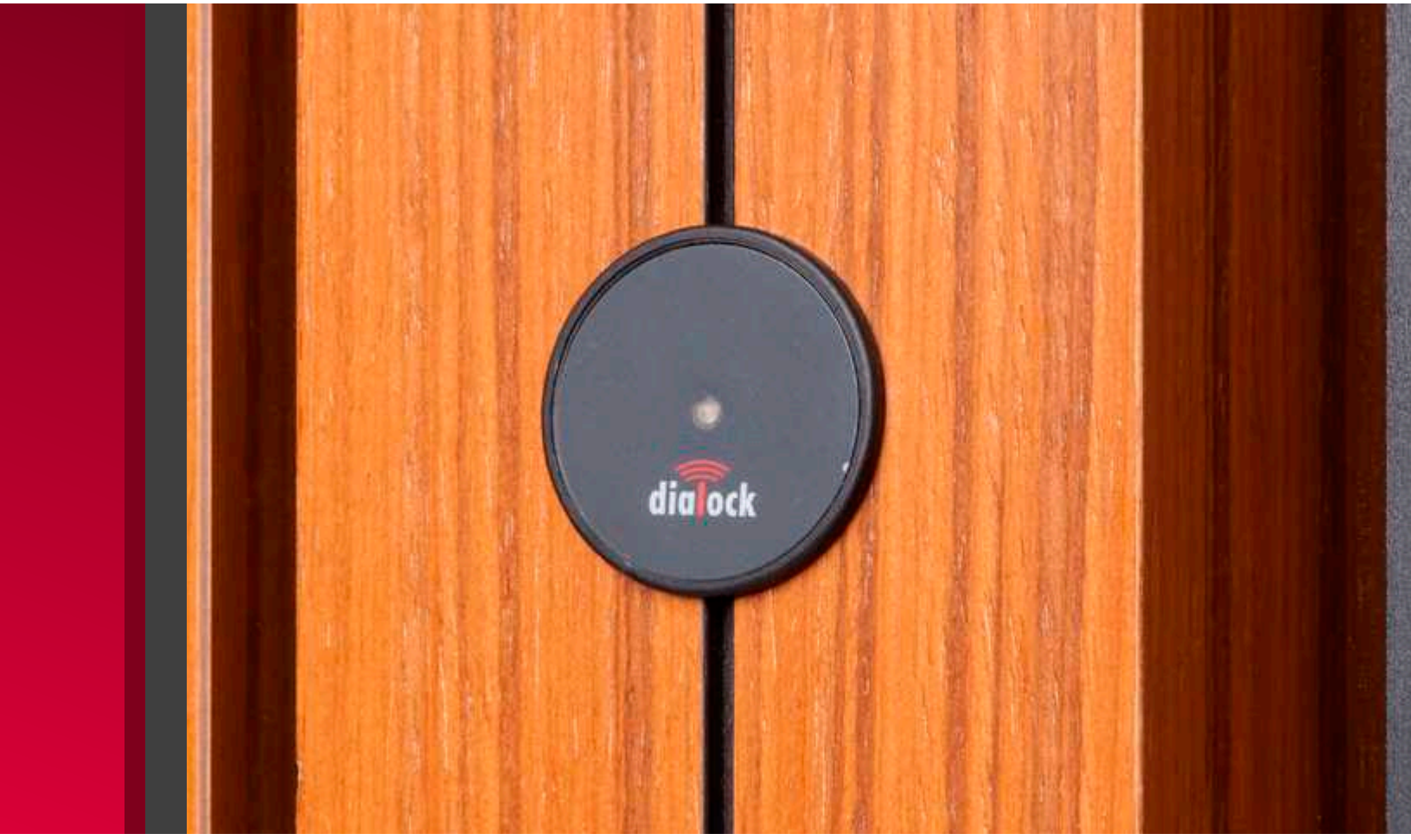
HÄFELE



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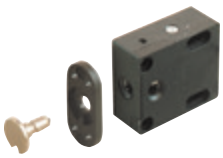

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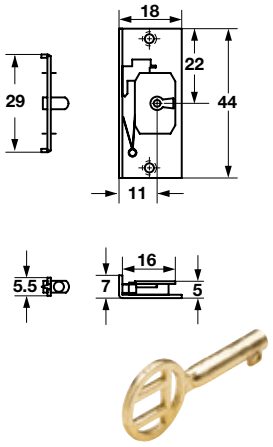
Decorative Skeleton Key Locks

- Small size, ideal for jewelry boxes, etc.
- With screw-mounted locking strike plate



Half Mortise Lock

Flat Head #5

- With Skeleton Key
- Backset 11 mm
- Keyed alike

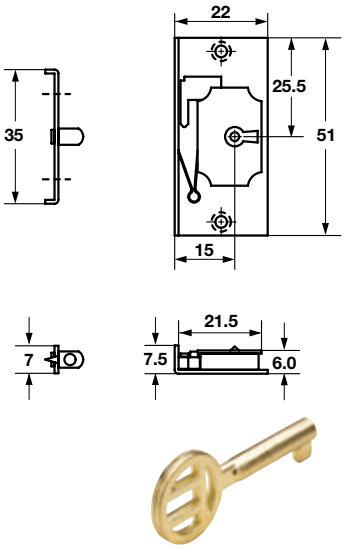
Material: Lock: Brass
Key: Malleable Iron, plated
Strike plate: Brass

Item No.
218.35.129

Supplied With
Skeleton key
Strike plate

Spare Key

Item No.
209.99.610



Half Mortise Lock

Flat Head #5

- With Skeleton Key
- Backset 15 mm
- Keyed alike

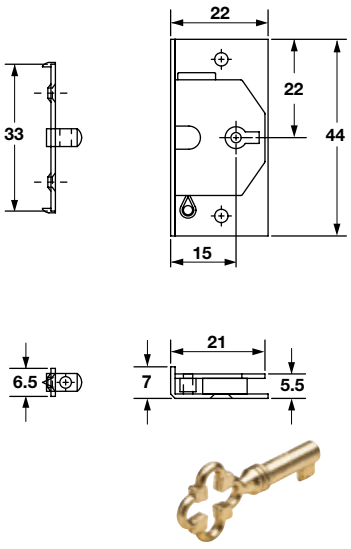
Material: Lock: Brass
Key: Malleable Iron, plated
Strike plate: Brass

Item No.
218.35.156

Supplied With
Skeleton key
Strike plate

Spare Key

Item No.
209.99.620



Half Mortise Lock

Flat Head #5

- With Skeleton Key
- Backset 15 mm
- Keyed alike

Material: Lock: Brass
Key: Malleable Iron, plated
Strike plate: Brass

Item No.
218.36.153

Supplied With
Skeleton key
Strike plate

Spare Key

Item No.
209.99.630

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking Systems

The Concept
Lock Bodies are selected to meet the requirements of the cabinet, the door, drawer or drawers. The cores and keys are selected to meet the requirements for security, key control and costs.

Benefits
If keys are lost, an owner may elect to replace the lock cores without removing the lock bodies. Manufacturing processes and planning can progress without selection of keying requirements.

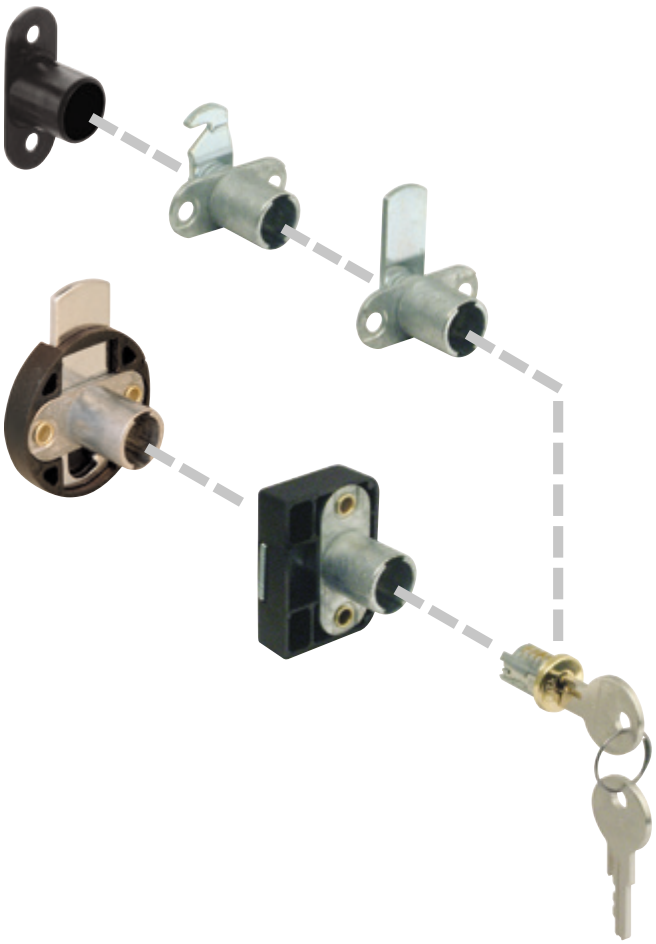
Manufacturers can create locking standards and offer varied levels of security based on keyway, key and core selection.

Manufacturers can fully produce like cabinets to inventory. Keying requirements can be achieved with only the addition of cores and keys, installable at the project site.

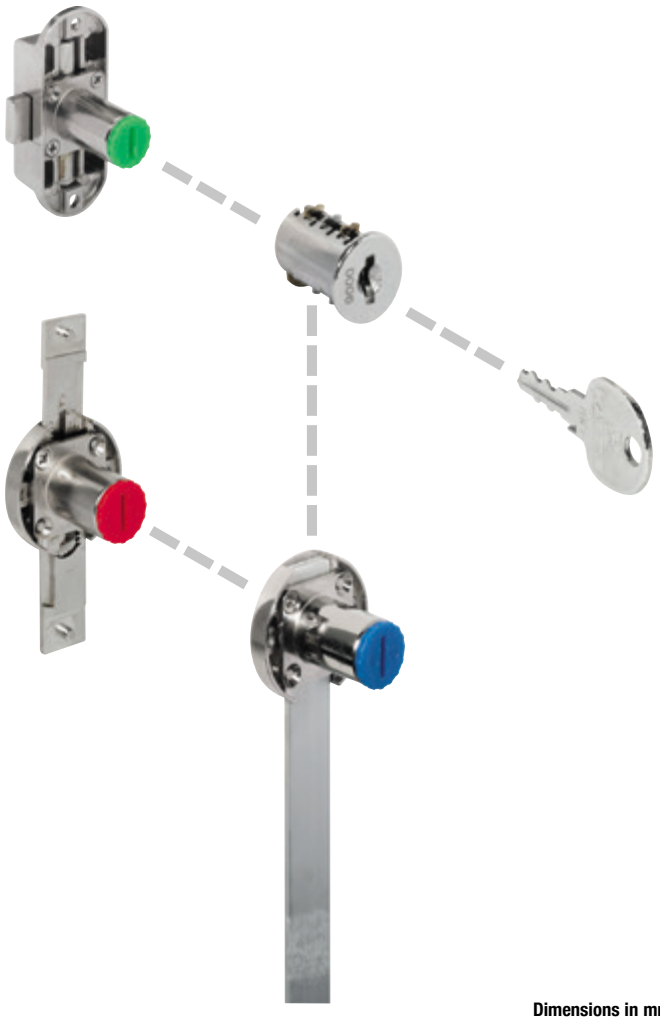
Components
Keys: User Keys
Master Keys
Removal Keys
Cores
Lock Bodies
Accessories

Häfele offers two modular systems:
(Components are not interchangeable)

Timberline
Timberline provides an anti-tip system included in this section



SYMO 3000



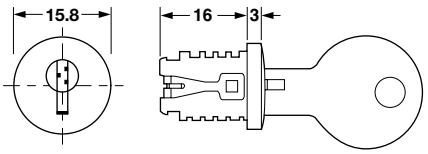
Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

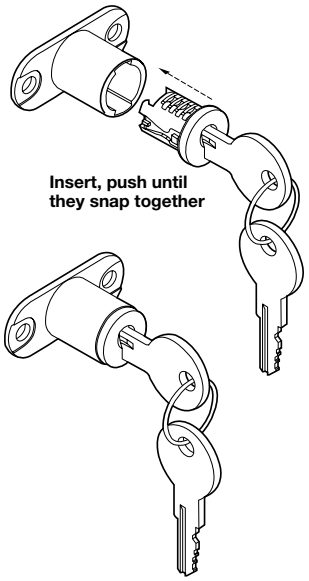
Modular Removable Core Locking System – Timberline

- Separates the lock core from cylinder housing
- Any combination of locking systems can be obtained
- Manufacturer can install fully functional locking systems
- Simplifies the planning and changing of locking systems
- Lock cores can be replaced with the aid of the removal key



Snap-In Lock Core

- Suitable For Any Cylinder Body
- 5 plate levers = 500 possible key changes



Keyed Different

Material: Zinc die-cast, unfinished; Plate levers: Brass; Keys: Brass; Finish: nickel-plated

Lock face:	Nickel Polished	Nickel Matt	Brass Polished	Bronzed Epoxy	Brass Antique	Black Epoxy
Item No.	210.04.606	210.04.710	210.04.803	210.04.106	210.04.102	210.04.302
Timberline No.	LP-100	LP-700	LP-500	LP-400	LP-200	LP-300

Keyed Alike

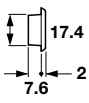
Lock face:	Nickel Polished	Nickel Matt	Brass Polished	Bronzed Epoxy	Brass Antique	Black Epoxy
Keying #'s	Item No.					
100 TA	210.04.615	210.04.720	210.04.812	210.04.115	210.14.111	210.04.311
101 TA	210.04.624	210.04.721	210.04.821	210.04.124	210.14.120	210.04.320
102 TA	210.04.633	210.04.722	210.04.830	210.04.133	210.14.139	210.04.339
103 TA	210.04.642	210.04.723	210.04.849	210.04.142	210.14.148	210.04.348
104 TA	210.04.651	210.04.724	210.04.858	210.04.151	210.14.157	210.04.357
105 TA	210.04.660	210.04.725	210.04.867	210.04.160	210.14.166	210.04.366
106 TA	210.04.679	210.04.726	210.04.876	210.04.179	210.14.175	210.04.375
107 TA	210.04.688	210.04.727	210.04.885	210.04.188	210.14.184	210.04.384
108 TA	210.04.697	210.04.728	210.04.894	210.04.197	210.14.193	210.04.393
109 TA	210.04.704	210.04.729	210.04.901	210.04.204	210.14.200	210.04.400

Supplied With

2 keys

Cylinder Rosette

- For any cylinder body



Material: Steel

Finish/Color	Timberline No.	Item No.
nickel polished	BZ-100	210.04.062
nickel matt	BZ-700	210.04.070
brass polished	BZ-500	210.04.054
bronzed	BZ-400	210.04.017
brass antique	BZ-200	210.04.053
black	BZ-300	210.04.035

Note

Requires Ø19 mm hole for installation with lock cylinder.

Protective Cap

- Keeps interior of cylinder housing free of paint and dirt after lock is installed.

Material: PVC

Color	Timberline No.	Item No.
orange	CC-100	210.02.095

Removal Key

- To remove lock cores

Material: Brass

	Timberline No.	Item No.
	KY-500-TA	210.02.004

Master Key

- Fits all TA lock cores (see table above)

Material: Brass

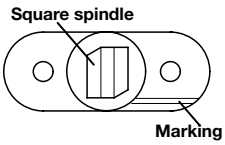
	Timberline No.	Item No.
	KY-101-TA	210.02.059

Replacement Key

- Special order only
- Specify key number at time of order

Material: Brass

	Item No.
	210.TA.005



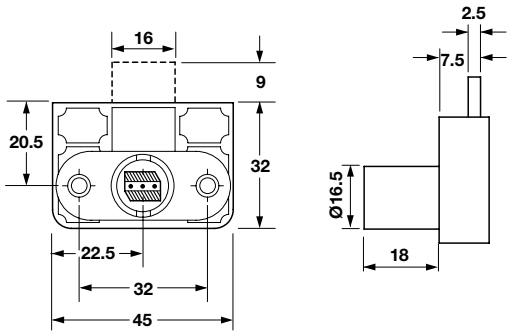
Note

The cylinder housings and lock cores are marked (see diagram below). A series of furniture doors can all be locked with the same direction of turn, if the markings are positioned identically.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline



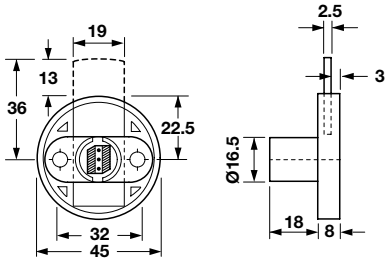
Deadbolt Lock

Pan Head #8

- Throw: 9 mm (3/8")

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	Timberline No.	Item No.
left hand/right hand	CB-290	232.12.302
drawer	CB-280	232.12.311

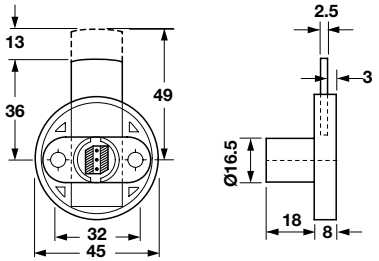


Deadbolt Lock

- Throw: 9 mm (3/8")
- Rotate cylinder core 180° to install)

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	Timberline No.	Item No.
left hand/right hand	CB-240	232.18.304
drawer	CB-230	232.18.313

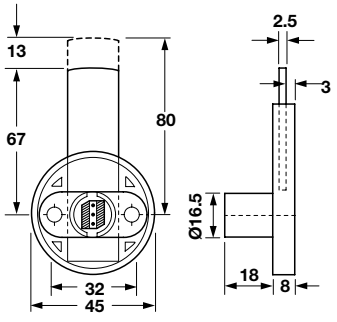


Deadbolt Lock – Extended Bolt

- Bolt starts at 36 mm and extends to 49 mm
- Rotate cylinder core 180° to install

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	Timberline No.	Item No.
left hand/right hand	CB-241	232.18.306
drawer	CB-231	232.18.316



Pan Head #8

Deadbolt Lock – Extended Bolt

- Bolt starts at 67 mm and extends to 80 mm
- Rotate cylinder core 180° to install

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	Timberline No.	Item No.
left hand/right hand	CB-242	232.18.322
drawer	CB-232	232.18.332

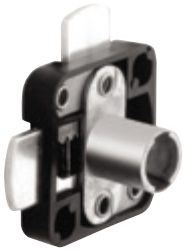
Note
Offset cam eliminates need for strike plates on face frame application where door or drawer overlays face frame. Photos and drawings depict drawer version.

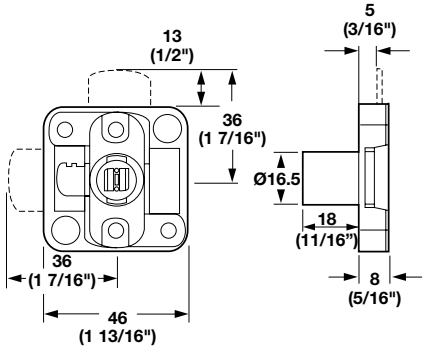
Lock cores	Page 10.6
Cylinder rosettes	Page 10.6

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline



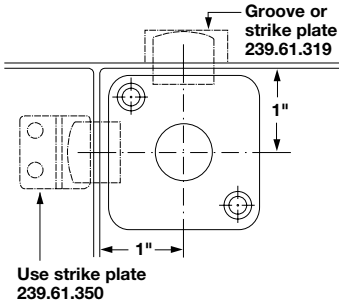


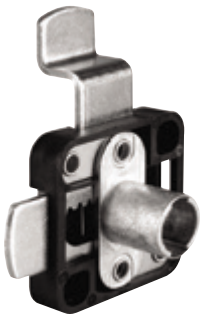
Deadbolt Lock – double doors

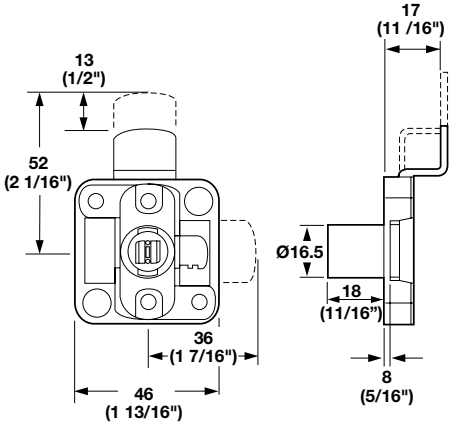
- With straight bolts
- Throw: 13 mm (1/2")
- Locks both doors without the need for lock strips or a spring catch

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast

Mounting	Timberline No.	Item No.
lower left hand or upper right hand	CB-250	232.35.300
lower right hand or upper left hand	CB-255	232.35.301





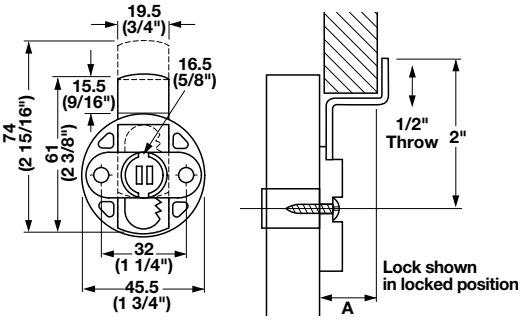


Deadbolt Lock – double doors

- With offset bolt for overlay doors
- Throw: 13 mm (1/2")

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast

Mounting	Timberline No.	Item No.
lower left hand or upper right hand	CB-251	232.35.302
lower right hand or upper left hand	CB-256	232.35.303

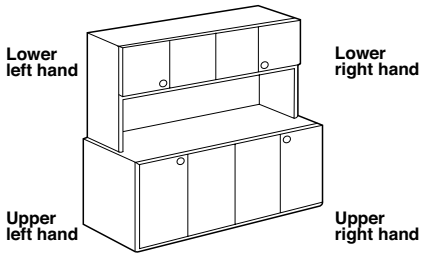


Deadbolt Lock – offset bolt

- For face-frame cabinets
- Throw: 13 mm (1/2")
- Rotate cylinder core 180° to install

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	A	Timberline No.	Item No.
left hand/right hand	15	CB-244	232.18.348
drawer	15	CB-234	232.18.358
left hand/right hand	22	CB-245	232.18.350
drawer	22	CB-235	232.18.360



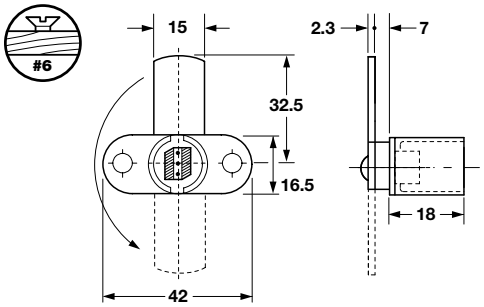
Lock cores	Page 10.6
Angle strike & strike plate	Page 10.21

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline

Horizontal drawer lock with 90° rotation is ideal for 4-sided box construction with drawer front attached. Can be mounted at the top of the drawer front and the 90° throw allows it to fit in a space as small as 7/8" (the 180° rotation will not work because cam will rotate down and hit the drawer box).

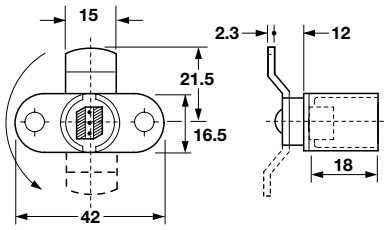


Cam Lock Body

- With straight, extended lever
- Rotation: 180°

Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

Version	Timberline No.	Item No.
horizontal installation drawer	CB-184	235.08.303
vertical installation door	CB-194	235.08.358

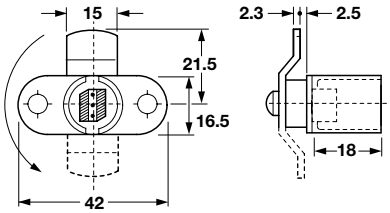


Cam Lock Body

- With outward-cranked lever

Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

Version	Timberline No.	Item No.
horizontal installation drawer, 180°	CB-185	235.08.009
horizontal installation drawer, 90°	CB-085	235.08.018
vertical installation door, 180°	CB-195	235.08.054

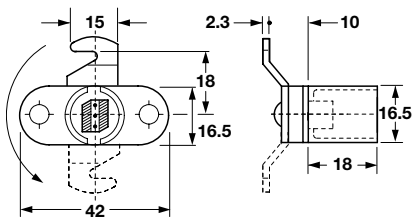


Cam Lock Body

- With inward-cranked lever
- Rotation: 180°

Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

Version	Timberline No.	Item No.
horizontal installation drawer	CB-180	235.08.107
vertical installation door	CB-190	235.08.152

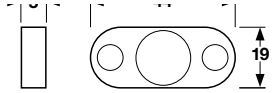


Cam Lock Body

- With outward-cranked, hooked lever
- Rotation: 180°

Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

Version	Timberline No.	Item No.
horizontal installation drawer	CB-181	235.08.205
vertical installation door	CB-191	235.08.250



Cam Lock Spacer

- Spaces locks in 16 mm (5/8") material
- Use with cam locks 235.08. series and front mount central lock 234.85.001 only

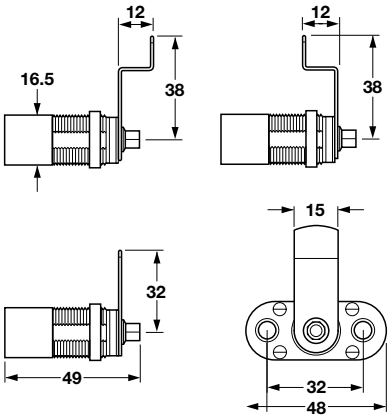
Material: Nylon

Color	Timberline No.	Item No.
black	SP-300	210.02.080

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – Timberline

Horizontal drawer lock with 90° rotation is ideal for 4-sided box construction with drawer front attached. Can be mounted at the top of the drawer front and the 90° throw allows it to fit in a space as small as 7/8" (the 180° rotation will not work because cam will rotate down and hit the drawer box).



Universal Cam Lock Body

- Adjustable from 7/8" (22 mm) – 1 3/8" (35 mm) by turning the mounting flange
- Barrel conveniently marked with lines to facilitate setting depth
- Rotation - 90°

Material: Zinc, unfinished; Cams: Steel; Finish: nickel-plated

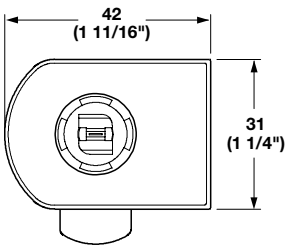
Timberline No.	Item No.
CB-170	235.09.000

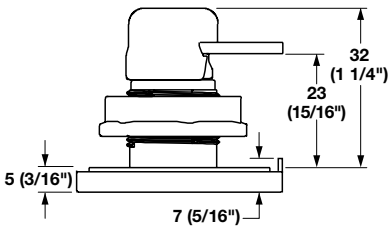
Lock cores Page 10.6

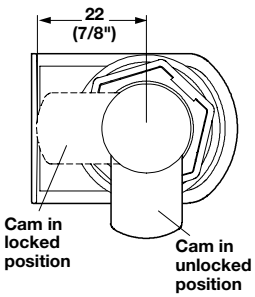
Dimensional data not binding. We reserve the right to alter specifications without notice.

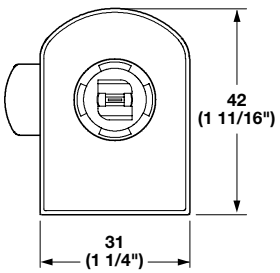
Modular Removable Core Locking System – Timberline

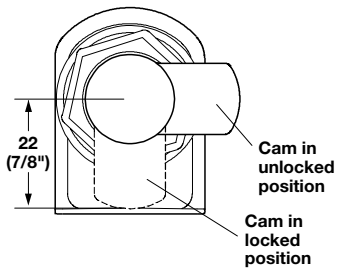
- Small high quality appearance
- Fully cushioned to avoid glass damage
  – Neoprene gasket on front surface
  – Plastic washer on back surface
- Unique retainer nut allows secure tightening by hand
- Two piece design for quick mounting
- Finish cap provides improved appearance

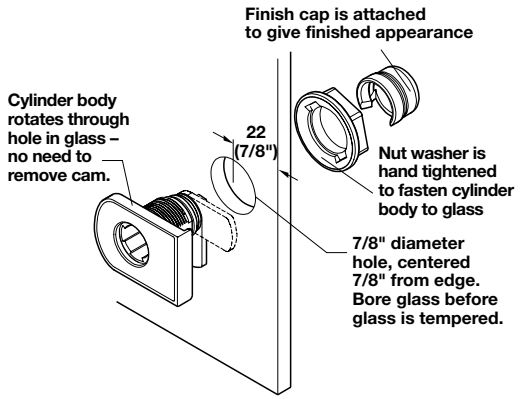










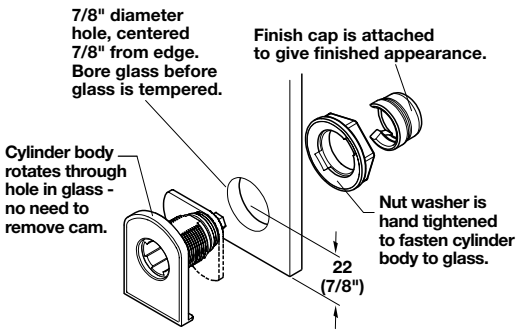


Glass Door Lock – Horizontal Installation

- For glass thickness up to 3/8" thick
- Cam rotation: 90°

Material: Outer body: Nylon; Color: black
Face plate: Brass-plated
Finish cap: Plastic; Color: black
Lever: Steel; Finish: nickel-plated

Finish	Timberline No.	Item No.
nickel matt	CB-307	233.17.630
nickel polished	CB-301	233.17.730



Glass Door Lock – Vertical Installation

- For glass thickness up to 3/8" thick
- Cam rotation: 90°

Material: Outer body: Nylon; Color: black
Face plate: Brass-plated
Finish cap: Plastic; Color: black
Lever: Steel; Finish: nickel-plated

Finish	Timberline No.	Item No.
nickel matt	CB-317	233.17.600
nickel polished	CB-311	233.17.700

Lock cores	Page 10.6
Angle strikes	Page 10.21

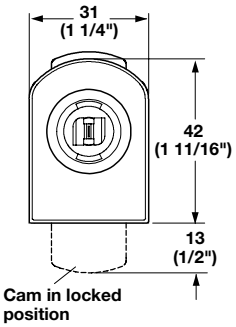
Dimensional data not binding. We reserve the right to alter specifications without notice.

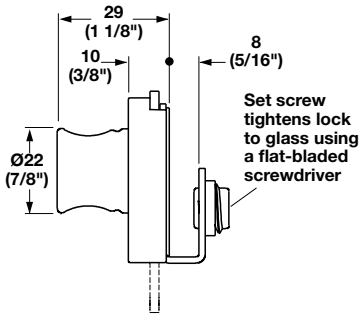
10

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline

- Non-bore glass door locks
- Small high quality appearance
- Integrated knob to open door
- Fully cushioned to avoid glass damage
  – Neoprene gasket on front surface
  – Plastic tightening screw on back surface





Glass Door Lock – Vertical Installation

- For glass thickness up to 5/16" thick

Material: Outer body: Nylon; Color: black
Face plate and cylinder: Brass-plated
Lever: Steel; Finish: nickel-plated

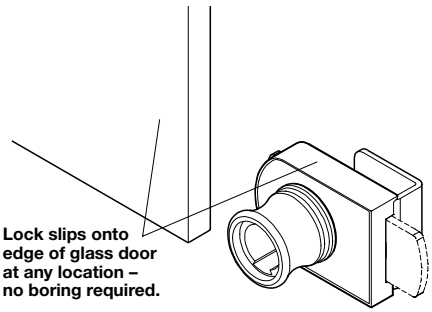
Finish	Timberline No.	Item No.
nickel matt	CB-367	233.18.630
nickel polished	CB-361	233.18.730
brass polished	CB-365	233.18.830

Glass Door Lock – Horizontal Installation

- For glass thickness up to 5/16" thick

Material: Outer body: Nylon; Color: black
Face plate and cylinder: Brass-plated
Lever: Steel; Finish: nickel-plated

Finish	Timberline No.	Item No.
nickel matt	CB-357	233.18.600
nickel polished	CB-351	233.18.700
brass polished	CB-355	233.18.800

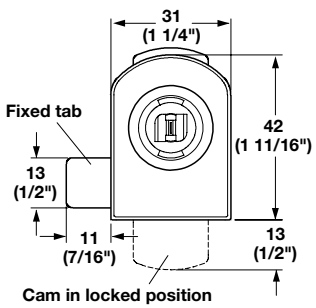


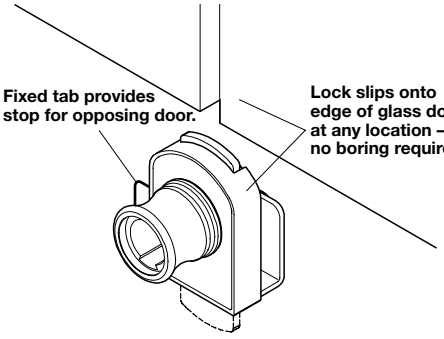
Glass Door Lock – Double Door

- For glass doors up to 5/16" thick

Material: Outer body: Nylon; Color: black
Face plate and cylinder: Brass-plated
Lever: Steel; Finish: nickel-plated

Finish	Timberline No.	Item No.
nickel matt	CB-377	233.18.660
nickel polished	CB-371	233.18.760
brass polished	CB-375	233.18.860





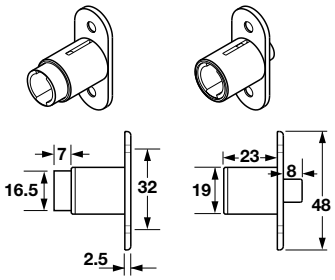
Lock cores Page 10.6
Angle strikes Page 10.21

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – Timberline

The most economical arrangement for locking two drawers simultaneously. Only a single hole needs to be drilled in the desk or cabinet side panel and the lock is then installed vertically. A drawer wedge is then screwed to each drawer side panel. Once the cylinder core has been installed, the lock is ready for use.

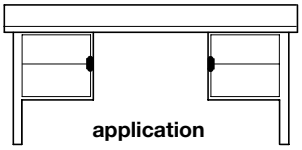


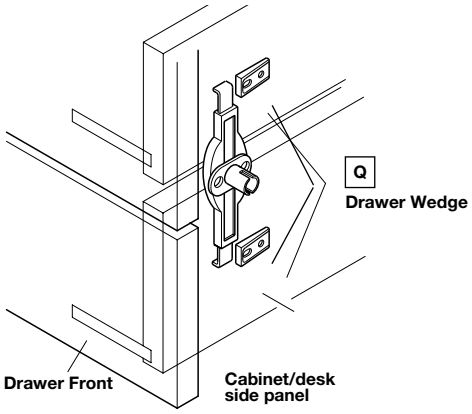
Push-button Lock

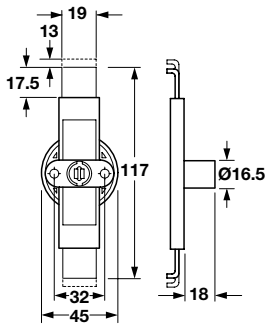
- Compatible with all cores
- Small 3/4" diameter for improved appearance
- Throw: 8 mm (5/16")

Material: Lock case: Nylon
Cylinder housing: Zinc die-cast

Color	Timberline No.	Item No.
black	CB-175	234.65.000







Central Locking System – 2 Drawer

- For two drawers with lockbar
- Throw: 13 mm (1/2")

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bars: Steel; Finish, nickel-plated

Pan Head #8

	Timberline No.	Item No.
	CB-270	234.92.300

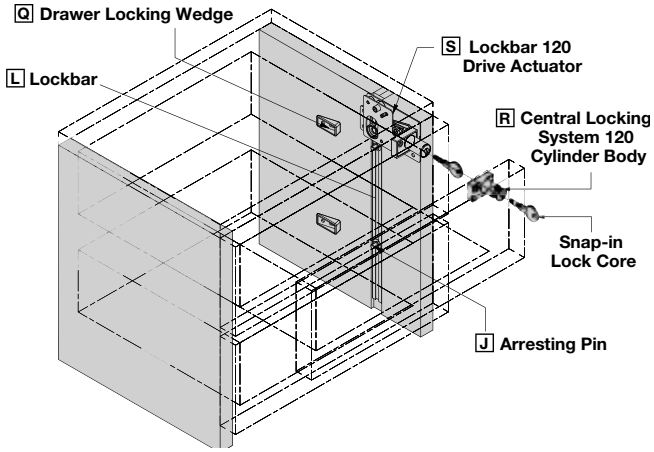
	Lock cores	Page 10.6
	Cylinder rosettes	Page 10.6
Q	Drawer wedges	Page 10.20
	Strike plates	Pages 10.21–10.22

Dimensional data not binding. We reserve the right to alter specifications without notice.

