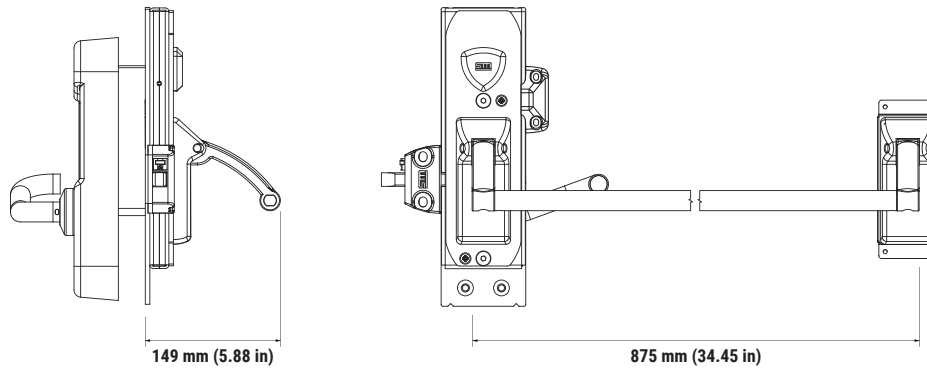


* All key positions and directions are based on a left hand handle package. Key direction is reversed for a right handed package.

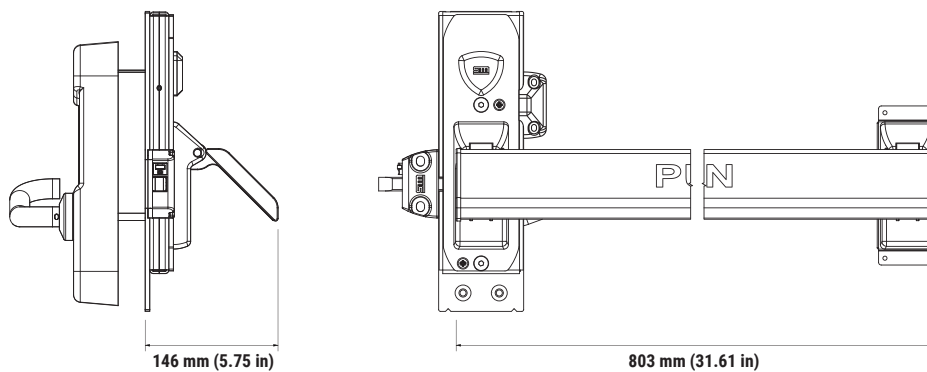
TRENT - LOCKABLE HANDLE TRIM TECHNICAL DRAWINGS



TRENT - LOCKABLE HANDLE TRIM WITH LEVER HANDLE



TRENT - LOCKABLE HANDLE TRIM WITH PANIC BAR



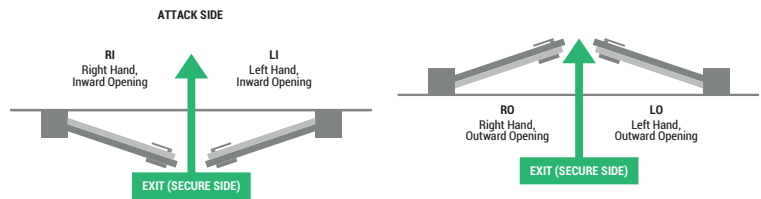
TRENT - LOCKABLE HANDLE TRIM WITH PANIC BLADE

ORDERING CODES

A Slimline access control lock follows the usual Slimline structured ordering code that covers the chosen methods of entry, securing and exit, followed by enhancements to further customise the device. The 'Trent' lockable handle trim requires option code 'Q18' to be appended, as follows.

EXAMPLE ORDER CODE:

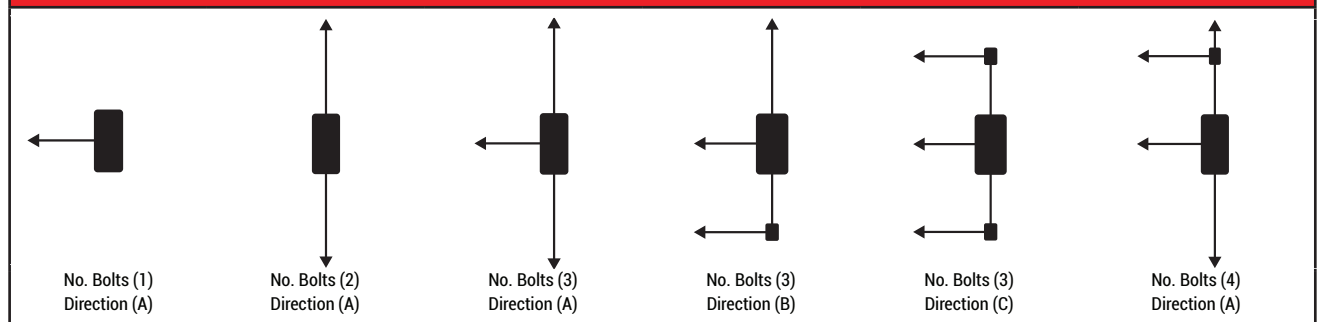
SL1A-AMLE-AA-LMLE-LO-Q18



PRODUCT			ENTRY		SECURING		EXIT		ENHANCEMENTS		
RANGE		BOLTS	UNLOCKING		UPON DOOR CLOSURE		UNLOCKING		Q18	Trent	
SL	Surface	1-7	A	Access control	AA	Auto bolting / Auto deadlocking	L	Single Handed / Panic - Emergency	K04	Thumbturn and Breakdome	
BOLT DIRECTION			BOLT RETRACTION				A	Access control			
A-E	See table below		M	Manual			BOLT RETRACTION				
			OPERATOR				M	Manual			
			LE				Lever handle (Tubular ergonomic)	OPERATOR			
							LE	Lever handle (Tubular ergonomic)			
							PB	Panic bar (Blade aluminium)			
PP	Push pad										
					PE	Panic bar (Tubular st/st)					

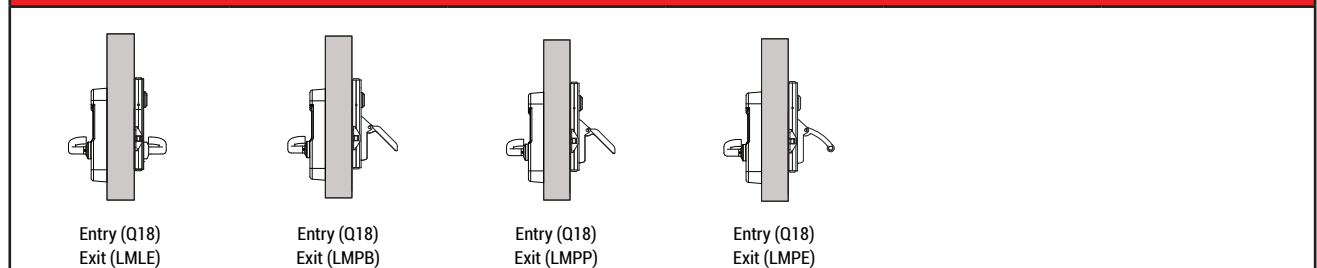
EXAMPLE BOLT DIRECTIONS

See coding chart above for reference



EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

SLIMLINE ACCESS CONTROL POWER CONSUMPTION

SYSTEM	VOLTAGE	POWER CONSUMPTION PER SOLENOID	CURRENT DRAW PER SOLENOID	RECOMMENDED POWER SUPPLY	
				SINGLE SOLENOID	TWIN SOLENOID
12 V – Energise to unlock	12 V	10 W	0.8 A	12 V 1.5 A	12 V 2.0 A
24 V – Energise to unlock	24 V	10 W	0.4 A	24 V 1.0 A	24 V 1.5 A
12 V – Energise to lock	12 V	10 W	0.8 A	12 V 1.5 A	12 V 2.0 A
24 V – Energise to lock	24 V	10 W	0.4 A	24 V 1.0 A	24 V 1.5 A

The LEO range is an aesthetic and rugged exit device trim with key and lever handle for panic/emergency exit doors. LEO's are well proven in extremely challenging environments and available as surface mounted or recessed for higher level resistance against forced entry. The range also protects against increasing levels of physical attack.

