

# Locks

## Lock Testing and Specification

BS EN 12209:2003 has introduced a classification system allowing lock manufacturers to test locks with a wide range of purposes and qualities to a set of common standards. The standards identify the use, durability, door mass & closing force, fire resistance, safety, corrosion resistance, security and drill resistance, field of application, type of key operation and locking, type of spindle operation, and key operation for lever locks. This is represented by an eleven alphanumeric code.

Cylinders are tested separately under BSEN1303

### Digit 1 Category of use

Three categories of use are identified:

Grade 1: low frequency of use by people with a high incentive to exercise care and a small chance of misuse. E.g. residential doors

Grade 2: medium frequency of use by people with some incentive to exercise care but where there is some chance of misuse. E.g. internal office doors.

Grade 3: high frequency of use by public or others with little incentive to exercise care and with a high chance of misuse.

### Digit 2 Durability

Twelve grades are identified with minimum figures for deadbolt and snib operation with and without side load as shown. The side load is applied to the latch bolt when it is being withdrawn

Increasing side load →

↑	Grade C	Grade H	Grade M	Grade S	Grade X
No. of	Grade B	Grade G	Grade L	Grade R	Grade W
Operations	Grade A	Grade F			

### Digit 3 Door mass and Closing Force

Nine grades are identified with maximum figures for closing force at various door masses as shown. Note: closing force is from a standing start: i.e. extended latch bolt in contact with striking plate at start of test

Maximum Closing force	Door mass up to 100kg	Door mass up to 200kg	Door mass above 200kg
15N	Grade 7	Grade 8	Grade 9
25N	Grade 4	Grade 5	Grade 6
50N	Grade 1	Grade 2	Grade 3

# Locks

## Digit 4 Fire Resistance

Two grades are identified:-

Grade 0: not approved for use on a fire/smoke door assemblies tested to BSEN1634-1

Grade 1: suitable for use on fire/smoke door assemblies tested to BSEN1634-1

Note 1: Grade one classification means only that the lock has been designed for use on fire/smoke door assemblies. For actual fire performance achieved reference should be made to the actual performance achieved in a separate fire test report.

Note 2: Where a product is intended for a fire/smoke door use it must be possible to demonstrate compliance with the Essential Requirements of the Construction Products (Amendments) Regulations. It is recommended that the product should bear a CE mark.

## Digit 5 Safety

No requirement but note: a lock or latch conforming to this standard can at the same time be part of an exit device conforming to BSEN1125 or BSEN179 and therefore need to be marked 1 for safety compliance.

## Digit 6 Corrosion Resistance

Eight grades are identified with neutral salt spray (NSS) corrosion resistance grades from EN 1670:1998 with and without temperature resistance as shown.

Corrosion Resistance (NSS)	Temperature resistance	
	No requirement	-20°C to +80°C
240 hours	grade D	Grade G
96 hours	Grade C	Grade F
48 hours	Grade B	Grade E
24 hours	Grade A	
no requirement	Grade 0	

## Digit 7 Security and Drill resistance

Seven grades are identified with minimum figures for requirements relating to physical attack with or without drilling of the lock cases as shown:

	No drilling requirement	No drilling requirement
↑	Grade 6	Grade 7
Increasing	Grade 4	Grade 5
resistance	Grade 3	
to attack	Grade 2	
	Grade 1	



# Locks



## Five lever security sash lock

Security locks type tested to BS3621:2004 & BSEN12209:2003

2	X	5	0	0	F	7	F	D	2	B
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Mechanism: five levers providing minimum 1000 key variations  
drill resistant side plates & hardened steel rollers

Case size 108x67mm or 76mm

Backset 44mm or 57mm

Follower centre to keyway centre 57mm

Faceplate 156mmx25mm

SSLO8509.940	5 lever sash lock 67mm	SC
SSLO8509.933	5 lever sash lock 67mm	PB
SSLO8509.954	5 lever sash lock 76mm	SC
SSLO8509.947	5 lever sash lock 76mm	PB

## Five lever security dead lock

Security locks type tested to BS3621:2004 & BSEN12209:2003

2	X	5	0	0	F	7	K	D	0	B
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Mechanism: five levers providing minimum 1000 key variations  
drill resistant side plates & hardened steel rollers

SSLO8509.989	5 lever dead lock 67mm	SC
SSLO8509.982	5 lever dead lock 67mm	PB
SSLO8509.940	5 lever dead lock 76mm	SC
SSLO8510.003	5 lever dead lock 76mm	PB



# Locks

## Three lever lock



3 lever mechanism  
reversible latch bolt  
brass dead bolt  
suitable for bolt through furniture 38mm centres  
8mm follower  
Flat striking plate  
Case size 108x63mm or 76mm  
Backset 44mm or 57mm  
Follower centre to keyway centre 57mm  
Faceplate 156mmx23mm