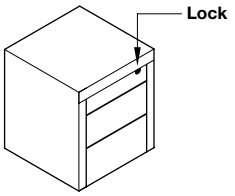
Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline

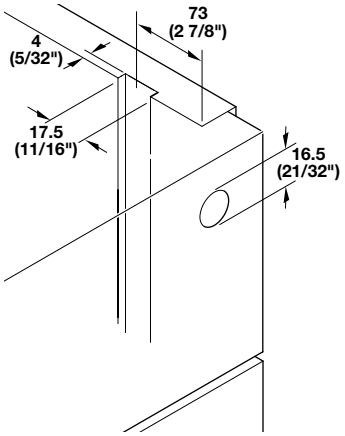
- The choice for fully engineered cabinets
- Allows for simplified mounting and quick adjustment making installation easy
- Adjustment to bar moves fixed pin positions
- Can be installed on the right side of the cabinet only



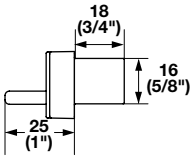
Typical Applications

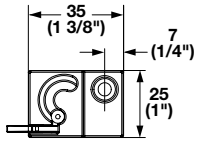


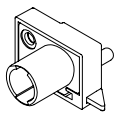
Modular Pedestal with Lock
Mounted in Drawer Front



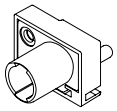
Drilling & routing diagram







Drawer open
Lifting pin locked



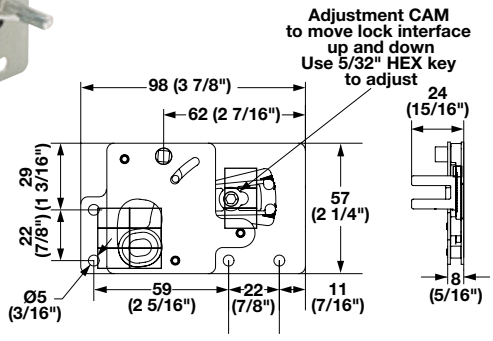
Drawer closed
Lifting pin rotates

R Central Locking System Body

- With small lifting pin
- 180 degree rotation; 12 mm lift
- Small pin design will not interfere with drawer contents
- Sync-Assure feature prevents rotation of lock when drawer is open, ensuring proper pin alignment when drawer is closed
- When drawer is open spring release is enabled, preventing rotation of the cylinder core and locking the lifting pin in place
- When drawer is closed spring release is disabled, allowing rotation of the cylinder core and lifting pin

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast; Finish: zinc

Timberline No.	Item No.
CB-120	237.67.300



S Drive Actuator

- Transmits horizontal rotation of drive shaft to vertical movement of lockbar
- Easy to position on side panel
- Lockbar is held in position when drawer is opened
- Unique adjustment cam design allows for easy movement of lock interface for accurate pin alignment; use a 4 mm (5/32") hex key to adjust

Material: Steel
Cam: Zinc die-cast; Finish: zinc
Linkage arm: Plastic; Color: black

Timberline No.	Item No.
AC-120	237.67.310

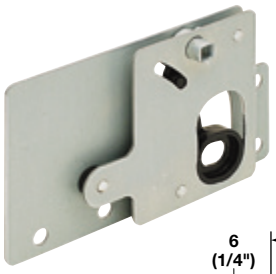
	Lock cores	Page 10.6
L	Lockbar	Page 10.20
J	Locking pins	Page 10.20
Q	Drawer wedges	Page 10.20
K	Bar Retaining brackets	Page 10.20
	Miscellaneous strikes	Pages 10.21–10.22

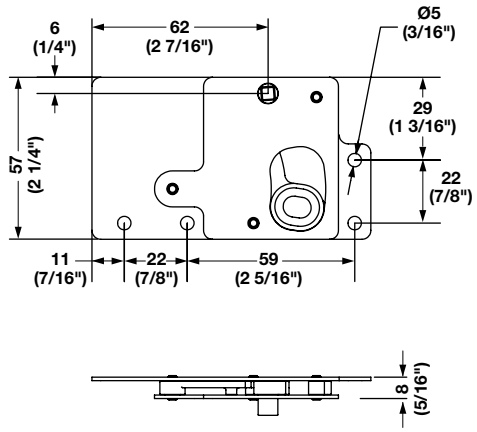
Dimensional data not binding. We reserve the right to alter specifications without notice.

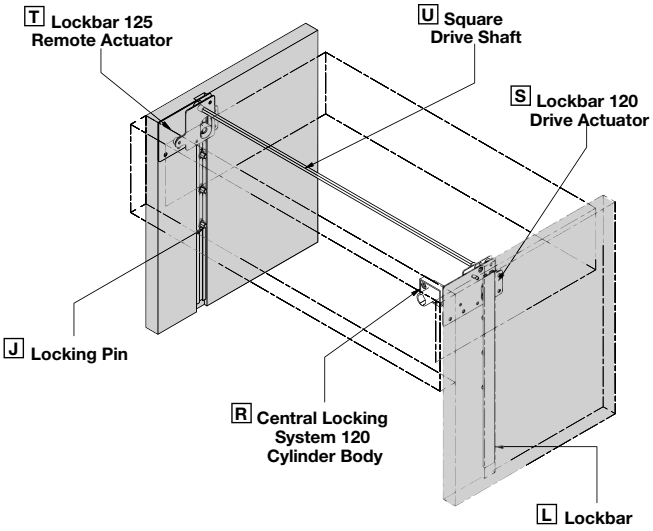
10

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline







T Remote Actuator

- Must be used with drive actuator
- Transmits horizontal rotation of drive shaft to vertical movement of lockbar on opposite side of cabinet

Material: Steel; Finish: zinc
Linkage arm: Plastic; Color: black

Timberline No.	Item No.
AC-125	237.67.320

U Drive Shaft

- Fabricate any size shaft up to 36" by cutting to desired length

Material: Steel

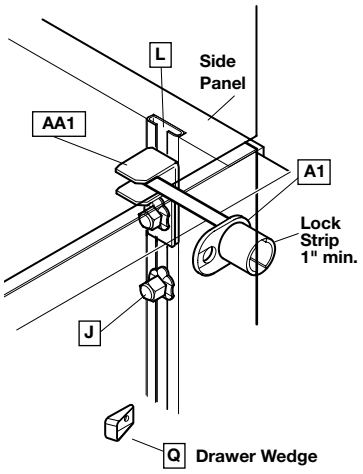
Finish	Timberline No.	Item No.
zinc-plated	SS-360	237.67.900

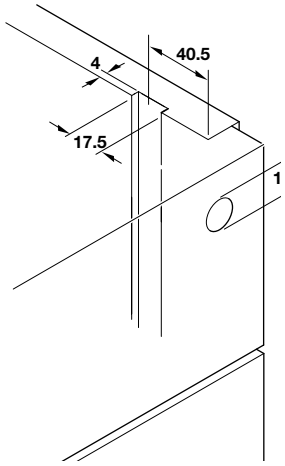
Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

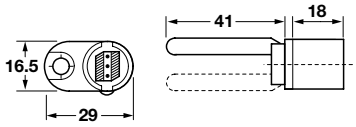
Modular Removable Core Locking System – Timberline

Minimizes interference with hanging files. Permits locking from the front either in a fixed position in a lock strip or in a drawer front, in which case it travels with the drawer. Can be installed on the left or right side of the cabinet as preferred.





Drilling & routing diagram



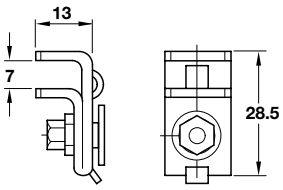
A1 Half Lock Body with Lifting Pin

Flat Head #6

- 180° rotation; 12 mm (1/2") lift

Material: Zinc, die-cast, unfinished

Timberline No.	Item No.
CB-101	234.85.109



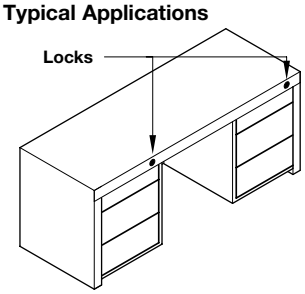
AA1 Lockbar Clip

- To fit lock body A1
- Mounts at any location along lockbar L

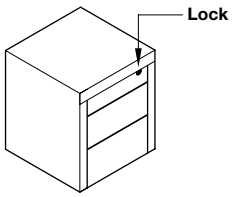
Material: Steel

Finish	Timberline No.	Item No.
zinc-plated	LC-106	234.87.961

Typical Applications



Desk with Lock
Mounted in Fixed Rail (1" min.)



Modular Pedestal with Lock
Mounted in Drawer Front

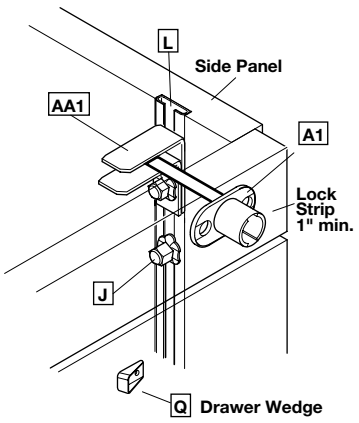
	Lock cores	Page 10.6
L	Lockbar	Page 10.20
J	Locking pins	Page 10.20
Q	Drawer wedges	Page 10.20
K	Bar Retaining brackets	Page 10.20
	Insertion tool	Page 10.20
	Miscellaneous strikes	Pages 10.21–10.122

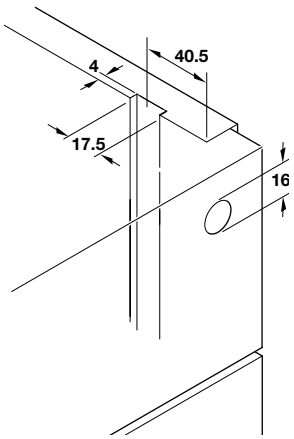
Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

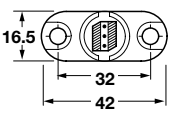
Modular Removable Core Locking System – Timberline

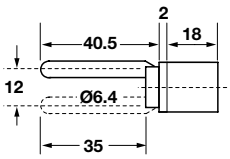
Permits locking from the front either in a fixed position in a lock strip or in a drawer front, in which case it travels with the drawer. Can be installed on the left or right side of the cabinet as preferred.





Drilling & routing diagram



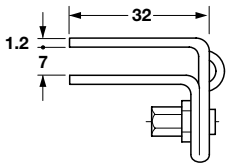


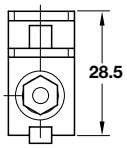
A1 Lock Body with Lifting Pin

- 180° rotation; 12 mm (1/2") lift

Material: Zinc, die-cast, unfinished

Timberline No.	Item No.
CB-100	234.85.001





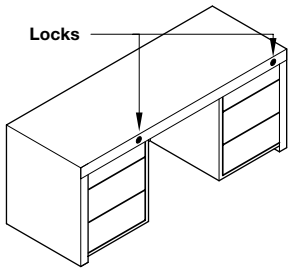
AA1 Lockbar Clip

- To fit lock body A1
- Mounts at any location along lockbar L

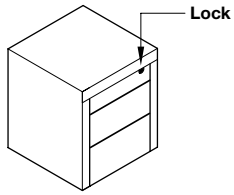
Material: Steel

Finish	Timberline No.	Item No.
zinc-plated	LC-100	234.87.998

Typical Applications



Desk with Lock
Mounted in Fixed Rail (1" min.)



Modular Pedestal with Lock
Mounted in Drawer Front

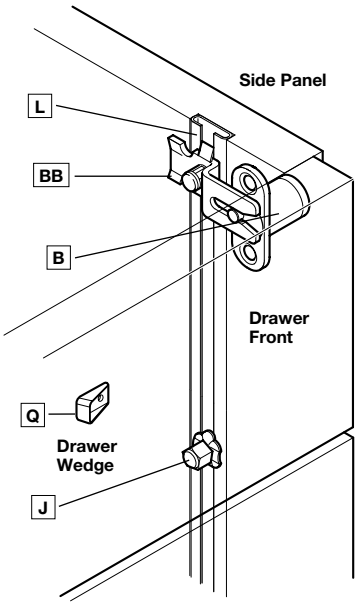
	Lock cores	Page 10.6
L	Lockbar	Page 10.20
J	Locking pins	Page 10.20
Q	Drawer wedges	Page 10.20
K	Bar Retaining brackets	Page 10.20
	Insertion tool	Page 10.20
	Miscellaneous strikes	Pages 10.21–10.22

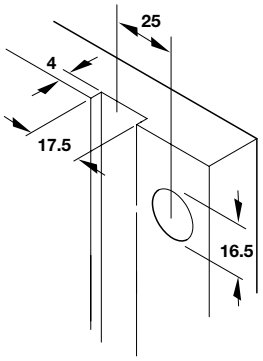
Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

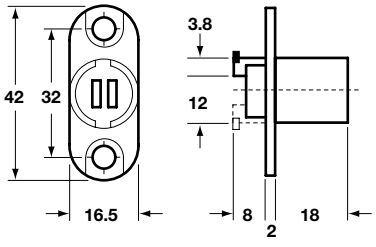
Modular Removable Core Locking System – Timberline

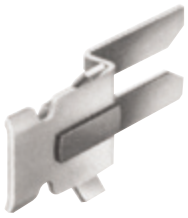
An economical arrangement which allows installation of the lock body in the side panel at any position. Can be installed on the left or right side of cabinet as preferred.

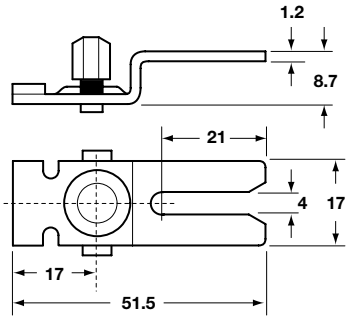




Drilling & routing diagram







B Side Mount Lock Body

Flat Head #6

- With locking lug
- 180° rotation; 12 mm lift

Material: Zinc, die-cast, unfinished

Timberline No.	Item No.
CB-150	234.86.017

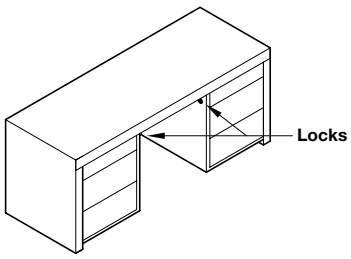
BB Lockbar Clip

- To fit lockbar clip to lockbar L

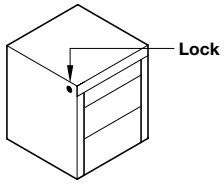
Material: Steel

Timberline No.	Item No.
LC-150	234.86.900

Typical Applications



Desk with Lock
Mounted in Kneespace Panel



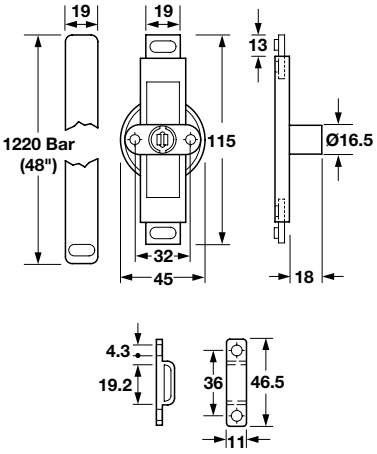
Mobile Pedestal with Lock
Mounted in Side Panel

	Lock cores	Page 10.6
L	Lockbar	Page 10.20
J	Locking pins	Page 10.20
Q	Drawer wedges	Page 10.20
K	Bar Retaining brackets	Page 10.20
	Insertion tool	Page 10.20
	Miscellaneous strikes	Pages 10.21–10.22

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – Timberline



Wardrobe/Overhead Storage Lock

- Throw: 13 mm (1/2")

Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bars: Steel; Color: black powder-coated
Bar retainers: Nylon; Color: black

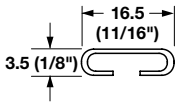
Installation	Timberline No.	Item No.
horizontal	BK-0002	223.63.300
vertical	BK-0001	223.63.355

Supplied With
Lock body
2 bars
6 bar retainers

Drawer wedges	Page 10.20
Strike plates	Page 10.21–10.22
Lock cores	Page 10.6
Cylinder rosettes	Page 10.6

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – Timberline

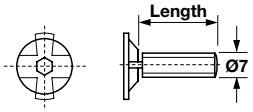


L Lockbar

- For use with any central locking assembly from the cylinder module system
- Lockbar groove is 11/16" wide x 5/32" deep

Material: Steel; Finish: zinc-plated

Length	Timberline No.	Item No.
457 (18")	LB-120	234.87.818
609 (24")	LB-240	234.87.827
915 (36")	LB-360	234.87.836
1220 (48")	LB-480	234.87.845

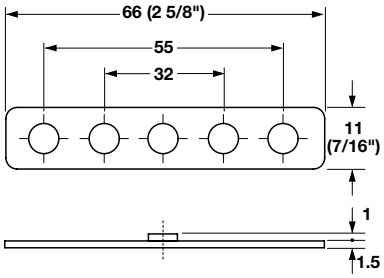


J Arresting Pins

- Hexagonal section, for installation in lockbar L, using combination tool, at any desired position

Material: Steel; Finish: nickel-plated
Wing screw and lock washer: Steel

Length	Timberline No.	Item No.
9.5 (3/8")	AP-037	237.22.714
13 (1/2")	AP-050	237.22.723
16 (5/8")	AP-062	237.22.732
19 (3/4")	AP-075	237.22.741
22 (7/8")	AP-087	237.22.750
25 (1")	AP-100	237.22.769
32 (1 1/4")	AP-125	237.22.778
38 (1 1/2")	AP-150	237.22.787
51 (2")	AP-300	237.22.796



K Bar Retaining Bracket

- With guide lug

Material: Steel

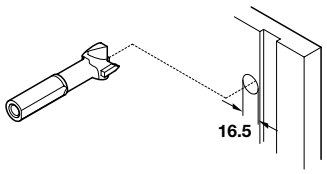
Finish	Timberline No.	Item No.
zinc-plated	LR-100	234.87.989

Special-purpose Drill Bit – Ø 16.5 mm

- Suitable for any cylinder housing in the system
- Can also be used in clockwise multi-spindle drilling machines with 10 mm chuck

Material: Shank: Steel
Bit: Carbide-tipped

	Item No.
	001.24.194

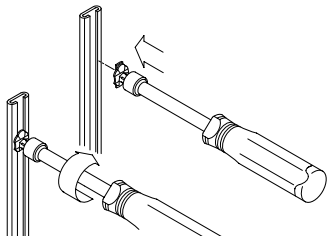


Insertion Tool

- To install arresting pins J in lockbar L

Material: Hardened Steel; Finish: nickel-plated
Handle: Plastic; Color: green/black

	Item No.
	008.26.120

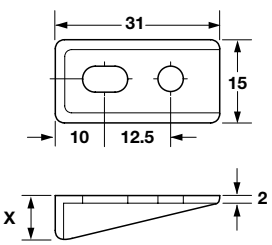


Q Drawer Locking Wedges

- Different wedge heights allow for a standard 9.5 mm arresting pin to be used with thicker drawer slides

Material: Plastic; Color: black

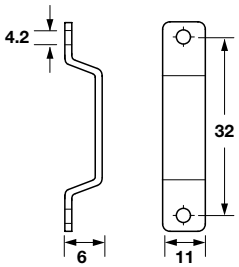
Dim. X	Application	Timberline No.	Item No.
11 (7/16")	1/2" thick slides	DC-500	234.91.090
17 (11/16")	3/4" thick slides	DC-502	234.91.092
20 (13/16")	7/8" thick slides	DC-510	234.91.094



Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – Timberline

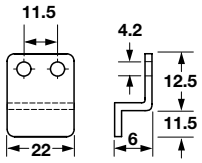


Strike Plate

- Screw-mounted, belt loop type

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-250-3	239.61.337
nickel-plated	SP-250-1	239.61.730

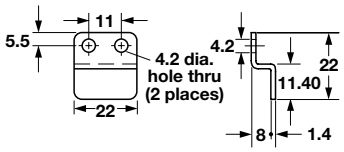


Strike Plate

- Screw-mounted

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-255-3	239.61.328
nickel-plated	SP-255-1	239.61.720

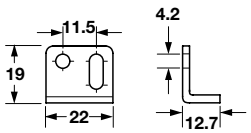


Strike Plate

- For behind door

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-257-3	239.61.350
nickel-plated	SP-257-1	239.61.750

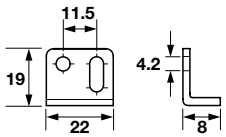


Angle Strike

- 90° angle, screw-mounted

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-101-3	239.61.311
nickel-plated	SP-101-1	239.61.711

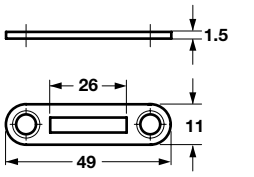


Angle Strike

- 90° angle, screw-mounted

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-100-3	239.61.319
nickel-plated	SP-100-1	239.61.710

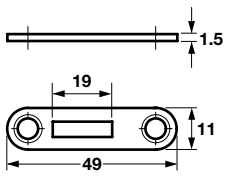


Strike Plate

- For lever lock cylinders

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-185-3	239.08.303
nickel-plated	SP-185-1	239.08.704



Strike Plate

- With offset slot, for hook lever lock cylinder

Material: Steel

Color/Finish	Timberline No.	Item No.
black	SP-181-3	239.08.320
nickel-plated	SP-181-1	239.08.724

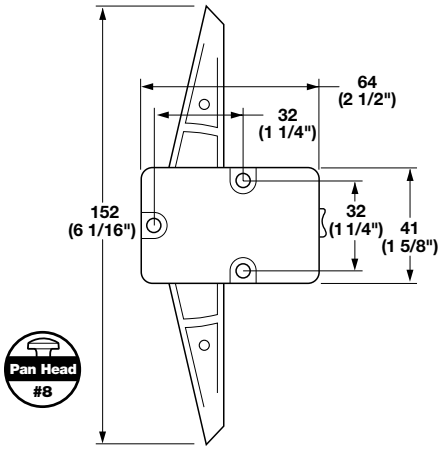
Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Anti-Tip System

- Meets or exceeds ANSI/BFIMA requirements
- Only one drawer can be opened at a time

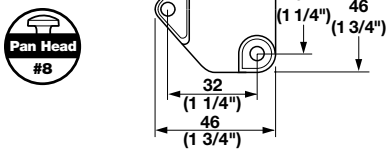


Anti-Tip Snapper

- Mounts to side of cabinet
- 1 required for 2 drawers

Material: Zinc, die-cast; unfinished

Color	Timberline No.	Item No.
black	SN-400	237.43.310

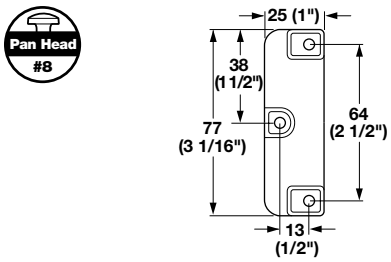


Drawer Clips – Standard

- Mounts to side of drawers
- 2 required per snapper

Material: Plastic

Color	Timberline No.	Item No.
black	DC-400	237.43.320

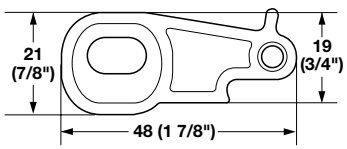


Drawer Clips – Narrow

- Mounts to side of drawers
- For use when there is less space between drawer slides
- 2 required per snapper

Material: Plastic

Color	Timberline No.	Item No.
black	DC-410	237.43.322



Linkage Arm

- 2 pcs. required for 4 drawers

Material: Plastic

Color	Timberline No.	Item No.
black	SN-410	237.43.330

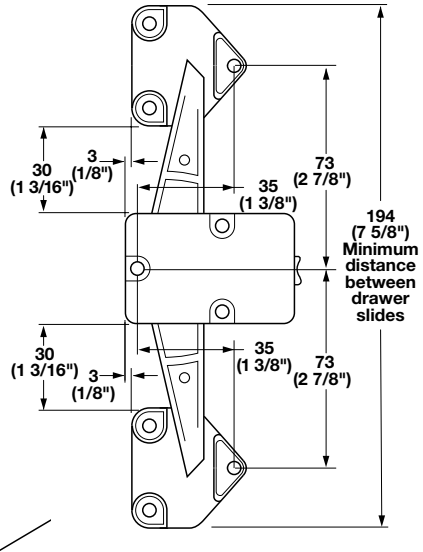
10

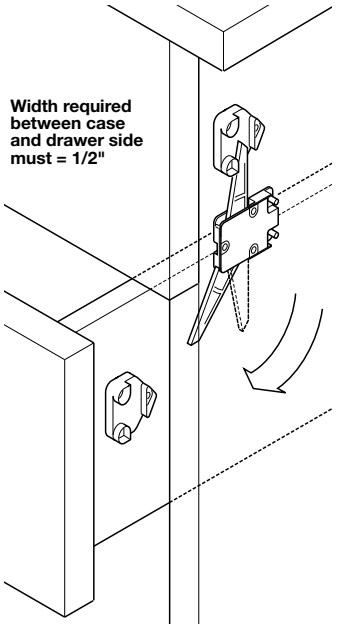
Dimensions in mm
Inches are approximate

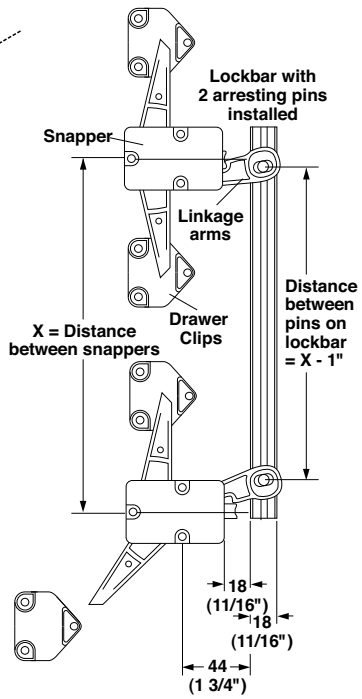
Dimensional data not binding. We reserve the right to alter specifications without notice.

Anti-Tip System

Recommended position:
1. Left-hand side of case
2. 3"–5" from front of case







Components required:

For 2 drawer applications:

- 1 anti-tip snapper
- 2 drawer clips

For 3 drawer applications:

- Simply "lock" one of the arms on anti-tip snapper to cabinet side panel using a screw through hole in arm

For 4 drawer applications:

- 2 anti-tip snappers
- 4 drawer clips
- 2 linkage arms
- Lockbar and 2 arresting pins

Dimensional data not binding. We reserve the right to alter specifications without notice.

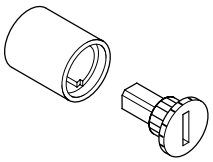
Lockbar and arresting pins Page 10.20

Modular Removable Core Locking System – SYMO 3000

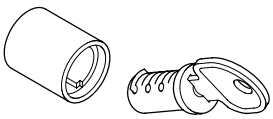
Removable core cylinders mounted without tools

- Tools are not required for inserting and removing the cylinder cores, which can also be done at any time after the locks have been installed.
- The cylinder core can only be inserted or taken out when the lock is in an unlocked position.
- Do not treat the cylinder cores with graphite.

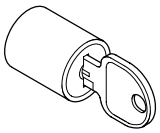
Mounting plate cylinder removable cores
Inserting the cylinder core



Remove the protective cap from the cylinder housing

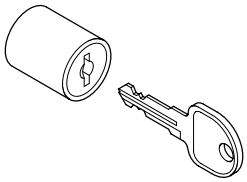


Push the cylinder core with the inserted key into the cylinder housing

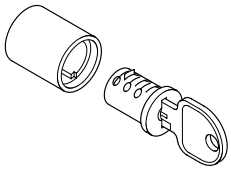


Engage the cylinder core with slight pressure

Removing the cylinder core

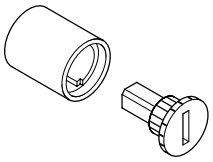


Insert the removal key into the cylinder core

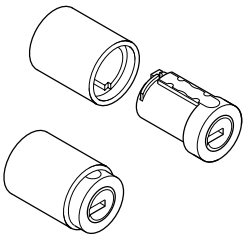


Take the cylinder core out of the cylinder housing using the removal key

Mounting pin-tumbler cylinder removable cores
Inserting the cylinder core

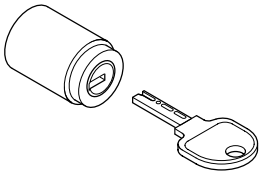


Remove the protective cap from the cylinder housing

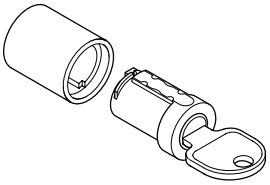


Insert the cylinder core into the cylinder housing and engage it with slight pressure

Removing the cylinder core



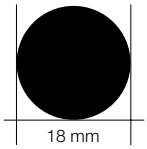
Insert the removal key into the cylinder core

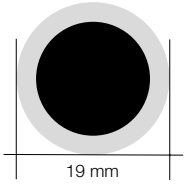


Take the cylinder core out of the cylinder housing using the removal key and applying slight counterpressure

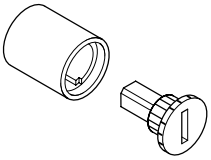
Identical drilling dimensions for all lock versions

The uniform cylinder housing diameter of 18 mm (19 mm including rosette) allows a uniform drilling size for all locks within the locking system.





One protective cap, several functions



The protective caps of the SYMO 3000 locks shield the interior of the cylinder housing from dirt or damage during construction phase. Due to their design, they also function as building site keys and allow lock operation with a coin or screwdriver. After construction is completed, the protective caps can be removed easily without tools and replaced by the desired cylinder cores.

10

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – SYMO 3000

Lock Cores and Keys

- For all lock bodies within the SYMO 3000 system
- Locking direction: left and right

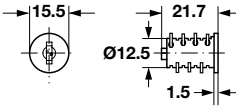


Plate-Cylinder Removable Core

- Locking system: with 6 plate levers
- Key changes: 3000 different key changes are possible
- Key type: cut key
- Master key not available

Material: Housing: Zinc die-cast
Lever plate: Brass

Finish	Item No.
nickel-plated	210.40.600

Keyed Alike

Key Change	Item No.
SH 1	210.40.601
SH 2	210.40.602
SH 3	210.40.603
SH 4	210.40.604
SH 5	210.40.605
SH 6	210.40.606
SH 7	210.40.607
SH 8	210.40.608
SH 9	210.40.609
SH 10	210.40.610

Supplied With
2 keys

Master Key

- For Plate-Cylinders/cut key
- For key changes: SH 0001-0200

Material: Steel

Finish	Item No.
nickel-plated	210.11.001

Key Blank

- For Plate-Cylinders/cut key
- For duplicate keys or additional keys
- Not suitable for removal keys or master keys

Material: Steel

Finish	Item No.
nickel-plated	210.11.080

Removal Key

- For Plate-Cylinders/cut key

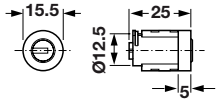
Material: Steel

Finish	Item No.
nickel-plated	210.11.090

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – SYMO 3000



STW Pin-Tumbler Cylinder Removable Core

- Locking system: with 6 pairs of pins
- Key changes: 20,000 different key changes are possible
- Key type: dimple key

Material: Housing: Zinc die-cast

Finish	Item No.
nickel-plated	210.45.600

Supplied With
1 key

Note
Master keying and General Master key systems available upon request. Verify production time.

Keyed Alike

Key Change	Item No.
001 A	210.45.601
002 A	210.45.602
003 A	210.45.603
004 A	210.45.604
005 A	210.45.605

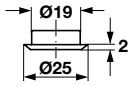
Supplied With
1 key

Removal Key

- For Pin Tumbler Cylinders/dimple key

Material: Steel

Finish	Item No.
nickel-plated	210.45.090

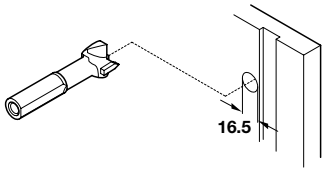


Cylinder Rosette

- 19 mm (3/4") hole required
- Press-fit

Material: Steel

Finish	Item No.
nickel-plated matt	219.19.676



Special Drill Bit

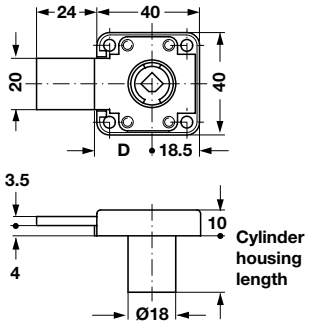
- Ø18 mm is suitable for any cylinder housing in the SYMO system
- Ø19 mm is suitable for rosette application

Material: Shank: Steel
Bit: Carbide-tipped

	Item No.
Ø18	001.06.365
Ø19	001.08.014

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – SYMO 3000
Deadbolt Locks



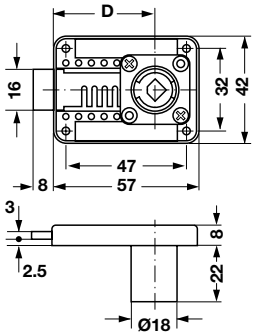
Flat Head #6

Deadbolt Rim Lock

- Long bolt travel
- For cylinder cores that are inserted from the front on-site
- Backset D: 23 mm (29/32")
- Bolt travel: 24 mm (15/16")
- Screw-mount

Material: Zinc, die-cast; Finish: nickel-plated

Handing	Cylinder housing length	Item No.
left hand	22 (7/8")	232.25.610
right hand	22 (7/8")	232.25.600
drawer version	22 (7/8")	232.25.620
drawer version	32 (1 1/4")	232.25.680



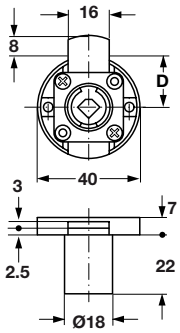
Flat Head #6

Deadbolt Rim Lock

- With adjustable backset
- For cylinder cores that are inserted from the front on-site
- Backset D: 15 – 40 mm (5/8" – 1 9/16") (adjustable in steps of 5 mm)
- Handing convertible to left or right
- Screw-mount

Material: Zinc, die-cast

Finish	Item No.
nickel-plated	232.26.690

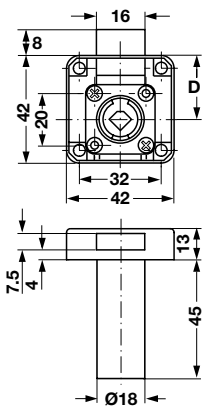


Deadbolt Lock

- For cylinder cores that are inserted from the front on-site
- Backset D: 20 mm (25/32")
- Handing: drawer version
- Screw-mount

Material: Zinc, die-cast

Finish	Item No.
nickel-plated	230.28.620



Flat Head #6

Deadbolt Rim Lock

- For cylinder cores that are inserted from the front on-site
- Backset D: 25 mm (1")
- Cylinder housing length: 45 mm (1 3/4")
- Screw-mount

Material: Zinc, die-cast; Finish: nickel-plated

Handing	Item No.
left hand	232.26.612
right hand	232.26.602
drawer version	232.26.622

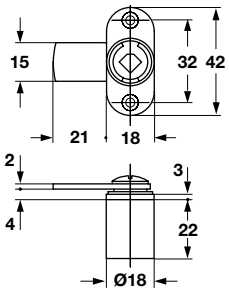
Dimensional data not binding. We reserve the right to alter specifications without notice.

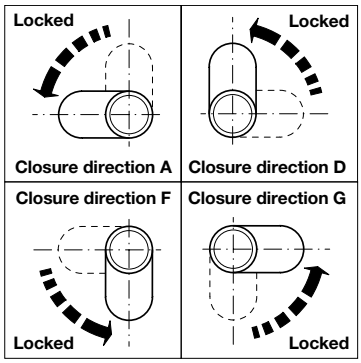
Lock cores Page 10.26

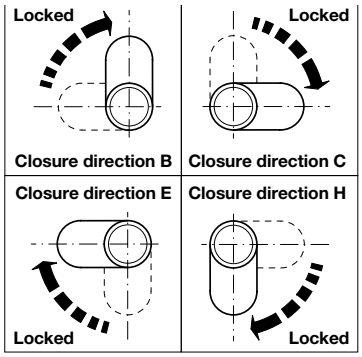
10

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – SYMO 3000
Cam Locks







Cam Lock

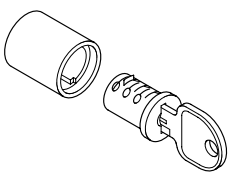
- With mounting plate, screw-mount
- For cylinder cores that are inserted from the front on-site
- Straight cam
- For door thickness: max. 22 mm (7/8")

Material: Zinc, die-cast; Finish: nickel-plated

Closure direction	Item No.
A (D, F, G)	235.59.600
B (C, E, H)	235.59.610

Supplied With
Locking cam
Mounting screw
Pre-mounted washer

Flat Head #5



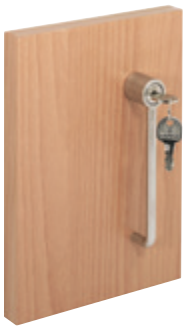
Lock cores Page 10.26

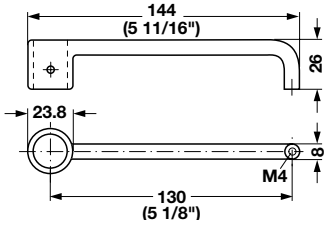
Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – SYMO 3000
Specialty Locks



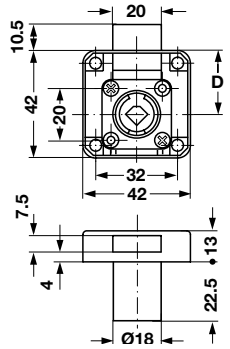


Lock Handle

- Screw-mount (to cylinder housing with 2 mm hex screw (included)
- Handle end to door with M4 screw (not included)

Material: Zinc, die-cast

Finish	Item No.
nickel-plated	232.26.699



Flat Head #6

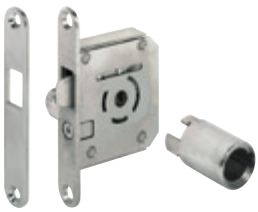
Roller Shutter Rim Lock

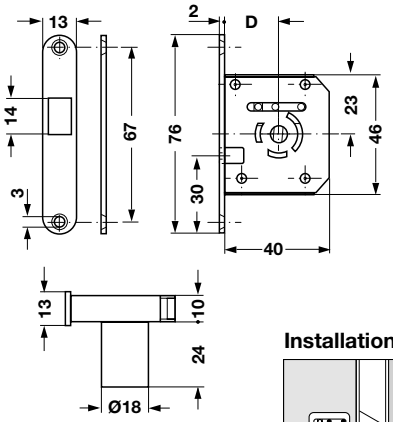
- For cylinder cores that are inserted from the front on-site
- Backset D: 25 mm (1")
- Handing: drawer version
- Screw-mount

Material: Zinc, die-cast

Finish	Item No.
nickel-plated	232.30.620

Supplied With
Strike plate





Hook Bolt Mortise Lock

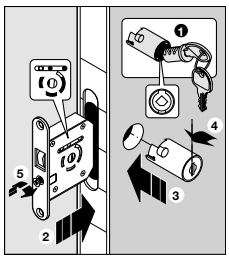
- For cylinder cores that are inserted from the front on-site
- Backset D: 22.5 mm (29/32")
- Handing: right
- Recess mount and screw-mount

Material: Zinc, die-cast

Finish	Item No.
nickel-plated	230.36.600

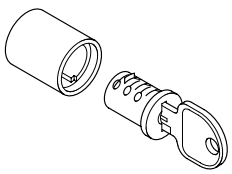
Supplied With
Strike plate

Installation



1. Insert the cylinder core
2. Insert the lock case into the door
3. Insert the cylinder housing through the drill hole
4. Turn the cylinder housing slightly to the left (bayonet catch)
5. Screw in the safety screw

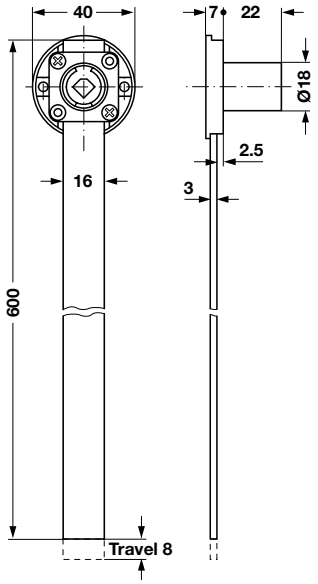
The cylinder housing is now firmly fixed to the lock case.