The LEO modular design enables them to operate Surelock McGill panic/emergency systems, as well as devices from other manufacturers subject to testing. Please contact our sales team for suitability.



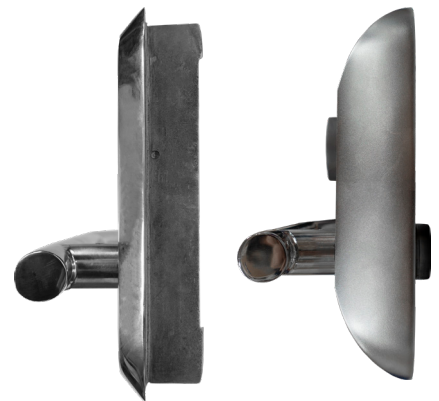
SURFACE LEO

FEATURES

- Surface, or recessed into the door for higher security
- 8mm (5/16") or 9.5mm (3/8") square drive shaft
- 316 grade stainless steel construction for hostile environments and durability
- Cycle tested to over 1,000,000 cycles
- To suit morticed (screw-in) or profile cylinder (order cylinder separately)
- Bolt-through mounting from inside the door
- Compatible with most Surelock Panic & Emergency Escape systems and maintaining the CE mark under BS EN 179, BS EN 1125

BENEFITS

- Provides external key entry to a panic or emergency exit door
- Certified to a range of international standards (see Product Performance Chart)
- Engineered for longevity and trouble-free service
- Heavy duty design with no visible mounting screws
- Modular design enables use on other manufacturers devices, subject to testing approvals



RECESSED LEO

SURFACE LEO

OPTIONAL ENHANCEMENTS

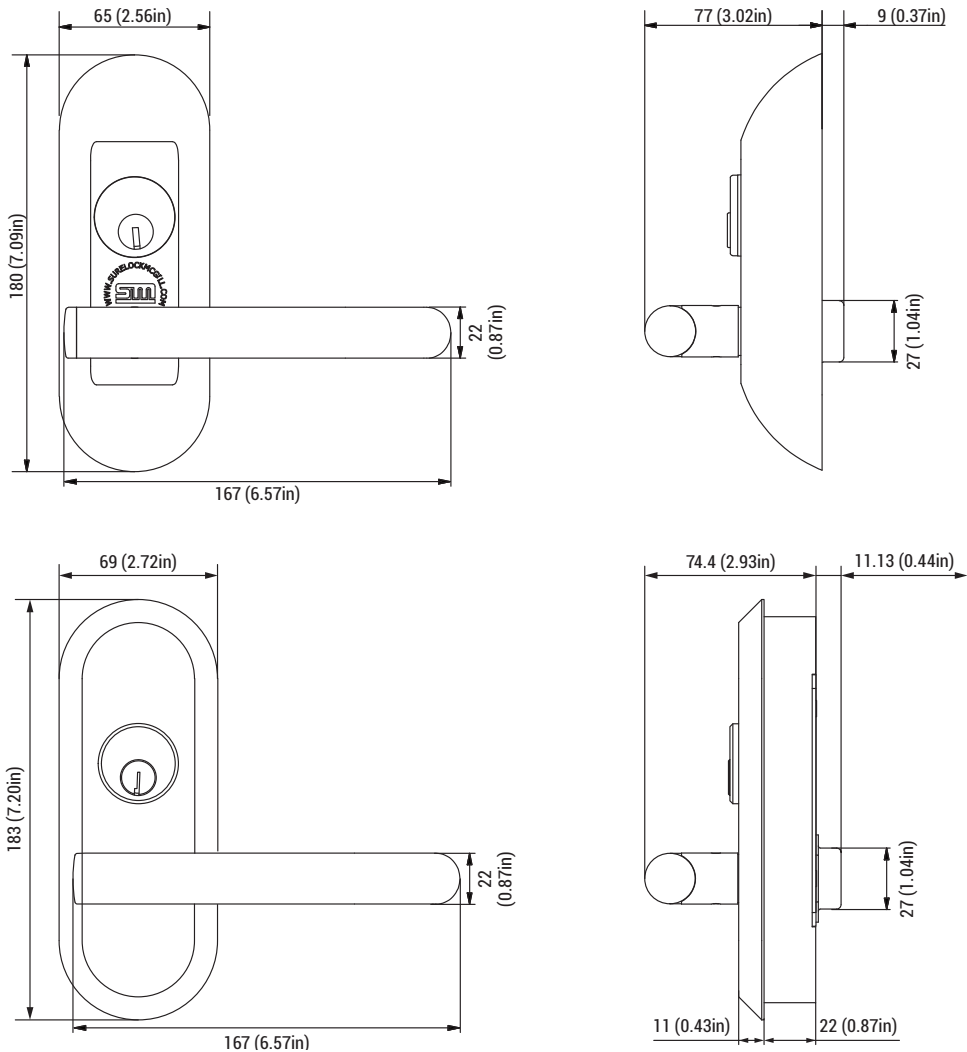
- Key retained in unlocked position (provides automatic re-locking)
- Monitoring of lock status
- Cylinder protection guard with anti-drilling plate

PRODUCT PERFORMANCE CHART

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Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES		
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D	60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
20 MIN									300 SEC						RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE		
15 MIN									240 SEC					15	RC4	BR4	SRA	UL 305	NIJ 0108.01 Level 1-4	BS 476-22	GR2	200K		
10 MIN									180 SEC						RC3	BR3							GR4	500K
5 MIN									120 SEC					5	RC2	BR2	EN 1125	UL 305	NIJ 0108.01 Level 1-4	BS 476-22	GR1	200K		
3 MIN	A3	B3							60 SEC						RC1	BR1							EN 179	UL 305
1 MIN									30 SEC															

LEO TECHNICAL DRAWINGS

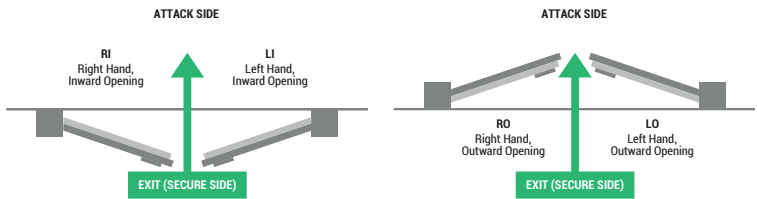


ORDERING CODES

LEO lockable handles have a simple ordering code that covers the chosen mounting method, cylinder profile, cylinder protection and handing configuration.

EXAMPLE ORDER CODE:

- S-8718 Surface LEO (option L)
- S-8719 Recessed LEO (option L1)
- S-11330 Surface LEO, Euro-profile cylinder (option L3)
- S-11335 Recessed LEO, Euro-profile cylinder (option L4)



EXAMPLE ENTRY/EXIT DIRECTIONS

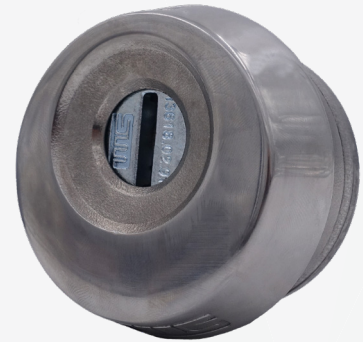
See coding chart above for reference



For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

The Surelock McGill Cylinder Guard range has been developed and continuously improved to provide protection against multiple threats, including manipulation, bumping, physical attack, ballistic, blast and fire. Successfully tested and certified to many international standards, the range includes cylinder guards to suit both surface mounted and mortice fitted locking systems.

The Cylinder Guard range can accommodate Round Rim, Scandinavian Oval, and Euro Profile cylinders. A well proven modular mounting footprint, together with a balance of unique materials enables the correct level of security protection to be selected.