SSLO87105.583	3 lever sash lock 63mm	NP
SSLO87105.582	3 lever sash lock 63mm	EB
SSLO87105.585	3 lever sash lock 75mm	SC
SSLO87105.584	3 lever sash lock 75mm	EB



## Case latch Heavy sprung commercial latch

SSLO 87.1013.23	Case Latch 76mm	SC
SSLO 87.1013.24	Case Latch 76mm	PB

# Locks

## Bathroom lock



reversible latch bolt  
 brass dead bolt  
 suitable for bolt through furniture 38mm centres  
 8mm follower  
 Flat striking plate  
 Case size 108x63mm or 76mm  
 Backset 44mm or 57mm  
 Follower centre to keyway centre 57mm  
 Faceplate 156mmx23mm

SSLO 87.105.590	Bathroom lock 63mm	NP
SSLO 87.105.589	Bathroom lock 63mm	EB
SSLO 87.105.592	Bathroom lock 76mm	NP
SSLO 87.105.591	Bathroom lock 76mm	EB

## Bathroom lock Heavy duty



reversible latch bolt  
 brass dead bolt  
 suitable for bolt through unsprung furniture 38mm centres  
 8mm follower  
 Flat striking plate  
 Case size 102x63mm or 76mm  
 Backset 44mm or 57mm  
 5mm WC follower  
 Follower centre to keyway centre 57mm

SSLO 87.101.290	Bathroom lock 63mm	SC
SSLO 87.101.291	Bathroom lock 63mm	PB
SSLO 87.101.293	Bathroom lock 76mm	SC
SSLO 87.101.294	Bathroom lock 76mm	PB

Also available with 8mm WC follower

# Locks

## DIN Lock cases

A range of lock cases for commercial & health care situations requiring compliance with DDA recommendations



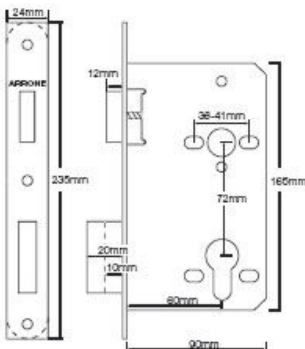
### DIN standard lock cases. 55mm backset 72mm centres

Mortice sash lock case	SS	SSLO 90.6204
Mortice dead lock case	SS	SSLO 90.6816
Mortice night latch case	SS	SSLO 90.61816
Mortice latch	SS	SSLO 90.62016
Mortice bathroom lock	SS	SSLO 90.6107
Rebate set 12.5mm	SS	SSLO 90.6226.13
Rebate set 25mm	SS	SSLO 90.6226.25

Sash lock tested to BSEN12209:2003 and included in fire test to BS1635-1. CE marked

3	X	5	1*	0	F	3	B	C	2	0
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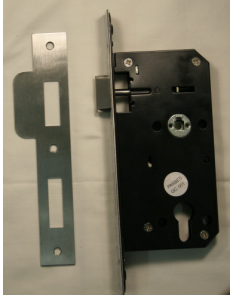
### DIN standard lock cases 60mm backset 72mm centres



	finish	Catalogue no	finish	Catalogue no.
Mortice sash lock case	SC	SSLO 91.720.04	PB	SSLO 91.820.04
Mortice dead lock case	SC	SSLO 91.781.06	PB	SSLO 91.881.06
Mortice latch	SC	SSLO 91.701.06	PB	SSLO 91.801.06
Mortice night latch case	SC	SSLO 91.718.16	PB	SSLO 91.818.16
Bathroom lock	SC	SSLO 91.710.07	PB	SSLO 91.810.07
Escape sash lock	SC	SSLO 91.721.04	PB	SSLO 91.821.04
Rebate set 12.5mm	SC	SSLO 91.727.13	PB	SSLO 91.828.13
Rebate set 25mm	SC	SSLO 91.727.25	PB	SSLO 91.828.25

# Locks

## DIN standard Escape sash lock case



### 55mm backset 72mm centres

Escape locks provide both dead bolt security and single action exit facilities. This versatile escape lock can be handed on site to provide left of right hand operation for open in or out situations

		Catalogue no.		Catalogue no.
Mortice escape sash lock	SS	SSLO 27.2623.2323	PB	SSLO 27.2623.207

Sash Lock tested to  
BSEN12209:2003

2	H	4	1*	0	B	2	B	A	2	0
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Did you know??

Our trade counter is open from 7:30am until 5:00pm

We can offer bespoke signs



# Locks

## UK profile lock cases

Medium duty lock case range suitable for use in domestic and light commercial situations where DDA compliance is not required.