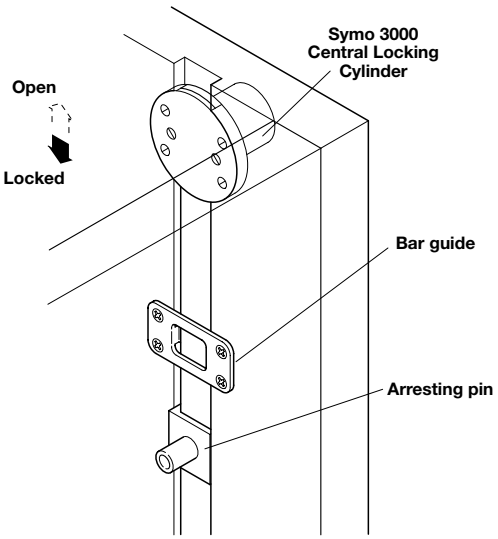


Lock cores Page 10.26

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – SYMO 3000
Gang Locks – Side Mount





Flat Head #5

Central Locking Cylinder

- With bar
- For cylinder cores that are inserted from the front on-site
- Closure direction: 180°
- Bar length: 600 mm (23 5/8")
- Travel: 8 mm (5/16")
- Screw-mount

Material: Cylinder: Zinc die-cast; Bar: Aluminum

Finish	Item No.
nickel-plated	237.48.600

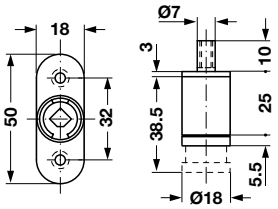
Accessories Page 10.50–10.51

Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Modular Removable Core Locking System – SYMO 3000
Gang Locks – Front Mount

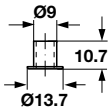


Central Locking Cylinder

- For cylinder cores that are inserted from the front on-site
- Closure direction: 180°
- With internal M5 thread in locking pin for use with central locking accessories
- Screw-mount

Material: Zinc die-cast

Finish/Color	Item No.
nickel-plated	234.65.600
black	234.65.300



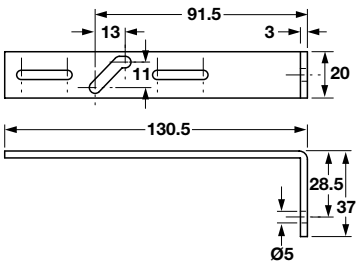
Locking Sleeve

- For SYMO 3000 Push-Button Cylinder
- Accommodates the locking pin
- Mounts in drilled hole

Material: Brass

Finish	Item No.
nickel-plated	234.59.994

Central Locking Accessories

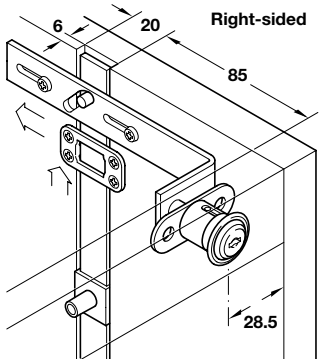


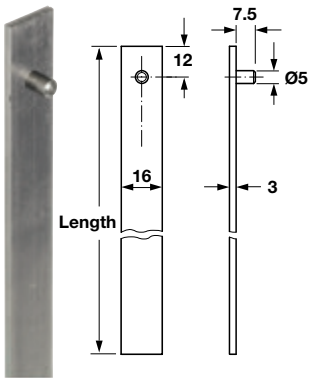
Connecting Bar

- With M5 mounting screw
- For right-sided installation only

Material: Steel, unfinished

	Item No.
	237.11.202





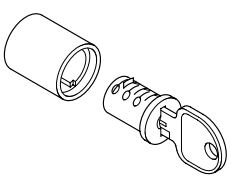
Lockbar

- Can be cut to length

Length: 1000 mm (39 3/8')

Material: Steel, unfinished

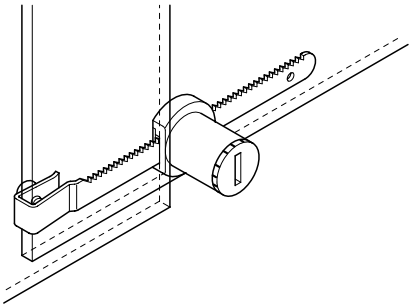
	Item No.
	237.21.315

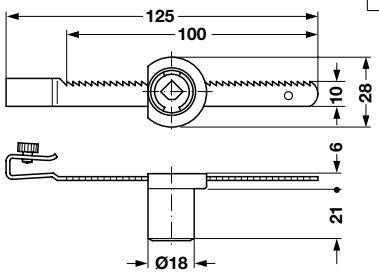


Lock cores	Page 10.26
Accessories	Page 10.50–10.51

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – SYMO 3000
Glass



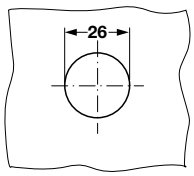


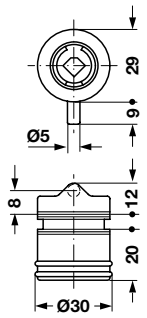
Glass Door Lock

- For sliding doors
- For cylinder cores that are inserted from the front on-site
- For glass door thickness 4 – 7 mm (5/32" – 9/32")
- Installation: Rack to clip on, cylinder to slide onto rack

Material: Housing: Zinc die-cast
Rack: Stainless steel

Finish	Item No.
nickel-plated matt	233.44.600





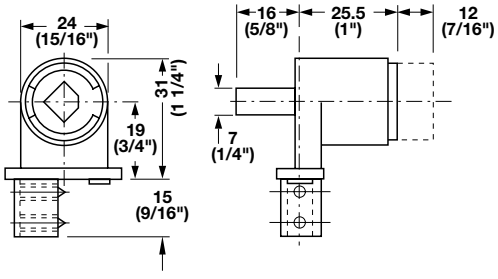
Glass Door Lock

- For hinged doors
- For cylinder cores that are inserted from the front on-site
- For glass door thickness: 4 – 6 mm (5/32" – 1/4")
- Screw-mount with back plate

Material: Zinc die-cast

Finish	Item No.
nickel-plated polished	233.43.700
nickel-plated matt	233.43.600

(Right hand lock shown)



Flat Head
#6

Glass Door Lock

Material: Housing: Zinc alloy; Finish: nickel-plated

For glass thickness: 4 – 6 mm (5/32" – 1/4")

Handing	Item No.
left	233.55.600
right	233.55.601

For glass thickness: 6 – 8 mm (1/4" – 5/16")

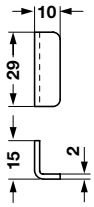
Handing	Item No.
left	233.55.610
right	233.55.611

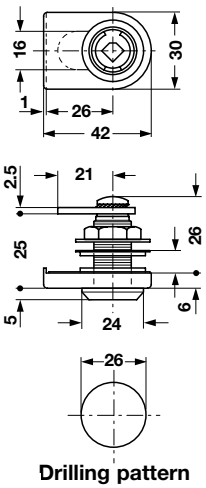
Note
Lock cores are required

Lock cores Page 10.26

Dimensional data not binding. We reserve the right to alter specifications without notice.

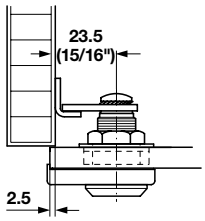
Modular Removable Core Locking System – SYMO 3000
Glass Door Locks



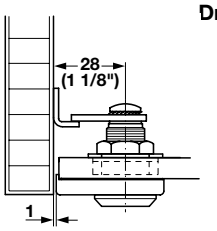


Drilling pattern

Installation



Overlay mounting



Inset mounting

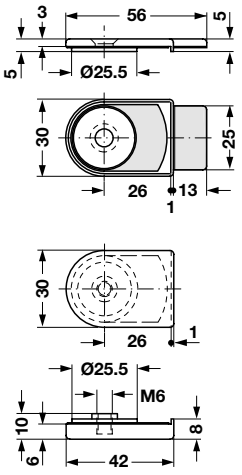
Cam Lock

- For cylinder cores which are inserted from the front on-site
- For glass door thickness: 4 – 10 mm (5/32" – 13/32")
- Cam: straight
- Closure direction: 180° (convertible)
- Handing: left or right versions
- Screw-mount with hexagon nut

Material: Zinc, die-cast

Finish	Handing	Item No.
nickel-plated polished	left	233.42.600
	right	233.42.610
nickel-plated matt	left	233.42.700
	right	233.42.710

Supplied With
Locking cam
Mounting nut
Angled striking plate
Clamping plate
Clamping rosette



Counterpiece

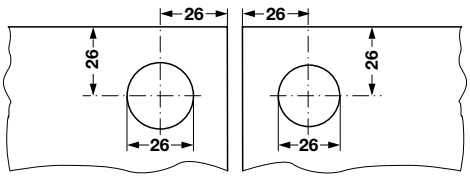
- For SYMO 3000 glass door cam lock for double doors
- For glass thicknesses: 4 – 10 mm (5/32" – 13/32")

Material: Zinc die-cast

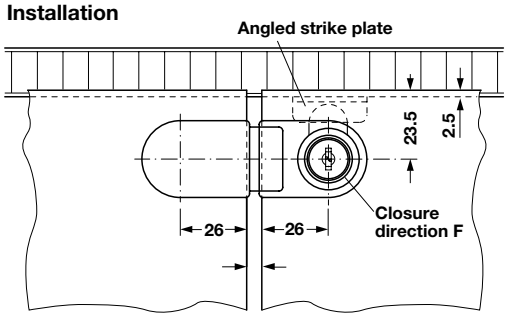
Finish	Item No.
nickel-plated polished	233.40.712

Supplied With
2 clamping plates
Clamping piece
Threaded screw M6 × 10 mm
(for glass up to 8 mm (5/16") thick)
Threaded screw M6 × 12 mm
(for glass up to 8 – 10 mm (5/16" – 13/32") thick)

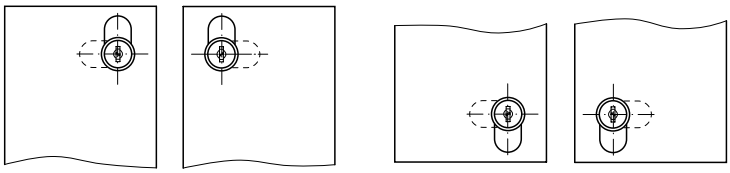
Drilling dimensions



Installation



Application
Where glass double doors are used together with the counterpiece, the following closure directions of the glass door cam lock are required:



Top left: closure direction E
Top right: closure direction F
Bottom left: closure direction G
Bottom right: closure direction H

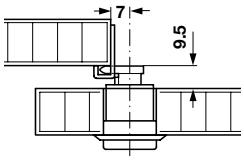
Lock cores Page 10.26

Dimensional data not binding. We reserve the right to alter specifications without notice.

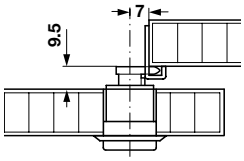
Modular Removable Core Locking System – SYMO 3000
Sliding Door Locks

- The rotary bolt further protects sliding doors against being pushed in
- The lock can only be locked and unlocked with the key

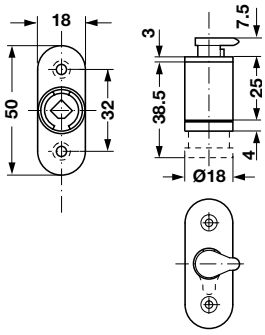
Installation



Closure Direction A (right)



Closure Direction B (left)

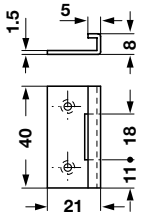


Push and Turn Lock

- For cylinder cores that are inserted from the front on-site
- Closure direction: 180°
- Screw-mount

Material: Zinc die-cast; Finish: nickel-plated

Locking direction	Item No.
closure direction A (right)	234.67.610
closure direction B (left)	234.67.660



Angled Striking Plate

- For SYMO 3000 push and turn lock
- Screw-mount

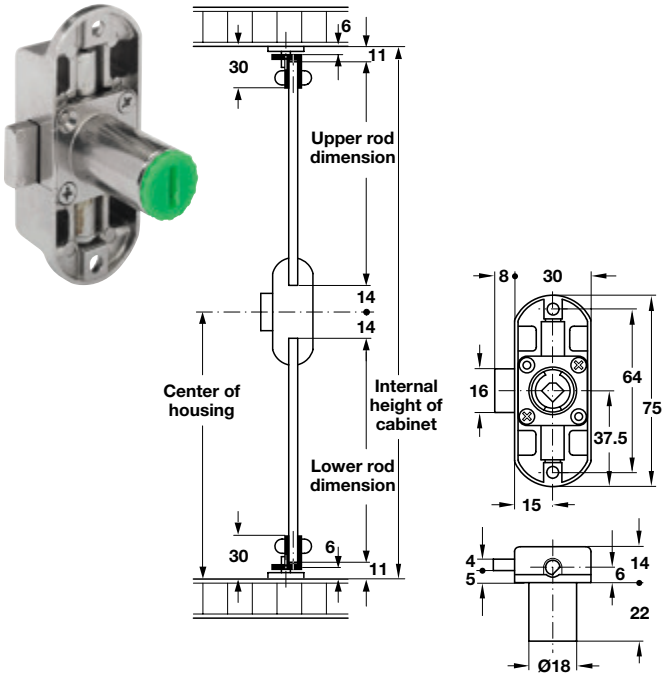
Material: Steel

Finish	Item No.
galvanized	239.01.910

Lock cores Page 10.26

Dimensional data not binding. We reserve the right to alter specifications without notice.

Modular Removable Core Locking System – SYMO 3000
Espagnolette Locks



PICCOLA-NOVA

- For divided profile rod 6 mm, for cylinder cores that are inserted from the front on-site
- Screw-mount

Material: Zinc, die-cast

Handing	Item No.
left hand	224.64.650
right hand	224.64.600

Note
Please consider the following measurements when designing the cabinet and when choosing the accessories for the espagnolette lock:

Upper rod dimension: Center of housing – 25 mm (1")
Lower rod dimension: Center of housing – 25 mm (1")

PICCOLA-NOVA Complete Set

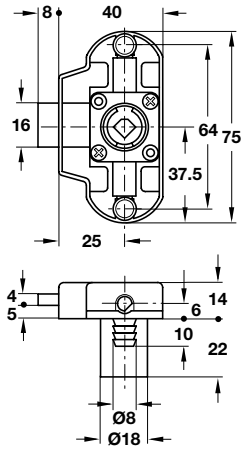
- Screw-mount

Material: Housing: Steel; Finish: nickel-plated
Cylinder: Brass

Handing	Item No.
left hand	224.64.662
right hand	224.64.612

Supplied With
Angled striking plate
Pair of catch hooks with plastic guide
2 locking bolts
2 rod guides

Note
Please order profile rod separately

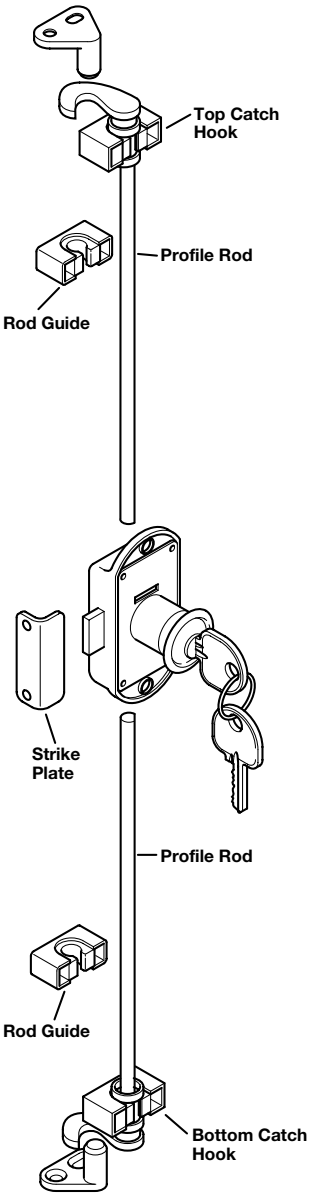


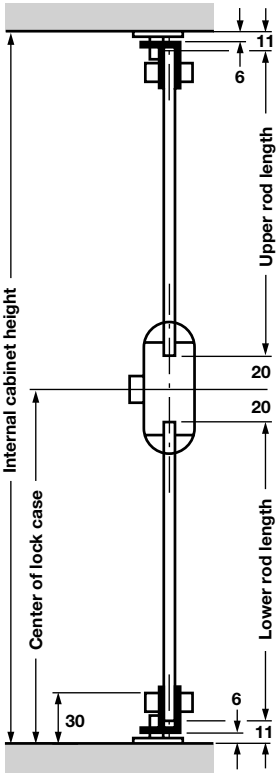
Lock cores	Page 10.26
Profile rod	Page 10.37
Accessories	Page 10.50–10.51

Dimensional data not binding. We reserve the right to alter specifications without notice.

Espagnolette Locking Systems

- A three point locking system designed for tall wardrobe type cabinets
- Keeps top and bottom of doors secure and aligned
- Can be used on doors up to 78" tall





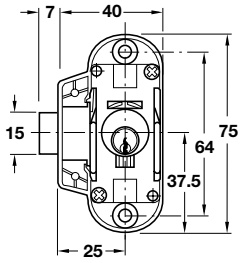
Dimensions in mm
Inches are approximate

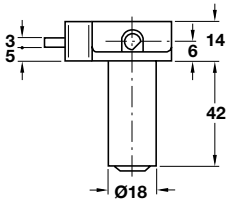
Dimensional data not binding. We reserve the right to alter specifications without notice.

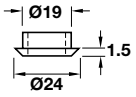
Espagnolette Locks

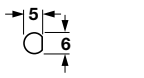
- Master keying and General Master key systems available upon request
- Please include a key plan
- Plan on 8 to 10 weeks to produce

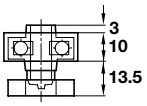
Flat Head #6

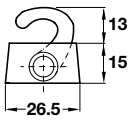


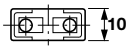


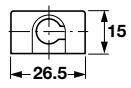


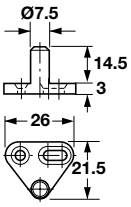












Lock Case

- H1 – keyed alike
- With extended Ø18 mm cylinder
- To accommodate furniture knob-handle made to your own design
- 5 pin levers = 10,000 key changes
- Closure travel: 180°

Material: Zinc, die-cast; Finish: nickel-plated

Handing	Item No.
left hand	225.62.910
right hand	225.62.812

Supplied With
2 keys
Cylinder

Profile Rod

- 2000 mm length

Material: Drawn Steel

Finish	Item No.
nickel-plated	226.07.209

Top and Bottom Catch Hooks

- Screw-mounted

Material: Zinc die-cast; Guides: Plastic

Finish	Item No.
nickel-plated	226.30.761

Rod Guides

- Screw-mounted

Material: Zinc die-cast; Guides: Plastic

Finish	Item No.
nickel-plated	239.75.761

Locking Bolt

- Screw-mounted, adjustable

Material: Zinc die-cast

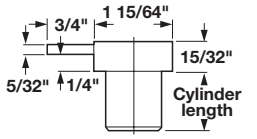
Finish	Item No.
nickel-plated	226.57.708
brass antique	226.57.101

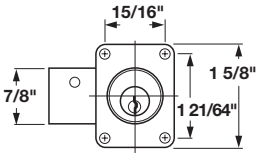
Strike plates Page 10.53-10.54

Dimensional data not binding. We reserve the right to alter specifications without notice.

High Security – National Lock

- Locks on this page meet or exceed ANSI/BHMA Grade 1 cylinder pull and cycle test
- Approved by the Woodworkers Institute (formerly WIC)
- Custom Master keying and General Master key systems available upon request
- 2500 key changes are possible, special order 5 pin tumblers
- Please include a key plan
- Plan on 2–3 weeks to produce





C8173 Door Locks

- For right or left hand applications
- 4 pin tumblers include 850 key changes
- Cylinder length 7/8", Bolt travel 3/4"
- Surface mounted, requires a Ø57/64" hole
- Key turns 360°

Keyed Different

Material: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8173-KD-26D	232.14.400
satin brass	C8173-KD-4	232.14.500

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key separately (see below)

Material: Lock and keys: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8173-MKKD-26D	232.14.497

Master Key

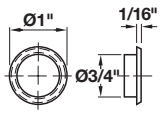
- For MKKD locks above

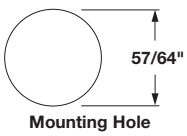
Material: Brass

National No.	Item No.
D4299	210.02.209

Keyed Alike

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8173-101-26D	232.14.401
brushed chrome	103	C8173-103-26D	232.14.402
brushed chrome	107	C8173-107-26D	232.14.403
brushed chrome	915	C8173-915-26D	232.14.404
satin brass	107	C8173-101-4	232.14.503
satin brass	915	C8173-915-4	232.14.504

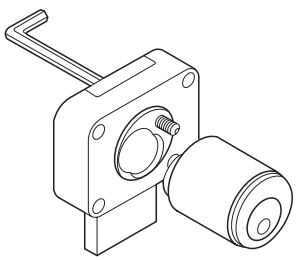




Cylinder Rosettes

Material: Brass

Finish	National No.	Item No.
brushed chrome	C2017-26D	232.14.000
satin brass	C2017-4	232.14.001



Note
The PLUS feature allows you to remove the cylinder from our pin tumbler box locks while the lock remains in place. No mounting screws need to be removed. Simply use a 5/64" hex wrench from the back to remove the cylinder for re-keying.

Keyed alike replacement keys Page 10.40

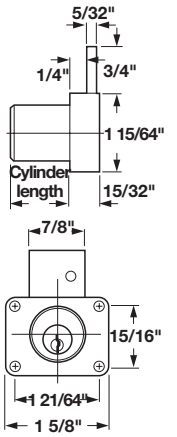
Dimensional data not binding. We reserve the right to alter specifications without notice.

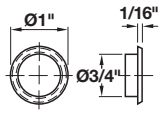
10

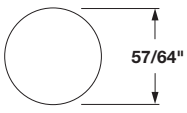
Dimensions in mm
Inches are approximate

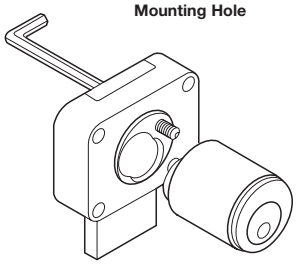
High Security – National Lock

- Locks on this page are certified ASNI/BHMA Grade 2 (Grade 1 also available)
- Woodwork Institute acknowledged product
- Custom Master keying and General Master key systems available upon request
- 2000 master key codes available, special order 5 pin tumblers
- Please include a key plan
- Plan on 2–3 weeks to produce









Keyed alike replacement keys Page 10.40

C8178 and C8179 - Door Locks

- 4 pin tumblers include 850 key changes
- Surface mounted, requires a Ø57/64" hole
- Bolt travel 3/4"
- Key turn 360°

Keyed Different
Material: Brass-plated

Finish	Cylinder Length	National No.	Item No.
brushed chrome	7/8"	C8178-KD-26D	232.14.300
brushed chrome	1 3/8"	C8179-KD-26D	232.14.350
satin brass	7/8"	C8178-KD-4	232.14.600
satin brass	1 3/8"	C8179-KD-4	232.14.650

Master Keyed, Keyed Different
- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately (see below)

Material: Brass-plated; Finish: brushed-chrome

Cylinder Length	National No.	Item No.
7/8"	C8178-MKKD-26D	232.14.347
1 3/8"	C8179-MKKD-26D	232.14.397

Master Key

- For MKKD locks above

Material: Brass

National No.	Item No.
D4299	210.02.209

Keyed Alike

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8178-101-26D	232.14.301
brushed chrome	103	C8178-103-26D	232.14.302
brushed chrome	107	C8178-107-26D	232.14.303
brushed chrome	915	C8178-915-26D	232.14.304
satin brass	107	C8178-107-4	232.14.603
satin brass	915	C8178-915-4	232.14.604

Cylinder Length 1 3/8"; Bolt travel 3/4"

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8179-101-26D	232.14.351
brushed chrome	103	C8179-103-26D	232.14.352
brushed chrome	107	C8179-107-26D	232.14.353
brushed chrome	915	C8179-915-26D	232.14.354
satin brass	107	C8179-107-4	232.14.653

Cylinder Rosettes

Material: Brass

Finish	National No.	Item No.
brushed chrome	C2017-26D	232.14.000
satin brass	C2017-4	232.14.001

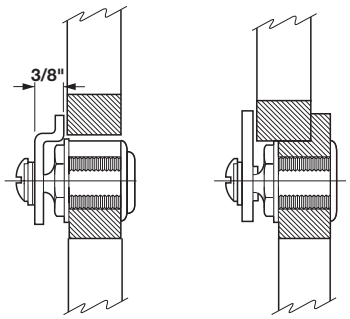
Note
The PLUS feature allows you to remove the cylinder from our pin tumbler box locks while the lock remains in place. No mounting screws need to be removed. Simply use a 5/64" hex wrench from the back to remove the cylinder for re-keying.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

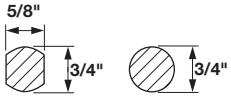
High Security – National Lock

- Woodwork Institute acknowledged product
- Custom Master keying and General Master key systems available upon request
- 2000 master key codes available, special order 5 pin tumblers
- Please include a key plan
- Plan on 2–3 weeks to produce



C8102 and C8103 - Cam Locks

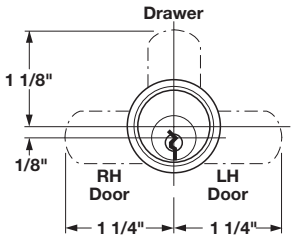
- For drawer, left, or right hand applications
- 4 pin tumblers include 850 key changes
- Cam turns 90°, key turns 360°



Keyed Different
Material: Brass

Finish	Mounting type	Length	Material Thickness	National No.	Item No
brushed chrome	flush	1 1/16"	3/4"	C8102-KD-26D	235.10.400
brushed chrome	lipped/overlay	1 3/16"	7/8"	C8103-KD-26D	235.10.300
satin brass	flush	1 1/16"	3/4"	C8102-KD-4	235.10.500
satin brass	lipped/overlay	1 3/16"	7/8"	C8103-KD-4	235.10.600

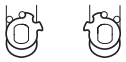
Supplied With
2 keys
2 cams
Spur washer
Rosette



Note
Through the use of a shifter, the 360° key travel turns the cam 90° in either direction. Actual application determines which cam position is the locked position. Each lock is furnished with an alternate cam for opposite cam turn.

Solid lines show locked position of cam

Position of shifter on back of lock



Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key separately (see below)

Material: Brass-plated; Finish: brushed chrome

Mounting type	Length	Material Thickness	National No.	Item No.
Flush	1 1/16"	3/4"	C8102-MKKD-26D	235.10.497
Lipped/overlay	1 3/16"	7/8"	C8103-MKKD-26D	235.10.397

Supplied With
2 keys
Strike plate
Screws

Master Key

- For MKKD locks above

Material: Brass

National No.	Item No.
D4299	210.02.209

Replacement Keys

- For locks: C8102, C8103, C8139, C8142, C8173, C8178 and C8179.

Material: Brass

Keying No.	Item No.
101	210.02.201
103	210.02.202
107	210.02.203
915	210.02.204

Mounting Plate for Cam Locks

- Used where spur washer will not embed into hard surfaces
Measures: 2 1/4"×1 1/4"

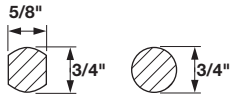
Material: Steel

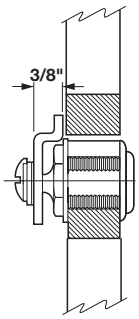
National No.	Item No.
C2016-2C	210.02.081

Dimensional data not binding. We reserve the right to alter specifications without notice.

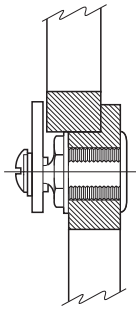
High Security – National Lock

- Woodwork Institute acknowledged product
- Custom Master keying and General Master key systems available upon request
- 2000 master key codes available, special order 5 pin tumblers
- Please include a key plan
- Plan on 2–3 weeks to produce





Flush



Lipped Overlay

C8102 and C8103 - Cam Locks

- For drawer, left, or right hand applications
- 4 pin tumblers include 850 key changes
- Cam turns 90º, key turns 360º

Keyed Alike

- Mounting Type: Flush
- Cylinder length: 1 1/16", Maximum material thickness: 3/4"

Material: Brass-plated

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8102-101-26D	235.10.401
brushed chrome	103	C8102-103-26D	235.10.402
brushed chrome	107	C8102-107-26D	235.10.403
brushed chrome	915	C8102-915-26D	235.10.404
satin brass	107	C8102-107-4	235.10.503
satin brass	915	C8102-915-4	235.10.504

- Mounting Type: Lipped/Overlay
- Cylinder length: 1 3/16", Maximum material thickness: 7/8"

Material: Brass-plated

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8103-101-26D	235.10.301
brushed chrome	103	C8103-103-26D	235.10.302
brushed chrome	107	C8103-107-26D	235.10.303
brushed chrome	915	C8103-915-26D	235.10.304
satin brass	107	C8103-107-4	235.10.603
satin brass	915	C8103-915-4	235.10.604

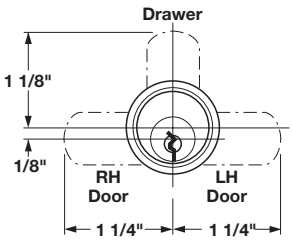
Supplied With
2 keys
2 cams
Spur washer
Rosette

Mounting Plate for Cam Locks

- Used where spur washer will not embed into hard surfaces
Measures: 2 1/4"×1 1/4"

Material: Steel

National No.	Item No.
C2016-2C	210.02.081



Note
Through the use of a shifter, the 360º key travel turns the cam 90º in either direction. Actual application determines which cam position is the locked position. Each lock is furnished with an alternate cam for opposite cam turn.

Solid lines show locked position of cam.

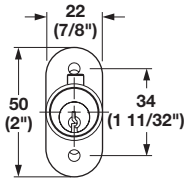
Position of shifter on back of lock

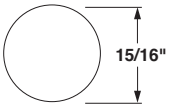
Keyed alike replacement keys Page 10.40

Dimensional data not binding. We reserve the right to alter specifications without notice.

High Security – National Lock

- Woodwork Institute acknowledged product
- Master keying and General Master systems available upon request
- 2000 master key codes available, special order 5 pin tumblers
- Please include a key plan.
- Plan on 2-3 weeks to produce.





Mounting Hole

C8142 - Sliding Door Locks

- For application in sliding wood doors
- 4 pin tumblers include 100 key changes
- Cylinder length 1 1/8", Bolt travel 7/16"
- Surface mounted, requires a Ø15/16" hole
- Key turns 90°

Keyed Different

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8142-KD-26D	234.48.400

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately (see below)

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8142-MKKD-26D	234.48.498

Master Key

- For MKKD locks above

Material: Brass

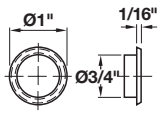
National No.	Item No.
D4299	210.02.209

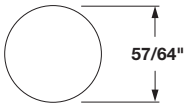
Keyed Alike

Material: Brass-plated; Finish: brushed chrome

Keying #'s	National No.	Item No.
101	C8142-101-26D	234.48.401
103	C8142-103-26D	234.48.402
107	C8142-107-26D	234.48.403
915	C8142-915-26D	234.48.404

Supplied With
2 keys
Locking sleeve
Screws





Mounting Hole

Cylinder Rosettes

- Order separately

Material: Brass; Finish: brushed chrome

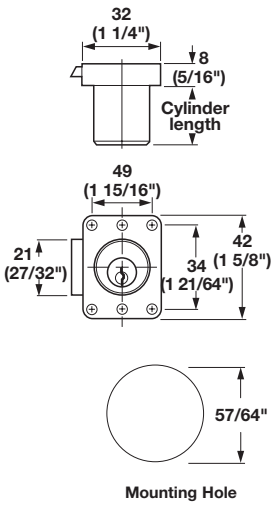
National No.	Item No.
C2017-26D	232.14.000

Keyed alike replacement keys Page 10.40

Dimensional data not binding. We reserve the right to alter specifications without notice.

High Security – National Lock

- Woodwork Institute acknowledged product
- Master keying and General Master systems available upon request
- 2000 master key codes available, special order 5 pin tumblers
- Please include a key plan.
- Plan on 2-3 weeks to produce.



Mounting Hole

C8139 - Spring Bolt Locks

- For right hand applications
- 4 pin tumblers include 850 key changes
- Cylinder length 3/4", bolt travel 7/32"
- Surface mounted, requires a Ø57/64" hole
- Key turns 90°

Keyed Different

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8139-KD-26D	232.06.400

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately (see below)

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8139-MKKD-26D	232.06.497

Master Key

- For MKKD locks above

Material: Brass

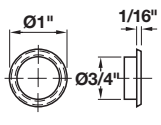
National No.	Item No.
D4299	210.02.209

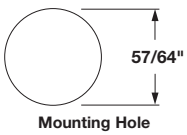
Keyed Alike

Material: Brass-plated; Finish: brushed chrome

Keying #'s	National No.	Item No.
101	C8139-101-26D	232.06.401
103	C8139-103-26D	232.06.402
107	C8139-107-26D	232.06.403
915	C8139-915-26D	232.06.404

Supplied With
2 keys
Strike plate
Screws





Mounting Hole

Cylinder Rosettes

- Order separately

Material: Brass; Finish: brushed chrome

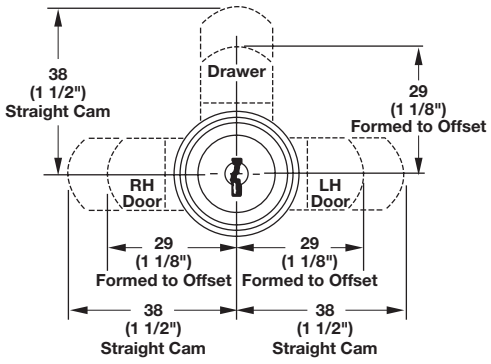
National No.	Item No.
C2017-26D	232.14.000

Keyed alike replacement keys Page 10.40

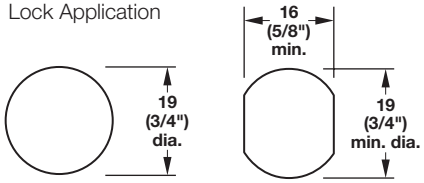
Dimensional data not binding. We reserve the right to alter specifications without notice.

National C Series

- Cam Lock, for wood or metal
- For right or left handed doors with lipped/overlay construction (straight cam) or flush construction (formed cam)
- For overlay application, the combined thickness of front and frame cannot exceed the cylinder length
- Custom Master keying available upon request



Lock Application



C8053 - Cam Locks

- 90° cam turn on all locks; key is removable in both locked and unlocked positions
- Cylinder length: 30 mm (1 3/16")
- Max material thickness: 22 mm (7/8")

Keyed Different

Material: Zinc, nickel-plated; Finish: bright nickel

National No.	Item No.
C8053-KD-14A	235.10.620

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8053-MKKD-14A	235.10.628

Master Key

- For MKKD locks above

Material: Brass

National No.	Item No.
D8799	210.02.219

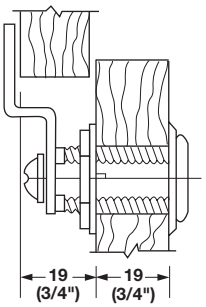
C8053 Keyed Alike

Material: Zinc, nickel-plated; Finish: bright nickel

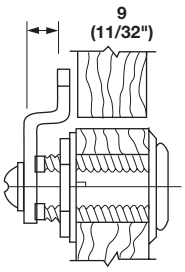
National No.	Item No.
C346A	235.10.621
C390A	235.10.622
C413A	235.10.623
C415A	235.10.624
C420A	235.10.625
C642A	235.10.626

Supplied With
2 keys
Trim washer
2 cams
2 stop washers
Spur washer for wood mounting nut

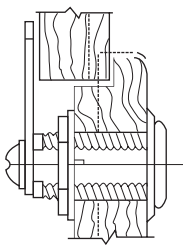
Overlay



Flush



Lipped/Overlay



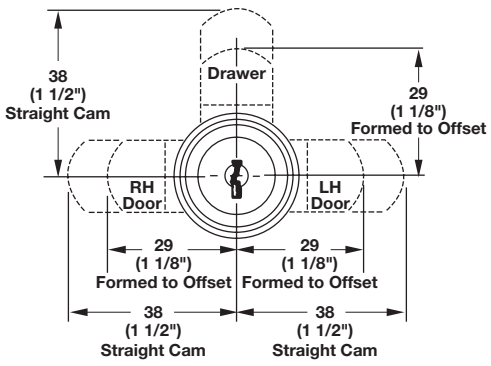
Keyed alike replacement keys	Page 10.40
Cylinder rosettes	Page 10.42

Dimensional data not binding. We reserve the right to alter specifications without notice.