GSS2/3 TO SUIT SURFACE MOUNTED LOCKING SYSTEMS

FEATURES

- Surface or mortice lock fitting applications
- Certified to LPS 1175 as part of a complete doorset
- Also achieved security testing under LPS 1673, LPS 2081, EN 1627, PAS 24 and FEBR
- Tested to ballistic standards under BS EN 1522/1523, UL 752 and FEBR
- Grade 5 corrosion resistance for building hardware
- Fixings can be bolted through most Surelock McGill locking systems
- Suits Round Rim, Scandinavian Oval, or Euro Profile cylinders

BENEFITS

- Protects cylinder from attempts of forced removal and manipulation
- Engineered for longevity and trouble-free service
- Heavy duty design with no visible fixings
- Multitude of fitting methods for ease of installation

PRODUCT PERFORMANCE CHART

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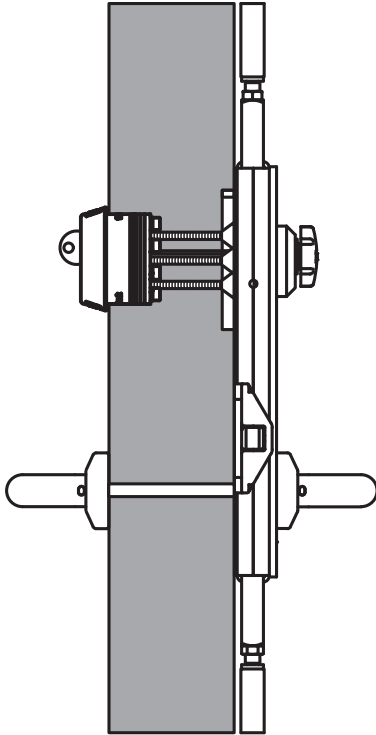


SECURITY															SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7																	SR8
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC	A300E	B300E	C300E	D300E	60	RC6	BR6	PAS 24	SRB	EN 1125	EN 1522 FB7	ISO 16933 EXV 15	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL 752 Level 10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K
10 MIN	A10	B10	C10	D10	E10				180 SEC					15	RC4	BR4	SRA	UL 305	NIJ 0108.01 Level 1-4	Certifire			GR3	
5 MIN						F5	G5		120 SEC						RC3	BR3					BS 476-22	GR1		
3 MIN									60 SEC					5	RC2	BR2								
1 MIN									30 SEC						RC1	BR1								

SURFACE VS MORTICE FITTED CYLINDER GUARD SOLUTIONS

Cylinder Guards To Suit Surface Mounted Locking Systems (GSS)

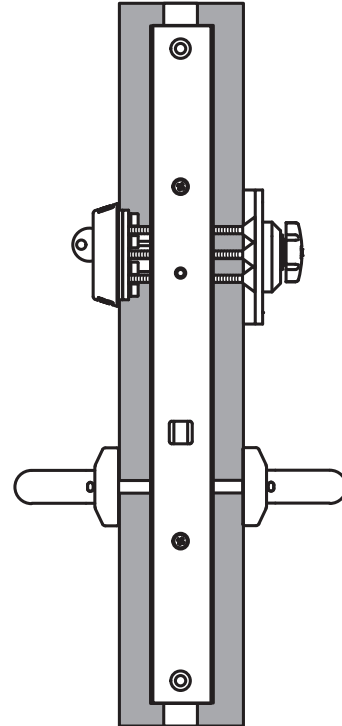
- Provides deep recess into door leaf for added security
- Compatible with most Surelock McGill surface mounted locking systems
- Suits Round Rim, Abloy Rim, Scandinavian Oval, or Euro Profile cylinders



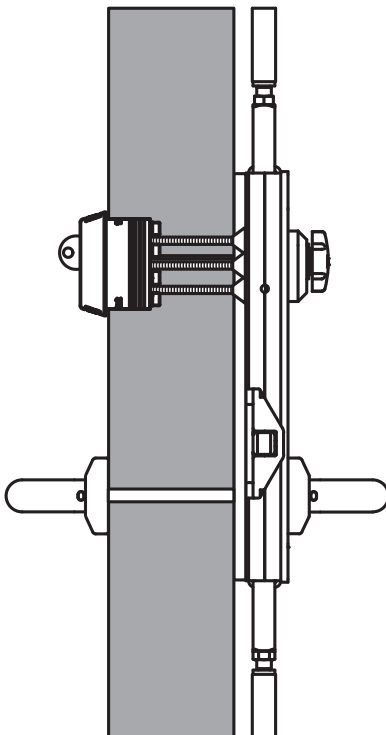
**SURFACE MOUNTED LOCKING
SYSTEM WITH FIXING PLATE**

Cylinder Guards To Suit Mortice Fitted Locking Systems (GMS)

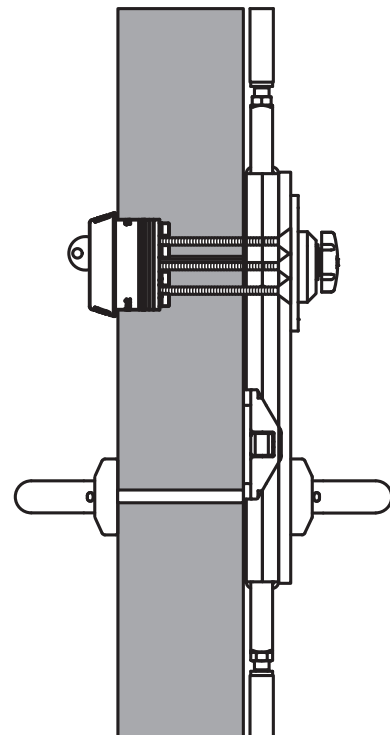
- Provides shallow recess into door leaf to allow clearance for mortice deadlock
- Compatible with most Surelock McGill mortice fitted locking systems
- Suits Euro Profile cylinders



**MORTICE FITTED LOCKING
SYSTEM WITH FIXING PLATE**



**SURFACE MOUNTED LOCKING
SYSTEM WITH B08 LOAD PLATE**



**SURFACE MOUNTED LOCKING SYSTEM
WITH W14 BOLT THROUGH PLATE**

CYLINDER GUARDS TO SUIT SURFACE MOUNTED LOCKING SYSTEMS SELECTION CHART - LPS 1175

- ☐ - Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
- - Indicates product has passed testing at this attack rating and higher.

GSS2/3



LPCB LPS 1175									
TIME	ISSUE 8							ISSUE 7	
	TOOLS							SR 1-6	
	A	B	C	D	E	F	G		
20 MIN								SR6	
15 MIN								SR5	
10 MIN	GS-LA10	GS-LB10						SR4	
5 MIN	GS-LA05	GS-LB05	GS-LC05					SR3	GS-LSR3
3 MIN	GS-LA03	GS-LB03	GS-LC03					SR2	GS-LSR2
1 MIN	GS-LA01	GS-LB01	GS-LC01	GS-LD01	GS-LE01	GS-LF01	GS-LG01	SR1	

GSS4



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN			GS-LC10	GS-LD10				SR4	GS-LSR4
5 MIN				GS-LD05				SR3	
3 MIN				GS-LD03				SR2	
1 MIN								SR1	

GSS5



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	GS-LSR5
10 MIN					GS-LE10			SR4	
5 MIN					GS-LE05			SR3	
3 MIN					GS-LE03			SR2	
1 MIN								SR1	

GSS7



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN								SR4	
5 MIN						GS-LF05	GS-LG05	SR3	
3 MIN						GS-LF03	GS-LG03	SR2	
1 MIN								SR1	

CYLINDER GUARDS TO SUIT MORTICE FITTED LOCKING SYSTEMS SELECTION CHART - LPS 1175

GMS2/3



	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN	GM-LA10	GM-LB10						SR4	
5 MIN	GM-LA05	GM-LB05	GM-LC05					SR3	GM-LSR3
3 MIN	GM-LA03	GM-LB03	GM-LC03					SR2	GM-LSR2
1 MIN	GM-LA01	GM-LB01	GM-LC01					SR1	