### Mortice sash lock cases



		Catalogue no.		Catalogue no.
Europrofile sash lock case 67mm	SC	SSLO 87.101.308	PB	SSLO 87.101.309
Europrofile sash lock case 76mm	SC	SSLO 87.101.311	PB	SSLO 87.101.312
Oval profile sash lock case 67mm	SC	SSLO 87.101.296	PB	SSLO 87.101.297
Oval profile sash lock case 76mm	SC	SSLO 87.101.299	PB	SSLO 87.101.300

### Mortice Dead lock cases

		Catalogue no.		Catalogue no.
Europrofile dead lock case 67mm	SC	SSLO 87.101.314	PB	SSLO 87.101.315
Europrofile dead lock case 75mm	SC	SSLO 87.101.317	PB	SSLO 87.101.318
Oval profile dead lock case 67mm	SC	SSLO 87.101.302	PB	SSLO 87.101.303
Oval profile dead lock case 76mm	SC	SSLO 87.101.305	PB	SSLO 87.101.306



### Mortice night latch case

Non-deadlocking



Oval profile mortice night latch case 67mm	SC	SSLO 25.18233.203
Oval profile mortice night latch case 67mm	SC	SSLO 25.18233.204
Oval profile mortice night latch case 76mm	PB	SSLO 25.18233.205
Oval profile mortice night latch case 76mm	PB	SSLO 25.18233.206

### Rebate sets

	SC	PB
Rebate set 13mm for sash lock case	SSLO 87.102.651	SSLO 87.102.650
Rebate set 25mm for sash lock case	SSLO 87.102.654	SSLO 87.102.653
Rebate set 13mm for Dead lock case	SSLO 87.102.657	SSLO 87.102.656
Rebate set 25mm for Dead lock case	SSLO 87.102.660	SSLO 87.102.659
Rebate set 13mm for mortice night latch	SSLO 87.299.223	SSLO 87.299.220

# Locks

## Rim Night latches

### Auto deadlocking rim night latch

Available in 40mm and 60mm backsets this lock both deadlocks automatically when the door is shut & has a deadlocking handle facility



	Standard Stile 60mm backset	Narrow Stile 40mm backset
SC/SC	SSLO 92.25193.35	SSLO 92.25183.35
SE/PB	SSLO 92.25194.31	SSLO 92.25184.31
BP/PB	SSLO 92.25193.31	SSLO 92.25183.31

### Deadlocking night latch

Available in 40mm and 60 mm backsets this night latch is dead lockable by a reverse turn of the key in the outside cylinder.



	Standard Stile	Narrow Stile
SE/SC	SSLO 85.423.78	SSLO 85.423.99
BP/PB	SSLO 85.423.85	SSLO 85.424.06

**A full range of Union Yale and ERA night latches available**

# Locks

## Latches

### Domestic duty



SSLO 85.008.82	Tube latch 63mm	NP
SSLO 85.008.79	Tube latch 63mm	EB
SSLO 85.008.96	Tube latch 75mm	NP
SSLO 85.008.89	Tube latch 75mm	EB

### Domestic Duty CE marked

Type tested to BSEN 12209 & included on fire tests to BSEN 1634-1 for use on fire doors. Suitable for use with bolt fix furniture



1	C	5	1	0	F	-	B	0	N	0
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SSLO 24.256.791	Tube latch 75mm	NP
SSLO 24.256.792	Tube latch 75mm	EB

### Heavy sprung

Suitable for use with unsprung bolt fix furniture



SSLO 87.1059.00	Tube latch 63mm	SC/PB
SSLO 87.1013.29	Tube latch 76mm	SC/PB
SSLO 87.1013.32	Tube latch 100mm	SC/PB
SSLO 87.1013.45	Tube latch 128mm	SC/PB

### Tubular bathroom dead bolt



SSLO 87.1013.38	Heavy duty dead bolt 76mm	SC/PB
SSLO 87.1013.41	Heavy duty dead bolt 100mm	SC/PB

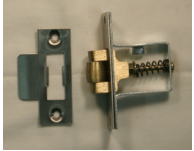
### Rebate set for Tube latches



SSLO 22.623.1	Rebate set 12mm	NP
SSLO 22.623.2	Rebate set 12mm	EB

# Locks

## Adjustable Roller Catches Heavy Duty 32x45mm



SSS	SSLO 14.1680.91	Adjustable roller catch
PB	SSLO 14.1680.90	Adjustable roller catch

## Domestic Duty



NP	SSLO 23.310.1	Adjustable roller catch
EB	SSLO 23.310.2	Adjustable roller catch



## Double ball catches

SSLO 23.110.05	Double ball catch 40mm	Brass
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Larger sizes available

## Magnetic door holder



SSLO 82.340.622	Magnetic door holder	Brown
SSLO 82.340.112	Magnetic door holder	White



## Magnetic catches

SSLO 23.510.05	Magnet 6kg pull	White
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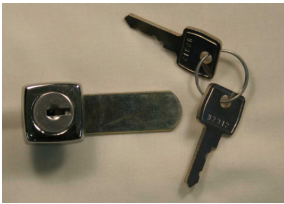
# Locks

## Cupboard locks



Triangular nozzle lock	SSLO 71.2660	Black/CP
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## Cam Locks



We can offer a wide range of cam locks. Please specify purpose, nozzle length, cam length and offset required.