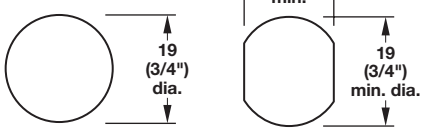
Dimensions in mm
Inches are approximate

National C Series

- Cam Lock, for wood or metal
- For right or left handed doors with lipped/overlay construction (straight cam) or flush construction (formed cam)
- For overlay application, the combined thickness of front and frame cannot exceed the cylinder length
- Custom Master keying available upon request



Lock Application



Keyed alike replacement keys	Page 10.40
Cylinder rosettes	Page 10.42

C8055 - Cam Locks

- 90° cam turn on all locks; key is removable in both locked and unlocked positions
- Cylinder length: 30 mm (1 3/16")
- Max material thickness: 22 mm (7/8")

Keyed Different

Material: Zinc, nickel-plated; Finish: bright nickel

National No.	Item No.
C8055-KD-14A	235.10.810

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8055-MKKD-14A	235.10.898

Master Key

- For MKKD locks above

Material: Brass

National No.	Item No.
D8799	210.02.219

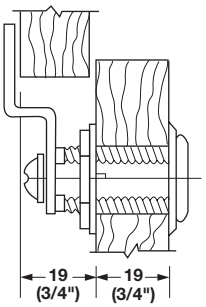
C8055 Keyed Alike

Material: Zinc, nickel-plated; Finish: bright nickel

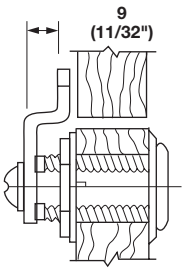
National No.	Item No.
C346A	235.10.811
C390A	235.10.812
C413A	235.10.813
C415A	235.10.814
C420A	235.10.815
C642A	235.10.816

Supplied With
2 keys
Trim washer
2 cams
2 stop washers
Spur washer for wood mounting nut

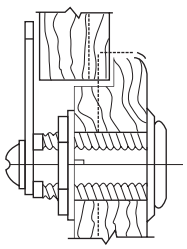
Overlay



Flush



Lipped/Overlay

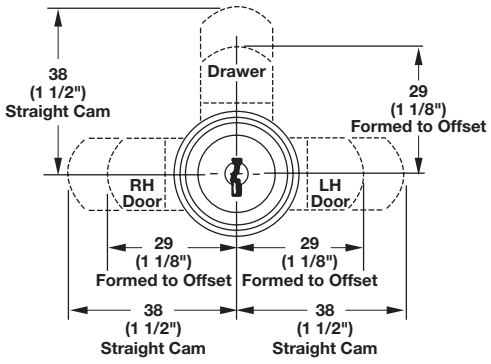


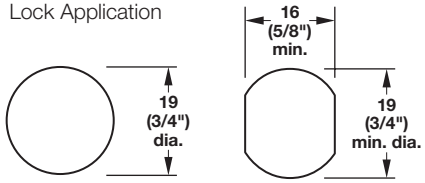
Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

National C Series

- Cam Lock, for wood or metal
- For right or left handed doors with lipped/overlay construction (straight cam) or flush construction (formed cam)
- For overlay application, the combined thickness of front and frame cannot exceed the cylinder length
- Custom Master keying available upon request





C8060 - Cam Locks

- 180° cam turn on all locks; key is removable in both locked and unlocked positions
- Cylinder length: 45 mm (1 3/4")
- Max material thickness: 22 mm (7/8")

Keyed Different

Material: Zinc, nickel-plated; Finish: bright nickel

National No.	Item No.
C8060-KD-14A	235.10.650

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8060-MKKD-14A	235.10.658

Master Key

- For MKKD locks above

Material: Brass

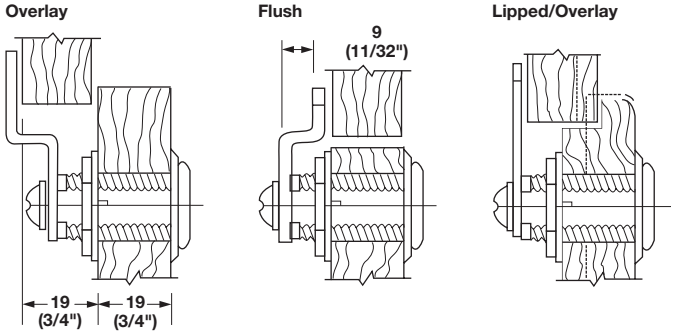
National No.	Item No.
D8799	210.02.219

C8060 Keyed Alike

Material: Zinc, nickel-plated; Finish: bright nickel

National No.	Item No.
C346A	235.10.651
C390A	235.10.652
C413A	235.10.653
C415A	235.10.654
C420A	235.10.655
C642A	235.10.656

Supplied With
2 keys
Trim washer
2 cams
2 stop washers
Spur washer for wood mounting nut



Keyed alike replacement keys	Page 10.40
Cylinder rosettes	Page 10.42

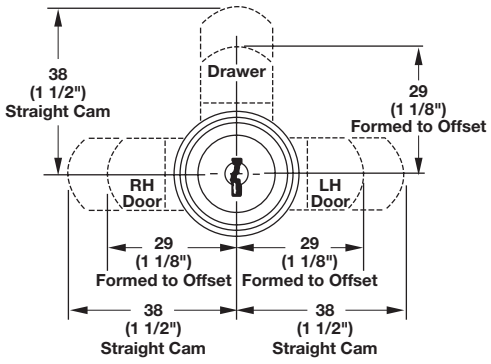
Dimensional data not binding. We reserve the right to alter specifications without notice.

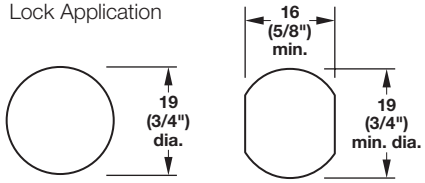
10

Dimensions in mm
Inches are approximate

National C Series

- Cam Lock, for wood or metal
- For right or left handed doors with lipped/overlay construction (straight cam) or flush construction (formed cam)
- For overlay application, the combined thickness of front and frame cannot exceed the cylinder length
- Custom Master keying available upon request





Keyed alike replacement keys	Page 10.40
Cylinder rosettes	Page 10.42

C8073 - Cam Locks

- 180° cam turn on all locks; key is removable in both locked and unlocked positions
- Cylinder length: 30 mm (1 3/16")
- Max material thickness: 22 mm (7/8")

Keyed Different

Material: Zinc, nickel-plated; Finish: bright nickel

National No.	Item No.
C8073-KD-14A	235.10.630

Master Keyed, Keyed Different

- Random key numbers only – no specific key numbers can be specified
- Please order master key and cylinder rosettes separately

Material: Brass-plated; Finish: brushed chrome

National No.	Item No.
C8073-MKKD-14A	235.10.698

Master Key

- For MKKD locks above

Material: Brass

National No.	Item No.
D8799	210.02.219

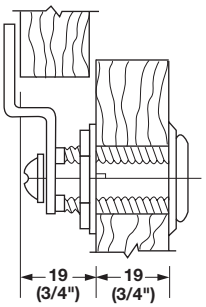
C8073 Keyed Alike

Material: Zinc, nickel-plated; Finish: bright nickel

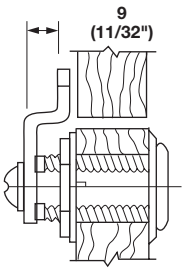
National No.	Item No.
C346A	235.10.631
C390A	235.10.632
C413A	235.10.633
C415A	235.10.634
C420A	235.10.635
C642A	235.10.636

Supplied With
2 keys
Trim washer
2 cams
2 stop washers
Spur washer for wood mounting nut

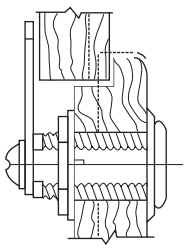
Overlay



Flush



Lipped/Overlay



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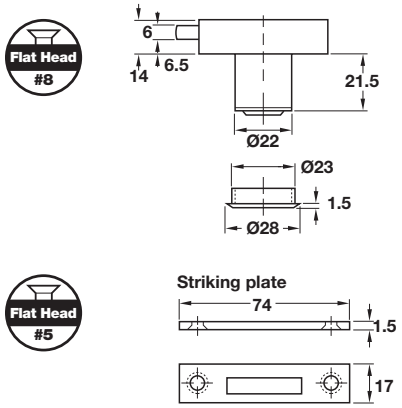
Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

High Security – KABA Locks



Deadbolt Lock

- With with Ø22 mm KABA cylinder
- Right hand (can be adapted for left/drawer use)
- 8 pin levers = 100,000 key changes
- Backset = 25 mm

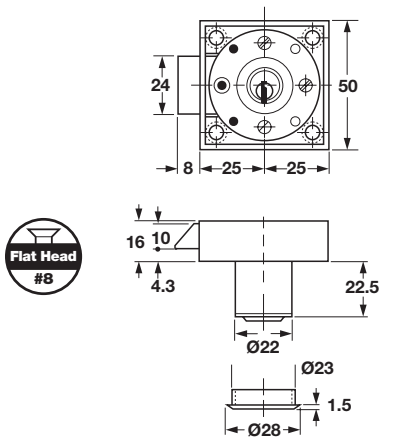
Keyed Different
Material: Case: Steel
Strike Plate and Bolt: Brass

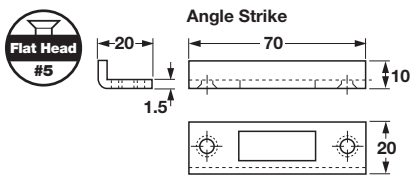
	Item No.
	230.06.224

Keyed Alike (K1)

	Item No.
	230.06.813

Supplied With
2 keys
Cylinder rosette
Strike plate





Spring Bolt/Slam Lock

- With with Ø22 mm KABA cylinder
- Right hand (can be adapted for left/drawer use)
- 8 pin levers = 100,000 key changes
- Backset = 25 mm

Keyed Different
Material: Case and Strike: Steel
Bolt: Brass

	Item No.
	231.06.229

Keyed Alike (K1)

	Item No.
	231.06.818

Supplied With
2 keys
Cylinder rosette
Strike plate

Note
Master keying and General Master key systems available upon request. Please include a key plan. Plan on 8–10 weeks to produce.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Keyed Cabinet Locks
SC Series – Cam Locks

- Key turn is 90°
- Key is removable in locked and unlocked position
- Master keying or key plans are not available
- Keyed alike
- Keyed different, 168 possibilities
- Key changes randomly selected for keyed different option

16 mm (5/8")

- Dim. L=25 mm (1")
- Includes a straight cam 1 9/16" long
- 5 plate levers

Material: Zinc alloy; Finish: chrome-plated

Version	Item No.
keyed different	235.20.200
keyed alike	235.20.201

Supplied With
2 keys
Hexagon nut
Cam plate
Washer

19 mm (3/4")

- Dim. L=30 mm (1 1/8")
- Includes a straight cam 1 9/16" long
- 5 plate levers

Material: Zinc alloy; Finish: chrome-plated

Version	Item No.
keyed different	235.20.210
keyed alike	235.20.211

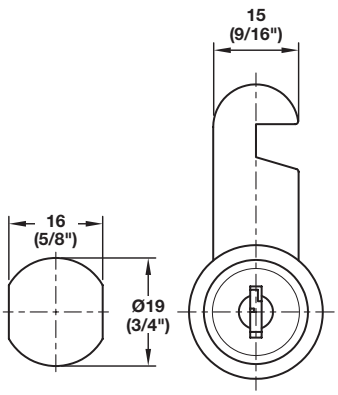
Supplied With
2 keys
Hexagon nut
Cam plate
Washer

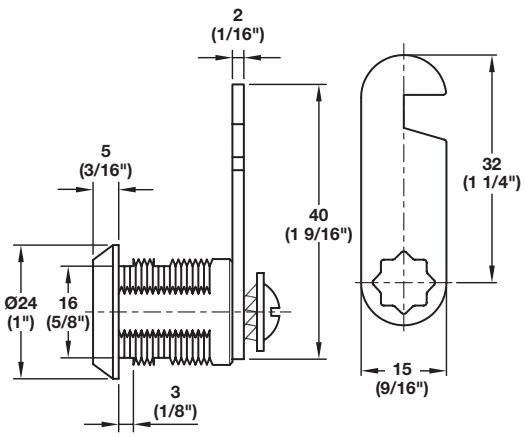
Offset Cams

- Order separately to replace straight cams

Material: Steel; Finish: yellow chromate

Offset	Item No.
3 (1/8")	219.13.910
6 (1/4")	219.13.930
9 (3/8")	219.13.950





Dimensional data not binding. We reserve the right to alter specifications without notice.

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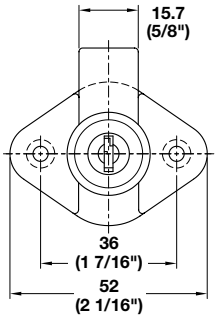
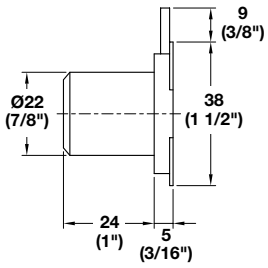
Dimensions in mm
Inches are approximate

Keyed Cabinet Locks
SC Series – Deadbolt

- Economical drawer locks
- Key is removable in locked and unlocked position
- Master keying systems or key plans are not available
- Keyed alike
- Keyed different, 168 possibilities
- Key changes randomly selected for keyed different option





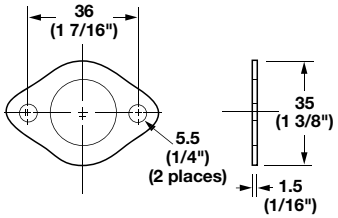
Drawer Lock

- For wood drawers
- For 19 mm (3/4") material
- 5 Plate levers
- Throw: 9 mm (3/8")
- 180° key rotation

Material: Zinc alloy; Finish: nickel-plated

Version	Item No.
keyed different	230.35.200
keyed alike	230.35.201

Supplied With
2 keys
Rosette



Spacer

- Place between lock and inside of drawer to control how much lock protrudes through face

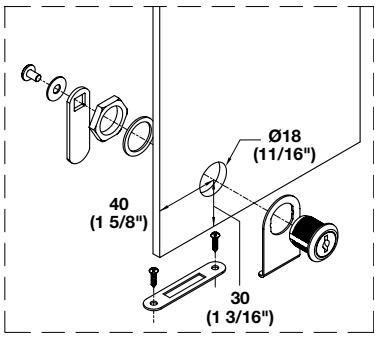
Material: Cardboard

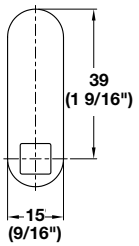
	Item No.
	210.02.082

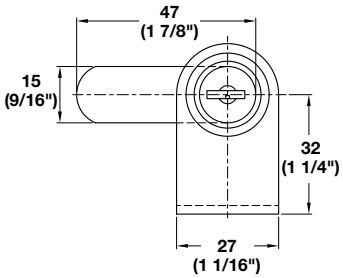
Dimensional data not binding. We reserve the right to alter specifications without notice.

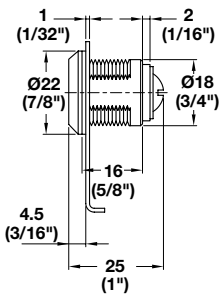
Keyed Cabinet Locks
SC Series – Glass Locks

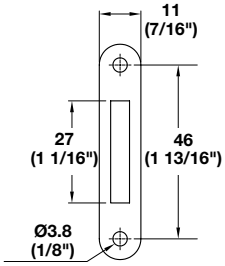
- Economical drawer locks
- Key is removable in locked and unlocked position
- Master keying systems or key plans are not available
- Keyed alike
- Keyed different, 168 possibilities
- Key changes randomly selected for keyed different option

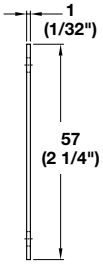












Glass Door Lock

- For single drawers
- For 3/16 –1/4" thick glass

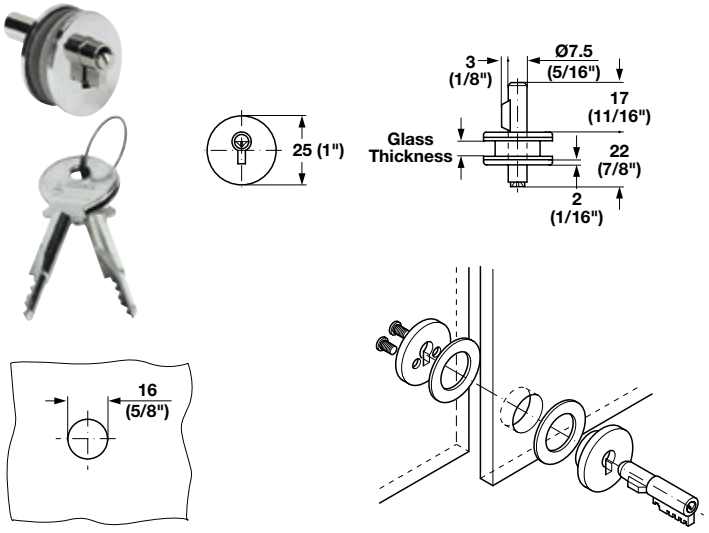
Material: Zinc alloy; Finish: chrome-plated

Version	Item No.
keyed different	233.21.200
keyed alike	233.21.201

Supplied With
2 keys
Steel front plate
Plastic washer
Hexagon nut
Straight cam
Steel strike

Dimensional data not binding. We reserve the right to alter specifications without notice.

Keyed Cabinet Locks
Glass Door Locks



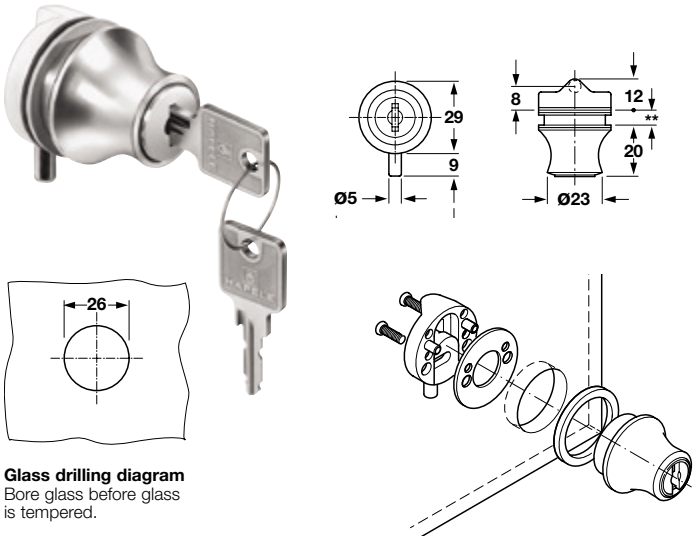
Sliding Door Lock

- For installation in glass panels
- For glass thickness 5 – 7 mm (3/16" – 5/16")
- 50 Key Changes
- Closure travel: 90°
- No replacement keys available

Material: Housing: Zinc die-cast, chrome-plated
Cylinder lock: Steel

Version	Item No.
keyed different	233.22.207
keyed alike #851	233.22.217

Supplied With
2 keys
2 rubber washers
2 screws



Glass drilling diagram
Bore glass before glass is tempered.

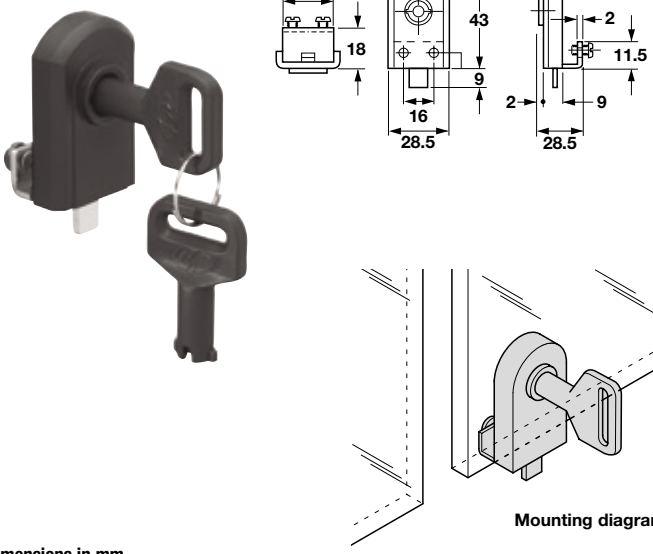
Glass Door Pin Lock

- Backplate, screw-mounted
- For glass thickness 4 – 6 mm (1/8" – 1/4")
- With 6 plate levers = 1000 Key Changes
- Closure travel: 90°

Material: Zinc die-cast; Finish: nickel-plated matt

Version	Item No.
keyed different	233.05.600
keyed alike #N7921PL	233.05.601

Supplied With
2 keys
2 rubber spacers
2 screws



Glass Door Lock – Non-boring

- Clamps to glass with two set screws; pad is included to protect glass
- For 6 mm (1/4") thick glass
- Bolt travel: 9 mm (3/8")
- Key is removable in both locked and unlocked position

Material: Steel, Plastic

Color	Item No.
black	233.12.600

Supplied With
2 keys
Protective pad

Mounting diagram

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Keyed Cabinet Locks
Glass Door Locks

Self-Adhesive Non-Boring Glass Door Lock

- With key trap (key only removable when locked)
- Keyed alike
- Key Travel: 90°
- Includes adjustable set-screw that can be used instead of adhesive, allowing the lock to be used on doors with existing holes
- Aggressive adhesive has been tested in temperatures from 40° – 194° Fahrenheit
- Pull strength 150N – 200N
- Can be used on 4 – 7 mm (3/16" – 5/16") thick glass

Keyed Alike
Material: Zinc; Finish: nickel-plated

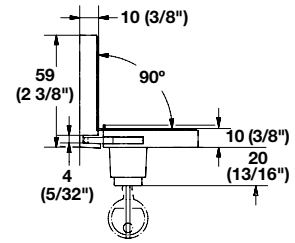
Version	Item No.
edge	233.08.601
double-door	233.08.611

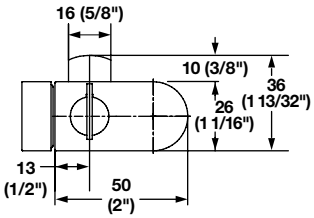
Replacement Key

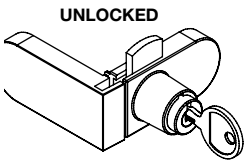
	Item No.
	233.08.900

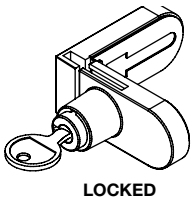
Supplied With
2 keys
Mounting instructions

Edge Version

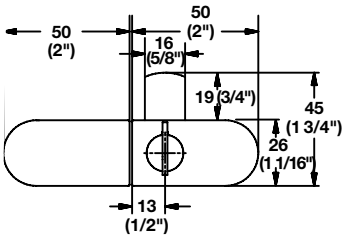


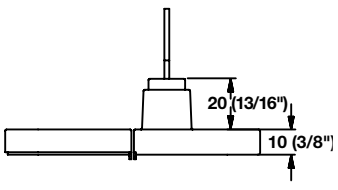


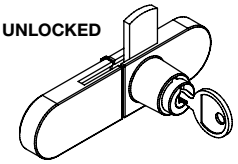


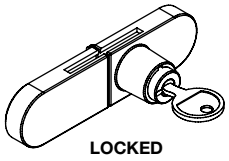


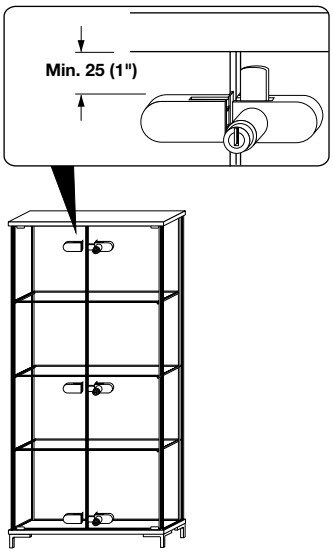
Double-door Version











Dimensional data not binding. We reserve the right to alter specifications without notice.

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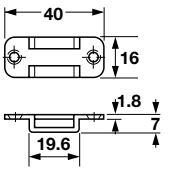
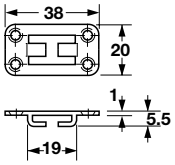
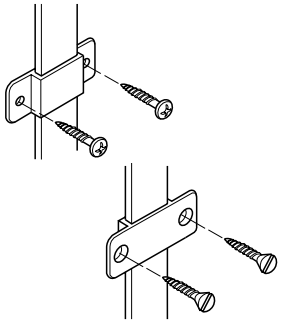
Dimensions in mm
Inches are approximate

Accessories

• Designed for a bar section measuring 16 × 3 mm







Guides can be used for surface-mounted (left) or recessed (right) bars by reversing their position.

Bar Guide

• Open type

Material: Plastic

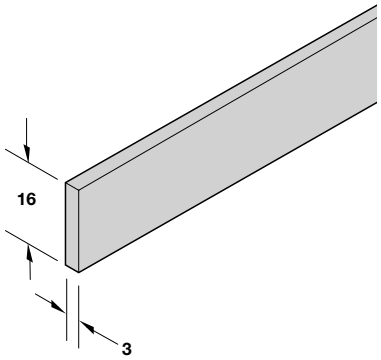
Color	Item No.
white	237.23.720

Bar Guide

• Open type

Material: Steel

Finish	Item No.
galvanized	237.23.006

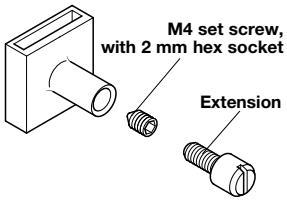


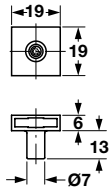
Lock Bars for central locking systems

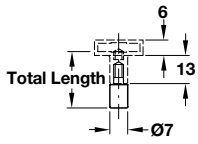
• Length: 820 (32 1/4")

Material: Aluminum

	Item No.
	234.78.051







Arresting Pin

• Use with extensions below

Material: Zinc, die-cast

Finish	Item No.
nickel matt	237.22.100

Supplied With
Slotted set screw

Extensions

• With M4 threads, for arresting pins

Material: Steel; Finish: zinc-plated

Length	Item No.
17 (11/16")	237.22.189
20 (13/16")	237.22.214
25 (1")	237.22.269
30 (1 3/16")	237.22.312

Dimensional data not binding. We reserve the right to alter specifications without notice.

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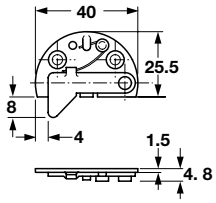
Dimensions in mm
Inches are approximate

Accessories



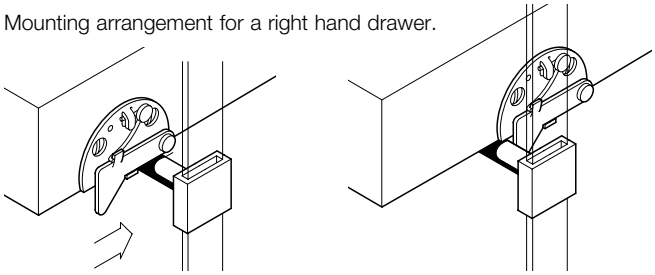
Drawer Catches

- Screw-mounted

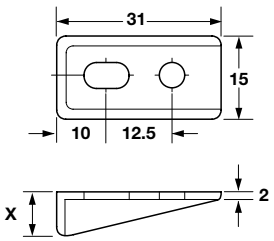
Material: Steel; Finish: nickel-plated

Handing	Item No.
left	237.16.752
right	237.16.707

Mounting arrangement for a right hand drawer.



The drawer can be closed even with the pin in the locked position (top); the drawer is then locked in position (bottom).



Drawer Locking Wedges

- Different wedge heights allow for a standard 9.5 mm arresting pin to be used with thicker drawer slides

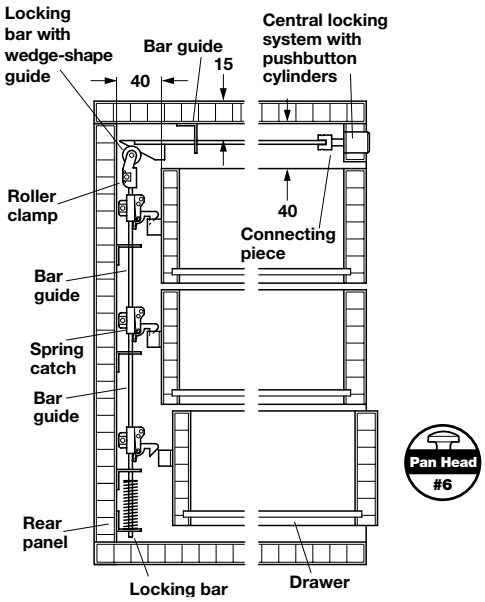
Material: Plastic

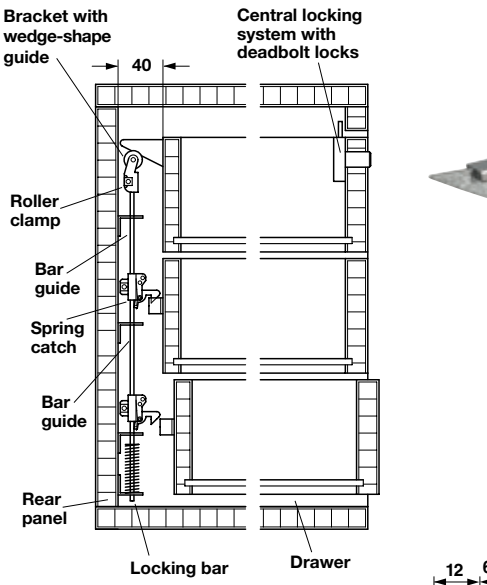
Dim. X	Application	Timberline No.	Item No.
11 (7/16")	1/2" thick slides	DC-500	234.91.090
17 (11/16")	3/4" thick slides	DC-502	234.91.092
20 (13/16")	7/8" thick slides	DC-510	234.91.094

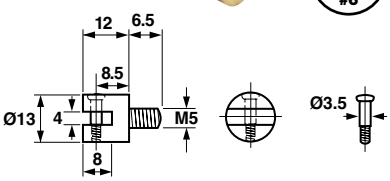
Dimensional data not binding. We reserve the right to alter specifications without notice.

Accessories
Built-In Gang Locking System

Rear panel
- The guides and arresting pins are designed for a bar section measuring 16×3 mm
- Hooks are spring-loaded, the drawer can be kept open as needed and shut later
- Hooks are adjustable on the locking bar enabling them to be individually adapted to drawers of varying heights
- Movement of the locking bar is affected by a roller, mounted at the upper end of the bar and actuated by a wedge-shaped driver







Roller Clamp
- For locking bar

Material: Steel

Finish	Item No.
galvanized	237.42.010

Bar Guide
- For locking bar, screw-mounted

Material: Steel

Finish	Item No.
galvanized	237.42.029

Spring Catch
- For locking bar, screw-mounted

Material: Steel

Finish	Item No.
galvanized	237.42.001

.

Drawer Component
- For spring catch, screw-mounted

Material: Steel

Finish	Item No.
galvanized	237.42.038

Vertical Lock Bar
- With attached spring and bar guide
  Length: 600 mm

Material: Steel

Finish	Item No.
galvanized	237.42.109

Locking Bar
- With wedge-shape guide
  Length: 600 mm

Material: Steel

Finish	Item No.
galvanized	237.42.207

Angled Activator
- For use with deadbolt locks

Material: Steel

Finish	Item No.
galvanized	237.42.047

Connecting Piece
- For use with push-button locks

Material: Brass

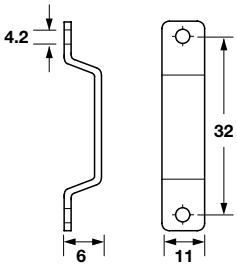
	Item No.
	234.58.997

Deadbolt locks	pages 10.38-10.39
Push button locks	page 10.58

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Accessories

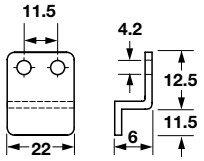


Pan Head #8

Strike Plate

Material: Steel

Color/Finish	Item No.
black	239.61.337
nickel-plated	239.61.730

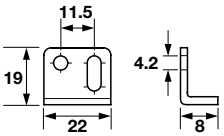


Pan Head #8

Strike Plate

Material: Steel

Color/Finish	Item No.
black	239.61.328
nickel-plated	239.61.720

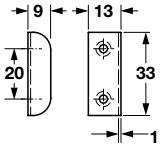


Angle Strike

- 90° angle, screw-mounted

Material: Steel

Color/Finish	Item No.
black	239.61.319
nickel-plated	239.61.710

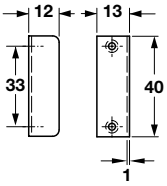


Flat Head #5

Strike Plate

Material: Steel

Color/Finish	Item No.
black	239.40.301
nickel-plated	239.40.703
brass-plated	239.40.507

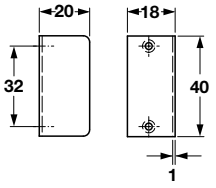


Flat Head #5

Strike Plate

Material: Steel

Finish	Item No.
nickel-plated	239.41.013
brass-plated	239.41.513
bronzed	239.41.111

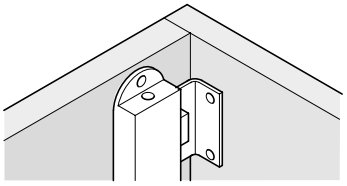


Flat Head #5

Strike Plate

Material: Steel

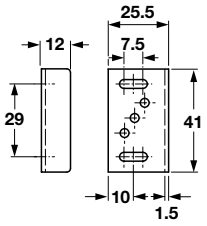
Finish	Item No.
nickel-plated	239.41.022



Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Accessories



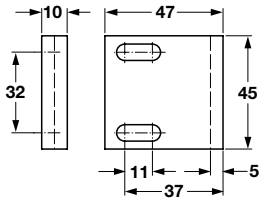
Pan Head #6

Strike Plate

- With adjustment slots

Material: Steel

Finish	Item No.
nickel-plated	239.47.604



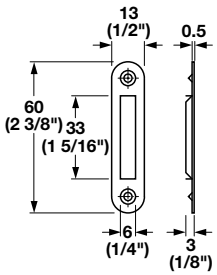
VARIANTA 5

Strike Plate

- For series drilled holes with adjustment slots

Material: Plastic

Color	Item No.
white	239.44.774

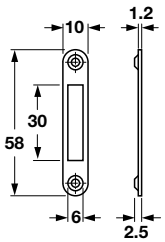


Flat Head #5

Strike Plate

Material: Steel

Finish	Item No.
nickel-plated	239.05.704
brass-plated	239.05.508

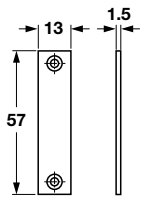


Flat Head #5

Strike Plate

Material: Steel

Finish	Item No.
brass-plated	239.02.516



Flat Head #5

Strike Plate

Material: Steel

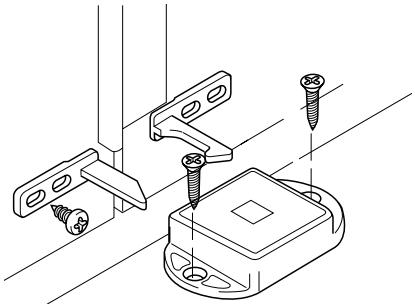
Finish	Item No.
nickel-plated	239.26.703

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Accessories

- Locks double panel doors without additional stop strips or furniture bolts
- The door catch is mounted inside the cabinet
- The hook and wedge element are mounted to the inside of either the right or left door
- The door with the hook element must be closed first
- Upon closing the second door, the wedge element automatically blocks the door catch
- The door with the wedge element must now be made lockable with a lock



Raised Head #5

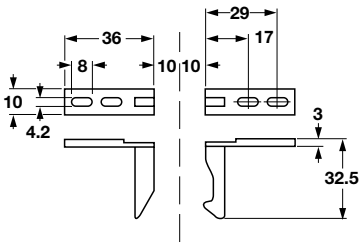
Automatic Door Bolt

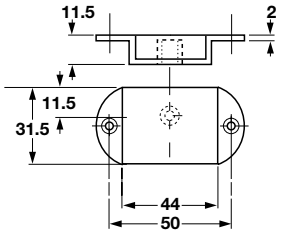
- Must be combined with either a cam or deadbolt lock
- Functions best when chosen lock locks into the cabinet top or bottom
- Make sure that doors lock tight without too much 'play' and that tall doors do not offer too much flex

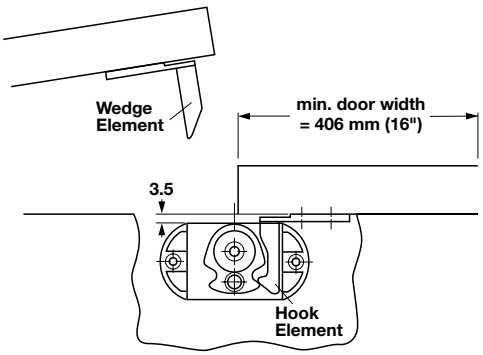
Material: Zinc, die-cast

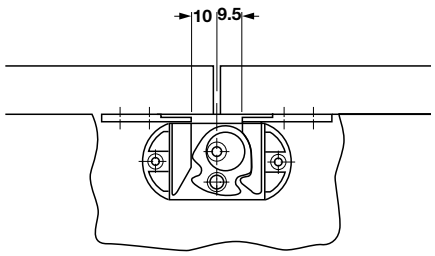
Finish	Item No.
nickel-plated	245.58.754

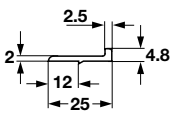
Note
Minimum door with is 16"











Astragal

- Screw-mounted
Length: 2.5 m (98")

Material: Plastic

Color	Item No.
brown	239.92.150

10

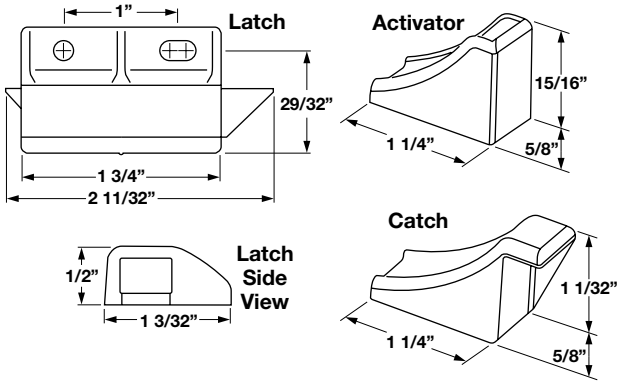
Dimensional data not binding. We reserve the right to alter specifications without notice.

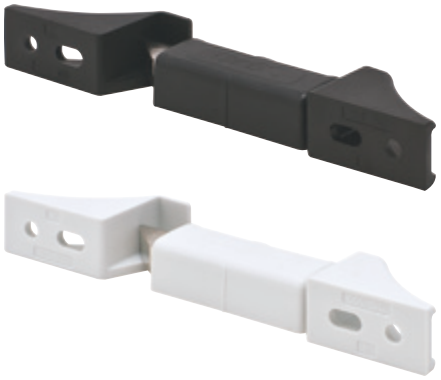
Dimensions in mm
Inches are approximate

Accessories

- No need to reach inside cabinet to release elbow catch
- Doors can be closed in any order
- Low profile Latch mechanism reduces product footprint inside cabinet
- Requires use of a single lock (sold separately)
- Allows two or three point locking for standard or wardrobe style double door cabinets when used with a lock
- Easy to install and use
- Exceeds pull force above 150 lbs.
- Eliminates the need for an elbow catch, or other devices, and allows hardware to be installed out of the way

Note
For cabinets taller than 48" it is recommended to use both top and bottom mount latches. For locking a pair of doors with one lock (not included).