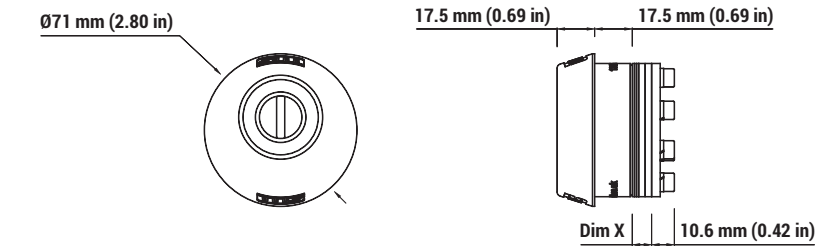
GMS4



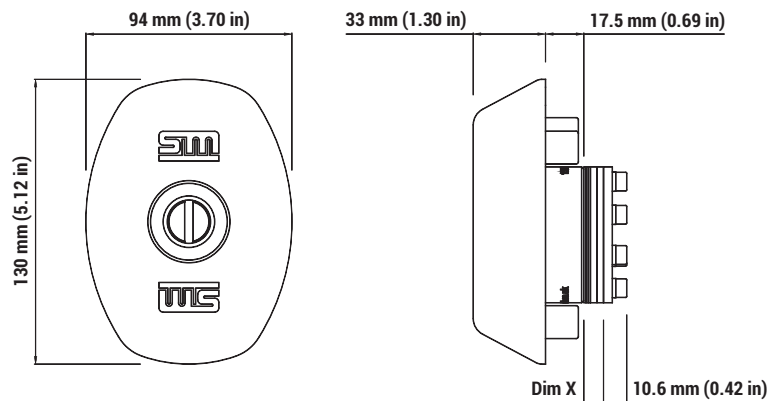
	A	B	C	D	E	F	G		SR 1-6
20 MIN								SR6	
15 MIN								SR5	
10 MIN			GM-LC10	GM-LD10				SR4	GM-LSR4
5 MIN				GM-LD05				SR3	
3 MIN				GM-LD03				SR2	
1 MIN				GM-LD01				SR1	

CYLINDER GUARDS TO SUIT SURFACE MOUNTED LOCKING SYSTEMS

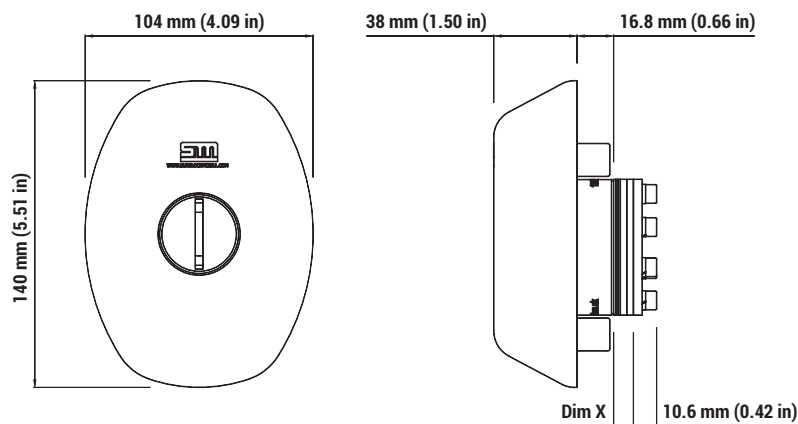
GSS2/3/4



GSS5

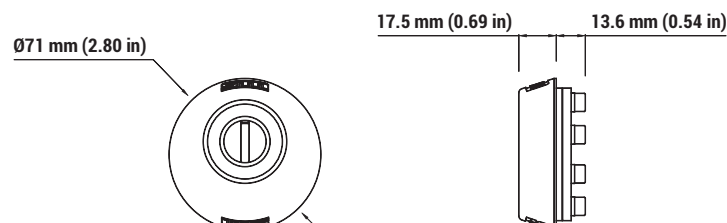


GSS7



CYLINDER GUARDS TO SUIT MORTICE FITTED LOCKING SYSTEMS

GMS2/3/4



Dim X - dependant on chosen cylinder, please see cylinders assessed to LPS 1175 chart for further information.

CYLINDERS ASSESSED TO LPS 1175

Manufacturer	Model	Cylinder Profile	GMS2/3	GMS4	GSS2/3	GSS4	GSS5	GSS7	Packers (Dim X) (mm)	LPS1175 Plus
Abloy	Disclock Pro CY403-DP	Rim			✓				13	+
Abloy	Disclock Pro CY405-DP	Rim			✓				12	+
Abloy	Disklock Pro CY201-DP	Scandinavian Oval			✓				7	+
Abloy	Disklock Pro CY303-DP, CY304-DP, CY305-DP, CY307-DP, CY308-DP, CY309-DP, CY317-DP, CY318-DP, CY319-DP, CY321-DP, CY322-DP, CY323-DP, CY326-DP, CY327-DP, CY328-DP, CY331-DP, CY332-DP, CY333-DP, CY336-DP, CY337-DP, CY338-DP	Europrofile	✓		✓				0	+
Abloy	Novel CY403-VL	Rim			✓				13	+
Abloy	Novel CY405-VL	Rim			✓				12	+
Abloy	Novel CY201-VL	Scandinavian Oval			✓				7	+
Abloy	Novel CY321-VL, CY322-VL, CY323-VL, CY326-VL, CY327-VL, CY328-VL, CY331-VL, CY332-VL, CY333-VL, CY336-VL, CY337-VL, CY338-VL	Europrofile	✓		✓				0	+
Abloy	Protec CY403-PT	Rim			✓	✓	✓		13	+
Abloy	Protec2 CY403-TT	Rim			✓	✓	✓		13	+
Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ	Rim			✓	✓	✓		13	+
Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ	Rim			✓	✓	✓		13	+
Abloy	Protec CY405-PT	Rim			✓	✓	✓		12	+
Abloy	Protec2 CY405-TT	Rim			✓	✓	✓		12	+
Abloy	Protec CY201-PT	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec2 CY201-TT	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec Cliq / Cliq Remote CY201-PT-CLIQ	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ	Scandinavian Oval			✓	✓	✓		7	+
Abloy	Protec CY303-PT, CY304-PT, CY305-PT, CY307-PT, CY308-PT, CY309-PT, CY317-PT, CY318-PT, CY319-PT, CY321-PT, CY322-PT, CY323-PT, CY326-PT, CY327-PT, CY328-PT, CY331-PT, CY332-PT, CY333-PT, CY336-PT, CY337-PT, CY338-PT	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec Cliq / Cliq Remote CY303-PT-CLIQ, CY304-PT-CLIQ, CY305-PT-CLIQ, CY331-PT-CLIQ, CY332-PT-CLIQ, CY333-PT-CLIQ	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec2 CY321-TT, CY322-TT, -CY323-TT, CY326-TT, CY327-TT, CY328-TT, CY331-TT, CY332-TT, CY333-TT, CY336-TT, CY337-TT, CY338-TT	Europrofile	✓	✓	✓	✓	✓		0	+
Abloy	Protec2 Cliq / Cliq Remote CY331-TT-CLIQ, CY332-TT-CLIQ, CY333-TT-CLIQ	Europrofile	✓	✓	✓	✓	✓		0	+
ABUS	Vitess 1000	Rim			✓	✓			2	
ABUS	Vitess 1000	Scandinavian Oval			✓	✓			7	
ABUS	Vitess 1000	Europrofile	✓	✓	✓	✓			0	
ABUS	Bravus 2000	Rim			✓	✓	✓		2	
ABUS	Bravus 2000	Scandinavian Oval			✓	✓	✓		7	
ABUS	Bravus 2000	Europrofile	✓	✓	✓	✓	✓		0	
Access2	Tigris Omega	Rim			✓	✓	✓		5	+
Access2	Tigris Omega	Scandinavian Oval			✓	✓	✓		7	+
Access2	Tigris Omega	Europrofile	✓	✓	✓	✓	✓		0	+
Access2	Tigris Plus	Rim			✓	✓			5	
Access2	Tigris Plus	Scandinavian Oval			✓	✓			7	
Access2	Tigris Plus	Europrofile	✓	✓	✓	✓			0	
Access2	Tigris Premier, Premier 2, Premier 3	Rim			✓	✓	✓		5	+
Access2	Tigris Premier, Premier 2, Premier 3	Scandinavian Oval			✓	✓	✓		7	+
Access2	Tigris Premier, Premier 2, Premier 3	Europrofile	✓	✓	✓	✓	✓		0	+
Acsys	BL, SL, DL	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	4457	Rim			✓	✓	✓		4	+
ASSA	4401, 4407	Scandinavian Oval			✓	✓	✓		7	+
ASSA	4401, 4407 Cliq / Cliq Remote	Scandinavian Oval			✓	✓	✓		7	+
ASSA	4422, 4423, 4427	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	44M22, 44M23, 44M27 Cliq / Cliq Remote	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	4857	Rim			✓	✓	✓		4	
ASSA	4801, 4807	Scandinavian Oval			✓	✓	✓		7	