## Push Button Locks



Various sizes and pin lengths are available.  
Please contact us with full details of your requirement

## ZA Locks



Please contact us with full details of your requirement

## Rack bolt and Keys



	EB	White
Rack bolt 40mm	SSLO 71.2800.19	SSLO 71.2800.11
Rack bolt 60mm	SSLO 71.2800.29	SSLO 71.2800.21
Rack bolt key Grey/EB	SSLO 71.2159.3	

## Cylinders

# Locks



## 5 pin cylinders standard differs

### Euro profile cylinders

	40mm PB	40 mm NP	45mm PB	45mm NP
Euro single cylinder	SSCE 85.617.33	SSCE 85.617.40	SSCE 85.617.47	SSCE 85.617.54
	63mm PB	63 mm NP	71mm PB	71mm NP
Euro cylinder & thumb turn	SSCE 85.616.91	SSCE 85.616.98	SSCE 85.617.05	SSCE 85.617.12
Euro double cylinder	SSCE 85.616.56	SSCE 85.616.63	SSCE 85.616.70	SSCE 85.616.77

### Oval profile cylinders

	40mm PB	40 mm NP	45mm PB	45mm NP
Oval single cylinder	SSCO 85.623.63	SSCO 85.623.70	SSCO 85.623.77	SSCO 85.623.84
	63mm PB	63 mm NP	71mm PB	71mm NP
Oval cylinder & thumb turn	SSCO 85.623.28	SSCO 85.623.35	SSCO 85.623.42	SSCO 85.623.21
Oval double cylinder	SSCO 85.624.05	SSCO 85.624.12	SSCO 85.624.19	SSCO 85.624.26

### Rim Cylinders

	PB	NP		
Rim cylinder	SSCR 85.616.28	SSCR 85.616.35		

## 5 pin cylinders keyed alike

### Euro profile cylinders keyed alike

	40mm PB	40 mm NP	45mm PB	45mm NP
Euro single cylinder KA	SSCE 87.100.830	SSCE 87.100.831	SSCE 87.100.832	SSCE 87.100.833
	63mm PB	63 mm NP	71mm PB	71mm NP
Euro cylinder & thumb turn KA	SSCE 87.100.824	SSCE 87.100.825	SSCE 87.100.826	SSCE 87.100.827
Euro double cylinder KA	SSCE 87.100.818	SSCE 87.100.819	SSCE 87.100.820	SSCE 87.100.821

### Oval profile cylinders keyed alike

	40mm PB	40 mm NP	45mm PB	45mm NP
Oval single cylinder KA	SSCO 87.100.842	SSCO 87.100.843	SSCO 87.100.844	SSCO 87.100.845
	63mm PB	63 mm NP	71mm PB	71mm NP
Oval cylinder & thumb turn KA	SSCO 87.100.836	SSCO 87.100.837	SSCO 87.100.838	SSCO 87.100.839
Oval double cylinder KA	SSCO 87.100.848	SSCO 87.100.849	SSCO 87.100.850	SSCO 87.100.851

# Locks

A range of master key systems are available to suit specific project security requirements. Shown below is a patent protected 6 pin system which meets the need of commercial systems where medium level security systems are needed. High level systems are available. We would be pleased to discuss your requirements.

## 6 pin patent protected cylinders under master key

**Europrofile cylinder under master key.** Supplied with 2 keys per differ

	45mm PB	45mm NP
Euro single cylinder UMK	SSCE 87.452.207	SSCE 87.452.187
	71mm PB	71mm NP
Euro cylinder & thumb turn UMK	SSCE 87.430.207	SSCE 87.430.187
Euro double cylinder UMK	SSCE 87.410.207	SSCE 87.410.187

**Oval profile cylinders under master key.** Supplied with 2 keys per differ

	45mm PB	45mm NP
Oval single cylinder UMK	SSCO 87.457.207	SSCO 87.457.187
	71mm PB	71mm NP
Oval cylinder & thumb turn UMK	SSCO 87.437.203	SSCO 87.437.187
Oval double cylinder UMK	SSCO 87.417.207	SSCO 87.417.187

Master keys for 6 pin cylinder	SSCK 87.401.715
Sub-master keys for 6 pin cylinder	SSCK 87.402.315
Additional servant keys for 6 pin cylinder	SSCK 87.402.316

Scandinavian oval cylinders also available.

For other cylinder lengths and offset cylinders please ask for details