Double Door Latch

Material: Plastic

Color	Handing	Item No.
black	RH	245.58.300
black	LH	245.58.301
white	RH	245.58.700
white	LH	245.58.701

Supplied With
Latch
Activator
Catch
Mounting instruction

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Hasp Cam Lock

- Durable construction secures doors, drawers, or lockers when used with a padlock
- Attractive plated finish
- Includes straight cam 24 mm (15/16") long
- Maximum material thickness: 28 mm (1 1/8")
- Screw-mounted

- For wood doors, drawers, or lockers

Material: Plate: Zinc, die-cast
Accessories: Steel

Finish/Color	Item No.
polished chrome	235.17.200
black	235.17.300
matt nickel	235.17.600

Supplied With
Hex nut
24 mm straight cam
Mounting nut

Flat Head #6

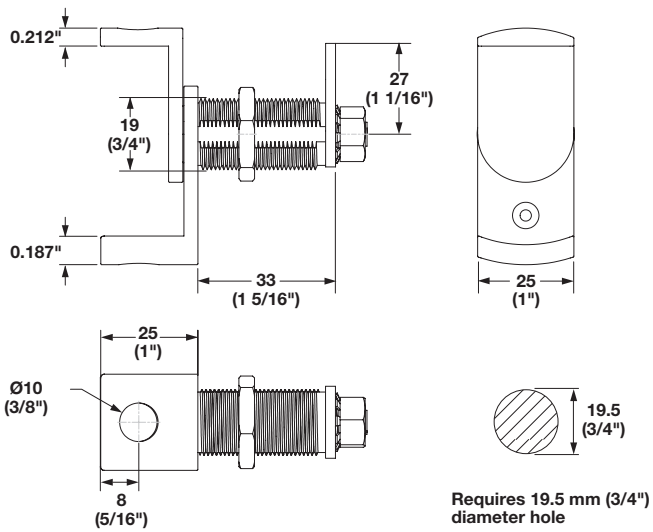
Offset Cams

Material: Steel; Finish: yellow chromate

Offset	Item No.
3 (1/8")	219.13.910
6 (1/4")	219.13.930
9 (3/8")	219.13.950

Note
Order separately to replace straight cams

Total combined thickness plus gap = 0.444"



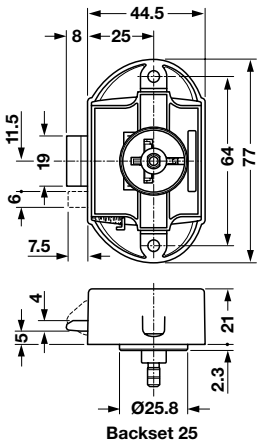
Requires 19.5 mm (3/4") diameter hole

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Push Button Locks

- Well suited for the recreation or boating industry
- Locks operate by push button without a key
- All push button locks can be used in wet areas
- When locked there is no protrusion of the knob
- Push-Lock featuring push-button locking mechanism, used as a deadbolt lock for doors or drawers



Backset 25

Flat Head #6

Push-Lock

- Screw-mounted
- Order push-button knobs and rosettes separately

Material: Plastic

Finish/Color	Item No.
nickel-plated, matt	211.63.600
white	211.63.700
brown	211.63.100

Material: Zinc alloy

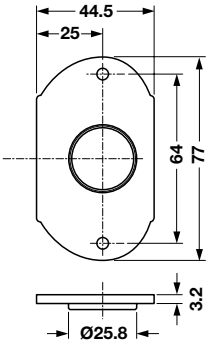
Finish	Item No.
nickel matt	211.63.620

Shim

- Placed between lock and inside of door
- Eliminates the need for different rosette heights

Material: Plastic

Color	Item No.
white	211.60.991



Flat Head #5

Push-Lock

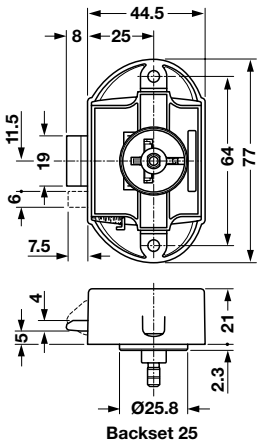
- Profile rod version
- For Ø6 mm profile rod
- For left or right-hand door application
- 25 mm backset
- Order push-button knobs and rosettes separately

Material: Plastic

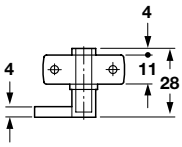
Finish/Color	Item No.
nickel, matt	225.22.603
brown	225.22.103

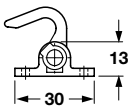
Supplied With
Pair catch hooks

Note
Profile rod locks come with a pair of color-coordinated catch hooks:
Matt nickel locks, plastic
Brown locks, plastic
Shim is used in conjunction with rosette for 19 mm (3/4") material – see next page
For 16 mm (5/8") material – use 1 pc. shim
For 13 mm (1/2") material – use 2 pcs. stacked together



Backset 25





Rod, guides, locking bolts Page 10.37

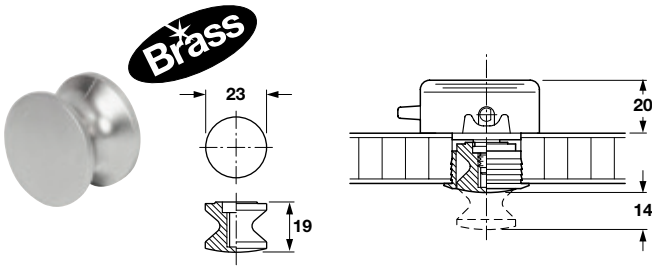
Dimensional data not binding. We reserve the right to alter specifications without notice.

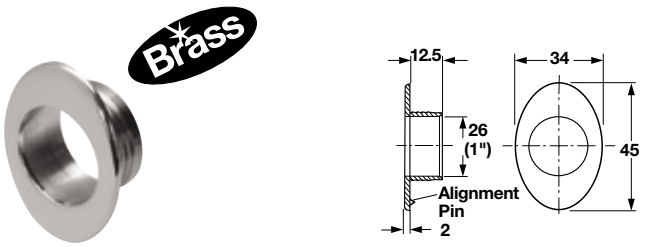
10

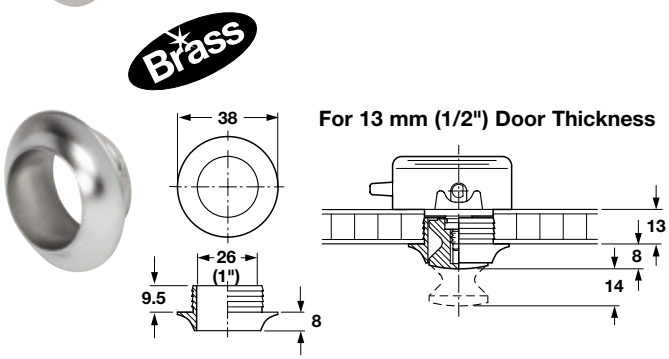
Dimensions in mm
Inches are approximate

Push-Button Knobs and Rosettes

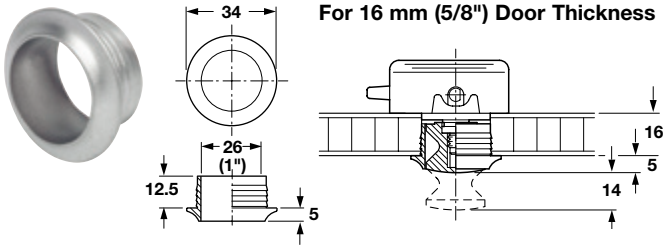
- Solid brass
- Meets 96 hour salt spray test
- Proper protection should be placed over rosettes before pounding in to prevent marring
- Oval rosettes include alignment pin to keep rosette from twisting



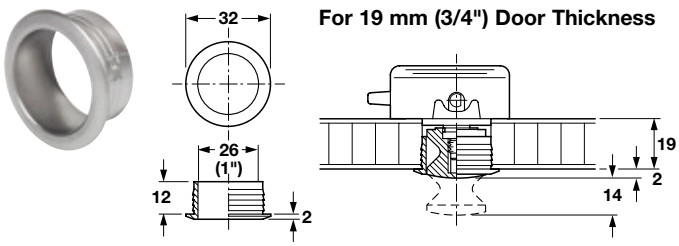




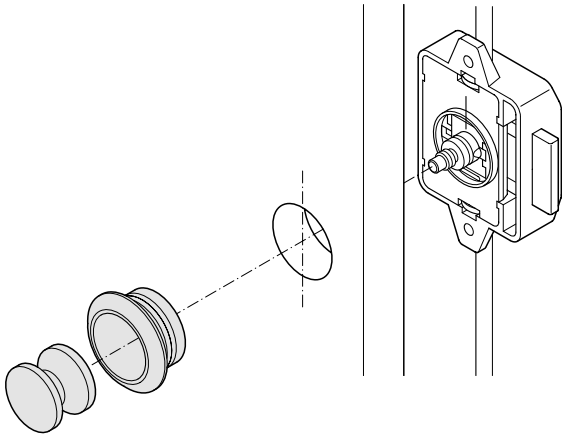
For 13 mm (1/2") Door Thickness



For 16 mm (5/8") Door Thickness



For 19 mm (3/4") Door Thickness



Push-button Knob

- For 13–19 mm (1/2"–3/4") door thickness

Material: Brass, plated, lacquered

Finish	Item No.
brass polished	229.10.820
chrome polished	229.10.220
nickel-plated, matt	229.10.320
black nickel	229.10.620

Rosette, oval

- For 19 mm (3/4") door thickness
- For 16 mm (5/8"), or 13 mm (1/2") material, use shim
- Use Ø26 mm (1") drill bit

Material: Brass, plated, lacquered

Finish	Item No.
nickel-plated, matt	229.11.740

Rosette, round

- For 13 mm (1/2"), 16 mm (5/8"), or 19 (3/4") door thickness
- Use Ø26 mm (1") drill bit

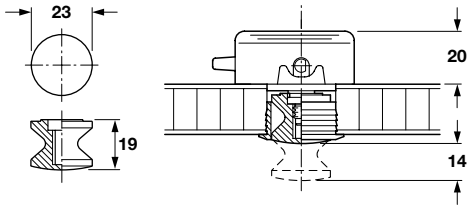
Material: Brass, plated, lacquered

Finish	13 mm (1/2")	16 mm (5/8")	19 mm (3/4")
brass polished	–	229.11.815	229.11.820
chrome polished	229.11.210	229.11.215	229.11.220
nickel-plated, matt	229.11.310	229.11.315	229.11.320
black nickel	–	–	229.11.620

Shim Page 10.58

Dimensional data not binding. We reserve the right to alter specifications without notice.

Push-Button Knobs and Rosettes



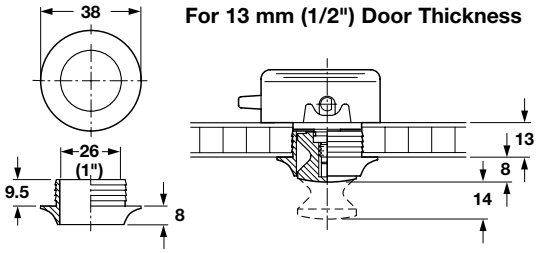
Push-button Knob

- For 13–19 mm (1/2"–3/4") door thickness

Material: Plastic, electro-plated

Finish/Color	Item No.
nickel-plated matt	229.01.677
brass-plated polished	229.01.873
chrome-plated polished	229.01.270
black	229.00.652

For 13 mm (1/2") Door Thickness



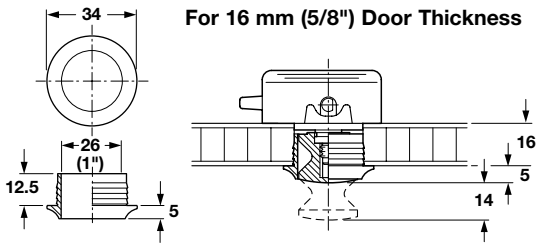
Rosette, round

- For 13 mm (1/2"), 16 mm (5/8"), or 19 (3/4") door thickness
- Use Ø26 mm (1") drill bit

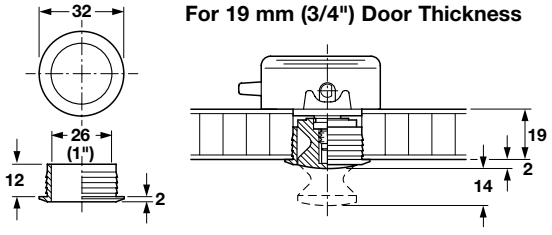
Material: Plastic, electro-plated

Finish	13 mm (1/2")	16 mm (5/8")	19 mm (3/4")
nickel-plated matt	229.03.608	229.03.617	229.03.626
brass-plated polished	–	–	229.03.822
chrome-plated polished	–	–	229.03.220
black	–	–	229.02.670

For 16 mm (5/8") Door Thickness



For 19 mm (3/4") Door Thickness

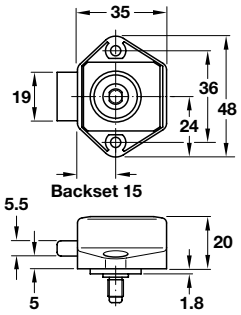


10

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Mini Push-Button Knobs and Rosettes



Flat Head #6

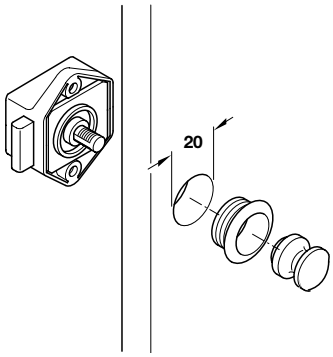
Push Lock

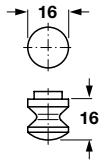
- Applicable for left or right hand
- Backset: 15 mm

Material: Plastic

Finish	Item No.
nickel-plated matt	211.61.606

Note
Order knobs and rosettes separately



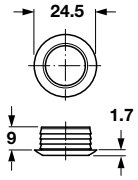


Knob and Rosette

- For 16 mm (5/8") material only

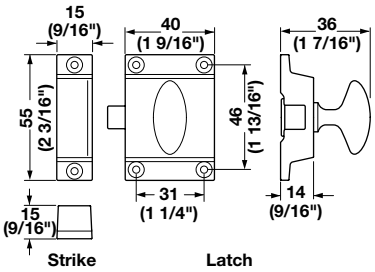
Material: Plastic; Finish: nickel-plated matt

Description	Item No.
push-button knob	229.07.606
rosette	229.09.600



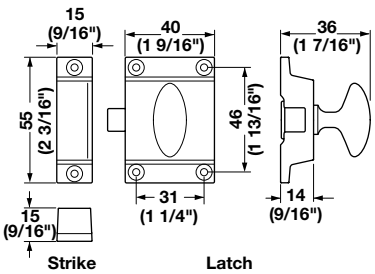
Dimensional data not binding. We reserve the right to alter specifications without notice.

Cupboard Latches



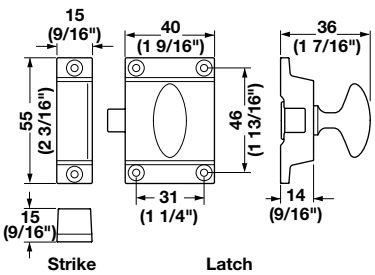
Material: Iron

Finish	Item No.
oil-rubbed bronze	252.81.101



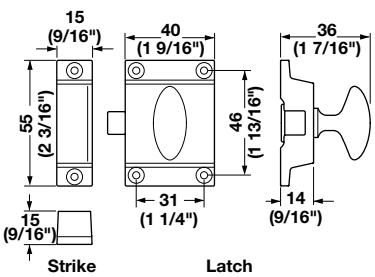
Material: Iron

Finish	Item No.
satin nickel	252.81.601



Material: Iron

Finish	Item No.
polished nickel	252.81.701



Material: Iron

Finish	Item No.
polished chrome	252.81.201

Supplied With
Mounting screws

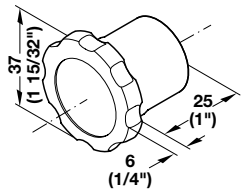
10

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Magnetic Safety Lock

- For all types of doors 16 – 24 mm (5/8" – 15/16") thick, particularly suitable as child protection
- The magnetic door opener unlocks the bolt so that the door can be opened
- The door lock consists of rim lock, strike, and pin extension
- Hold open bar can be used to place lock in passage (unlocked) mode



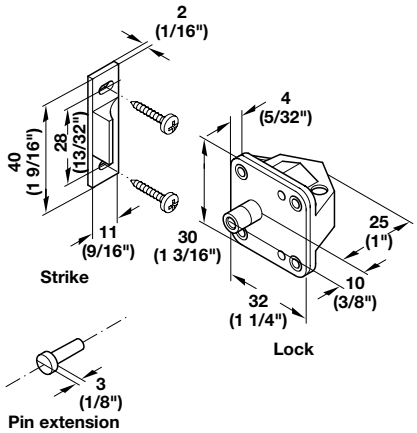
Magnetic door opener

Pan Head #5

Magnetic Door Opener

Material: Plastic

Color	Item No.
white	245.41.799



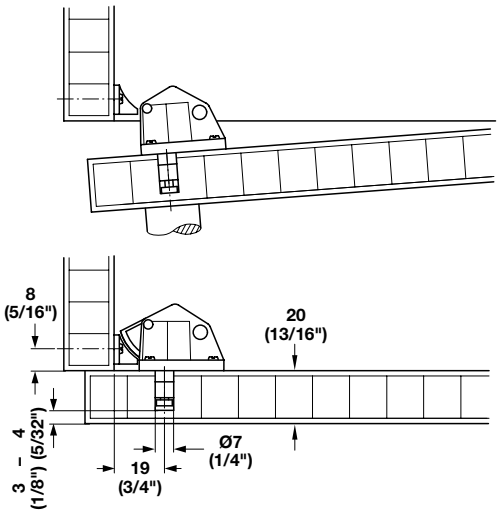
Magnetic Door Lock

Material: Plastic; Color: white
Hold open bar: Steel

	Item No.
	245.41.791

Supplied With
Lock
Strike
Extension rim
Hold open bar

Function



Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Combination Locks
National Lock – DualAxess

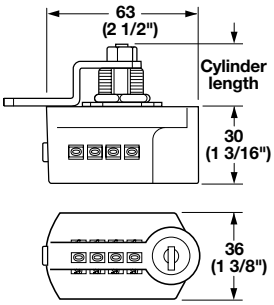
The DualAxess combination lock replaces standard cam locks to allow keyless access using your own personal code. The lock retrofits into an existing 3/4" hole, and can be mounted vertically or horizontally on flush, overlay, or lipped/overlay applications. Attach the provided cam for 90° latching in any direction.

- Open using either a combination or override key
- Once unlocked, rotate the housing 90° clockwise to unlatch
- Combination can only be changed with the override key and current combination
- 10,000 possible combinations are available using any four-digit number

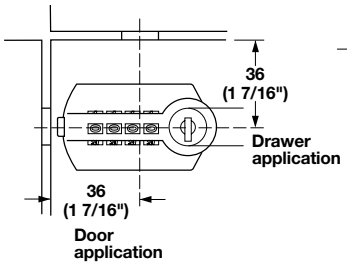
To unlock using combination:
Turn wheels until correct combination appears in the combination windows. Press button, and rotate housing to unlatch. Scramble wheels to lock.

To unlock using key:
Insert key into lock plug and rotate 90° clockwise. Rotate housing to unlatch. Important: Rotate key 90° counterclockwise to lock.

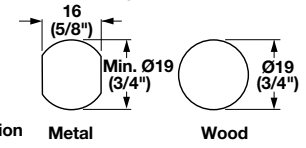
Changing the combination:
1. Set to correct combination
2. Insert key and turn 90° clockwise to unlock
3. Remove the key
4. Insert the end of a large paper clip and push all the way in against the spring
5. While pressing and holding the paper clip against the spring tension, spin the dials to the new code in the combination windows
6. Remove paper clip and record the new combination
7. Insert key and turn 90° counterclockwise
8. Remove the key and press button to verify the new combination



Recommended hole locations

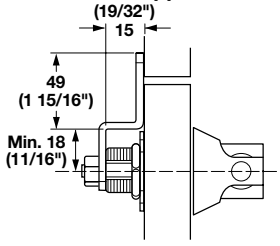


Recommended mounting hole dimensions

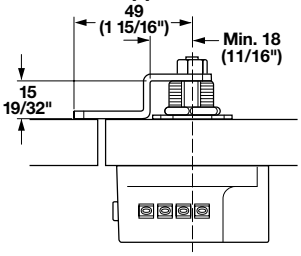


Note: Do not use spur washer with metal door or drawer.

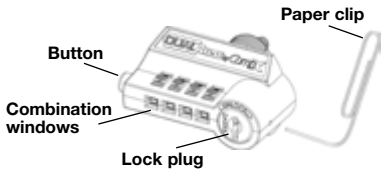
Flush drawer application



Flush door application



Dimensions in mm
Inches are approximate



Keyless Cam Lock

- For right hand, left hand, or drawer applications
- Cam travels 90° and can be re-oriented

Material: Lock housing: die-cast
Cylinder: Brass

Cylinder length	National No.	Item No.
22 (7/8")	D8030-DA124	235.62.300
35 (1 3/8")	D8031-DA124	235.62.301

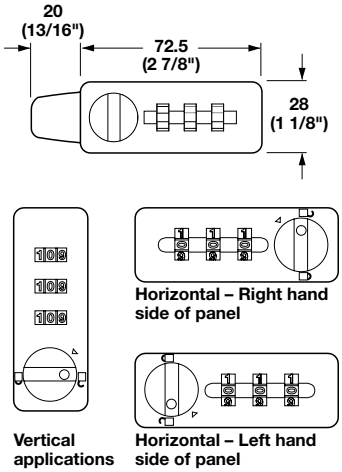
Supplied With
2 keys
Straight cam
Offset cam
Spacer
Spur washer
Cylinder nut
2 screws

10

Dimensional data not binding. We reserve the right to alter specifications without notice.

Combination Locks
Combi-Code Locks

- 3 dials replace the need for keys
- Private containers are secure with your own personal code
- The code can be changed and reset
- Available in horizontal or vertical orientation, with or without key override function
- With code scrambling and override key
- Cam travel is 180°, and can be re-oriented



Code Scrambling Feature:
After opening or closing the lock, the dials automatically scramble – no one can see the code.

Code Scrambling with Key Override:
After opening or closing the lock, the dials automatically scramble hiding the secret code. The overriding key opens the lock without having to know the code (if the code is forgotten). For instance, service people can open the locker to exchange towels, yet the code remains secret.

Each lock comes with instructions explaining how to set personal code.

For thin materials such as metal, glass, etc. please see back plate adapter below.

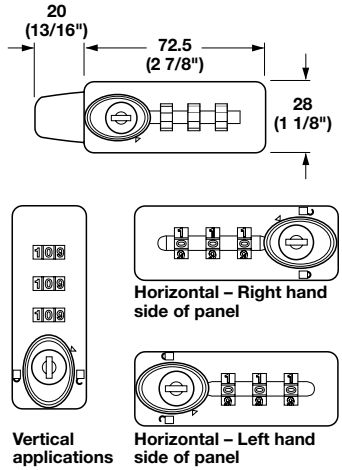
Combi-Code Lock 1157

- For wood thickness: 13 mm (1/2") – 19 mm (3/4")

Material: Polyamide glass fiber reinforced
Polyamide; Color: black; Cam: Steel, galvanized

Orientation	Item No.
horizontal – right	231.16.300
horizontal – left	231.16.301
vertical	231.16.302

Supplied With
Straight cam with snap ring for attaching cam
Back plate
2 mounting screws
Installation instructions



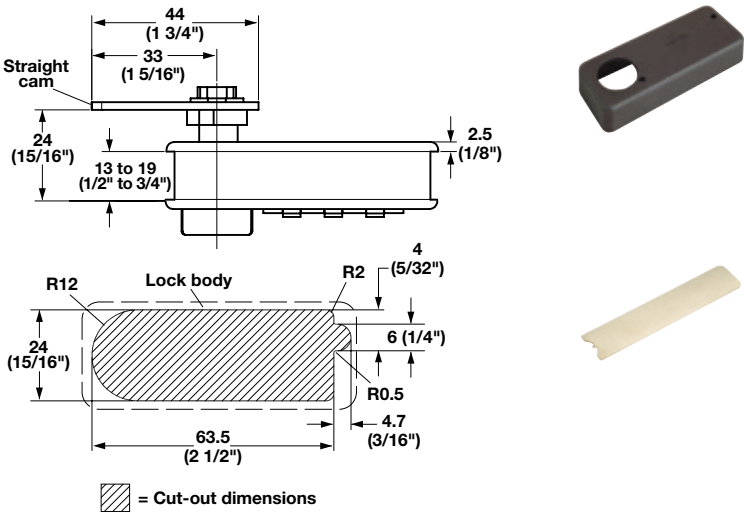
Combi-Code Lock 1153

- For wood thickness: 13 mm (1/2") – 19 mm (3/4")

Material: Polyamide glass fiber reinforced
Polyamide; Color: black; Cam: Steel, galvanized

Orientation	Item No.
horizontal – right	231.16.310
horizontal – left	231.16.311
vertical	231.16.312

Supplied With
2 keys
Straight cam with snap ring for attaching cam
Back plate
2 mounting screws
Installation instructions



Back Plate Adapter

- Used for installation in metal, glass, or plastic
- For thickness: 1 mm (3/64") – 9 mm (3/8")

Material: Polyamide glass fiber reinforced

Color	Item No.
black	231.16.399

Combi-Code Codefinder

- Small plate that can be inserted beside each combination wheel to detect lost code

Material: Steel

	Item No.
	231.16.999

Dimensional data not binding. We reserve the right to alter specifications without notice.

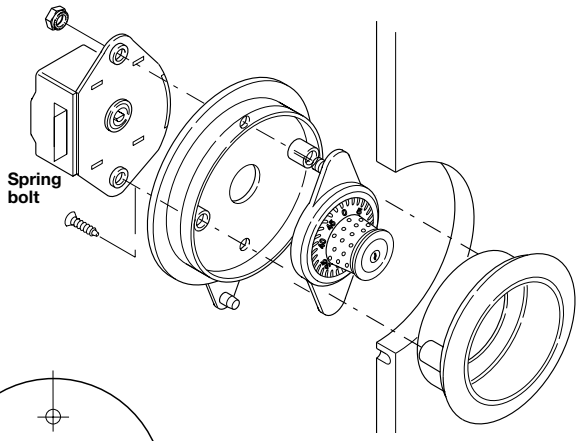
10

Dimensions in mm
Inches are approximate

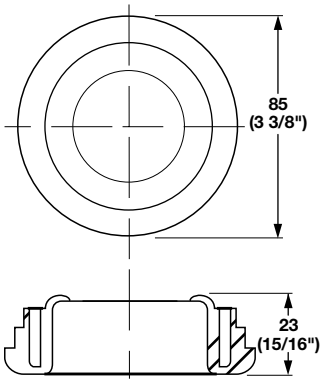
Combination Locks
Mastercombi Locker Locks

Specially designed for Häfele. This trim piece, used in combination with the Mastercombi Lock, creates a clean professional look in wood doors.

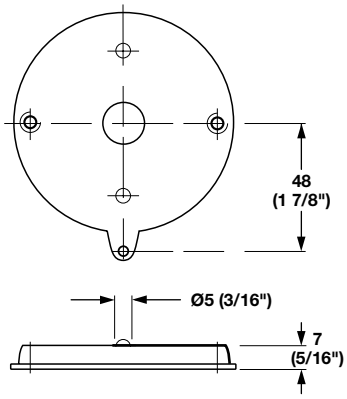
Mastercombi in connection with a Häfele Flush Handle for installation in wood doors 19 mm (3/4") thick.



Flat Head #6



Covering plate



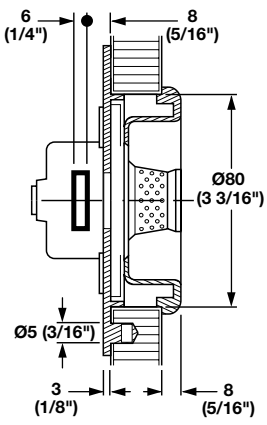
Mounting plate

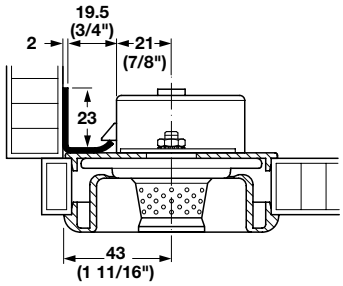
Special Flush Handle

Material: Nylon

Color	Item No.
black RAL 9005	231.14.300

Note
Special Strike Plate required, order below



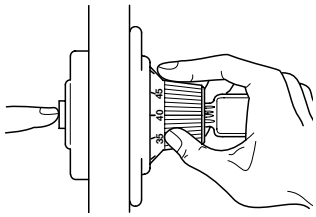


Special Strike Plate

- For Mastercombi installations in wood doors

Material: Steel

Finish	Item No.
nickel-plated	231.13.706



Setting a new combination on the Mastercombi:
Turn the number dial at least one full turn clockwise, and then set "0" to the red mark. Insert control key and turn 90° clockwise. The spring bolt is now retracted and the door can be opened. Now depress and hold in the spring-loaded button on the rear of the lock housing. At the same time turn the number dial with the other hand 2 divisions clockwise to the "48" mark. Now release the spring-loaded button. Continue turning the dial clockwise until the adjusting spring can be heard to engage. The next combination is now set. Lock the cabinet door and withdraw the control key. Remember to register the new combination.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

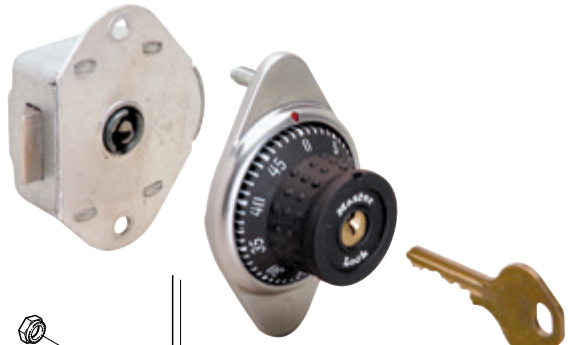
Combination Locks

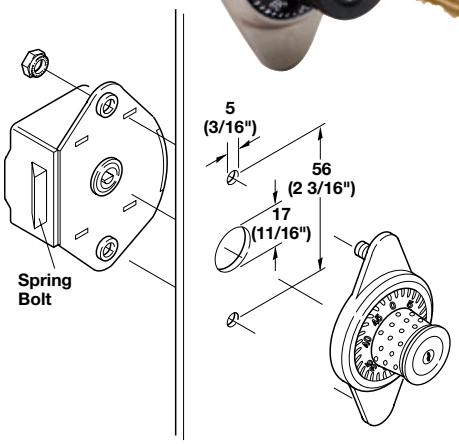
Mastercombi Locker Locks

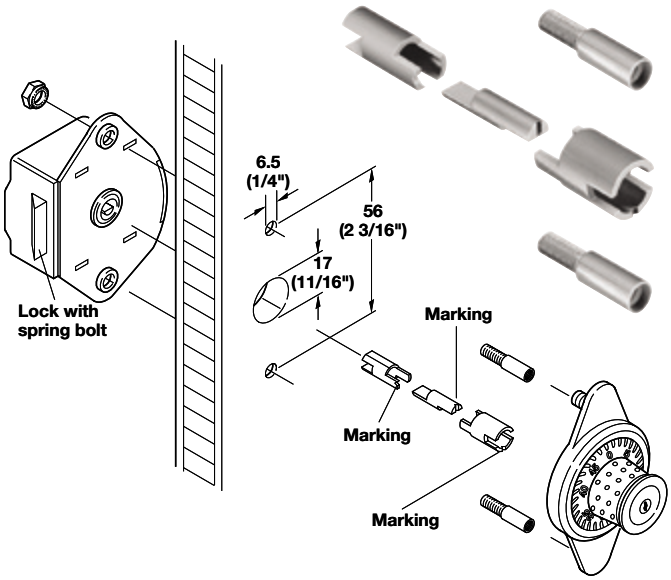
- Mastercombi combination locks are suitable for safe deposit boxes, wardrobes and lockers
- The rust protected steel lock housing is theft-proof and sturdy with rust-proof internal elements
- A high security system as each lock comes with 5 different, pre-programmed, 3 digit number combinations
- Please order left or right lock per diagram below

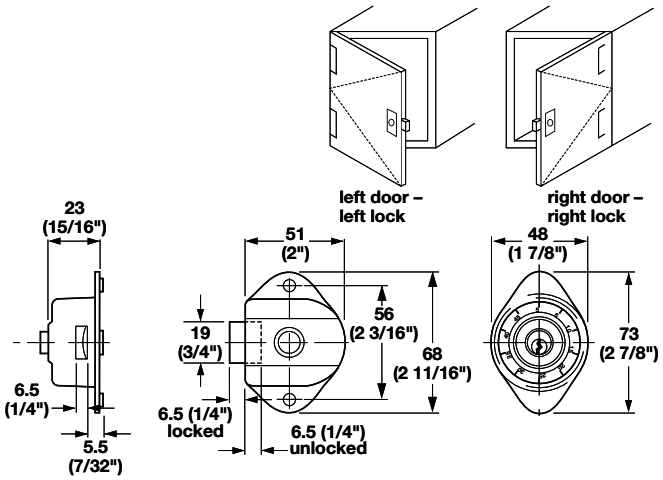
Note
Different combinations can not be chosen or programmed by end user. Control key is required to set a new combination (order separately)

Mastercombi for the installation in metal doors up to 3 mm (1/8") thick. For wood doors see extension set below.









Mastercombi Lock

- With 5 different, pre-programmed safety combinations and control key function (order separately)
- With "easy grip and pull" handle
- With spring bolt

Material: Lock housing: Steel, galvanized and chromatized
Housing cover: Stainless Steel, rustproof
Rotary knob: Plastic; Color: black
Cylinder: Brass

Handing	Item No.
left	231.13.055
right	231.13.000

Supplied With
2 nuts
2 integrated lock washers

Control Key for Mastercombi

- Order separately

	Item No.
	231.13.091

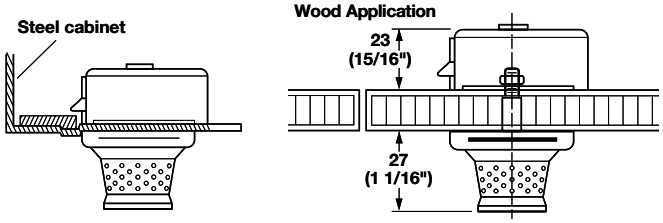
Extension Set for Mastercombi

- Allows for installation in wood doors from 17.5 mm (11/16") – 19 mm (3/4") thick

Material: Lock housing: Steel

Finish	Item No.
galvanized and chromatized	231.14.950

Supplied With
Locking pin
Cylinder pin
Driver extension
2 screw extensions



Strike plates pages 10.53-10.54

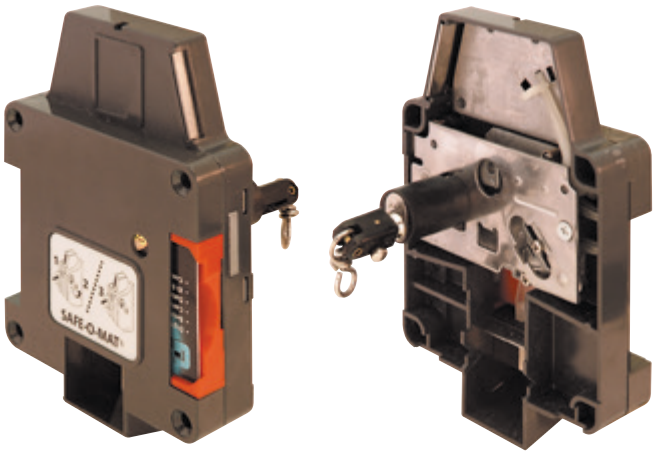
Dimensional data not binding. We reserve the right to alter specifications without notice.

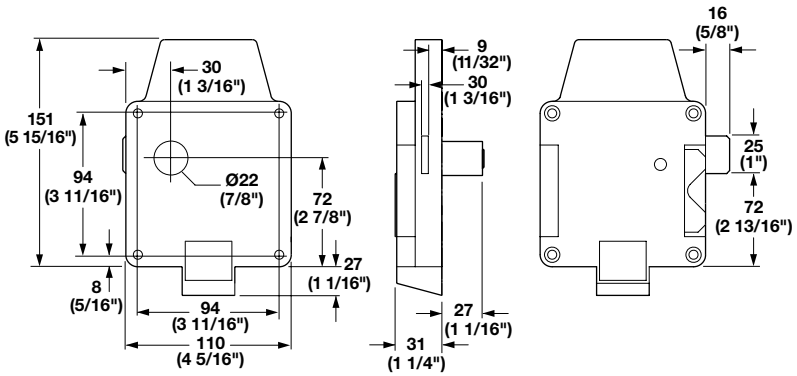
SAFE-O-MAT® 500 Series – Card

- For use on wood, laminate and plastic lockers

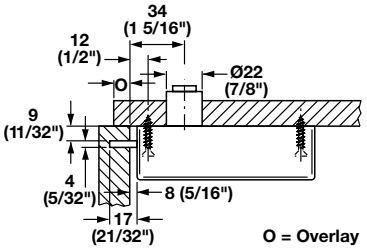
Areas of Application

- Fitness Centers
- Medical Facilities
- Hospitality

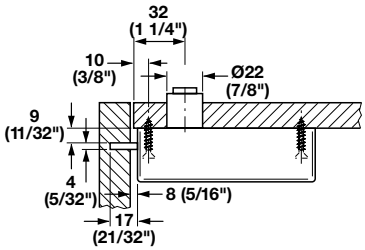




Overlay Installation



Inset Installation



For door thickness: 13–26 mm (1/2"–1")
Minimum cabinet width: 140 mm (5 1/2")

To Lock
1. Insert card into slot
2. Close door, turn key to extend bolt
3. Remove key

To Unlock
Insert and turn key to retract bolt, card can be removed, key is again trapped.