Manufacturer	Model	Cylinder Profile	GMS2/3	GMS4	GSS2/3	GSS4	GSS5	GSS7	Packers (Dim X) (mm)	LPS1175 Plus
ASSA	4822, 4823, 4827	Europrofile	✓	✓	✓	✓	✓		0	
ASSA	C5857	Rim			✓	✓	✓		4	+
ASSA	C5801, C5807	Scandinavian Oval			✓	✓	✓		7	+
ASSA	C5822, C5823, C5827	Europrofile	✓	✓	✓	✓	✓		0	+
ASSA	7657	Rim			✓	✓			4	
ASSA	7601, 7607	Scandinavian Oval			✓	✓			7	
ASSA	7622, 7623, 7627	Europrofile	✓	✓	✓	✓			0	
iLOQ	C10S.1	Scandinavian Oval			✓	✓		✓	15	+
Kaba	experT	Scandinavian Oval			✓	✓	✓	✓	6	+
Kaba	experT	Europrofile	✓	✓	✓	✓	✓	✓	0	+
Kaba	Gege pExtra	Scandinavian Oval			✓	✓	✓		7	+
Kaba	Gege pExtra	Europrofile	✓	✓	✓	✓	✓		0	+
Kaba	Gege RAM	Scandinavian Oval			✓	✓	✓		7	+
Kaba	Gege RAM	Europrofile	✓	✓	✓	✓	✓		0	+
Kaba	K20	Rim			✓	✓	✓		0	
Kaba	K20	Scandinavian Oval			✓	✓	✓		6	
Kaba	Quattro Plus	Rim			✓	✓	✓		0	+
Kaba	Quattro Plus	Scandinavian Oval			✓	✓	✓		6	+
Kaba	Quattro Plus	Europrofile	✓	✓	✓	✓	✓		0	+
KESO	4000S	Rim			✓	✓	✓		2	+
KESO	4000S	Scandinavian Oval			✓	✓	✓		7	+
KESO	4000S	Europrofile	✓	✓	✓	✓	✓		0	+
Locken/ISEO	8SVA20A329M	Scandinavian Oval			✓	✓	✓		7	+
Locken/ISEO	8MVA030309M, 8MVA830309M, 8MVA030109M	Europrofile	✓	✓	✓	✓	✓		0	+
Medeco	M3-ARX - Large Head Keys Recommended	Rim			✓	✓	✓	✓	4	+
Medeco	M3-ARX - Large Head Keys Recommended	Scandinavian Oval			✓	✓	✓	✓	7	+
Medeco	M3-ARX - Large Head Keys Recommended	Europrofile	✓	✓	✓	✓	✓	✓	0	+
Mul-T-Lock	Classic Pro	Rim			✓	✓			4	
Mul-T-Lock	Classic Pro	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Classic Pro	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	Interactive+	Rim			✓	✓			4	
Mul-T-Lock	Interactive+	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Interactive+	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	Intergrator	Rim			✓	✓	✓		4	
Mul-T-Lock	Intergrator	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	Intergrator	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	MT5	Rim			✓	✓			4	
Mul-T-Lock	MT5	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	MT5	Europrofile	✓	✓	✓	✓			0	
Mul-T-Lock	MT5+	Rim			✓	✓			4	
Mul-T-Lock	MT5+	Scandinavian Oval			✓	✓			7	
Mul-T-Lock	MT5+	Europrofile	✓	✓	✓	✓			0	
Schlage	MC201	Rim			✓	✓	✓			
Schlage	EC901, EC902, EC903	Europrofile	✓	✓	✓	✓	✓		0	
Surelock McGill	CY-RM	Rim			✓	✓	✓		5	+
Surelock McGill	CY-SN	Scandinavian Oval			✓	✓	✓		7	+
Surelock McGill	CY-ED, CY-ET, CY-ES	Europrofile	✓	✓	✓	✓	✓		0	+
Videx	Cyberlock CL-OVLD	Scandinavian Oval			✓	✓	✓		7	+
Winkhaus	VS6	Rim			✓	✓			2	
Winkhaus	VS6	Scandinavian Oval			✓	✓			7	
Winkhaus	VS6	Europrofile	✓	✓	✓	✓			0	
Yale	X5	Rim			✓	✓			4	

FURTHER ACCREDITATION - CYLINDER GUARD SELECTION CHART

-  - Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
 - Indicates product has passed testing at this attack rating and higher.

TESTING	GSS2/3	GSS4	GSS5	GSS7	GMS2/3	GMS4
FEBR (60 MINS)			GS-FX60			
FEBR (30 MINS)			GS-FX30			
FEBR (15 MINS)		GS-FX15**				
FEBR (05 MINS)		GS-FX05**				
EN-1627 (RC5)				GS-ERC5		
EN-1627 (RC4)	GS-ERC4					
EN-1627 (RC3)	GS-ERC3					
EN-1627 (RC2)	GS-ERC2					
EN-1627 (RC1)	GS-ERC1					
LPS 2081 (B03)	GS-SB03				GM-SB03	
LPS 2081 (A01)	GS-SA01				GM-SA01	
PAS24	GS-PXXX				GM-PXXX	
LPS 1673 (A30-D300)					GM-D300	

** Supplied as a stainless steel housing with 6mm disc

INSTALLATION FIXING DETAIL REFERENCE CHART

FIXING LENGTH	STANDARD CYLINDER FIXING METHOD	OPTION B08 (5 mm (0.2") cylinder guard load plate fixing)	OPTION W14 (Bolt through cylinder guard fixing)
	Referring to thickness of door leaf		
40 mm (1.57")	40 mm (1.57") to 50 mm (1.97")	35 mm (1.38") to 45 mm (1.77")	
50 mm (1.97")	50 mm (1.97") to 60 mm (2.36")	45 mm (1.77") to 55 mm (2.17")	
60 mm (2.36")	60 mm (2.36") to 70 mm (2.76")	55 mm (2.17") to 65 mm (2.56")	
70 mm (2.76")	70 mm (2.76") to 80 mm (3.15")	65 mm (2.56") to 75 mm (2.95")	40 mm (1.57") to 50 mm (1.97")
80 mm (3.15")	80 mm (3.15") to 90 mm (3.54")	75 mm (2.95") to 85 mm (3.35")	50 mm (1.97") to 60 mm (2.36")
90 mm (3.54")	90 mm (3.54") to 100 mm (3.94")	85 mm (3.35") to 95 mm (3.74")	60 mm (2.36") to 70 mm (2.76")
Screw length option W14 subject to change when any packing options are introduced			

SELF CODING SYSTEM

Cylinder Guards have a structured ordering code that covers the chosen style of guard, security accreditation, cylinder profiles as well as fixings to be supplied.