Technical Data

Size (L × H × W)	110 mm × 178 mm × 58 mm (4 5/16" × 7 1/8" × 2 1/4")
Weight	350 g (12 oz.)
Temperature	0°C – 60°C (32ºF – 140ºF)
Humidity	10% – 95% (non-condensing)

Flat Head #8

Card Lock

- Available in Left Hand and Right Hand orientation

Material: Plastic

Color	Item No.
gray	231.53.50X

Supplied With
4 mounting screws
Outside instruction decal

Note
Facility can either provide their own card or order the ID cards listed below.
Screw length depends on door thickness.

ID Card

- Punched for card lock 3 3/8" × 2 1/8"

Material: Plastic

Color	Item No.
white	231.53.500.X

Note
Please contact Häfele at 1-800-423-3531 and have the following information available:
"Handing" specifications
Key Plan specifications

Each Lock requires (sold separately):
Cylinder core and user key

Every Order requires (sold separately):
Cylinder change (removal) key, and 1 Master key

For all applicable Mounting/Programming Instructions and Specifications please visit **www.hafele.com**.

Card Punch

- Used by facility to punch a specific hole in membership cards for insertion into SAFE-O-MAT® 500 Card Lock

Material: Steel

Finish	Item No.
chrome-plated	231.53.999

Note
Membership cards not included

Accessories Page 10.73

Dimensional data not binding. We reserve the right to alter specifications without notice.

10

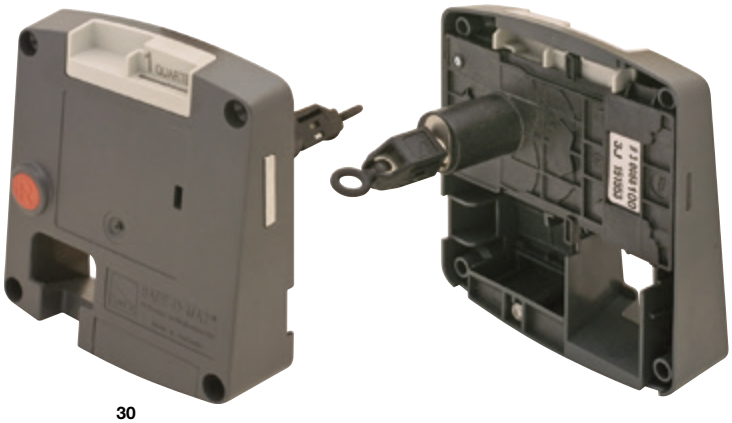
Dimensions in mm
Inches are approximate

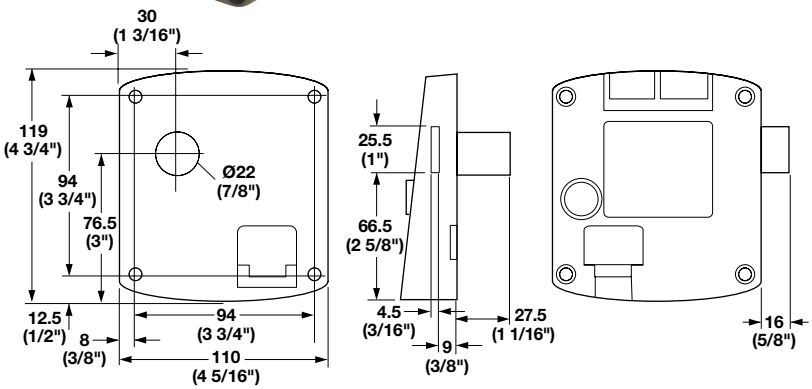
SAFE-O-MAT® 800 Series – Coin Return

- For use on wood, laminate and plastic lockers

Areas of Application

- Fitness Centers
- Amusement Parks
- Resorts
- Transportation Terminals





To Lock

1. Insert card into slot
2. Close door, turn key to extend bolt, coin is temporarily retained
3. Remove key

To Unlock

Insert and turn key to retract bolt, coin is returned to Coin Return Catch

Technical Data

Size (L × H × W)	110 mm × 119 mm × 57.5 mm (4 5/16" × 4 3/4" × 2 1/4")
Weight	225 g (8 oz.)
Temperature	0°C – 60°C (32°F – 140°F)
Humidity	10% – 95% (non-condensing)
Currency	1 quarter, US

Coin Return Lock

Material: Plastic

Color	Item No.
gray	231.53.81X

Supplied With

4 mounting screws
Outside instruction decal

Flat Head #8

Note

Screw length depends on door thickness.
Other currency or token locks available upon request.

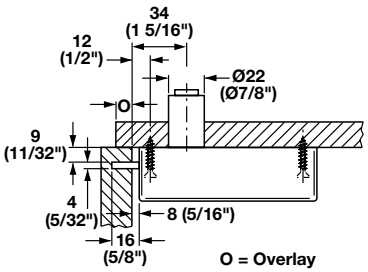
Please contact Häfele at 1-800-423-3531 and have the following information available:
"Handing" specifications
Key Plan specifications

Each Lock requires (sold separately):
Cylinder core and user key

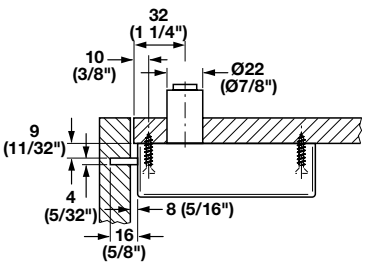
Every Order requires (sold separately):
Cylinder change (removal) key, and 1 Master key

For all applicable Mounting/Programming Instructions and Specifications please visit **www.hafele.com**.

Overlay Installation



Inset Installation



For door thickness: 13 – 26 mm (1/2"–1")
Minimum cabinet width: 140 mm (5 1/2")

Dimensional data not binding. We reserve the right to alter specifications without notice.

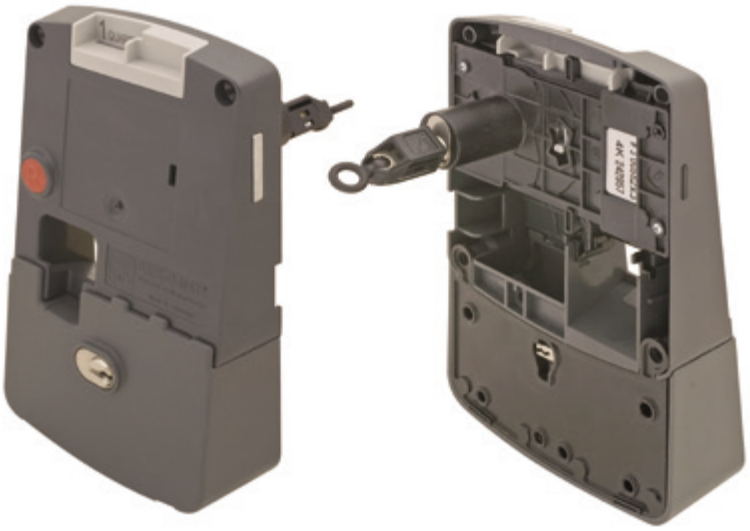
Accessories Page 10.73

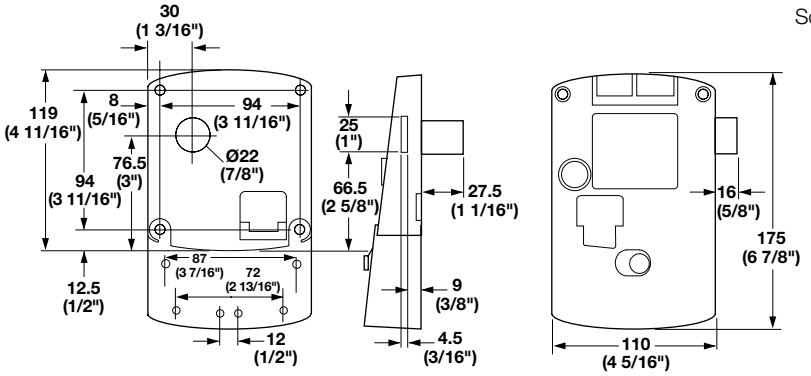
SAFE-O-MAT® 800 Series – Coin Collect

- For use on wood, laminate and plastic lockers

Areas of Application

- Fitness Centers
- Amusement Parks
- Resorts
- Transportation Terminals





To Lock

1. Insert coins into slot
2. Close door and turn key to extend bolt, coin is temporarily retained
3. Remove key

To Unlock

1. Insert and turn key to retract bolt, coins fall into Cash Box

Technical Data

Size (L × H × W)	110 mm × 175 mm × 58 mm (4 5/16" x 6 7/8" x 2 1/4")
Weight	600 g (21 oz.)
Temperature	0°C to 60°C (32ºF to 140ºF)
Humidity	10% to 95% (non-condensing)
Currency	2 quarters, US
Cash box capacity	40 quarters

Note

Other currency or token locks available upon request.

Coin Collect Lock

- Available in Left Hand and Right Hand orientation

Material: Plastic; Cash box: Steel

Color	Item No.
gray	231.53.86X

Supplied With

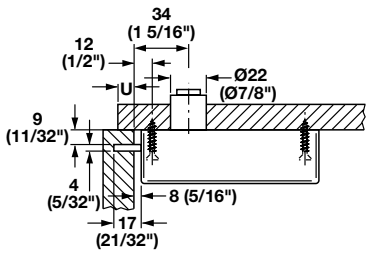
4 mounting screws
Outside instruction decal per pc.

Flat Head #8

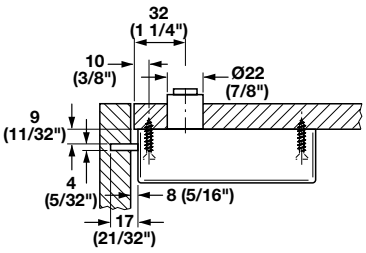
Note

Screw length depends on door thickness.

Overlay Installation



Inset Installation



For door thickness: 13 – 26 mm (1/2" – 1")
Minimum cabinet width: 140 mm (5 1/2")

Note

Please contact Häfele at 1-800-423-3531 and have the following information available:
"Handing" specifications
Key Plan specifications

Each lock requires (sold separately):

Cylinder core and user key
Cash box

Every order requires (sold separately):

Cylinder change (removal) key
Master key
Cash box key

For all applicable Mounting/Programming Instructions and Specifications please visit **www.hafele.com**.

Accessories Page 10.73

Dimensional data not binding. We reserve the right to alter specifications without notice.

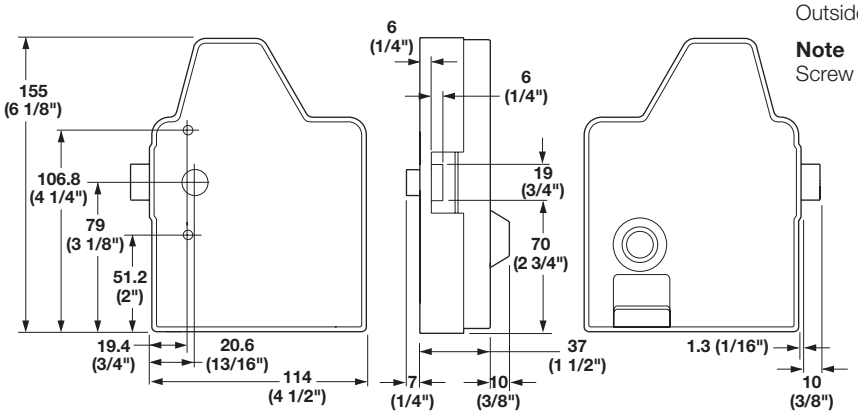
Dimensions in mm
Inches are approximate

SAFE-O-MAT® S-6 – Coin Return

- For metal locker applications

Areas of Application

- Fitness Centers
- Amusement Parks
- Resorts
- Sports-Arenas
- Transportation Terminals



To Lock

1. Insert coin(s)/token into slot
2. Close door and turn key to extend bolt, coin(s)/token is temporarily retained
3. Remove key

To Unlock

1. Insert and turn key to retract bolt, coin(s)/token are returned to Coin Return Catch

Technical Data

Size (L × H × W)	114 mm × 155 mm × 54 mm (4 1/2" x 6 1/8" x 2 1/8")
Weight	650 g (1 lb. 7 oz.)
Temperature	0°C to 60°C (32°F to 140°F)
Humidity	10% to 95% (non-condensing)
Currency	1, 2 quarters, US
Cash box capacity	40 quarters

Note

Other currency or token locks available upon request.

Coin Return Lock

- For metal lockers
- Right hand orientation only
- Locks set to deadbolt function

Material: Plastic; Color: gray

	Item No.
1 token	231.53.54X
1 coin	231.53.82X
2 coins	231.53.83X

Supplied With

4 mounting screws
Outside instruction decal

Flat Head #8

Note

Screw length depends on door thickness.

Note

Please contact Häfele at 1-800-423-3531 and have the following information available:
Key Plan specifications

Every order requires (sold separately):

Master key

For all applicable Mounting/Programming Instructions and Specifications please visit **www.hafele.com**.

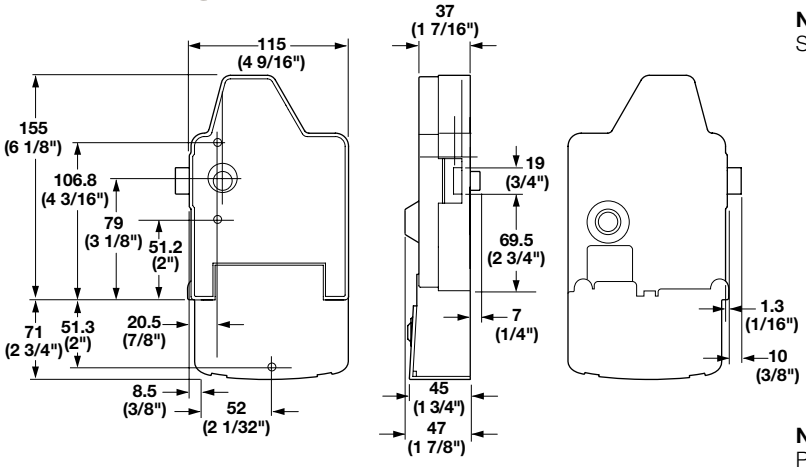
Dimensional data not binding. We reserve the right to alter specifications without notice.

SAFE-O-MAT® S-6 – Coin Collect

- For metal locker applications

Areas of Application

- Fitness Centers
- Amusement Parks
- Resorts
- Sports-Arenas
- Transportation Terminals



To Lock

1. Insert coin(s)/token into slot
2. Close door, turn key to extend bolt, coin(s)/token are retained
3. Remove key

To Unlock

1. Insert and turn key to retract bolt, coin(s)/token fall into Cash Box

Technical Data

Size (L × H × W)	115 mm × 226 mm × 54 mm (4 9/16" × 8 7/8" × 2 1/8")
Weight	1200 g (2 lbs. 10 oz.)
Temperature	0°C to 60°C (32ºF to 140ºF)
Humidity	10% to 95% (non-condensing)
Currency	1, 2 quarters, US
Cash box capacity	40 quarters

Note

Other currency or token locks available upon request.

Coin Collect Lock

- For metal lockers
- Right hand orientation only
- Locks set to deadbolt function

Material: Plastic; Color: gray; Cash box: Steel

	Item No.
1 token	231.53.59X
1 coin	231.53.87X
2 coins	231.53.88X

Supplied With

3 mounting screws
Outside instruction decal

Flat Head #8

Note

Screw length depends on door thickness.

Note

Please contact Häfele at 1-800-423-3531 and have the following information available:
Key Plan specifications

Each lock requires:

Cylinder core and user key (included)
Cash box (sold separately)

Every order requires (sold separately):

Master key and 1 cash box key

For all applicable Mounting/Programming Instructions and Specifications please visit **www.hafele.com**.

SAFE-O-MAT® Tokens Page 10.73

Dimensional data not binding. We reserve the right to alter specifications without notice.

SAFE-O-MAT®
Accessories

Torx® # 20 Security Screwdriver

- For use with special Torx® security screws

Material: Steel; Handle: Plastic

Color	Item No.
red/black	231.49.920

Screwdriver Set

Color	Item No.
black	006.40.387

Supplied With
Black canvas pouch
Driver
Magnetic bit holder
Extension bit holder
8 bits

SAFE-O-MAT Token

- For use with all SAFE-O-MAT® token locks
Ø26 mm (1 1/16")

Material: Brass, polished

	Item No.
	231.53.998

Locker Number Decal

- Use with SAFE-O-MAT® wood, laminate & plastic locks
- Self-adhesive applied

W x D x H: 60 mm (2 3/8") × 115 mm (4 9/16")

Material: Plastic; Color: gray

Lock	Item No.
blank	231.53.95X
with numbers	231.53.96X

Key Number Set

- For use with SAFE-O-MAT® S-6 metal locker locks
- Inserted into user keys

W x D x H: 145 mm × 135 mm × 7 mm
(5 11/16" × 5 5/16" × 5/16")

Material: Plastic; Color: white

Numbers	Item No.
1–50	231.53.940
50–99	231.53.941
100–149	231.53.942
150–199	231.53.943
200–249	231.53.944

Note
Please specify numbering when ordering

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric and Electronic Cabinet Locking Systems

Battery Powered Devices for cabinet doors and drawers or room doors combine programming, control devices and locking devices in a standalone unit.

RF Pin Code devices
Pin Code devices:
– with fixed and changeable codes
– master codes or master keys for emergency or management access
Locks using RFID credentials as keys
Locks combining Pin Code and RFID options
– Cabinet locks - often used for lockers and metal casework

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
StealthLock

StealthLock electrically controls cabinet doors and drawers. It operates in passage or cycle modes, and is released with an RF controlled key pad transmitter.

Features

- One key pad transmitter can activate an unlimited number of locks within a 4.5 m (15 ft.) range
- Lock powered by 4–AAA batteries (not included)
- Low battery indicator on key pad transmitter and lock
- Meets ANSI/BIFMA 50 lbf. pull strength specifications
- Slim design mounts in 1/2" drawer suspension clearance
- For left or right hand operation
- Toggle lock or timed unlock delay

Areas of Application

- For interior use
- For installation in wood, laminate or plastic cabinets and drawers

Technical Data:

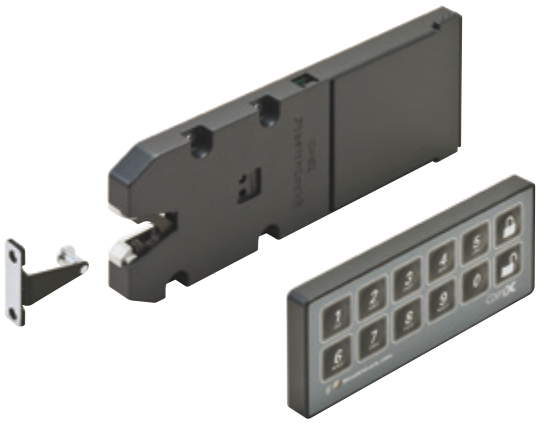
Tensile load limit:	445 N. (100 lbf.)
Environmental	
Operating temperature:	10° to 49° C (50° to 120° F)
Humidity (operating):	95%
Electrical	
Supply voltage:	6 VDC (4 – AAA batteries)
Connections:	Battery pack, self-contained
Battery Life:	4000 lock cycles
Standards Compliance	FCC

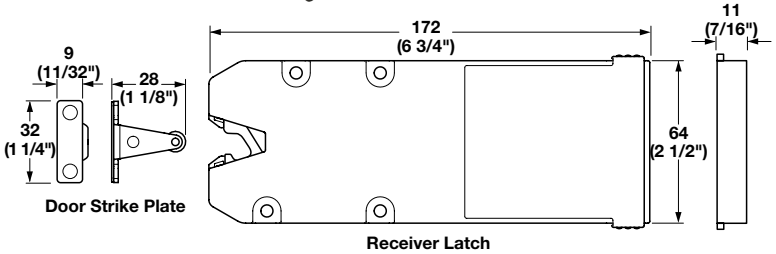
Solutions Available

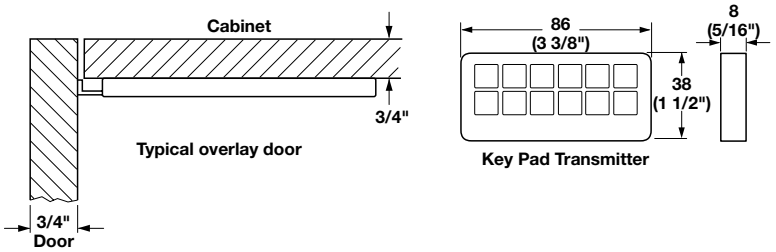
– Standard: For most general office or residential applications.*
– Dedicated: For projects; Ideal for assigned lockers and fitness lockers.**

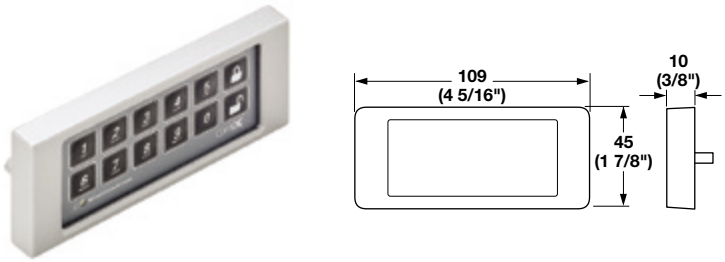
Modes Available – Both Solutions

– Self-Lock Mode (Cycle)
– Passage/Manual Lock Mode (toggle)
– Single Use Mode (day use)









Battery Powered RF Cabinet Lock Set

Material: Receiver Latch and Key Pad: Plastic
Door Strike Plate: Steel

Color	Item No.
black	237.56.350

Supplied With
Installation tool
Mounting screws
Instructions

Drywall Mounting Plate

- Allows mounting to any flat surface or wall

Material: Aluminum

Finish	Item No.
satin nickel	237.56.974

Supplied With
Mounting screws

Key Pad Mounting Plate

Material: Aluminum

Color	Item No.
gray	237.56.994

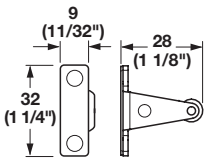
Note
Powered solution and emergency power available upon request.

Customized, pre-programmed locking systems available upon request.

Batteries Page 10.76

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
StealthLock Accessories



Door Strike Plate

Additional Door Strike Plate

Pan Head #8

Material: Steel

Color	Item No.
black	237.56.988

Additional Installation Tool

Material: Plastic

Color	Item No.
red	237.56.992

Key Pad Transmitter

Material: Plastic; Color: black

Version	Item No.
*standard	237.56.170
**dedicated	237.56.171

Supplied With
CR2032 coin battery

Battery Powered RF Cabinet Lock with Strike Plate

Material: Receiver Latch: plastic
Door Strike Plate: steel; Color: black

Color	Item No.
gray	237.56.352

Supplied With
Mounting Screws

Note
Programming cabinet lock 237.56.352 with dedicated key pad 237.56.171 will link or "marry" key pad and lock together for dedicated use.

Battery, Size AAA, 1.5V

Color	Item No.
black/gray	910.54.953

Supplied With
4 pcs.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems RegulatoR®

CompX RegulatoR is a lock used to electrically control cabinet doors, drawers and lockers. Depending on the model, this lock operates in an assigned use or in a single use mode. The lock is electrically released with a correct PIN code entered on the keypad.

Features - Self-locking

- Self-locking, featuring SlamCAM
- Spacers provide additional latching dimensions
- 50,000 cycles – 2 AAA batteries included
- Convenient external battery installation/removal
- Low battery indicator
- Three cylinder lengths – 7/16", 1-3/16", 1-3/4"
- Easy to clean membrane keypad
- 1 user code and 1 supervisor code
- Installs on wood or metal cabinet doors and drawers
- Lock complies with ADA standards for door locks
- Lock is easily programmed by user with easy to use keypad
- Lock mounts vertically for raised panel doors
- Designed to pass the ANSI/BIFMA 50 lbf. pull strength

Features - Manual locking

- 50,000 cycles – 2 AAA batteries included
- Convenient external battery installation/removal
- Low battery indicator
- Three cylinder lengths – 7/16", 1-3/16", 1-3/4"
- Uses existing CompX National cams with FlexaCam
- Single use mode
- Easy to clean membrane keypad
- 1 user code and 1 supervisor code
- Installs on wood or metal cabinet doors and drawers
- Lock complies with ADA standards for door locks
- Lock is easily programmed by user with easy to use keypad
- Lock mounts vertically for raised panel doors
- Designed to pass the ANSI/BIFMA 50 lbf. pull strength

RegulatoR is easy to use

- Two codes per lock: one user code and one supervisor code; code length is 4-8 digits
- Available in two versions — self-locking featuring SlamCAM and manual locking

RegulatoR is easy to maintain

- Low battery indicator
- 50,000 cycles; extended battery life reduces replacement and labor/maintenance costs
- Battery compartment is easily accessible from the outside of the cabinet

Specifications

- Long battery life (10 lock cycles per day for four years)
- Easy installation with only two drill points
- For left hand and right hand operation

Areas of Application

- Suitable for interior use
- Installation in wood, laminate, plastic and metal doors and drawers

Applications

- Cabinet doors or drawers
- Lockers
- Storage enclosures
- File cabinets
- Computer server racks

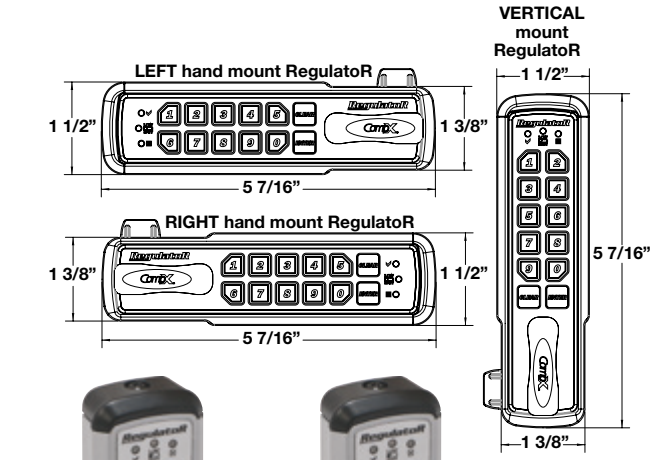
Markets

- Healthcare
- Schools/universities
- Laboratory
- Office furniture
- Retail displays

Operating Modes

- Single Use Mode (Manual Locking only)
  - Allows the user to choose their code at time of operation
  - Recommended for shared lockers or cabinets in a typical fitness locker room application
- Assigned Use Mode (Manual Locking and Self-Locking)
  - Allows for group access to the lock

Cylinder Length	Max. Material Thickness
7/16"	1/8"
1-3/16"	7/8"
1-3/4"	1-7/16"



Manual Lock

Self Lock

Regulator Keypad Lock

Material: Lock body: Aluminum; Color: gray
Face plate: Plastic; Cam: Steel / Plastic

Lock Orientation	Handing	Cylinder Length	Manual Lock	Self-Lock
horizontal, lever on left	RH	7/16"	231.97.001	231.97.101
	RH	1-3/16"	231.97.003	231.97.103
	RH	1-3/4"	231.97.005	231.97.105
horizontal, lever on right	LH	7/16"	231.97.011	231.97.111
	LH	1-3/16"	231.97.013	231.97.113
	LH	1-3/4"	231.97.015	231.97.115
vertical, lever on bottom	RH/LH	7/16"	231.97.051	231.97.151
	RH/LH	1-3/16"	231.97.053	231.97.153
	RH/LH	1-3/4"	231.97.055	231.97.155

Supplied with:
Lock
1 straight cam, 1 offset cam or 1 SlamCAM
Jamb nut
4 screws
Washer
Mounting Instruction

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems

SAFE-O-TRONIC®

SAFE-O-TRONIC® access LS 100 is a lock used to electrically control cabinet doors, drawers and lockers. This lock operates in a day use mode. Lock is electrically released with a correct PIN code entered on the keypad.

Features

- Lock complies with ADA standards for door locks
- Programmable master code (5 digits) to operate the lock(s)
- Lock is easily programmed by user with easy to use keypad
- Lock mounts vertically for raised panel doors
- Lock powered by a 3-AAA battery pack (included) (item 231.98.210)
- Low battery indicator via external LEDs
- Designed to pass the ANSI/BIFMA 50 lbf. pull strength specification
- Long battery life (10 lock cycles per day for four years)
- Easy installation with only two drill points
- For left hand and right hand operation

Areas of Application

- Suitable for interior use
- Suitable for installation in wood, laminate, plastic and metal doors and drawers

Operating Modes

- Day Use Mode
  - Allows the user to choose their code at time of operation
  - Recommended for shared lockers or cabinets in a typical fitness locker room application

Technical Data

Tensile load limit	1000 N. (225 lbf.)
Environmental	
Operating temp.	-10° C to 65° C (14° F to 150° F)
Humidity (operating)	0 to 90%, non-condensing
Protection	IP 43
Electrical	
Supply voltage	4.5 VDC
Connections	Battery pack, self-contained
Battery Life	32,000 lock cycles
Standards Compliance	CE

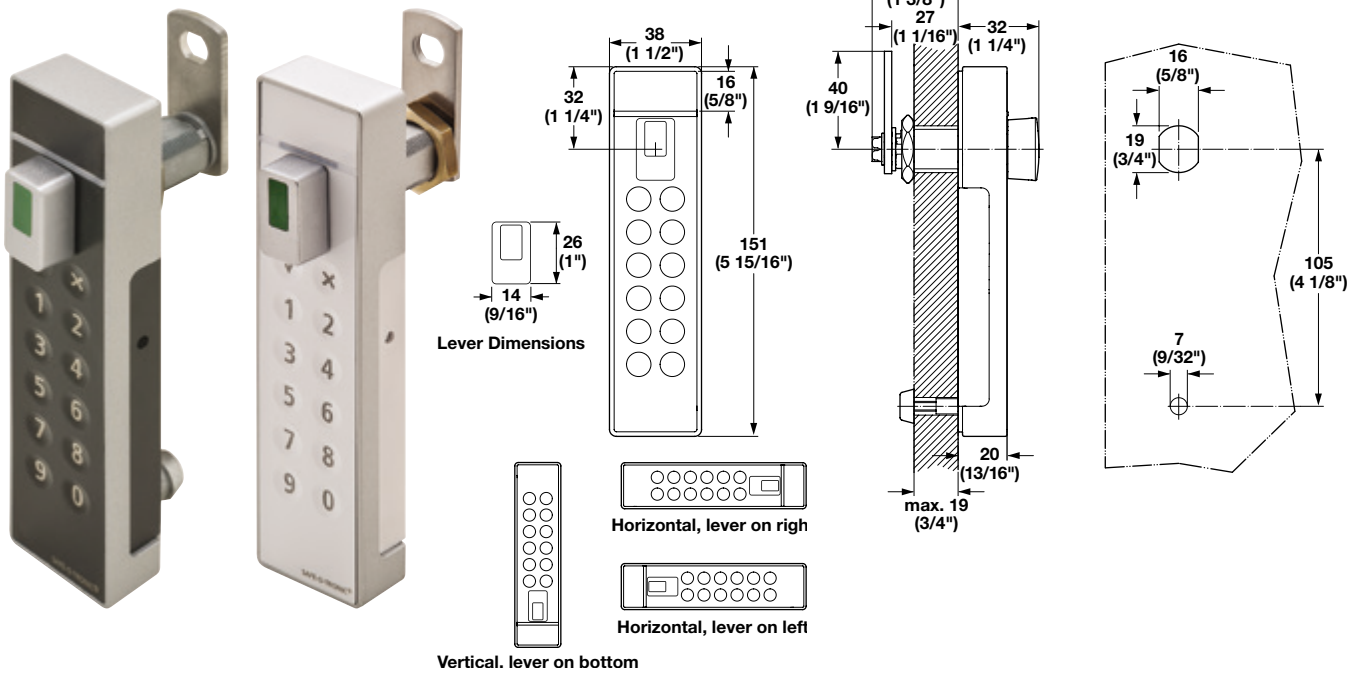
LS 100 Keypad Lock

Material: Lock body: Aluminum; Color: gray
Face plate: Plastic; Cam: Steel

Lock Orientation	Handing	Black	White
vertical, lever on top	RH/LH	231.98.000	231.98.005
vertical, lever on bottom	RH/LH	231.98.001	231.98.006
horizontal, lever on left	RH	231.98.002	231.98.007
horizontal, lever on right	LH	231.98.003	231.98.008

Supplied With

Nut
Straight cam
Mounting screw
Instructions



Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Battery Powered Electronic Locking Systems
SAFE-O-TRONIC®

SAFE-O-TRONIC® access LS 150 is a lock used to electrically control cabinet doors, drawers and lockers. This lock operates in a day use or fixed mode. Lock is electrically released with a correct PIN code entered on the keypad.

Features

- Lock complies with ADA standards for door locks
- Lock can be programmed with RFID FOBs for set up and emergency opening
- Lock is easily programmed by user with easy to use keypad
- Lock mounts vertically for raised panel doors
- Lock powered by a 3-AAA battery pack (included) (item 231.98.210)
- Low battery indicator via external LEDs
- Designed to pass the ANSI/BIFMA 50 lbf. pull strength specification
- Long battery life (10 lock cycles per day for four years)
- Easy installation with only two drill points
- For left hand and right hand operation
- One programming key set required for project

Areas of Application

- Suitable for interior use
- Suitable for installation in wood, laminate, plastic and metal doors and drawers

Operating Modes

- Day Use Mode
  - Allows the user to choose their code at time of operation
  - Recommended for shared lockers or cabinets in a typical fitness locker room application
- Fixed Use Mode
  - Allows management to set user codes
  - 99 user codes per lock possible
  - Assigned locker applications

Technical Data

Tensile load limit	1000 N. (225 lbf.)
Environmental	
Operating temp.	-10° C to 65° C (14° F to 150° F)
Humidity (operating)	0 to 90%, non-condensing
Protection	IP 43
Electrical	
Supply voltage	4.5 VDC
Connections	Battery pack, self-contained
Battery Life	32,000 lock cycles
Standards Compliance	CE

Note

LS 150 programming key set required for programming and master key operation (see below).

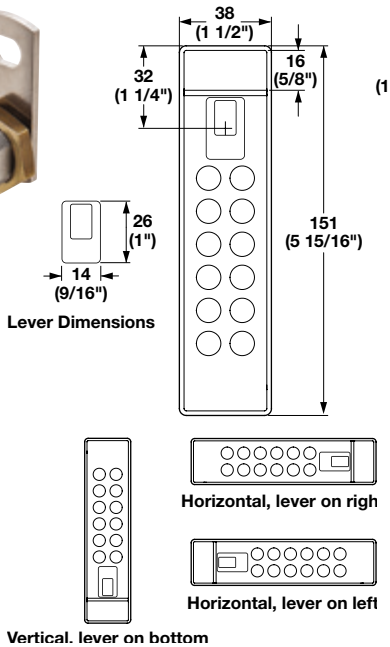
LS 150 Keypad Lock

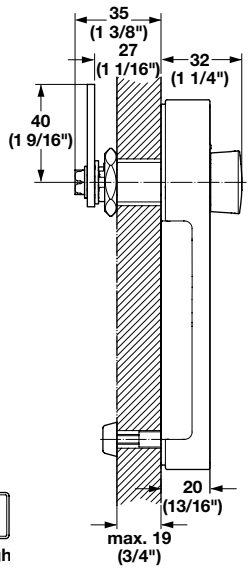
Material: Lock body: Aluminum; Color: gray
Face plate: Plastic; Cam: Steel

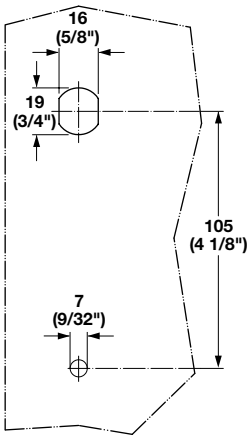
Lock Orientation	Handing	Black	White
vertical, lever on top	RH/LH	231.98.090	231.98.095
vertical, lever on bottom	RH/LH	231.98.091	231.98.096
horizontal, lever on left	RH	231.98.092	231.98.097
horizontal, lever on right	LH	231.98.093	231.98.098

Supplied With

Nut
Straight cam
Mounting screw
Instructions







LS 150 Programming Key Set

Material: Plastic

Color	Item No.
black	231.98.511

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
SAFE-O-TRONIC®

SAFE-O-TRONIC® access LS 200 is a lock used to electrically control cabinet doors, drawers and lockers. This lock operates in a day use or fixed mode. Lock is electrically released with a correct PIN code entered on the keypad.

Features

- Lock complies with ADA standards for door locks
- Lock can be programmed with RFID FOBs for set up and emergency opening
- Lock is easily programmed by user with easy to use keypad
- Lock mounts vertically for raised panel doors
- Lock powered by a 3-AAA battery pack (included) (item 231.98.210)
- Low battery indicator via external LEDs
- Designed to pass the ANSI/BIFMA 50 lbf. pull strength specification
- Long battery life (10 lock cycles per day for four years)
- Easy installation with only two drill points
- For left hand and right hand operation
- One programming key set required for project

Areas of Application

- Suitable for interior use
- Suitable for installation in wood, laminate, plastic and metal doors and drawers

Operating Modes

- Day Use Mode
  – Allows the user to choose their code at time of operation
  – Recommended for shared lockers or cabinets in a typical fitness locker room application
- Fixed Use Mode
  – Allows management to set user codes
  – 99 user codes per lock possible
  – Assigned locker applications

Technical Data

Tensile load limit	1000 N. (225 lbf.)
Environmental	
Operating temp.	-10° C to 65° C (14° F to 150° F)
Humidity (operating)	0 to 90%, non-condensing
Protection	IP 43
Electrical	
Supply voltage	4.5 VDC
Connections	Battery pack, self-contained
Battery Life	32,000 lock cycles
Standards Compliance	CE

Note

LS 200 programming key set required for programming and master key operation (see below).

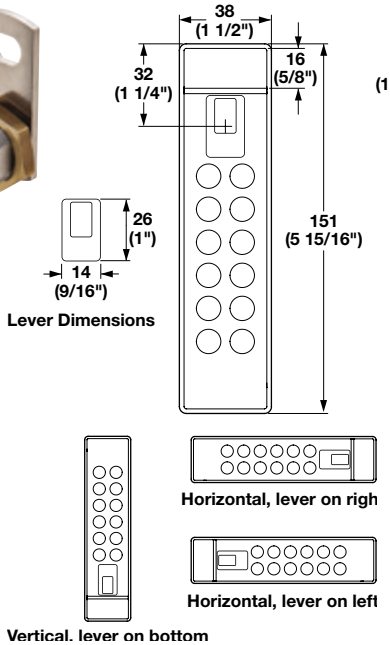
LS 200 Keypad Lock

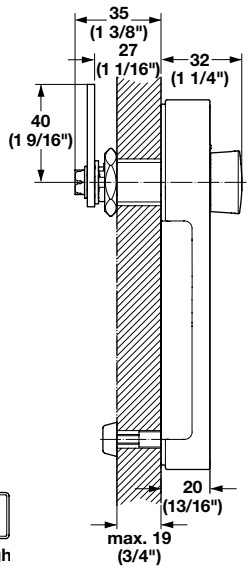
Material: Lock body: Aluminum; Color: gray
Face plate: Plastic; Cam: Steel

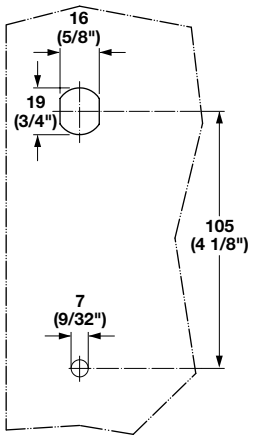
Lock Orientation	Handing	Black	White
vertical, lever on top	RH/LH	231.98.010	231.98.015
vertical, lever on bottom	RH/LH	231.98.011	231.98.016
horizontal, lever on left	RH	231.98.012	231.98.017
horizontal, lever on right	LH	231.98.013	231.98.018

Supplied With

Nut
Straight cam
Mounting screw
Instructions







LS 200 Programming Key Set

Material: Plastic

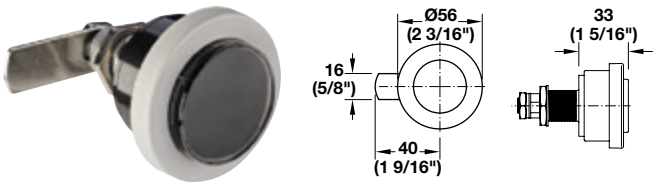
Color	Item No.
black	231.98.508

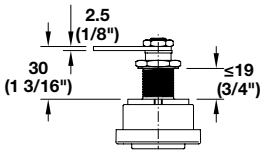
Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

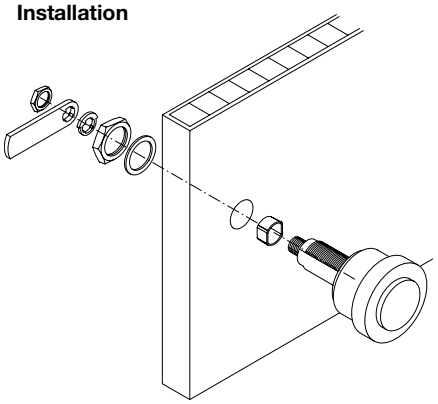
Electronic Locker Lock

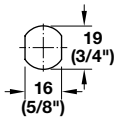
- For furniture door thicknesses up to 19 mm (3/4")
- Electronically locking and unlocking by presenting the user key
- Suitable for left hand and right hand use
- For screw mounting with hexagon nut
  Metal: Hole pattern 19 x 16 mm
  Wood: 22 mm drill hole for knock-in sleeve



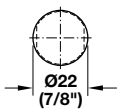


Installation





Drilling pattern for metal



Drilling pattern for wood

Installation
For integration and programming of the electronic FL 210 cam lock in the Dialock product range, the cam lock must be integrated into the Dialock system environment using the master card.

Then the FL 210 cam lock is "linked" to the programming card by presenting it (one-off procedure).

The user cards can then be trained or cleared by using the programming card.

FL 210 Cam Lock

Material: Plastic

Collar/Dial	Item No.
silver colored/black	231.85.030

Supplied With
1 Cam
Installation and operating instructions
Battery

Note
Following are required for operation: master card, programming card and several user cards.
Please order separately.

The first card that is presented, e.g. master card, determines the technology of the product.

Programming and User Cards

Master Card

- To train the FL 210 cam lock in the system environment of the Dialock product range

54 x 85 mm (credit card size)

Material: Plastic

Technology	Item No.
Tag-it™ ISO	231.85.042
Mifare	231.85.043

Programming Card

- To grant access authorizations without software and programming station

54 x 85 mm (credit card size)

Material: Plastic

Technology	Item No.
Tag-it™ ISO	917.42.001
Mifare	917.80.703

User Card

- To lock/unlock the electronic FL 210 cam lock
- Wear and tear free (contactless data transfer)
- Maintenance free (without batteries)
- Insensitive to external influences such as wetness, magnetic fields, mechanical vibrations and dust
- Can be reprogrammed at least 100,000 times
- Forgery-proof unique number

54 x 85 mm (credit card size)

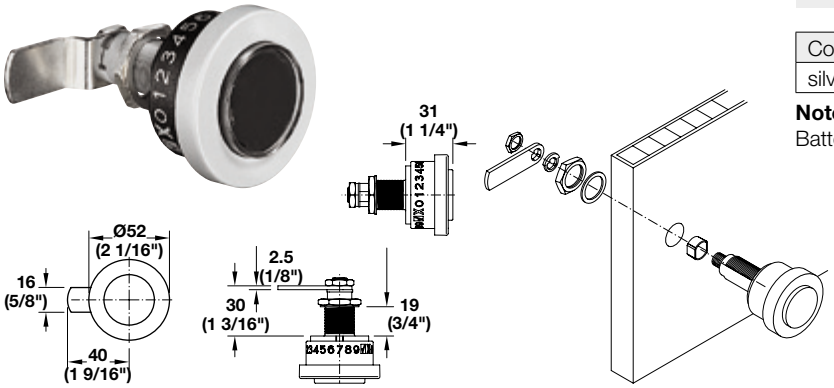
Material: Plastic

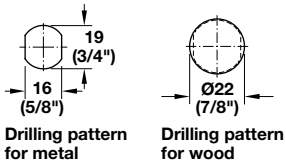
Technology	Item No.
Tag-it™ ISO	917.44.011
Mifare	917.80.704

Dimensional data not binding. We reserve the right to alter specifications without notice.

Locker Lock

- For furniture doors up to 19 thick, other door thicknesses on request
- With PIN code, 1,000,000 combinations (free choice)
- Suitable for left hand and right hand use
- Programming in local user mode (e.g. staff lockers): The user selects a 1-6 digit combination which remains until changed
- Programming in one time user mode (e.g. sports facilities): The user selects a 1-6 digit combination which is deleted when entered a second time
- Other programming methods possible on request, emergency opening is possible via master code
- For screw mounting with hexagon nut
  Metal: Hole pattern 19 x 16 mm
  Wood: 22 mm drill hole for knock-in sleeve





Cam Lock

FL 110

Collar/Dial	Item No.
silver colored/black	234.37.310

Supplied With
1 Cam
Installation and operating instructions
Battery

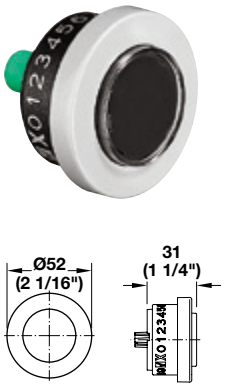
FL 111

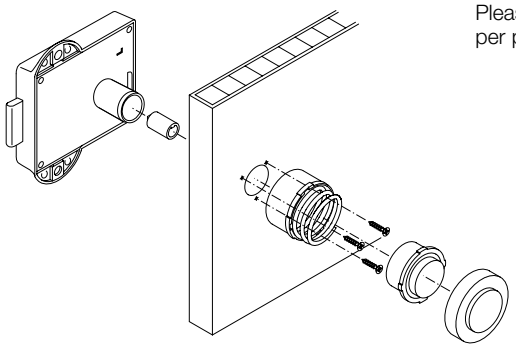
- The operating system cannot be changed
- Master PIN and user PIN issued randomly
- Opening with pre-set user PIN, emergency opening via master code possible

Collar/Dial	Item No.
silver colored/black	234.37.311

Note
Battery lid can be designed as desired.

- For Symo espagnolette and rim locks with cylinder housing length of max. 22 mm
- For furniture door thickness up to 19 mm
- With PIN code, 1,000,000 combinations (free choice)
- Suitable for left hand and right hand use
- Programming in local user mode (e.g. staff lockers): The user selects a 1-6 digit combination which remains until changed
- Programming in one time user mode (e.g. sports facilities): The user selects a 1-6 digit combination which is deleted when entered a second time
- Other programming methods possible on request
- Emergency opening possible via master code
- For screw mounting, drilling pattern in accordance with the cylinder housing of the selected lock





Surface mounted Espagnolette Lock

FL 112

Collar/Dial	Item No.
silver colored/black	234.37.300

Supplied With
3 screws
Adapter set
Installation and operating instructions

FL 113

- The operating system cannot be changed
- Master PIN and user PIN issued randomly
- Opening with pre-set user PIN
- Emergency opening via master code possible

Collar/Dial	Item No.
silver colored/black	234.37.301

Note
Battery lid can be designed as desired.

Please order one set of tools and drilling template per project.

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

FL 110 to FL 113, FL 210
Accessories

Tools

- For installing and removing (battery change) FL locker locks

	Item No.
For FL 110, 111, 112 and 113	234.37.900
For FL 210	231.85.040

Knock-in Sleeve

- For inserting in 22 mm drill holes as anti-twist protection for wooden doors

Material: Zinc alloy

	Item No.
	234.37.902

Set Supplied With
10 Knock-in sleeves
Knock-in tool

Drilling Jig

Material: Plastic; Finish: gray

	Item No.
For FL 112 and FL 113	234.37.903

Replacement Battery

	Item No.
CR 2450 - For FL 110, 111, 112 and 113	002.99.033
CR 2477 - For FL 210	231.85.044

Software and Stickers

- For designing stickers

	Item No.
	234.37.910

Set Supplied With
CD with software and templates
350 Stickers

Sticker

- For individual design of the battery lid

	Item No.
	234.37.911

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
Dialock® LockerLock – RFID

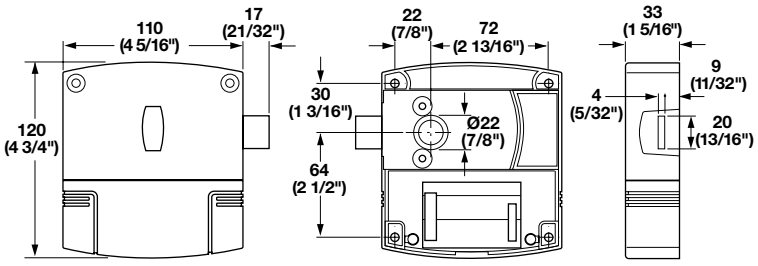
Programming Options

- Simple Programming features – default setting
- Wellness Function – user selects any one open cabinet or locker

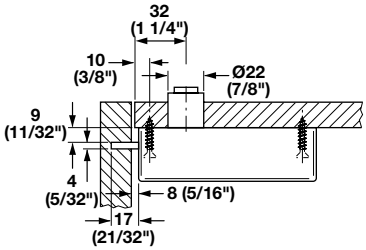
Complete Programming

- Windows based modules for Personnel, Hotel and Clinic applications.

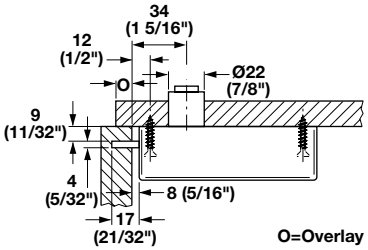
Note
Dialock® programming software and hardware not included in this catalog, contact the Dialock® dept. for details



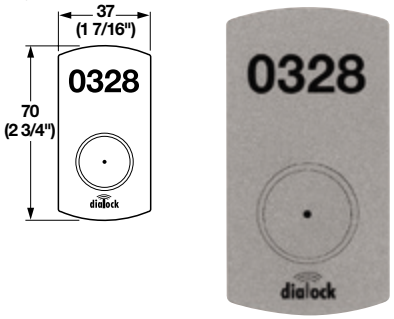
Inset Installation



Overlay Installation



For door thickness: 13–19 mm (1/2"–3/4")
Minimum cabinet width: 140 mm (5 1/2")



Technical Data

Can be mounted on left hand or right hand door
Memorizes up to 228 user keys
Memorizes last 150 key uses
(Complete Programming feature only)
Requires (4) 1.5V/DC AA Premium Batteries
- Replacement after 10,000 cycles
- Under low power, locking is not possible
- Batteries accessible only with special tool

Includes locker label without number

Tag-it™

- For use on locker or casework doors
- Transmitter and receiver for exchange with Dialock® key
- Red/Green LED for visual indication of programming progress and key authorization (on interior box)
- Catch has 2 visible states:
  Open – with push button extended
  Locked – with push button retracted
- To lock and unlock – press the push button with an authorized key
- Optional Wellness Function
  – Free choice of open lockers
  – Any key can lock then open any locker
  – Emergency Master Key
  – Requires Info Terminal
- Mounts to inside of door with 4 wood screws
- Utilizes Tag-it™ technology
- For use with Dialock® Tag-it™ keys

Material: Plastic

Color	Item No.
gray	231.90.013

Flat Head #8

Battery, Size AA, 1.5V

Color	Item No.
black/gray	910.54.980

Packing: 4 pcs.

Locker/Cabinet Label

- With numbers – special order, specify 4 digit number
- Trim and label locks push button

Material: Plastic

Color	Item No.
silver	231.81.000

LockerLock accessories Page 10.87

10

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
Dialock® LockerLock – RFID

Tag-it™ Ready Pack Set

• For a single locking system

	Item No.
	231.90.800

	Description	Qty.	Item No.
	Lockerlock Tag-it™	1 pc.	231.90.013
	Battery removal tool	1 pc.	231.80.100
	Battery, AA 1.5V	4 pcs.	910.54.980
	Green Programming Add key tag	1 pc.	917.42.003
	Red Programming Delete key tag	1 pc.	917.42.004
	Gray user Key tag	5 pcs.	917.44.085
	Angled Strike Plate	1 pc.	239.47.604

Note
Each Lockerlock Tag-it™ Ready Pack set is preprogrammed with all supplied keys
Additional components should be ordered separately if multiple doors are to be used
Adding additional LockerLocks to this starter set requires programming existing keys to the new components

Dimensional data not binding. We reserve the right to alter specifications without notice.

Battery Powered Electronic Locking Systems
Dialock® Info Terminal – RFID

Features

- Transmitter and receiver module for data exchange with electronic keys
- 2 function buttons, LCD (4 lines, 16 characters each) for menu-driven data input/communication in maintenance mode
- Infrared interface for communication with handheld programming devices.

Simple Programming

Unique code of key is learned by the Dialock® Terminal

- A green programming key is presented, followed by user keys to be learned
- A red programming key is presented, followed by a user key to be deleted
- All learned keys can be deleted

Complete Programming

- Windows based modules for Personnel, Hotel and Clinic applications.
- Dialock® programming software and hardware not included in this catalog, contact the Dialock® dept. for details

Wellness Function

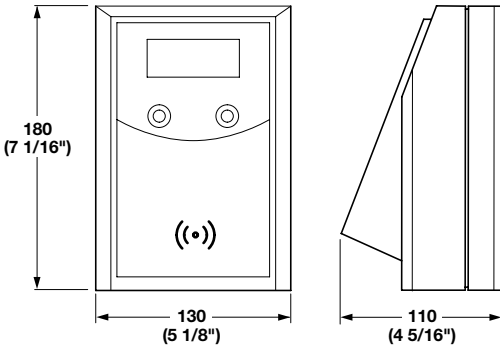
- Wellness + Simple
- Wellness + Personnel
  Wellness function allows a user to lock any available open LockerLock
- A user key may lock only one unit
- When the user unlocks the LockerLock, the unit is available for any user and the user key is “unblocked” and usable at any open LockerLock
- If Wellness is used for “day use” management of the locks, emergency keys are programmed using either Simple or Complete programming

Areas of Application

- Required only for the Wellness function of LockerLock
- Utilizes Tag-it™ technolog

Functions

- Reading the number of the locker for which the electronic key is authorized
- Data input in maintenance mode via display and function keys
- Unblocking keys if an emergency key was used to open a LockerLock
- Language selection: English, Spanish, French, German, Italian



Technical Data

Power Supply	
Direct voltage	10–12V/DC
Alternating voltage	8–9 V
Continuous current input	200mA
Peak current input	400mA
Safety class	IP65
Temperature range	0°C–60°C (32°F–140°F)
Relative humidity	0–95% non-condensing

Tag-It™

Material: Plastic

Color	Item No.
white	917.42.071

Supplied With

Cover gasket
4 rubber bumpers
Wall mounting plate
Screws

Power Supply

- Voltage: 9 V/DC
- Current: 800 mA
- Temp: 0 to 60° C (32° to 140° F)

Material: Plastic

Color	Item No.
black	825.56.018

LockerLock accessories Page 10.87

Dimensional data not binding. We reserve the right to alter specifications without notice.

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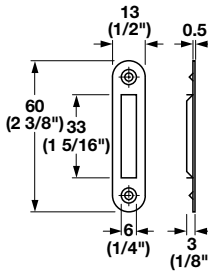
Dimensions in mm
Inches are approximate

Battery Powered Electronic Locking Systems
Dialock® LockerLock Accessories

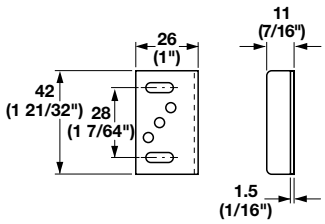


Strike Plate

- Screw-mount

Material: Steel

Finish	Item No.
nickel-plated	239.05.704

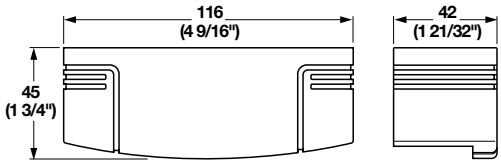


Strike Plate

- Angled

Material: Steel

Finish	Item No.
nickel-plated	239.47.604

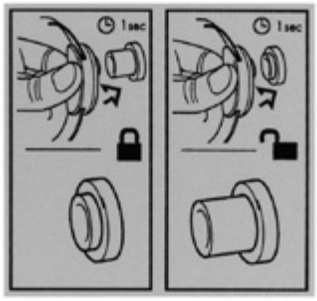


Battery Cover Removal Tool

- Battery cover is removed only with this tool
- Prevents theft and tampering

Material: Plastic

Color	Item No.
dark gray	231.80.100



Operating Instructions Label

- Place near lock push button

W x H: 65 x 68 mm (2 9/16" x 2 11/16")

Color	Item No.
silver	231.81.200
transparent	231.81.300

Battery

- Alkaline AA, 1.5V

	Item No.
	910.54.980

Dimensional data not binding. We reserve the right to alter specifications without notice.

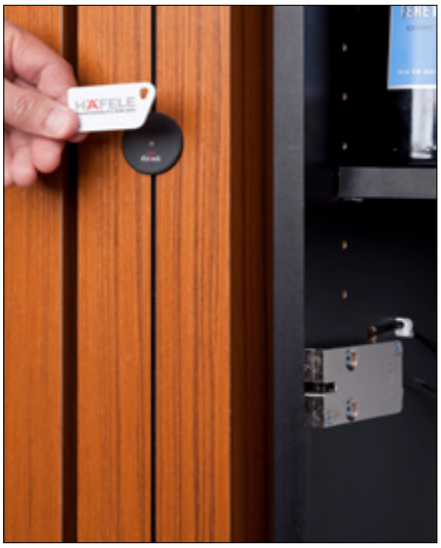
Dimensions in mm
Inches are approximate

Electric and Electronic Furniture Locking Systems

Electric Locking Systems for furniture doors and drawers that are modular.
Low Voltage – operate on 12VDC (some have operational power range)

Components
– Electric Locks – select locks to suit cabinet opening requirements
– Door Locks
– Sliding Door Locks
– Drawer Locks
– Options
– Fail Safe (unlocks when power is lost)
– Fail Secure (remains unlocked when power is lost)
– Slam Function (lock in unlocked state allows door to close and secure without requiring unlocking)

Control Devices (options vary)
– Toggle and keyed switches
– RF switches
– Programmable RFID controllers with antennae

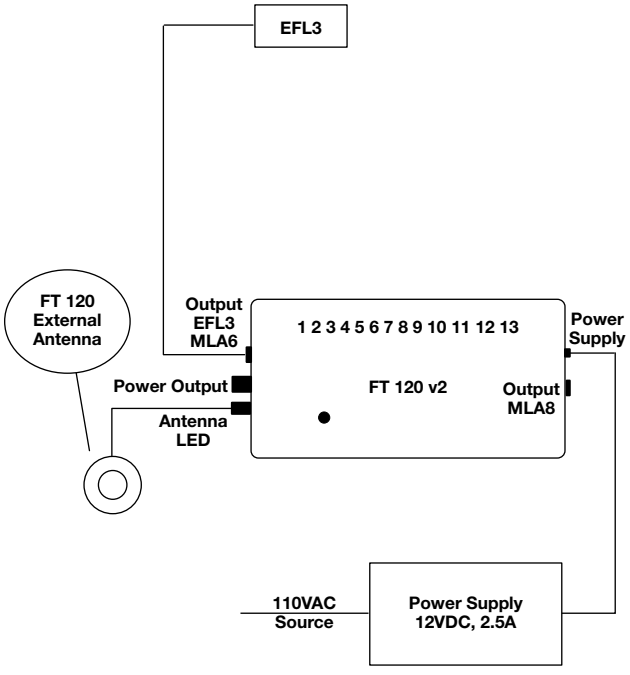


Accessories

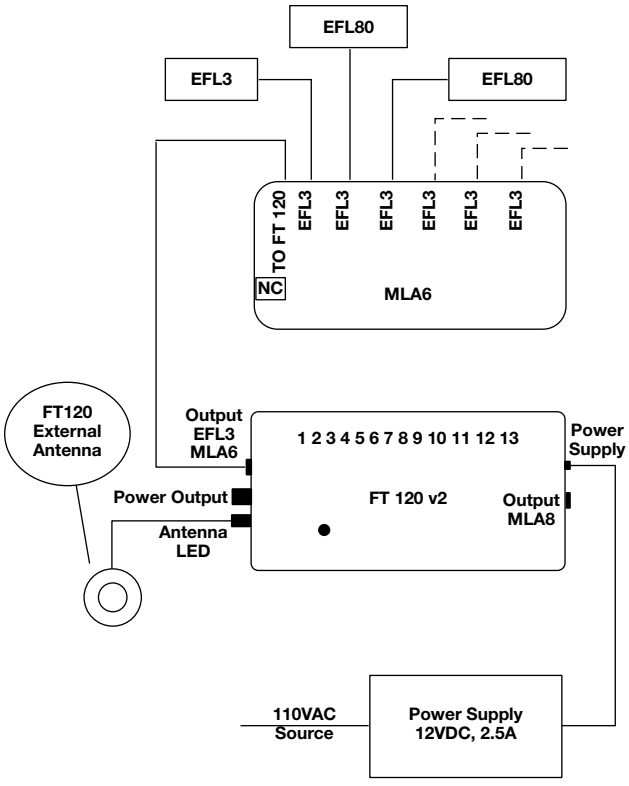
Power Distribution
– Connecting multiple controllers to power supplies
– Connecting multiple locks to controllers

Power Supply
– Converts line voltage (110 – 230 VAC to 12VDC)
– Select individual units or central power supplies with optional battery backup.

Electric locks and programmable control devices. Not all components are interchangeable. Verify that components can be combined.



PS + FT 120 + Antenna + 1 EFL3



PS + FT 120 + Antenna + MLA6 + 1 EFL3 + 2 EFL80

10

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

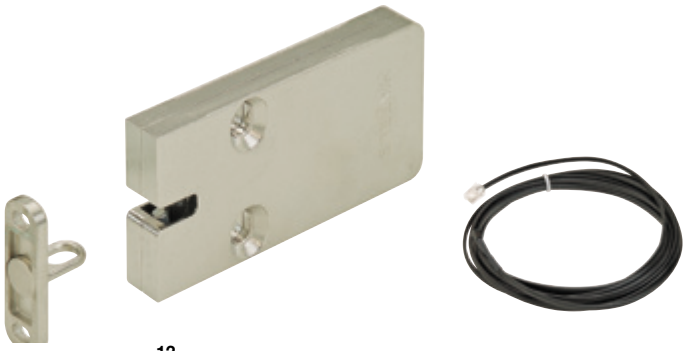
Electric Furniture Lock

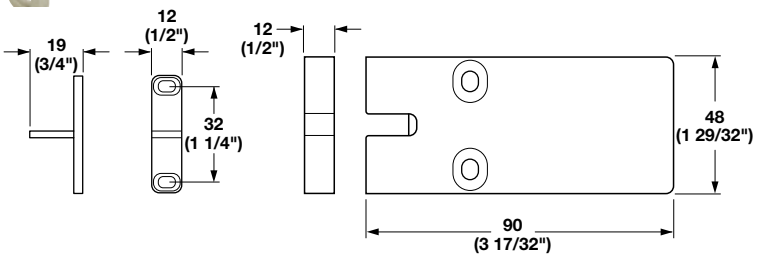
Features

- Slam function
- Fail secure
- Control with FT 120 Tag-it® Terminal and integrate into a Dialock® access control system
- Flat design allows for mounting beneath or beside drawers
- Electromotive locking mechanism cannot be influenced by magnetic fields
- Integrated contact “Lock closed/open”
- Optional: Additional contact “Locking piece engaged” for door status monitoring
- Mounts with 2 screws (sold separately), and can be oriented in 3 different directions

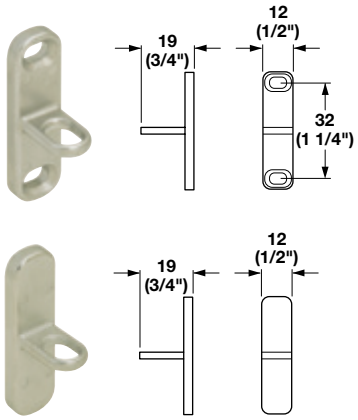
Areas of Application

- Suitable for interior use
- For installation on furniture and office equipment
- Store fixtures/display cases
  - – Roller shutters
  - – Hinged doors
  - – Sliding doors
  - – Flaps
  - – Drawers





Bolt Lock Body



Specifications

Voltage required:	12V DC ± 10% (not polarity sensitive)
Current Consumption	
Continuous:	10 mA
Peak:	100 mA for less than 40 mS
Duty cycle rating:	Continuous duty (no time limit)
Heat generated:	0.12 Watt
Temperature range:	+4° C – +49° C (40° F–120° F) 20%~95% RH non condensing
Tensile load limit:	
– Locking bolt:	1000N (225 lbf.) holding strength
Connections:	3 m (118”) cable (sold separately)
Min. door width:	200 mm (7 7/8”), sample Installation necessary for narrow door widths

Flat Head #6

EFL3 and EFL3C

Material: Lock body and lock bolt: Zinc alloy; Finish: matt

Type	Item No.
EFL3-without door status contact	237.56.304
EFL3C-with door status contact	237.56.305

Supplied With

Lock
Lock Bolt
Instructions

Note

The mounting plate of the locking piece can be installed against a furniture handle on the opposite side (drilling distance: 32 mm (1 1/4"). Multiple EFL3 locks can be connected to the FT 120 in parallel (keyed alike). Drill jig required to mount the lock. Marking gauge is recommended to mount the locking pieces.

Note

Cable is disconnectable and sold separately

Lock Bolt

- For wood and aluminum doors

Material: Zinc alloy; Finish: matt

Type	Item No.
standard	237.56.310
door status	237.56.311

Lock Bolt

- For glass doors

Material: Zinc alloy

Finish	Item No.
matt	237.56.315

Drill Jig

Material: Zinc alloy

Finish	Item No.
matt	001.25.000

Marking Gauge

Material: Zinc alloy

Finish	Item No.
matt	237.56.330

Cables Page 10.93

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Electric Furniture Lock

Areas of Application

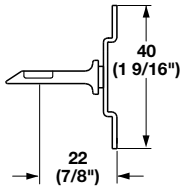
- For use with all electric and Dialock® control devices
- Suitable for interior use
- For installation on furniture and cabinets
- Suitable for hinged or sliding doors and drawers
- Slam function
- Suitable for use with self-closing slides and hinges
- Field changeable from fail secure to fail safe
- Minimum door width: 240 mm (9.5")

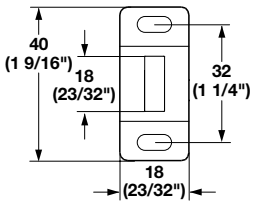
Application Examples

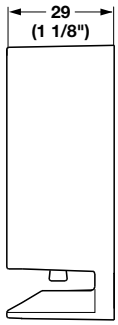
- Cabinet doors
- Cabinet drawers
- Jewelry cases
- Teller doors
- Beverage cases

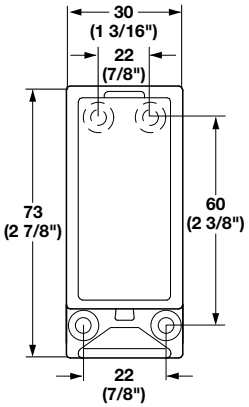
Technical Data

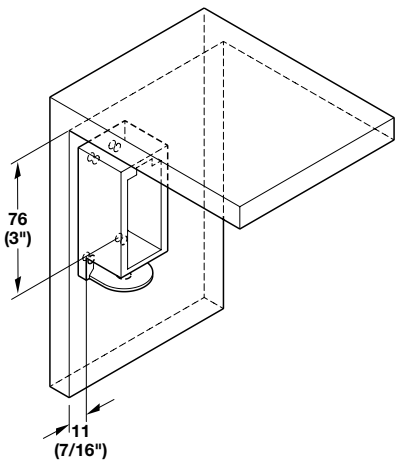
Voltage / Current consumption	12VDC / 190mA
Duty cycle rating	Continuous Duty
Heat generated	2.3 Watt (max.)
Temperature range	4° C to 49° C (40° F to 120° F)
Tensile load limit	90 kg. (200 lb.)
Mounting	6 screws
Connections	2 wires 2 m long
Minimum door width	240 mm (9.5")

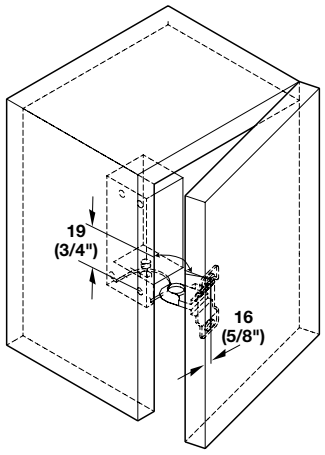












Note

This lock must be wired to a controllable power source prior to installation of the strike plate. Otherwise, locking of the door may result.

EFL6

Material: Lock body: Steel; Color: black
Cover plate: Steel, matt
Lock bolt: Steel, galvanized

	Item No.
	237.56.062

Supplied With

Lock body
Lock bolt
Male amp connection
Mounting hardware
Instructions
2 m Cable

Lock Bolt

Material: Steel

Finish	Item No.
galvanized	237.56.987

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Lock

- Compact and lightweight
- Low operating and standby power consumption
- Silent operation
- Door status monitoring built into lock
- Field changeable from fail secure to fail safe

Areas of Application

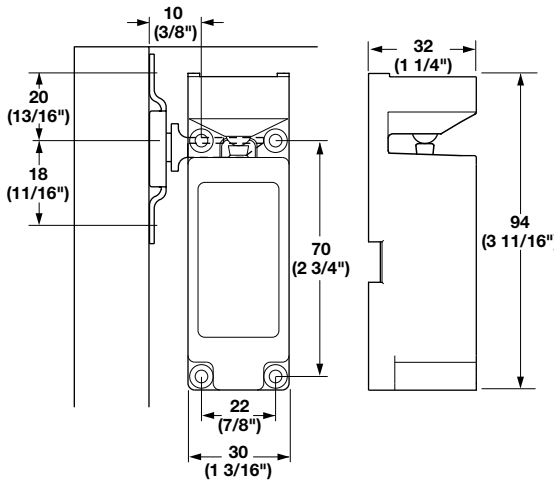
- For use with all electric and Dialock® control devices
- Suitable for interior use
- For installation on furniture and cabinets
- Suitable for hinged or sliding doors and drawers
- Suitable for use with self closing hinges and slides

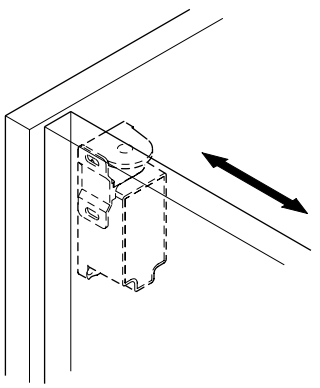
Application Examples

- Cabinet doors
- Cabinet drawers
- Jewelry cases
- Teller doors
- Beverage cases

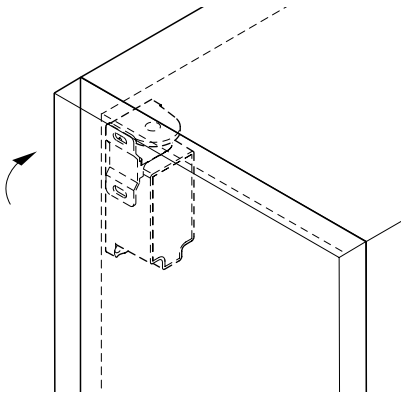
Technical Data

Voltage/current consumption		12 VDC/184 mA
Duty cycle rating		Continuous duty
Heat generated		2.2 Watt (max.)
Temperature range		14° to 104°F (-10° to 40°C)
Humidity (operating)		0–95% non-condensing
Tensile load limit		200 kg (440 lbs.)
Mounting		4 screws
Connections	Power	2 wires, 2 m long (terminated with AMP connector)
	Door status	3 wires, 2 m long (tinned ends)
Minimum door width		240 mm (9.5")
Operating cycles		500,000
Standards Compliance		CE





Sliding Cabinet Door



Swinging Cabinet Door

EFL6C

Material: Lock body: Cast Steel
Cover plate: Steel, matt
Lock bolt: Steel, galvanized

Color	Item No.
black	237.56.061

Supplied With
Lock body
Lock bolt
Male amp connection
Mounting hardware
Instructions

Lock Bolt

Material: Steel

Finish	Item No.
galvanized	237.56.987

Note
Monitor switches are rated at 2 amps at 12 or 24VDC.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

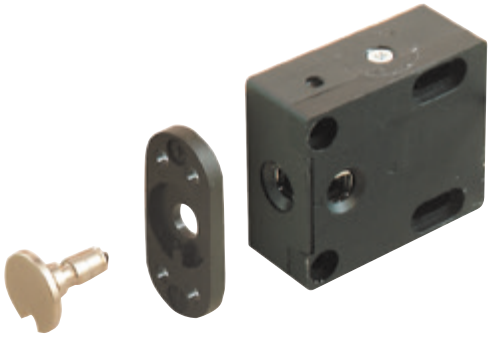
Electric Furniture Locks

EFL10 is an electro-mechanical bolt lock with slam function, suitable for controlling access to doors and drawers in furniture and office equipment. The device is field changeable from fail safe to fail secure. EFL10 is also rated for continuous duty. It can be controlled by a switch or it can be integrated into a Dialock® access control system.

Technical Data

Voltage required	12 VDC ± 10% (not polarity sensitive)
Current Consumption	260 mA
Duty cycle rating	Continuous
Heat generated	3.12 Watt
Temperature range	+10° C – +40° C (50° F – 104° F)
Tensile load limit	
– Metal bolt	1000 N (225 lbf.)
Mounting	Via 2 screws (supplied)
Mounting instructions	Included

Note
Not applicable with self-closing slides or self-closing hinges



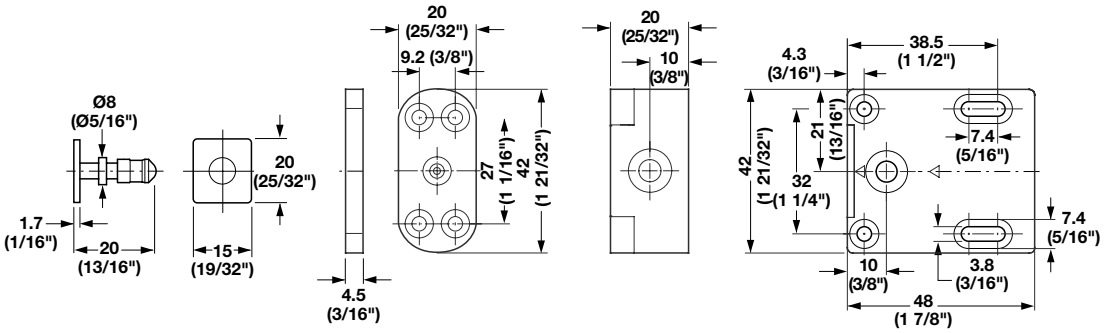
Flat Head #6

EFL10 and EFL10C

Material: Lock and bolt plate: Plastic; Color: black
Bolt: Steel

Function	Item No.
EFL10–locking	237.56.050
EFL10C–locking w/door status	237.56.055

Note
For connection to FT 120 use extension cable 823.28.318, 327, 350, 360, customer supplied cable or power cord 823.67.300.



Bolt **Bolt Plate** **Lock Body**

Cables	Page 10.100
Power cord	Page 10.100

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locks

- Fully functional ball bearing pair of drawer slides with a built-in electric lock device.

Area of Application

- For internal use. For use with FT 120 RFID
- Access Control module.