EXAMPLE ORDER CODE: GS-LD05-RR61

PRODUCT NAME		ACCREDITATION		SECURITY RATING (SR/SC)	ATTACK DURATION	CYLINDER PROFILE		FIXINGS		FIXING PLATE	
GS	Surface	L	LPS 1175	SR1 – SR5 (Issue 7)		RR	Round Rim (Standard)	X	No fixings supplied	X	None
GM	Mortice			A – G (Issue 8)		01, 03, 05, 10, 15, 20 Mins		AR	Abloy Rim	4	40 mm (1 1/2")
		S	LPS 2081	A01 or B03		SI	Mortice (Screw-in)	5	50 mm (2")		
		E	EN 1627	RC1 – RC6		SO	Scan Oval	6	60 mm (2 3/8")		
		F	FEBR	X	05, 15, 30, 60 Mins	EU	Euro-profile	7	70 mm (2 3/4")		
		P	PAS 24	XXX				8	80 mm (3 1/4")		
		N	NPSA	A01/CO1/DO1				9	90 mm (3 1/2")		
		D	LPS 1673	300 Secs							

Designed for comfortable and ergonomic operation, the Surelock McGill lever handles offer a robust drive for 8 mm lock spindles.

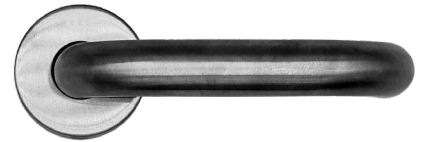
Manufactured from Grade 316 stainless steel and tested to over 1,000,000 cycles, its rugged construction ensures longevity and durability even in high-traffic areas and external applications.



ERGONOMIC CRANKED LEVER HANDLE

FEATURES

- Brushed stainless steel finish provides a modern appearance
- Internal and External handle options
- Provides a non-handed and bi-directional means of escape
- Grade 316 stainless steel construction for hostile environments and durability
- Tested to over 1,000,000 cycles



STRAIGHT LEVER HANDLE

BENEFITS

- Can be used in conjunction with a range of Surelock McGill locking systems such as the multi-point Slimline lock or the single point Stirling lock to provide a fully functional and EN 179 compliant means of escape
- Ergonomic design
- Compatible with a range of locking and bolting systems

OPTIONAL FINISHES

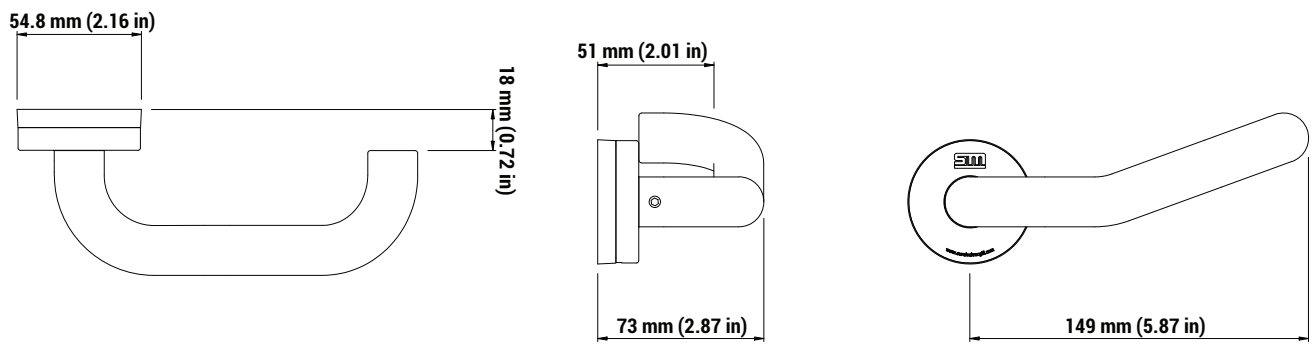
- Green
- Brass
- Copper
- Bronze

PRODUCT PERFORMANCE CHART

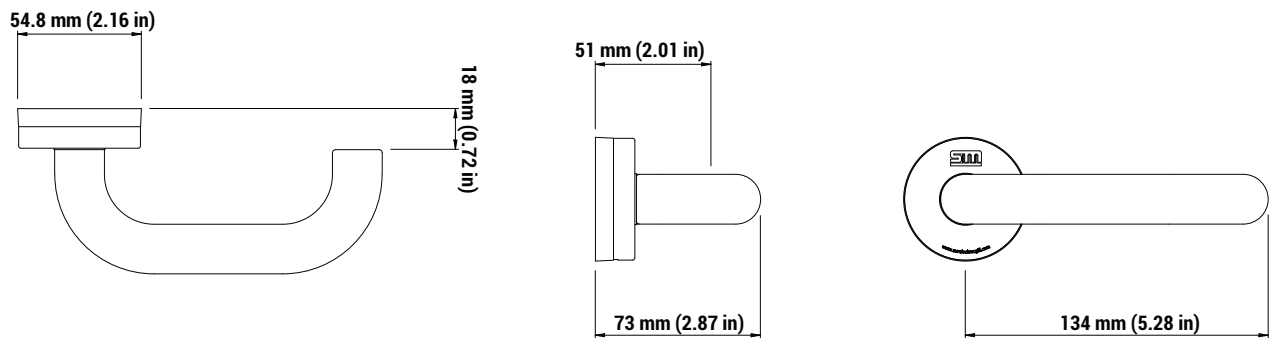
☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																	
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D												
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL	
15 MIN									240 SEC						RC5	BR5							EN 1634-1		
10 MIN									180 SEC					15	RC4	BR4					EN 179	UL752 Level 1-10		GR4	500K
5 MIN									120 SEC						RC3	BR3						GR3			
3 MIN									60 SEC					5	RC2	BR2			UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	CERTIFIRE	GR2	200K	
1 MIN									30 SEC						RC1	BR1					BS 476-22		GR1		

LEVER HANDLES TECHNICAL DRAWINGS



CRANKED LEVER HANDLE



STRAIGHT LEVER HANDLE

SELF CODING SYSTEM

The Lever Handles have a simple ordering code. Additional finishes can be added to further customise the device

EXAMPLE ORDER CODE: LS

PRODUCT CODE

See coding chart above for reference



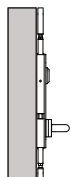
LE - Ergonomic Cranked
Lever Handle



LS - Straight Lever
Handle

EXAMPLE ENTRY/EXIT DIRECTIONS

See coding chart above for reference



Entry (XXXX)
Exit (LMLS)

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

The Anti-Fishing Security handle prevents criminals from gaining entry to a facility through the method known as 'fishing'. The right angle design of the handle prevents wires or alike tools from being hooked on to the handle and pulled down (fishing) and retract the bolt. For environments that are exposed and are likely to be targeted by criminals, the Anti-Fishing handle is the perfect security locking system accompaniment.