Features

- Lock can be positioned on the left or right.
- Modular electrical connection – order separately
- Manual override
- Multiple slide lengths
- Additional runner profiles available
- 100 lb. load rating*
- Full extension travel
- Lock combines an Accuride 3832 slide with electrical lock functions
- Surface mounted through pre-punched holes

Technical Data

Voltage	12 VDC
Current Draw	100 mA (peak) 10 mA (standby)
Contact Rating	0.3A @ 6 VDC
Electrical Life	50,000 cycle typical
Mechanical Life	100,000 cycles
Insulation Resistance	100M Ohms minimum @ 100 VDC
Dielectric Strength	250 VAC for 60 seconds
Operating / Storage Temperature	-22 F to 185 F / -30 C to 85 C

EFL80 Electric Slide Lock

- Ball bearing

Material: Slides: Steel 16 ga. (1.52 mm); clear, electric plate

Slide Length	Slide + Lock Length	Slide Travel		Unlock Only
350 (14")	421 (17")	344 (13 1/2")	356 (14")	422.91.035
400 (16")	470 (18 1/2")	394 (15 1/2")	406 (16")	422.91.040
450 (18")	521 (20 1/2")	444 (17 1/2")	457 (18")	422.91.045
500 (20")	571 (22 1/2")	493 (19 1/2")	508 (20")	422.91.050
550 (22")	621 (24 1/2")	544 (21 1/2")	559 (22")	422.91.055

Supplied With
Slides
Electric Lock attached to 1 Slide
Mounting Instruction

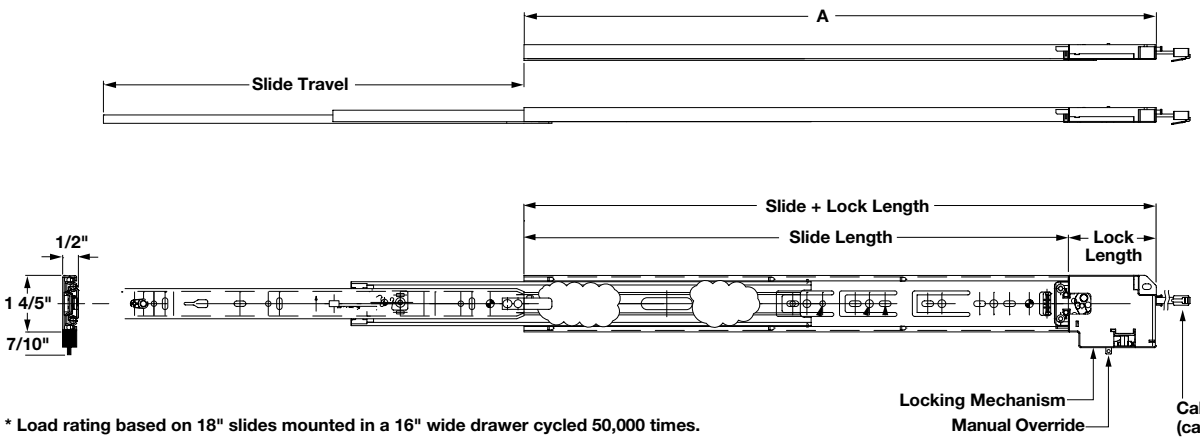
Note
Cable is disconnectable and sold separately

Cable for EFL3 / EFL80 to FT 120

Material: Plastic; Color: black

Cable length	Item No.
0.5 m (19 11/16")	237.56.340
1 m (39 3/8")	237.56.341
3 m (118")	237.56.343
5 m (196 3/4")	237.56.345

Note
3 m (118") is the most common cable length



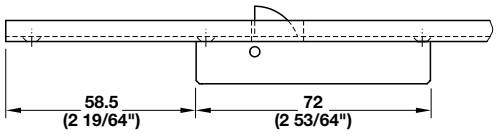
*** Load rating based on 18" slides mounted in a 16" wide drawer cycled 50,000 times.**

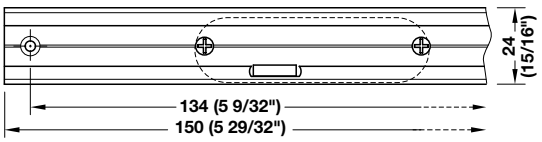
Dimensions in mm
Inches are approximate

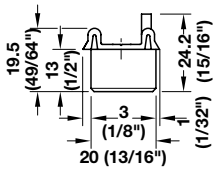
Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Lock

- Electric lock for indoor use:
  for glass sliding doors in furniture and office equipment
- The lock remains unlocked for 3 seconds via the DFT (standard), the door is locked again after 3 seconds, integrated feedback contact "Locked/Unlocked"
- Lock with AMP plug, locking unit for sliding into the Design 25 IF bottom running track
- For groove mounting into base panel







Technical Data

Voltage supply	DC in load operation, "toggle" mode (continuous duty) only permitted with 12 V DC power supply.
Power consumption	1.6 W with 12 VDC (125 mA)
Tensile load	>200 N (according to DIN 68852)
Feedback contact:	
Max. operating voltage	30 V DC
Max. operating current	300 mA
Max. switching capacity	5 W
Sensor resistance	180 mΩ
Operating mode	Normally closed (fail secure), "permanent open" mode not permitted (overheating) except with 12 V DC
Operating temperature	0 – 50 °C

Keyed alike furniture locks:
Several EFL 41 glass sliding door locks can be switched parallel (keyed alike) in combination with the 1–6 distribution block.

Keyed alike/keyed different furniture locks:
Several EFL 41 glass sliding door locks can be switched parallel (keyed alike) or individually (keyed different) in combination with the MLA 8 multi-lock adapter. Using the MLA 8 also allows:
- Parallel operation of keyed alike and keyed different
- Combination with other EFL furniture locks with AMP plug (e.g. EFL6)

EFL41

Material: Locking unit: Plastic/Anodized Aluminum
Latch: Steel, bright
End cap: Zinc alloy; Finish: nickel-plated
Guide pins: Steel

Color	Item No.
gray/silver	237.56.971

Supplied With
Locking unit mounted under 110 mm (4 21/64") Design 25 IF double running track
AMP plug
Runner catch for installation in Design 25 IF runner housing profile
3 m connecting cable

Note
The EFL 41 glass sliding door lock can only be used with the Design 25 IF sliding door fitting.
Only to be used for 2-panel glass sliding doors.

Bottom running track length (Design 25 IF):
Internal cabinet dimension – 2 X 110 mm (4 21/64")
(2 X looking unit).
PS power supply unit (237.58.140/141) must be used for supplying power.

FT 120 terminal	Page 10.98
1–6 distribution block	Page 10.100
MLA 8 multi-lock adapter	Page 10.101

Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Electric Furniture Lock

A compact medium-load locking mechanism that uses electromagnetic energy to capture and hold an armature plate. The armature is released on command when power is turned off. The MCL1 is strong enough for structural applications and can be remotely triggered by push button, RF Remote, and Dialock® Terminals.

Features

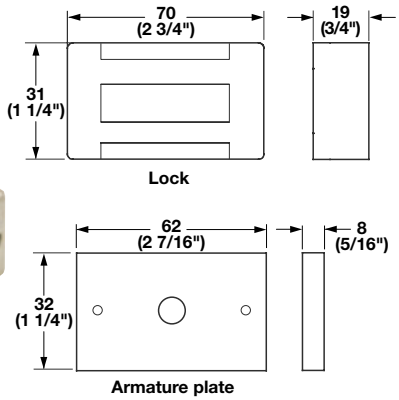
- Compact and lightweight
- High tensile load retention
- Flexible mounting options
- Silent operation
- Releases under pre-load
- Fail safe operation

Applications

- Maintenance access panel lock
- Security cabinets and drawers
- Display showcases
- Sliding doors
- For use with self-closing doors (hinges) and drawers (slides)
- For use on doors, 1 1/8" – 2" thick

Technical Data

Physical & Performance	at 25° C (77° F)	
(L × W × H)		
Magnetic Lock	70 x 31 x 19 mm (2 3/4" x 1 1/4" x 3/4")	
Armature	62 x 32 x 8 mm (2 7/16" x 1 1/4" x 5/16")	
Weight	400 g (14 oz.)	
Max holding load	364 N (80 lbf.)	
Environmental		
Operating temperature	-15° C to +40° C (5° F to +104° F)	
Storage temperature	-55° C to +85° C (-67° F to +185° F)	
Humidity (operating)	95% RH at 50° C (+122° F) Non combustible	
Corrosion resistant finish		
Fluid/Dust resistance		
	(fastener closed)	IP 65
Electrical		
Supply voltage	12 VDC	
Power consumption	< 1.2 W	
Current consumption	100 mA	
Standards Compliance		
CE		



MCL1 Nano Magnetic Cabinet Lock

Material: Lock and Armature plate: Steel
L-bracket: Aluminum

Color/Finish	Item No.
black/chrome-plated	246.10.000

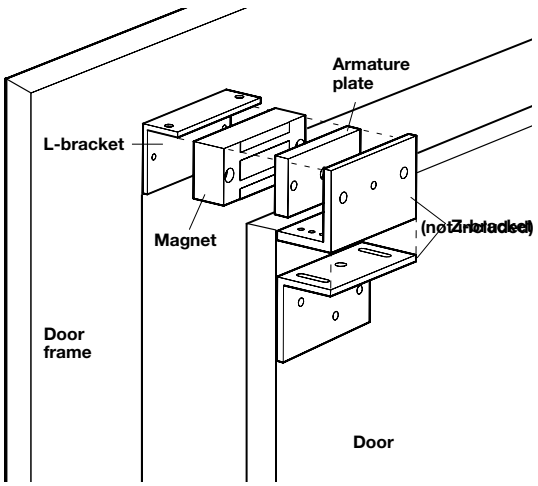
Supplied With

2 m cable and male AMP connection
Armature plate
L-bracket
Mounting screws
Instructions

Note

Armature plate should "float" to allow alignment with magnet

The MCL1 is a fail safe lock. When used with FT120, use the external relay, item 237.56.132



For details contact Dialock® Department at 1-888-437-7477 or 1-336-889-2322

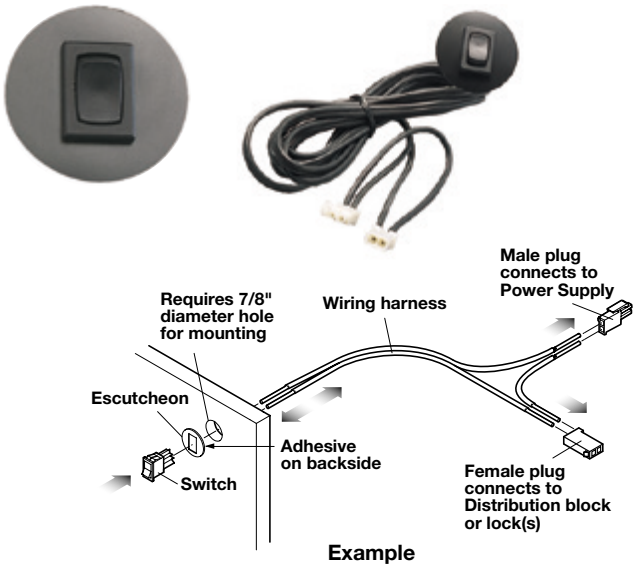
Dimensional data not binding. We reserve the right to alter specifications without notice.

Furniture Lock Controllers
Switches

- If more than one lock is to be wired to a switch, use optional blocks
- Switches are designed to be used on secondary power side
- The electric switch kits can be used to control other low voltage devices, such as the Häfele lighting system

Technical Data

Temperature range	-25° C to 85° C
Rated voltage	12V
Rated current	6A



Example

Switch Kit Toggle

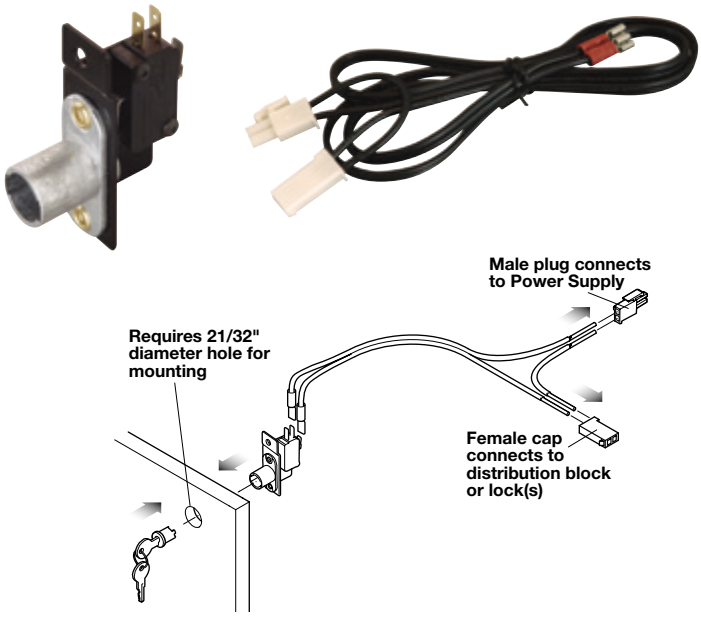
- Provides all the parts required to control and to connect a Power Supply to an EFL Lock
- The switch turns on or off the current to one lock, or to a group of locks
- If more than one lock is to be wired to the switch, use distribution blocks

Material: Plastic; Color: black

Cable Length	Item No.
1000 (39 3/8")	823.78.318
2000 (78 3/4")	823.78.327

Note
This switch is designed to be used on secondary power side

Maximum number of locks
- **EFL6**: 12 pcs.
- **EFL10**: 9 pcs.
- **MCL1**: 23 pcs.
- **EFL41**: 17 pcs.



Keyed Electric Switch Kit
Removable Cylinder Module System

- Provides all the parts required to control and to connect the Power Supply to the EFL Lock
- The key switch turns on or off the power to one lock, or to a group of locks

Material: Lock bracket: Steel; Color: black
Cylinder housing: Zinc, die-cast, unfinished

Cable Length	Item No.
1000 (39 3/8")	237.56.010

Note
Please order snap-in locks and keys separately

Maximum number of locks
- **EFL6**: 12 pcs.
- **EFL10**: 9 pcs.
- **MCL1**: 23 pcs.
- **EFL41**: 17 pcs.

For consistency in customized wiring:
Standard Polarity for various color codes of wire.

+Voltage	Common or -Voltage
white	black
white	brown
blue	brown
red	black

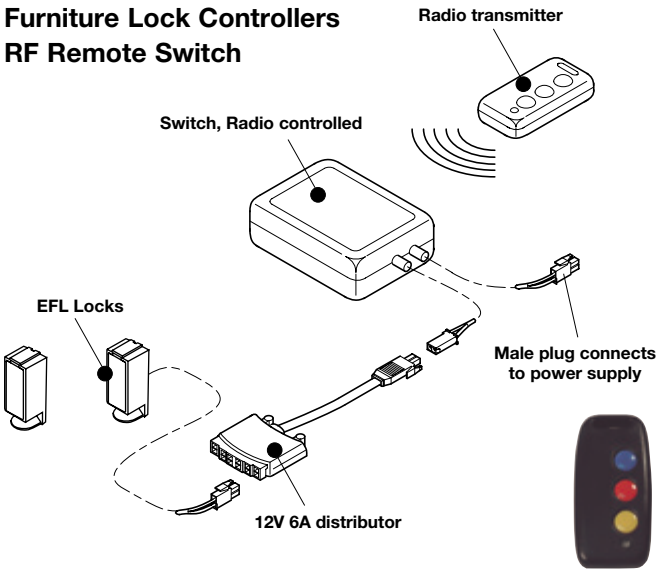
Lock cores	Page 10.6
Distribution blocks	Page 10.100

Dimensional data not binding. We reserve the right to alter specifications without notice.

10

Dimensions in mm
Inches are approximate

Furniture Lock Controllers
RF Remote Switch



Technical Data

Voltage supply	12 VDC
Continuous current	150 mA
Peak current	5A or 60W
Temperature range (inside only)	0 to +60ºC 32º to 140º F
30 user transmitters max.	
Read distance	75 ft. (25 m)

Maximum Number of Locks
EFL6: 12 pcs.
EFL10: 9 pcs.
MCL1: 23 pcs.
EFL41: 17 pcs.

RF Remote Transmitter

- 3 button 3 code transmitter
- Cased in high quality ABS / PVC
- Powered by readily available internal batteries
- Pre-programmed coding
- Multiple transmitters can be assigned to a single receiver
- 1000 codes possible

H x W: 66 × 32 mm (2 5/8" × 1 1/4")

Material: Plastic

Color	Item No.
black	237.56.101

RF Remote Receiver

Material: Plastic

Color	Item No.
dark blue	237.56.102

Supplied With
Receiver channel, size 88 × 65 × 30 mm
(3 1/2" × 2 5/8" × 1 1/4")
Secondary extension lead

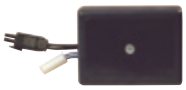
Note
Item numbers are valid only for 1 piece. When ordering individual components, please state the desired amount
Set is pre-programmed to operate together, additional receivers or transmitters can be purchased separately and added to the existing system
Additional components needed for a furniture locking system:
– electric furniture locks
– distribution blocks
– extension cords (order as required)

RF Remote Ready Pack Set

- For a single locking system

	Item No.
	237.56.904

Set Components

	Description	Qty.	Item No.
	RF Remote Receiver	1 pc.	237.56.102
	RF Remote Transmitter	1 pc.	237.56.101
	12V DC Power Supply with Plug	1 set	917.93.005

Note
The RF Remote Ready Pack set is capable of controlling the following quantity of each type of lock:
– EFL6: 12 pcs.
– EFL10: 9 pcs.
– MCL1: 23 pcs.
– EFL41: 17 pcs.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Dimensions in mm
Inches are approximate

Furniture Lock Controllers
FT 120

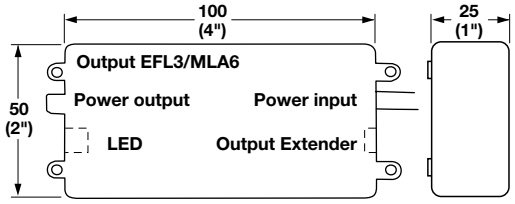
- Up to 228 keys can be authorized at a single terminal
- Indication of lock state through LEDs (red/green) and audible beep
- Configurable locking state
- Cycle Operation: Can be configured for 1 – 25 seconds with optional configuration key card (Pre-set default time: 3 seconds)
- Toggle Operation: Present key to open, re-present key to lock

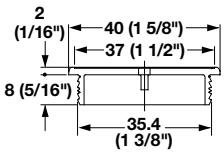
Area of Application

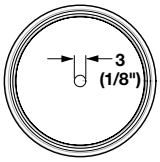
- For use with Dialock® Simple Programming (level 1 or complete programming level 2)
- For use with Dialock® Tag-it™ Transponders only
- Suitable for interior use

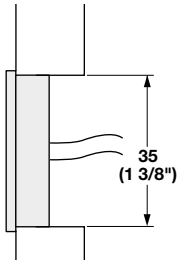
Features

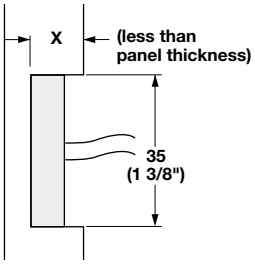
- If an authorized electronic key is presented to the unit, all locks are activated simultaneously
- Optional Output Extender: If an authorized electronic key is presented to the unit, independent control of up to 8 electric locks is possible
- Optional LED interface: (customer supplied)





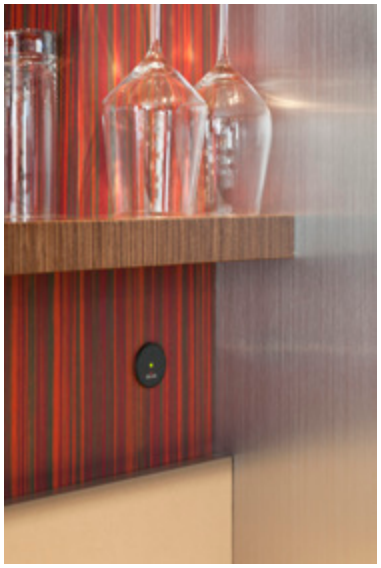






External mounting **Internal mounting**

Dimensions in mm
Inches are approximate



Technical Data

Voltage Supply	12-17VDC 11-14VAC
Continuous Current	75mA
Output Extender	50mA each
Switching Voltage Rating	14V
Peak Current	750mA
Temperature Range (Inside only)	0 to +60° C (+32 to +140° F)

FT 120 Tag-it™ Control Module

- Without antenna (sold separately below)

Material: Plastic

Color	Item No.
gray	237.58.111

Supplied With
Mounting tabs
1 meter (39") secondary extension cord

Note
FT 120, formerly known as DFT.

Antenna

Material: Plastic; Color: dark gray

Cable Length	Item No.
3 m (118")	237.58.129
1 m (39 3/8")	237.58.130

Configuration Key Card

- Open time

	Item No.
	917.42.00X.74

Note
Also use 823.28.390 and 910.51.090 for external relay and output extender options.

823.28.390	Page 10.100
951.51.090	Page 10.100
Keys	Pages 10.104–10.105

Dimensional data not binding. We reserve the right to alter specifications without notice.

Furniture Lock Controllers

FT 120 Tag-it™ External Antenna Ready Pack Set

- For single locking system

	Item No.
	237.58.900

Set Components

	Description	Qty	Item No.
	FT 120 Tag-it™ for External Antenna	1 pc.	237.58.111
	External Antenna for FT 120 Tag-it™	1 pc.	237.58.129
	Green Programming Add key tag	1 pc.	917.42.003
	Red Programming Delete key tag	1 pc.	917.42.004
	Gray user key tag	5 pcs.	917.44.085
	12V DC Power Supply with Plug	1 set	917.93.005

Note
Each set is preprogrammed with all supplied keys.
Also supplied with Open Time Transponder, Item 917.42.00X.74
Additional components needed for a furniture locking system consist of:
- Electric furniture locks
- Distribution blocks
- Extension cords (order as required)

The sets are capable of controlling the following quantity of each type of lock:
- **EFL3**: 11 pcs.
- **EFL6**: 4 pcs.
- **EFL10**: 3 pcs.
- **MCL1**: 7 pcs.
- **EFL41**: 5 pcs.
- **EFL80**: 6 pcs.

An external relay, item number 237.56.132 may be used to increase the number of locks being controlled by a single FT 120.
See next page for all relevant item details.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locking Systems Accessories

- Extension cables and distribution blocks are provided with a female AMP cap on one end, and a male AMP plug on the other

Suggested Wiring Assembly

- Female AMP caps are typically located on the power source side
- Male AMP plugs are typically located on the load side

Technical data

Temperature range: -25° C – 85° C
Rated voltage: 12V
Rated current: 6A

For consistency in customized wiring: Standard Polarity for various color codes of wire.

+Voltage	Common or -Voltage
white	black
white	brown
blue	brown
red	black

Bicolor LED

- 5 mm 5 V

Material: Zinc

	Item No.
	237.56.141

Piezzio Buzzer

- 5 V

Material: Plastic

	Item No.
	237.56.140

External Relay

Material: Plastic

	Item No.
	237.56.132

Extension Cables

- Used between components on the secondary side (low-voltage side) of the Power Supply
- 5 and 10 meter extension cables are only for use with furniture locking systems

Material: Plastic; Color: black

Length	Item No.
1 m (39 3/8")	823.28.318
2 m (78 3/4")	823.28.327
5 m (196 3/4")	823.28.351
10 m (393 3/4")	823.28.360

Data Cables

- 4-conductor
- Used for the transfer of information from a controller in a Dialock® FT 120 terminal to the corresponding output extender, or between extenders

Material: Plastic; Color: black

Length	Item No.
1 m (39 3/8")	910.51.091
3 m (118")	910.51.093

Distribution Block 1:2

- Acts as a splitter, allowing 2 output devices to be connected to one input device
- One male plug wired to 2 female caps, allowing up to 2 EFL Locks to be connected to 1 output
- Additional connectors can be made allowing other locks to be added
- This process can be repeated as long as the current ratings for the system are not exceeded

Material: Plugs: Plastic
Wires: red and black

Color	Item No.
white	823.28.390

Distribution Block 1:6

- Allows up to 6 locks to be connected to one output
- One male plug wired to 6 female caps
- For additional locks, a second block can be plugged into one of the caps of the first block (adding 5 locks)
- This process can be repeated as long as the current ratings system, the power supply, and control device (switch) are not exceeded

Material: Plastic

Color	Item No.
white	823.28.780

Power Cord

- Required to supply DC voltage to the controller when using power supply 917.93.005

Length: 500 mm (19 5/8")

Material: Plastic

Color	Item No.
black	823.27.300

Power supply	Page 10.103
ML8 lock	Page 10.102

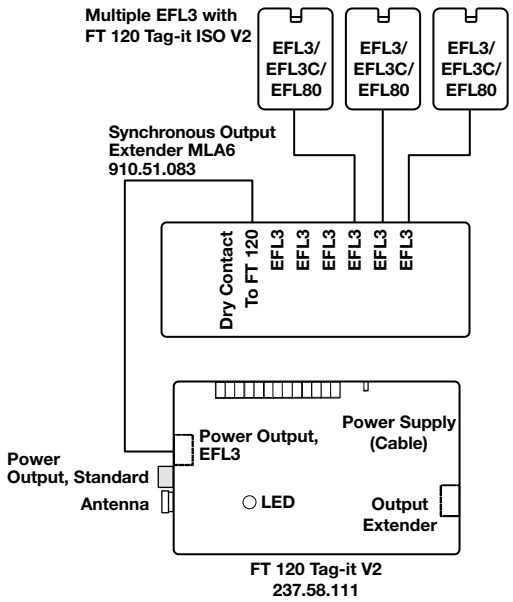
Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locking Systems
Accessories - MLA6

- Easy wiring of the locks
- Modular connection of the MLA6 to a FT 120 V2 with cable 237.56.340 (included)
- Potential free clamp terminal delivers lock status signal
- Status of the monitoring contacts is available for third party applications such as additional alarm, messages, etc.
- No wiring required to route the EFL3 monitor contacts to the FT 120 V2

Technical Data

Housing dimensions:	136 x 42 x 22 mm (5 11/32" x 1 11/16" x 7/8")
Mounting:	4 x 35 mm or 4 x 55 mm screws
Connection from:	
EFL3 lock	RJ10
Connection to:	
FT120/B V2	Molex 87833-042
Contact rating:	24V, 1A max.
Temperature Range:	0 to 50° C (+32° to +122° F)



Multi Lock Adapter

- For connecting EFL3 and the new FT 120 V2
- Enables the user to connect up to 6 EFL3s
- If two MLA6 adapters are daisy-chained together, 11 EFL3s can be controlled by a single FT 120
- Routes the signals from the lock's monitoring contacts directly to the FT 120

Material: Plastic

Color	Item No.
gray	910.51.088

Supplied With
Mounting block
0.5 m (11/16") cable
Instructions

For details contact Dialock® Department at
1-888-437-7477 or 1-336-889-2322

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locking Systems
Accessories - MLA8

- Modular connection for EFL3 with cable (Item No. 237.56.360/361/362/365)
- AMP Plug-in ready to connect EFL1, EFL6, EFL10, EFL41, even in combination with EFL3
- Direct connection to Dialock® power supplies and to additional MLA8s
- Status of the EFL3 monitor contacts available for Third Party applications; no particular wiring is required

Technical Data

Housing Dimensions:	280 x 50 x 25.2 mm (11 1/32" x 2" x 1")
Mounting:	4 x 35 mm or 4 x 55 mm screws
Supply voltage:	9.6-14.4 VDC
Connection from EFL3 and EFL80:	RJ10
Connection to FT 120:	RJ11
Input Jack EFLX:	AMP Mate-N-Lok, Female
Contact rating:	24V, 1A max.
Temperature range:	0-50C (+32 – 122 F)

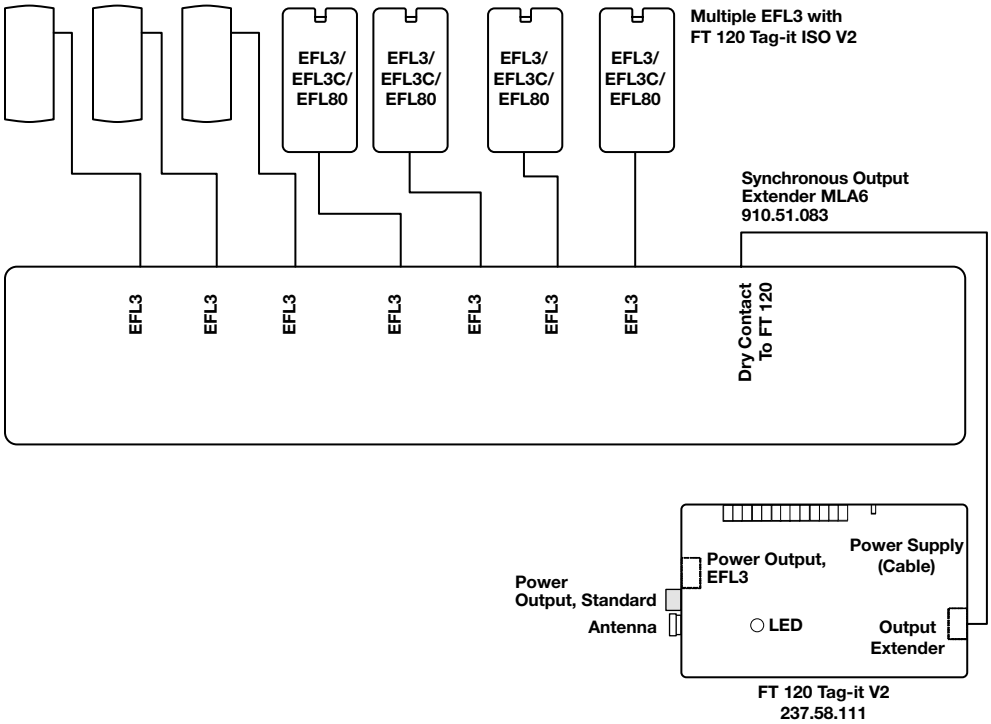
Multi Lock Adapter

- Enables the user to connect up to EFL3, EFL6, etc.
- Relays box can be connected
- LED indicator on each output ideal for functional test and troubleshooting
- 1 step assignment of keyed-alike keys also for a large numbers of locks

Material: Plastic

Color	Item No.
gray	910.51.084

Supplied With
Mounting block
0.5 m (11/16") cable
Instructions



For details contact Dialock® Department at 1-888-437-7477 or 1-336-889-2322

Dimensions in mm
Inches are approximate

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locking Systems
Power Supply

Häfele offers a Power Supply designed for use in furniture locking systems. The high-efficiency design is intended to reduce the amount of energy consumed and the heat generated. The Power Supply is protected from damage if the output wiring is shorted.

c UL LISTED

Technical Data

AC input voltage	120V ± 15%, 47 – 63 HZ
AC input current	0.6A
DC voltage output	12 VDC ± 5%
Output current range	0 – 2.5A
Operating temp. range	0º – 40ºC 32ºF – 140ºF

Power Supply with Plug 12 VDC 2.5A

• With amp socket, and 72" primary cord
Capacity: Maximum of 50 EFL1 locks
W x D x H: 108 × 58 × 30 mm (4 1/4" × 2 9/32" × 1 3/16")

Material: Plastic

Color	Item No.
black	917.93.005

Note
Powered switches reduce lock capacity. The in-line power supplies are not provided with mounting tabs. They are best placed on a protected shelf or trough.

Alternate central power options for large projects in battery back-up power supplies.

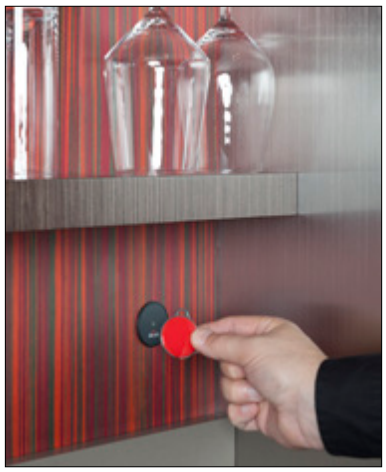
Dimensional data not binding. We reserve the right to alter specifications without notice.

For details contact Dialock® Department at 1-888-437-7477 or 1-336-889-2322

Dimensions in mm
Inches are approximate

Electric Furniture Locking Systems
Dialock® RFID Keys Tag-it™

- Contactless data transmission
- Read/write transponder
- No batteries required
- Insensitive to:
  – Magnetism
  – Mechanical vibrations
  – Humidity/moisture
  – Dust
- Reusable
- Forgery proof
- Utilizes Tag-it™ technology



Technical Data
Temperature Range: –35 °C to +50 °C (–31°F to +122°F)
Data Storage: > 10 years

Key tag

Fig. shows key tag at full scale

Key Card – Tag-it™

- This format is water-resistant
- Solid and impact resistant polycarbonate, ultrasound welded and made waterproof
- Stainless steel frame
- The eye no longer breaks off – unlike with other commercially available key tags
- Marking possible: Laser engraved numbers or text/logo*
- For use with all Dialock® Tag-it programming options
- Read/Write transponder
- 4 Dialock® segments

Ø36 (Ø1 7/17")
Height: 7.2 mm (9/32")

Material: Stainless Steel and Polycarbonate

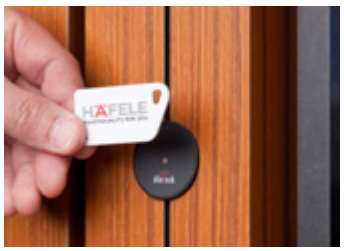
Color	Item No.
black	917.44.103
white	917.44.107
teal	917.44.105
red	917.44.109
blue	917.44.108
orange	917.44.101

Note
Programming tools must be purchased separately. The programming tools are introduced when a terminal is first powered. This allows the user to decide how many programming sets are practical for an application.

Contact Dialock® dept. for more information

Dimensional data not binding. We reserve the right to alter specifications without notice.

Electric Furniture Locking Systems
Dialock® RFID Keys Tag-it™



Features

- Contactless data transmission
- Read/write transponder
- No batteries required
- Insensitive to:
  – Magnetism
  – Mechanical vibrations
  – Humidity/moisture
  – Dust
- Reusable
- Forgery proof
- Utilizes Tag-it™ technology
- For use with all Dialock® Tag-It

Technical Data

Temperature Range: –13°F to +140°F
Data Storage: > 10 years

Key Card

- ISO Standard
- 4 Dialock® segments
- Suitable for card printers

W × H × D: 54 × 85 × 1 mm (2 1/4 × 3 3/8 × 1/32")

Material: Plastic

Color	Item No.
white	917.44.001

Key Tag

- Water-resistant
- 4 Dialock® segments

W × H × D: 28 × 56 × 1.7 mm (5/8 × 2 1/4 × 1/16")

Material: Plastic

Color	Item No.
gray	917.44.085
white	917.44.087

Key Wristband

- Water resistant
- 3 Dialock® segments

Ø65 mm × 25 mm (Ø2 9/16" × 1")

Material: Silicon

Color	Item No.
gray	917.44.295

Dimensional data not binding. We reserve the right to alter specifications without notice.

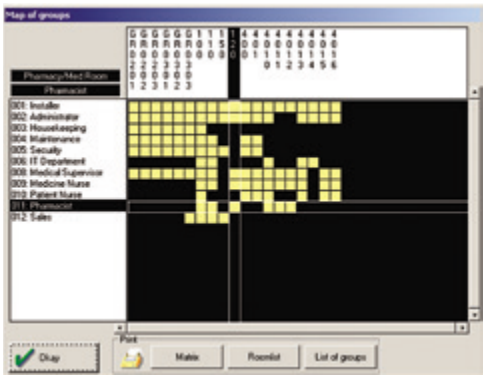
Dialock® RFID and Communications Programming

Dialock® locks: LockerLock and door locks, as well as Dialock® controllers can be programmed to meet requirements for security, convenience and budget. All devices operate in Level 1 programming. Devices can be reprogrammed utilizing programs and programming tools not addressed in this catalog.

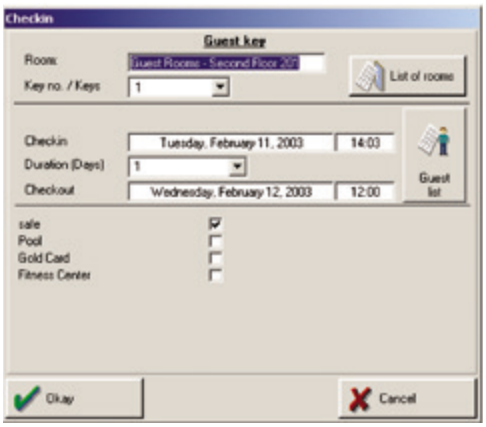
Dialock® Programming Overview

Level 1: Also referred to as Simple Programming. RFID keys are added to each device's memory of authorized keys using add keys. Individual or all keys can also be deleted from memory.

Day Use: A special function designed for lockers and shared cabinets. User becomes the authorized user by locking the lock.



Define Openings and Group Access Rights



Define Guest Key for Check In

Level 2: Access plans are developed using Personnel or Hotel software and communicated to each device. Keys are then encoded using Dialock® encoding station. User is granted access because of encode data on RFID keys. Features include audit trails, expiration dates and more.

Level 3: In addition to features and benefits of Level 2, devices are "online" - wired or wireless supporting remote unlock/lock, real time monitoring, audit recording or review and more.

Dialock® Programming and Tools

Programming Keys

Level 1:	Add (green) and Delete (red) RFID keys with programming rights to controllers
Configuration Tools:	RFID tags with special set-up functions

Software Licenses

Level 2:

Hotel:	Key planning and encoding for guest or time regulated (rental) keys
Personnel:	Key planning and encoding for staff keys
Personnel Remote	
PMS Interface	

Programming Tools

Encoding Stations

MDU (Mobile Data Unit)

Communication Tools

Network devices for TCPIP/Online communication

Note

For additional locking options, refer to the Complete Häfele Architectural Catalog, section 6, Item No. 910.51.132 and 910.51.135.

Dimensional data not binding. We reserve the right to alter specifications without notice.

Item No.	Page No.
001.06.365	10.26
001.08.014	10.26
001.24.194	10.20
001.25.000	10.89
002.99.033	10.83
006.40.387	10.73
008.26.120	10.20
209.99.610	10.4
209.99.620	10.4
209.99.630	10.4
210.02.004	10.6
210.02.059	10.6
210.02.080	10.9
210.02.081	10.40, 10.41
210.02.082	10.46
210.02.095	10.6
210.02.201	10.40, 10.41
210.02.202	10.40, 10.41
210.02.203	10.40, 10.41
210.02.204	10.40, 10.41
210.02.209	10.38, 10.39, 10.40, 10.41
210.04.017	10.6
210.04.035	10.6
210.04.053	10.6
210.04.054	10.6
210.04.062	10.6
210.04.070	10.6
210.04.102	10.6
210.04.106	10.6
210.04.115	10.6
210.04.124	10.6
210.04.133	10.6
210.04.142	10.6
210.04.151	10.6
210.04.160	10.6
210.04.179	10.6
210.04.188	10.6
210.04.197	10.6
210.04.204	10.6
210.04.302	10.6
210.04.311	10.6
210.04.320	10.6
210.04.339	10.6
210.04.348	10.6
210.04.357	10.6
210.04.366	10.6
210.04.375	10.6
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