ANTI-FISHING HANDLE WITH SHROUD

FEATURES

- Stainless steel finish provides a modern appearance and durability in all-weather environments
- Unique right-angle design of the handle
- Internal handle protection shroud option available

BENEFITS

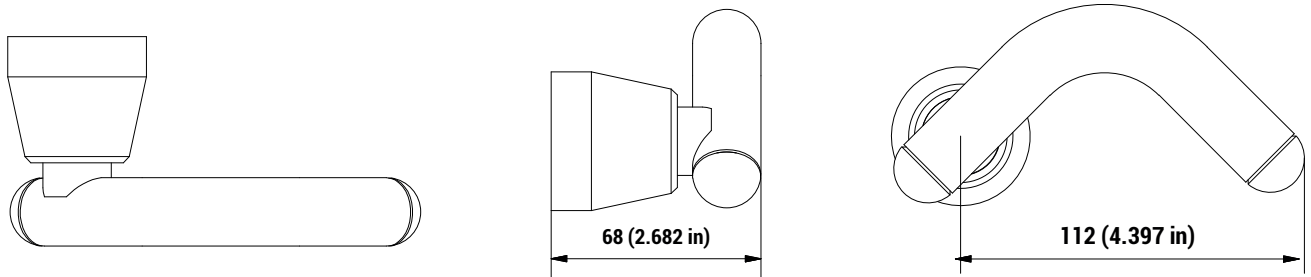
- Can be used in conjunction with a range of locking systems such as our multi-point Moorgate lock or the single point Purbrook GT lock to provide a fully functional physical security system
- Prevents intentional fishing attempts
- Ideal solution for gates where handles may be vulnerable

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly.
Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY															SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175								LPS 1673 (AR.)					FEBR (min)	EN 1627							STS 202	PAS 24	LPS 2081	
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7																	SR8
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D											
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL
15 MIN									240 SEC						RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	EN 1634-1	GR4	500K
10 MIN									180 SEC					15	RC4	BR4	UL 305	NIJ 0108.01 Level 1-4	CERTIFIRE	BS 476-22	GR3			
5 MIN									120 SEC						RC3	BR3					GR2	200K		
3 MIN									60 SEC					5	RC2	BR2					GR1			
1 MIN									30 SEC						RC1	BR1								

ANTI-FISHING SECURITY HANDLE TECHNICAL DRAWING



SELF CODING SYSTEM

The Anti-Fishing Security Handle has a simple ordering code. Additional finishes can be added to further customise the device

EXAMPLE ORDER CODE: AF

PRODUCT CODE

See coding chart above for reference



AF - Anti-Fishing
Security Handle

The security handle shroud adds an additional layer of security to your door or gate. The shroud offers protection against gaining forced entry through a method known as 'fishing'. By covering the handle, the shroud resists a wire or similar from being passed to the egress side of a gate or door and attempting to hook the handle and pull it down to retract the bolts (fishing).

Manufactured from 316 stainless steel with a fully enclosed option available, the security handle shroud is an ideal lock accompaniment for environments that are exposed to fishing, such as external gates and louvred doors.



SECURITY HANDLE SHROUD

FEATURES

- Stainless steel finish provides a modern appearance and durability in all environments.
- Covered option encases the handle to protect against tampering.

BENEFITS

- Can be used in conjunction with a range of locking systems including motorised systems.
- Security handle shroud easily retrofitted with fixings that match the existing Surelock McGill handle footprint.
- Ideal solution for gates and louvred doors where handles may be vulnerable to fishing attacks.



SLIMLINE WITH SECURITY
HANDLE SHROUD



SOLENT WITH SECURITY
HANDLE SHROUD

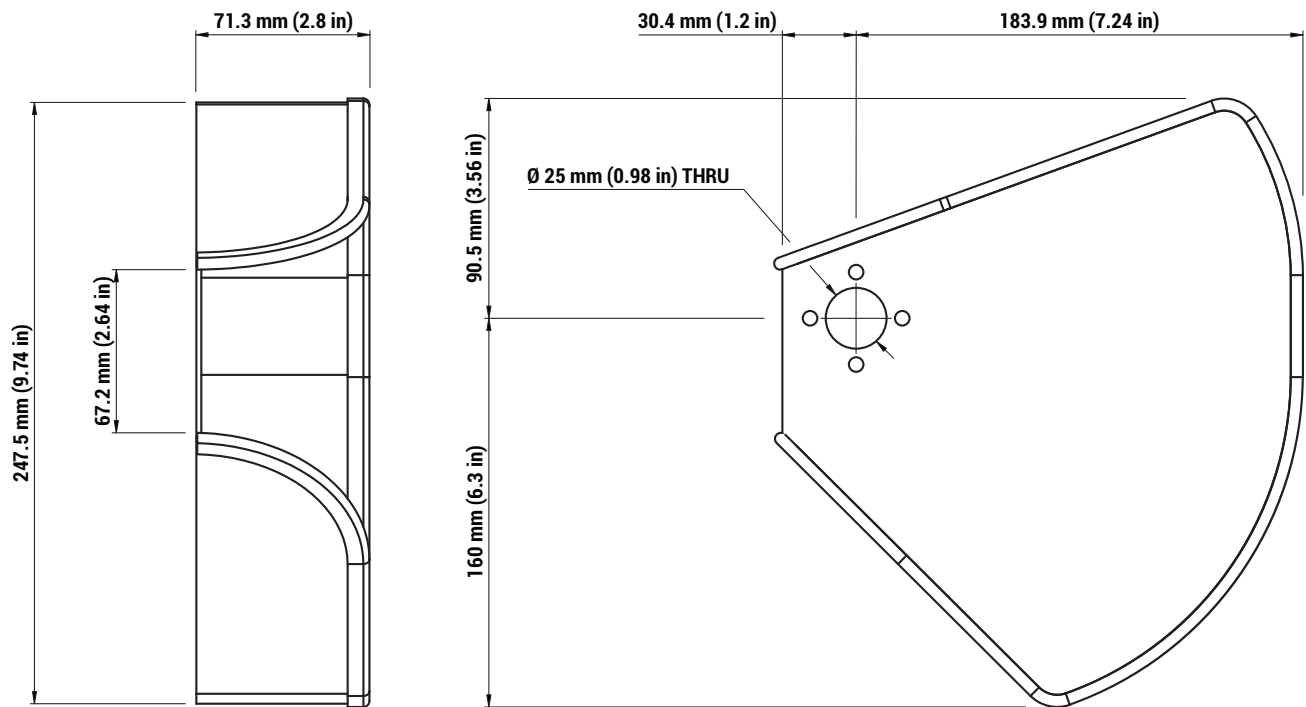


MOORGATE WITH SECURITY
HANDLE SHROUD



STIRLING WITH SECURITY
HANDLE SHROUD

SECURITY HANDLE SHROUD TECHNICAL DRAWING



SELF CODING SYSTEM

The security handle shroud has a simple ordering code. Additional finishes can be added to further customise the device

EXAMPLE ORDER CODE: C03

PRODUCT CODE		See coding chart above for reference
 C03 - Security Handle Shroud	 C04 - Covered Security Handle Shroud	

Specifically designed to prevent harm by ligature and lower ligature risk to health and mental health care service users. The handle helps protect both patients and staff by using Pin Torx security screws and curved corners, as well as an encapsulated lip preventing fabric being hooked behind the handle.



LIGATURE-RESISTANT LEVER HANDLE

FEATURES

- Unique 'bridge' and 'snib' design to the handle element of the mechanism to avoid any ligatures being threaded through or hooked on to the handle element and tied around it.
- Secured using tamper proof pin torx security screws which decreases the risk of self-harm by the service user.
- Aluminium and stainless-steel construction

BENEFITS

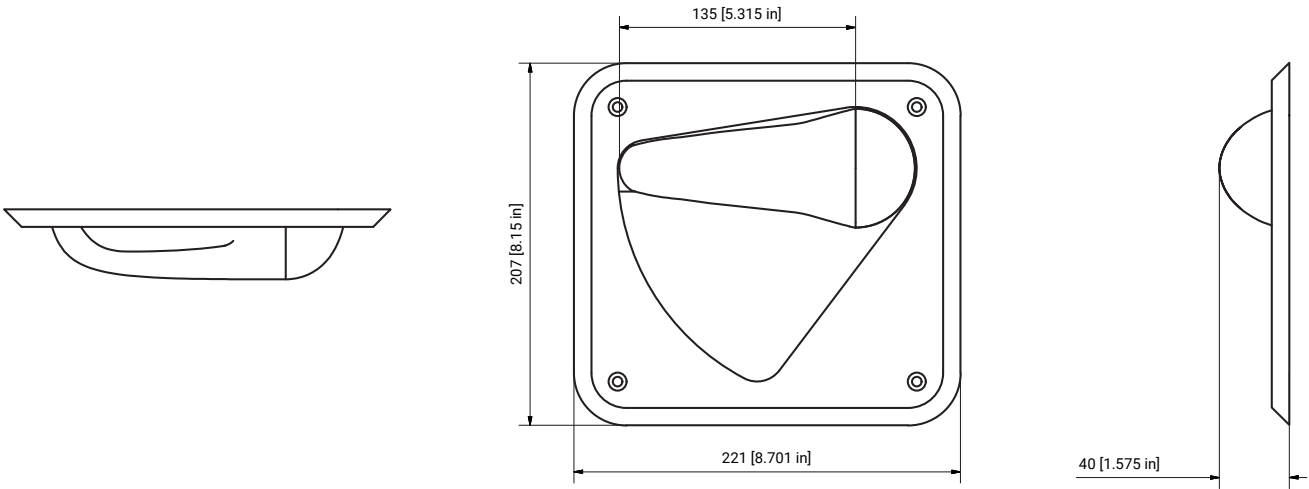
- Compatible with the Surelock McGill Slimline multi-point locking system

PRODUCT PERFORMANCE CHART

 Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081		
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL		
15 MIN									240 SEC						RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE	GR4	500K		
10 MIN									180 SEC					15	RC4	BR4			EN 305	NIJ 0108.01 Level 1-4	BS 476-22	CERTIFIRE	GR3	200K		
5 MIN									120 SEC						RC3	BR3	SRA	UL 305	NIJ 0108.01 Level 1-4	ASTM F2927 Cat 1	BS 476-22	GR2	200K			
3 MIN									60 SEC						RC2	BR2						GR1				
1 MIN									30 SEC					5	RC1	BR1										

LIGATURE-RESISTANT LEVER HANDLE TECHNICAL DRAWINGS

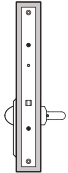
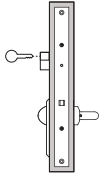


SELF CODING SYSTEM

Ligature-resistant products have a simple ordering code that covers the product code

EXAMPLE ORDER CODE: AL

PRODUCT CODE		See coding chart above for reference
		
AL - Ligature-resitant Lever Handle (Inside)		

EXAMPLE ENTRY/EXIT DIRECTIONS		See coding chart above for reference
		
Entry (LMAL) Exit (LMLS)		
	Entry (KMAL) Exit (LMLS)	

For further ENTRY and EXIT methods & a full range of enhancements please contact our sales office.

A range of ligature-resistant products specifically designed for use in mental, and secure health facilities. These products help to provide an appropriate level of controlled access, with protection for both patient and staff.



AN505 GUARDED PULL HANDLE



AN506 SUNKEN PULL HANDLE

GUARDED PULL HANDLE

- Pull handle on staff side of door provides force advantage when used in conjunction with 'Sunken Pull Handle' on patient side
- Through-bolt mounting
- Anodised aluminium

SUNKEN PULL HANDLE

- Sunken pull handle on patient side of door provides force disadvantage when used in conjunction with 'Guarded Pull Handle' on staff side
- Through-bolt mounting
- Anodised aluminium

OPTIONAL ENHANCEMENTS

- Anti-viral & anti-bacterial handle coatings - designed to reduce the chance of transmission and maintain safe environments*

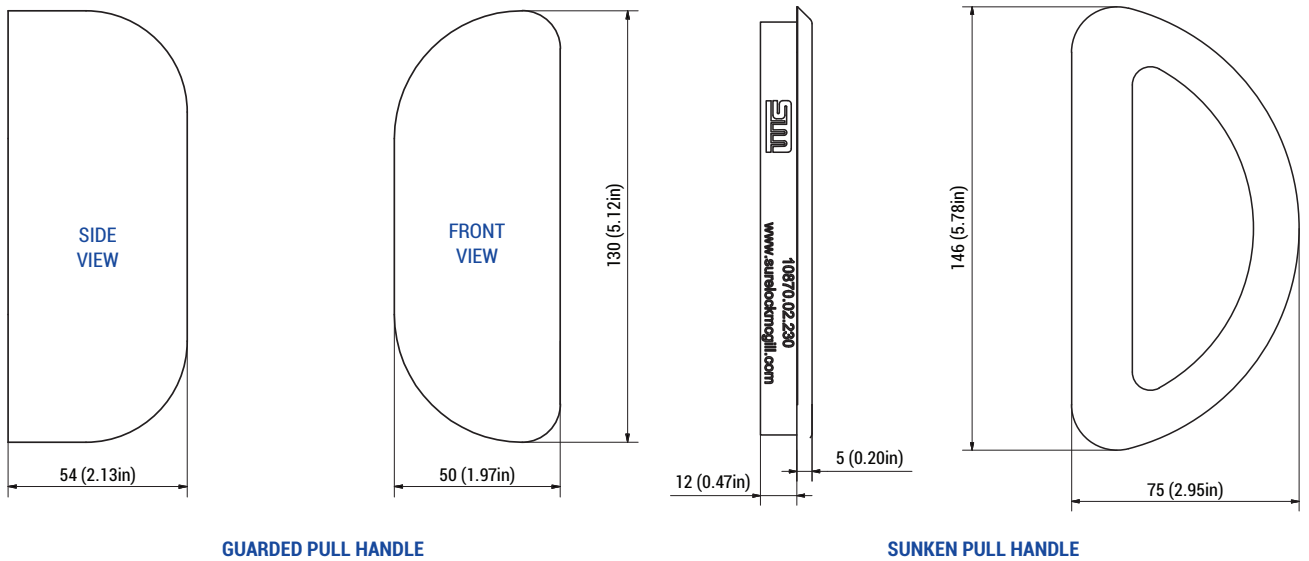
* These are available for all common door touchpoints, such as handles, panic bars, thumbturns etc. Tests show over 99% of bacteria killed over 24 hours, 66% of coronavirus killed in just 2 hours in accordance with ISO 21702:2019.

PRODUCT PERFORMANCE CHART

☐ Indicates product has been certified, or tested & approved as part of a complete doorset assembly. Product certification is subject to the chosen lock configuration, for full details please contact the sales office.

SECURITY																	SAFETY	BALLISTIC	BLAST	FIRE	CORROSION	CYCLES				
LPS 1175									LPS 1673 (AR.)					FEBR (min)	EN 1627	STS 202							PAS 24	LPS 2081		
Issue 7	SR1	SR2	SR3	SR4	SR5	SR6	SR7	SR8																		
Issue 8	A	B	C	D	E	F	G	H	TIME	A	B	C	D													
20 MIN									300 SEC					60	RC6	BR6	PAS 24	SRB	EN 1125	EN1522 FB1-7	ISO 16933 EXV 15/25	UL 10C	GR5	1 MIL		
15 MIN									240 SEC						RC5	BR5			EN 179	UL752 Level 1-10	ASTM F2927 Cat 1	CERTIFIRE	GR4	500K		
10 MIN									180 SEC					15	RC4	BR4		UL 305	NIJ 0108.01 Level 1-4	BS 476-22		GR3	200K			
5 MIN									120 SEC						RC3	BR3										
3 MIN									60 SEC					5	RC2	BR2										
1 MIN									30 SEC						RC1	BR1										

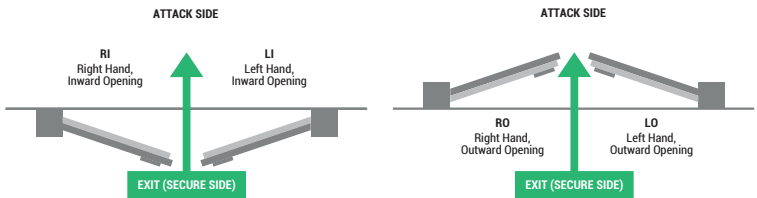
LIGATURE-RESISTANT PULL HANDLE TECHNICAL DRAWINGS



SELF CODING SYSTEM

Ligature-resistant pull handles have a simple ordering code that covers Guarded or Sunken handle

EXAMPLE ORDER CODE: AN506



PRODUCT CODE		See coding chart above for reference
		
AN505 - Guarded Pull Handle	AN506 - Sunken Pull Handle	



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who secure the country]